

INDUSTRIAL LIGHTING AND INTELLIGENT SIGNAL LIGHTS



Otennlux Lighting Technology Co.,LTD



Otennlux Lighting Technology Co., Ltd. was established in 2008. It is a high-tech enterprise specializing in the design, R&D, production, sales and service of LED work lights, smart warning light and speaker. It is used in the fields of industrial lighting such as robot, machine tools, equipment, processing centers, electrical cabinets, production lines, warehouses, locomotives, inspections, aerospace, shipbuilding, chemicals, and medical treatment.

Otennlux Light Spirit

Our goal is to create a safe, durable and smart product for global industrial lighting. For this purpose, Otennlux lighting will do its utmost to pursue better quality with a professional and dedicated spirit.

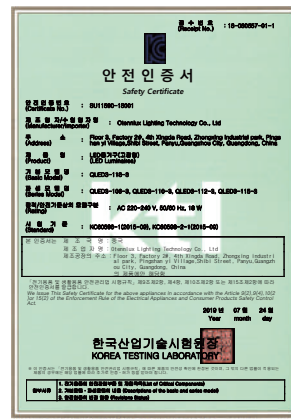
Service Philosophy

To provide customers with the best application solutions, customer satisfaction is our standard, and customer opinions are the greatest help to the company.

Quality Philosophy

Otennlux lighting pursue zero defects, better, no limit.

Certifications



OTENNLUX AS A PRARNER

OTENNLUX offers "customized product" based on the task and the environment. As an "Engineer LED light", OTENNLUX has for many years represented premium quality craftsmanship and engineering. OTENNLUX. The confidence to the best partner.

Contents

WORKING LIGHT



WORKING LIGHT



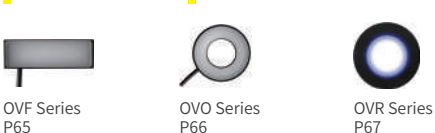
FLOOD LIGHT



ELECTRIC CABINET LIGHT



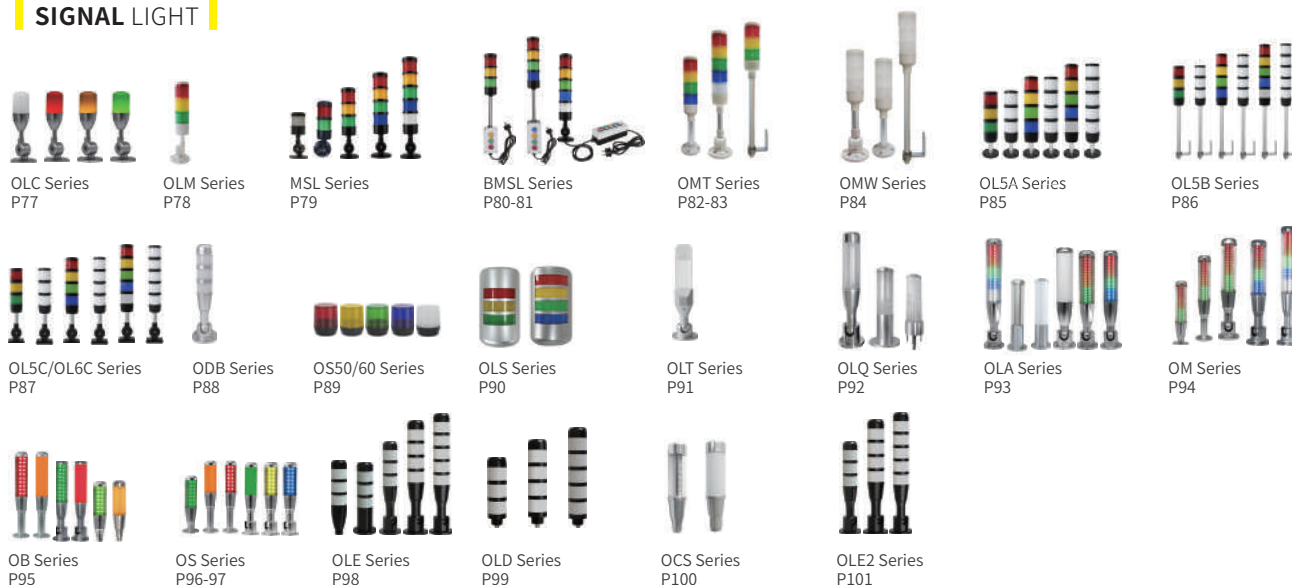
VISUAL LIGHT



MULTI-COLOR LIGHT



SIGNAL LIGHT



INDICATOR LIGHT



SOUND-LIGHT ALARM AND SPEAKERS



SMART SIGNAL LIGHT



Emergency button

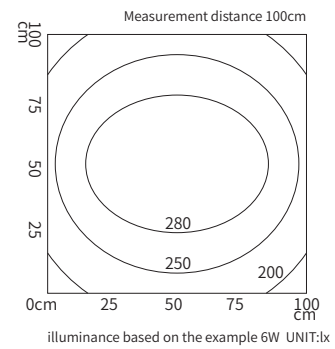


ACCESSORIES

P159



Type C bracket lamp

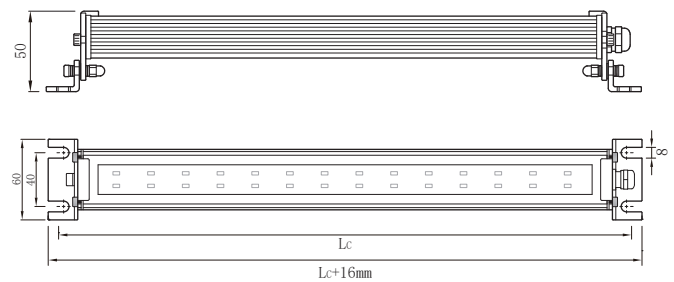


QLED Series Tube LED light



Type C bracket lamp

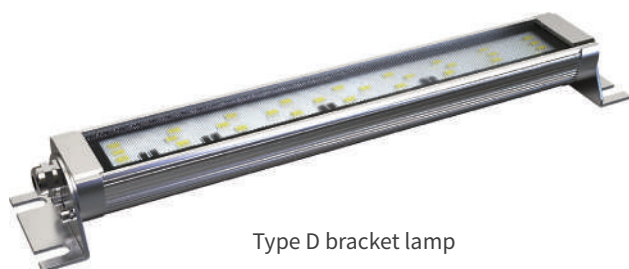
Lc: Installation Dimension



- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Adopt high-quality aluminum with good heat dissipation and transparent toughened glass with high safety
- High-quality AC/DC electronic driver, low power consumption, protection circuit, long life

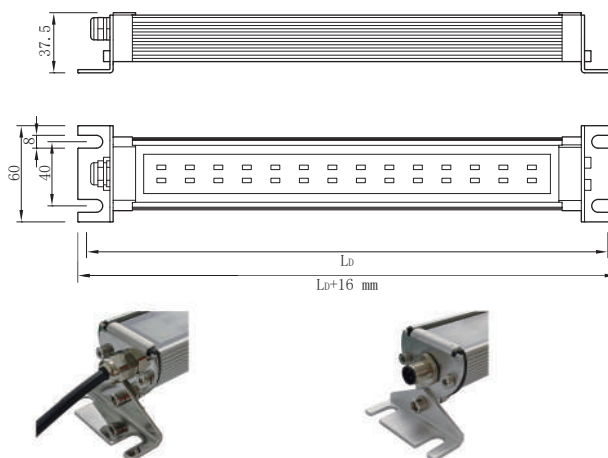
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Type D bracket lamp

Ld: Installation Dimension



Default: waterproof connector and 1.5m power cord

Optional: M12 four-core connector

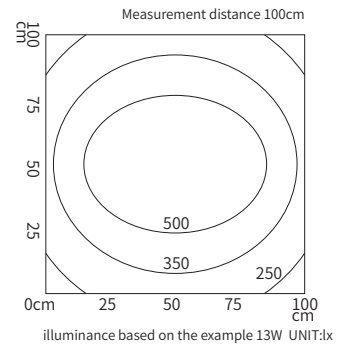
order eg.:

QLED3 - 1 06 - 1 C

6W 24V DC 6000K~6500K C bracket

Model	Power	Lc(mm)	Ld(mm)	Num	In. Vol	Color Tem.	Bracket
QLED3-103-□□	3W	118	135	1	24V AC/DC	6000K~6500K	C=C bracket
QLED3-104-□□	4W	175	192				
QLED3-105-□□	5W	218	235				
QLED3-106-□□	6W	303	320	2	24V AC/DC	4000K~4500K	C=C bracket
QLED3-110-□□	10W	303	320				
QLED3-111-□□	11W	333	352				
QLED3-112-□□	12W	425	442	3	100~277V AC 50/60Hz	6000K~6500K	C=C bracket
QLED3-113-□□	13W	455	472				
QLED3-115-□□	15W	515	532				
QLED3-118-□□	18W	600	618	4	100~277V AC 50/60Hz	4000K~4500K	C=C bracket
QLED3-120-□□	20W	650	667				
QLED3-122-□□	22W	725	742				
QLED3-124-□□	24W	790	807	5	24V DC	6000K~6500K	D=D bracket
QLED3-126-□□	26W	885	902				
QLED3-130-□□	30W	1015	1032				
QLED3-140-□□	40W	1250	1267	6	24V DC	4000K~4500K	D=D bracket
QLED3-150-□□	50W	1552	1569				

Luminous Flux>120 lm/W



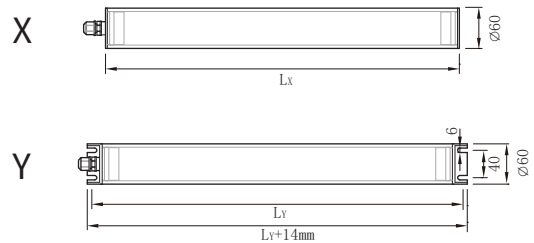
OL60 Series Tube LED light

- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

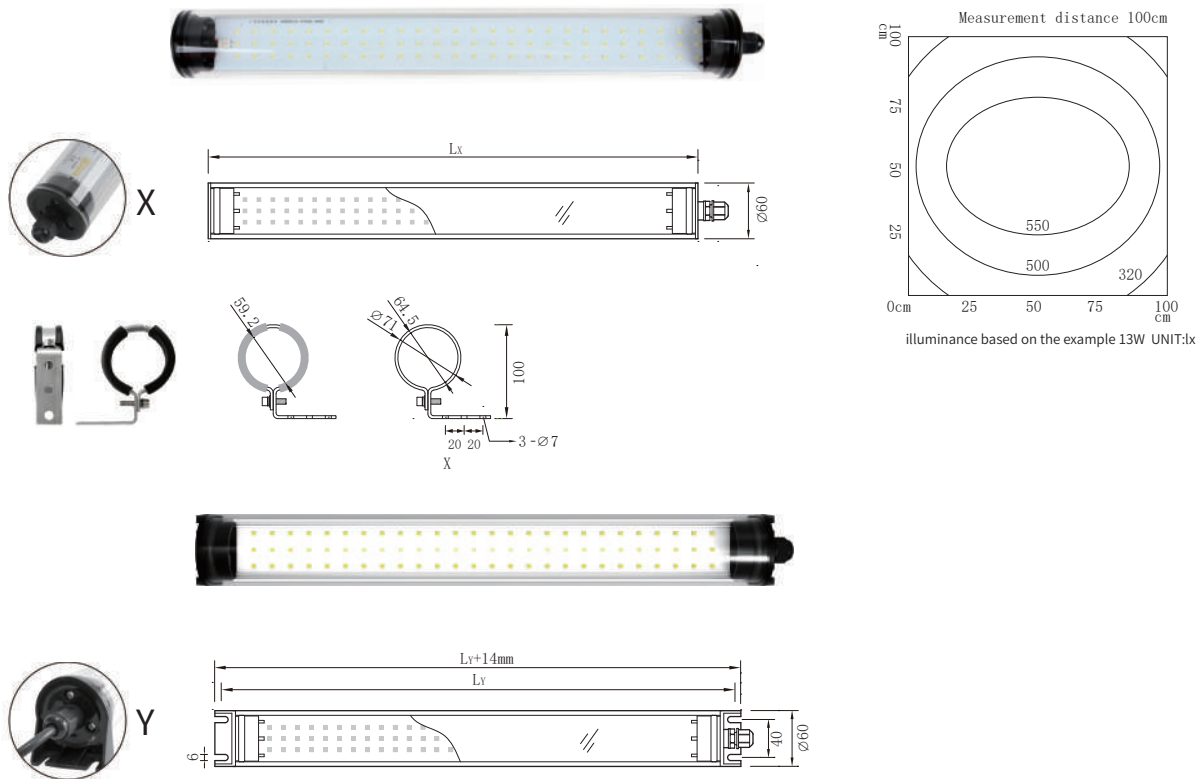
L: Installation Dimension



Model	Power	Lx(mm)	Ly(mm)	Num	In. Vol	Color Tem.	Bracket
OL60-6-□□	6W	285	305	1	24V AC/DC	6000K~6500K	X=X bracket
OL60-9-□□	9W	325	345	2	24V AC/DC	4000K~4500K	
OL60-13-□□	13W	475	495	3	100~277V AC 50/60Hz	6000K~6500K	
OL60-17-□□	17W	505	525	4	100~277V AC 50/60Hz	4000K~4500K	Y=Y bracket
OL60-20-□□	20W	670	690	5	24V DC	6000K~6500K	
OL60-24-□□	24W	775	795	6	24V DC	4000K~4500K	
OL60-32-□□	32W	1205	/				
OL60-40-□□	40W	1495	/				

Luminous Flux>120 lm/W

60LED-M Series Tube LED light



order eg.:

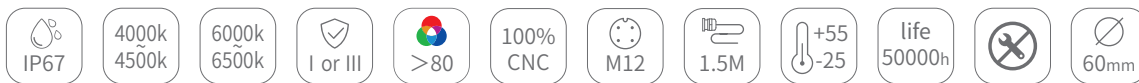
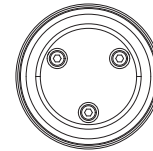
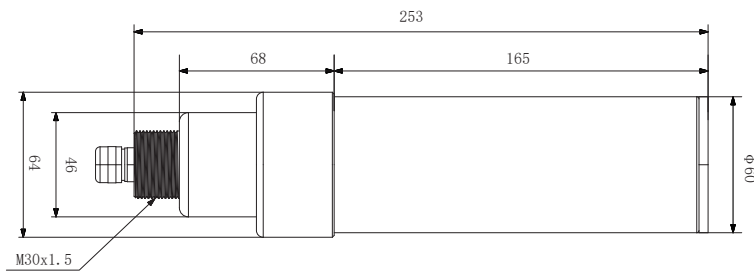
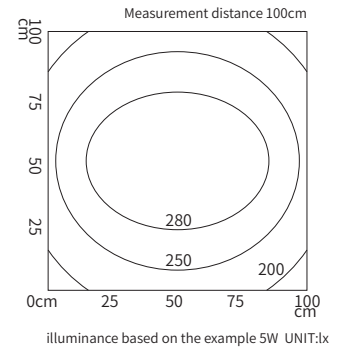
OL60LED - M0 248 - 1 X

9W 24V DC 6000K~6500K X bracket

Tube Type: Borosilicate glass/Transparent Acrylic

Model	Power	Lx(mm)	Ly(mm)	Num	In. Vol	Color Tem.	Bracket
OL60LED-M0230-□□	6W	285	305	1	24V AC/DC	6000K~6500K	X=X bracket
OL60LED-M0248-□□	9W	325	345				
OL60LED-M0266-□□	13W	475	495				
OL60LED-M0284-□□	17W	530	550	2	24V AC/DC	4000K~4500K	Y=Y bracket
OL60LED-M0296-□□	20W	670	690				
OL60LED-M02120-□□	24W	775	795				
OL60LED-M02160-□□	32W	1205	/	4	100~277V AC 50/60Hz	6000K~6500K	
OL60LED-M02200-□□	40W	1495	/				

Luminous Flux>120 lm/W



OL60-T24 Series Tube LED Light

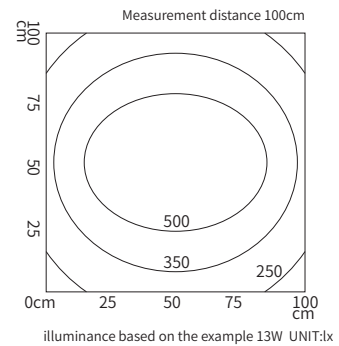
- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

Model	Power	Num	In. Vol	Color Tem.
OL60-T24-□	5W	1	24V DC	6000K~6500K
		2	24V DC	4000K~4500K
		3	100~277V AC 50/60Hz	6000K~6500K
		4	100~277V AC 50/60Hz	4000K~4500K

Luminous Flux >120 lm/W



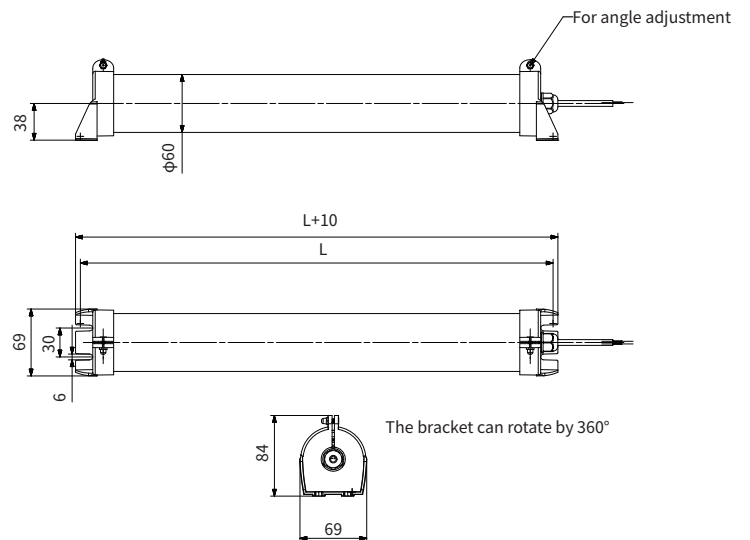
OL60 Series Tube LED Light

- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

Application:

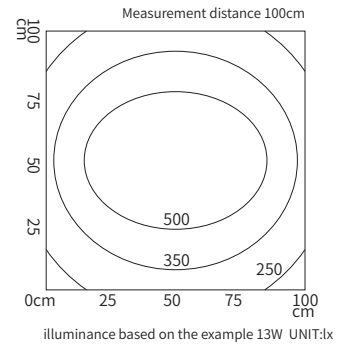
CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

L: Installation Dimension



Model	Power	L(mm)	Num	In. Vol	Color Tem.	Bracket
OL60-6-□□	6W	313	1	24V DC	6000K~6500K	Z=Z bracket
OL60-9-□□	9W	352	2	24V DC	4000K~4500K	
OL60-13-□□	13W	503	3	100~277V AC 50/60Hz	6000K~6500K	
OL60-17-□□	17W	533	4	100~277V AC 50/60Hz	4000K~4500K	
OL60-20-□□	20W	698	11	24V AC/DC	6000K~6500K	
OL60-24-□□	24W	803	12	24V AC/DC	4000K~4500K	
OL60-32-□□	32W	1235				
OL60-40-□□	40W	1523				

Luminous Flux >120 lm/W



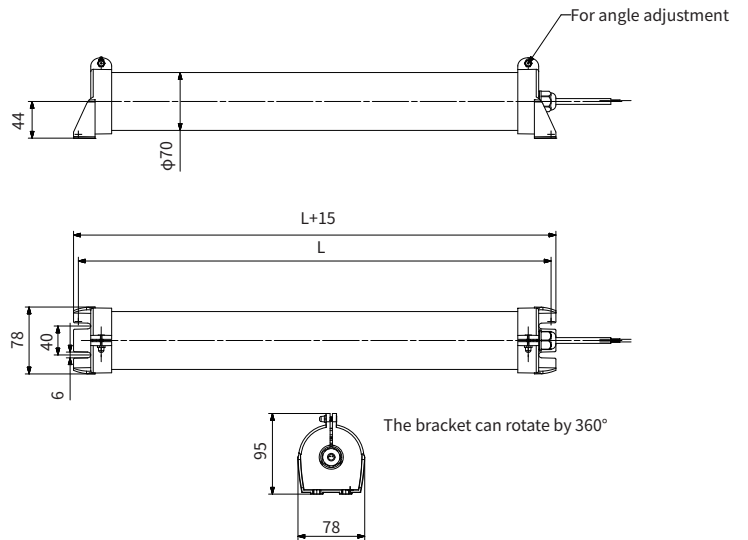
OL70 Series Tube LED Light

- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

L: Installation Dimension



Model	Power	L(mm)	Num	In. Vol	Color Tem.	Bracket
OL70-6-□□	6W	310	1	24V DC	6000K~6500K	Z=Z bracket
OL70-9-□□	9W	349	2	24V DC	4000K~4500K	
OL70-13-□□	13W	500	3	100~277V AC 50/60Hz	6000K~6500K	
OL70-17-□□	17W	530	4	100~277V AC 50/60Hz	4000K~4500K	
OL70-20-□□	20W	695	11	24V AC/DC	6000K~6500K	
OL70-24-□□	24W	800	12	24V AC/DC	4000K~4500K	
OL70-32-□□	32W	1232				
OL70-40-□□	40W	1520				

Luminous Flux >120 lm/W

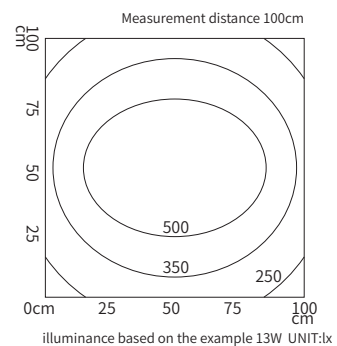


OL70 Series Tube LED light

- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

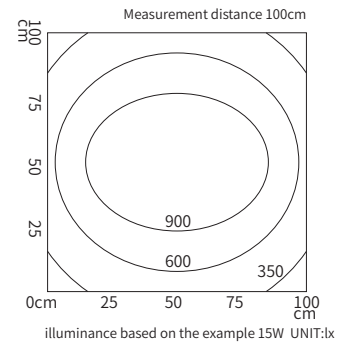
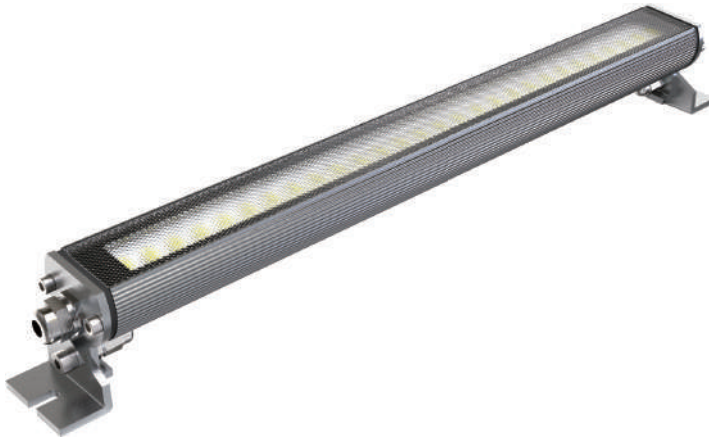
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
OL70-6-□□	6W	285	1	24V AC/DC	6000K~6500K
OL70-9-□□	9W	325	2	24V AC/DC	4000K~4500K
OL70-13-□□	13W	475	3	100~277V AC 50/60Hz	6000K~6500K
OL70-17-□□	17W	505	4	100~277V AC 50/60Hz	4000K~4500K
OL70-20-□□	20W	670	5	24V DC	6000K~6500K
OL70-24-□□	24W	775	6	24V DC	4000K~4500K
OL70-32-□□	32W	1205			
OL70-40-□□	40W	1495			

Luminous Flux>120 lm/W

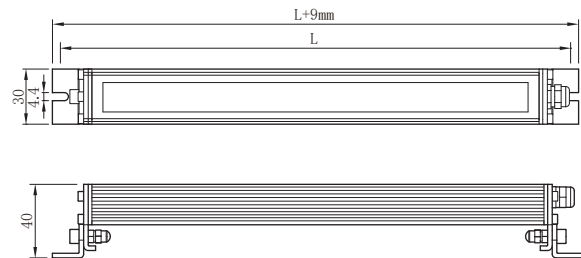


AL30 Series Tube LED light

- Small and flexible, uniform light distribution, good lighting effect
- High-quality aluminum with good heat dissipation, good durability
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions

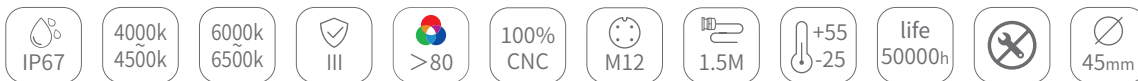
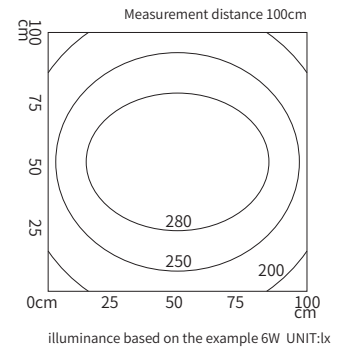
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
AL30-3-□	3W	146	1	24V DC	6000K~6500K
AL30-6-□	6W	216		24V DC	4000K~4500K
AL30-9-□	9W	296		100~277V AC 50/60Hz	6000K~6500K
AL30-12-□	12W	396		100~277V AC 50/60Hz	4000K~4500K
AL30-15-□	15W	496	3		
AL30-22-□	22W	786	4		
AL30-26-□	26W	986			

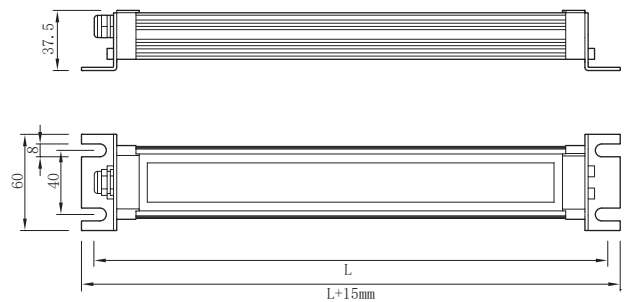
Luminous Flux>120 lm/W



AL45 Series Tube LED Light

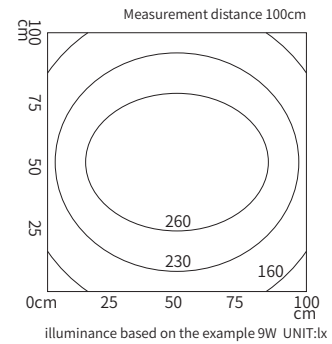
- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Even light distribution, strong color rendering, not glare
- Easy installation and low maintenance rate

Installation Dimension



Model	Power	L(mm)	Num	In. Vol	Color Tem.
AL45-3-□	3W	135	1	24V DC	6000K~6500K
AL45-5-□	5W	235			
AL45-6-□	6W	321			
AL45-10-□	10W	321			
AL45-12-□	12W	443			
AL45-15-□	15W	533	2	24V DC	4000K~4500K
AL45-18-□	18W	619			
AL45-20-□	20W	668			
AL45-24-□	24W	808			
AL45-30-□	30W	1033			

Luminous Flux>120 lm/W



Bracket

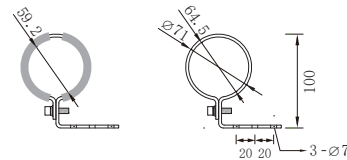
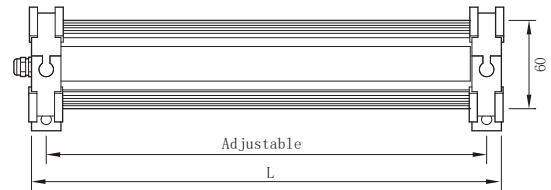
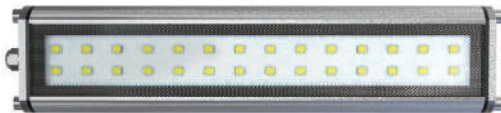


AL60 Series Tube LED light

- Freely adjustable installation
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Easy installation and low maintenance rate

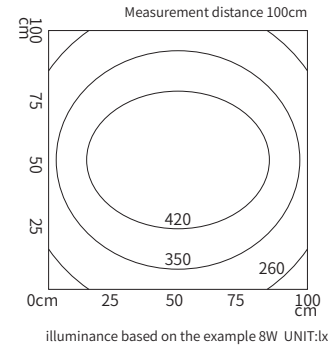
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
AL60-9-□	9W	285	1	24V AC/DC	6000K~6500K
AL60-13-□	13W	430	2	24V AC/DC	4000K~4500K
AL60-17-□	17W	490	3	100~277V AC 50/60Hz	6000K~6500K
AL60-20-□	20W	630	4	100~277V AC 50/60Hz	4000K~4500K
AL60-24-□	24W	735			

Luminous Flux>120 lm/W

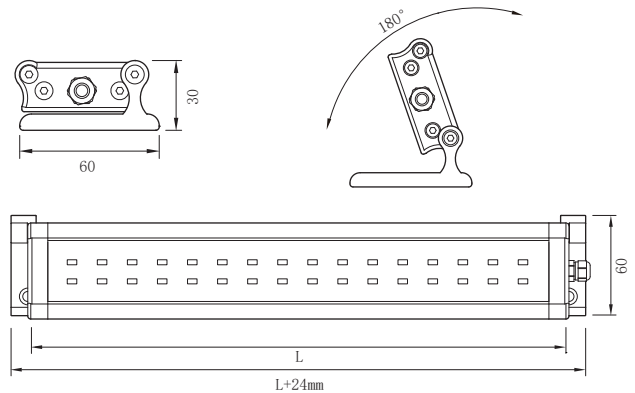


BFLED Series Flat LED light

- 180°adjustable lamp body, more flexible lighting
- Ultra-thin lamp body, small space occupation, simple and stylish appearance
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions

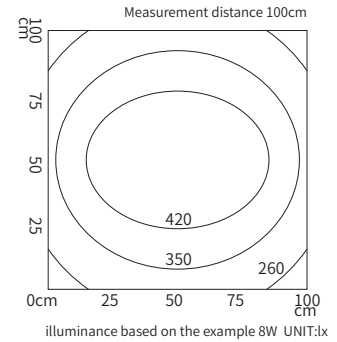
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
BFLED-108-□	8W	288	1	24V DC	6000K~6500K
BFLED-112-□	12W	410			
BFLED-115-□	15W	500	2	24V DC	4000K~4500K
BFLED-118-□	18W	586			

Luminous Flux > 120 lm/W

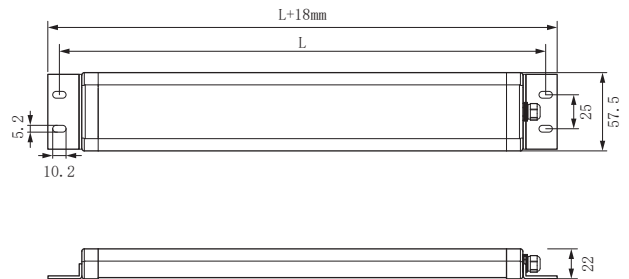


FFLED Series Flat LED Light

- Ultra-thin lamp body, small footprint, simple and stylish arc design
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Easy installation and low maintenance rate

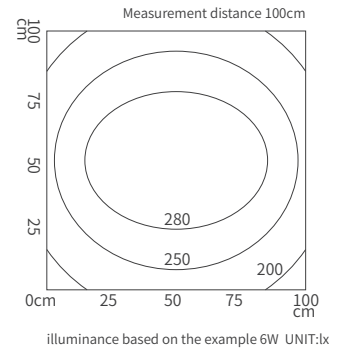
Application:

CNC machine tools, machine tool, machining center and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
FFLED-108-□	8W	271	1	24V DC	6000K~6500K
FFLED-112-□	12W	371			
FFLED-124-□	24W	671	2	24V DC	4000K~4500K

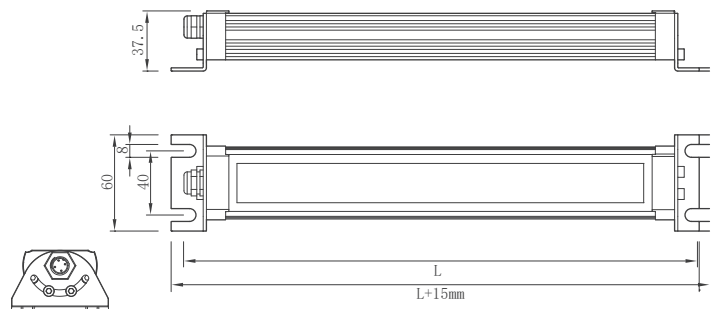
Luminous Flux > 120 lm/W



BL45 Series Tube LED Light

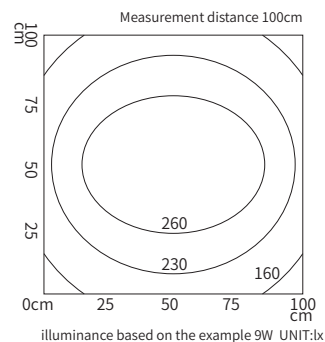
- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Even light distribution, strong color rendering, not glare
- Easy installation and low maintenance rate

Installation Dimension



Model	Power	L(mm)	Num	In. Vol	Color Tem.
BL45-3-□	3W	135	1	24V DC	6000K~6500K
BL45-5-□	5W	235			
BL45-6-□	6W	321	2	24V DC	4000K~4500K
BL45-10-□	10W	321	3	100~277V AC 50/60Hz	6000K~6500K
BL45-12-□	12W	443	4	100~277V AC 50/60Hz	4000K~4500K
BL45-15-□	15W	533			
BL45-18-□	18W	619	11	24V AC/DC	6000K~6500K
BL45-20-□	20W	668			
BL45-24-□	24W	808	12	24V AC/DC	4000K~4500K
BL45-30-□	30W	1033			

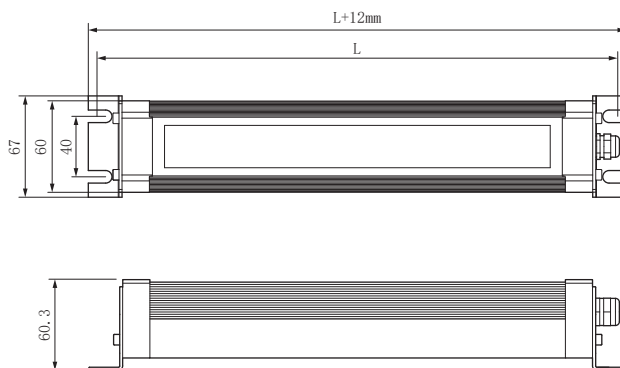
Luminous Flux > 120 lm/W



BL60 Series Tube LED light

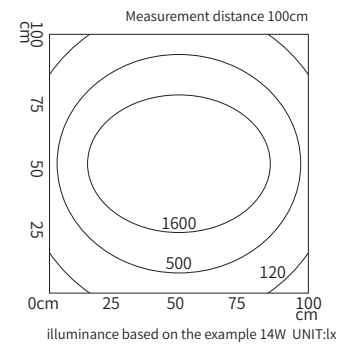
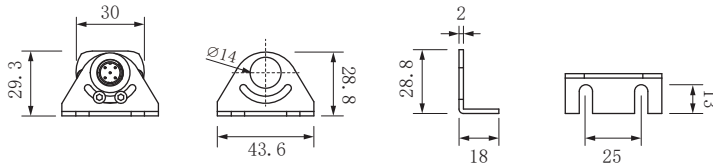
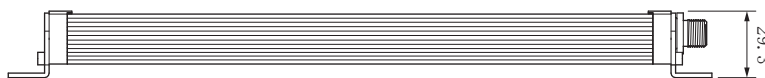
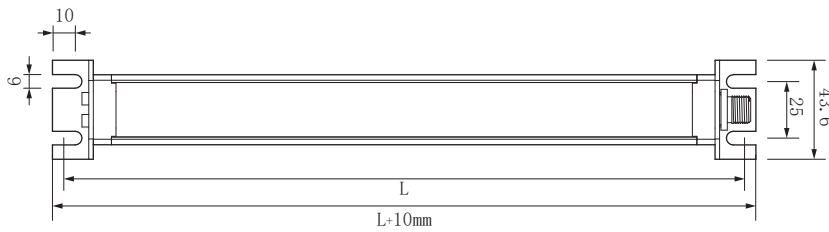
- Classic tubular design, stylish and simple
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Easy installation and low maintenance rate

Application:
CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
BL60-9-□	9W	344	1	24V AC/DC	6000K~6500K
BL60-13-□	13W	490	2	24V AC/DC	4000K~4500K
BL60-17-□	17W	548	3	100~277V AC 50/60Hz	6000K~6500K
BL60-20-□	20W	688	4	100~277V AC 50/60Hz	4000K~4500K
BL60-24-□	24W	793	5	24V DC	6000K~6500K
			6	24V DC	4000K~4500K

Luminous Flux >120 lm/W



CL30 Series Tube LED light

- Uniform distribution of light, excellent color rendering and good lighting effects;
- Easy installation and low maintenance;

Application:

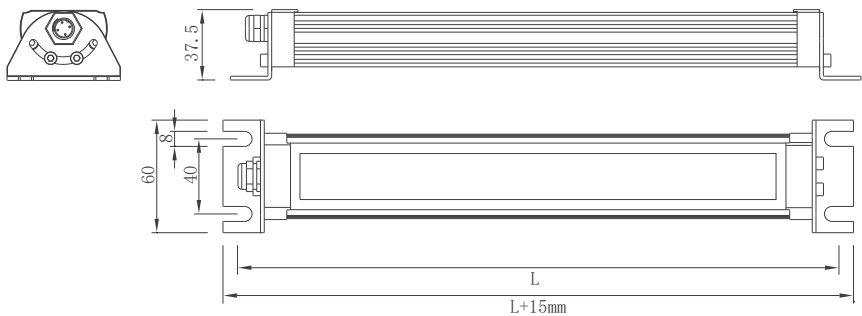
CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
CL30-7-□	7W	296	1	24V DC	6000K~6500K
CL30-14-□	14W	546			
CL30-21-□	21W	802	2	24V DC	4000K~4500K
CL30-26-□	26W	997			

Luminous Flux > 120 lm/W

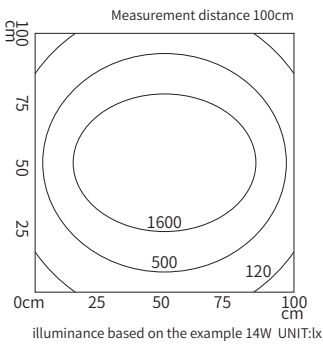


Installation Dimension



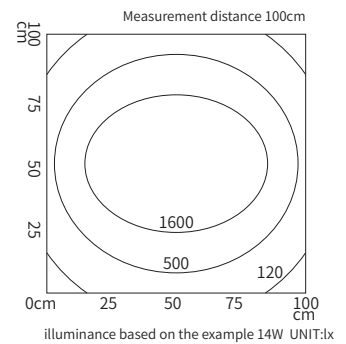
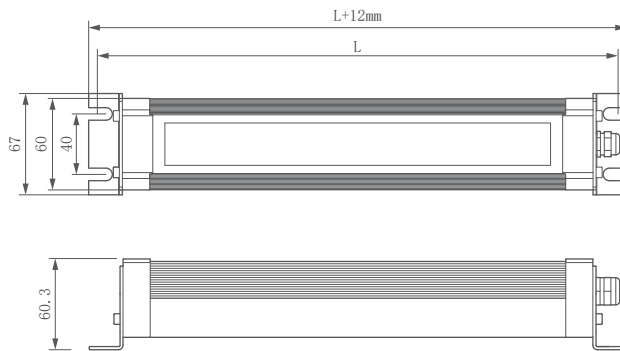
CL45 Series Tube LED Light

- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Even light distribution, strong color rendering, not glare
- Easy installation and low maintenance rate



Model	Power	L(mm)	Num	In. Vol	Color Tem.
CL45-7-□	7W	321	1	24V DC	6000K~6500K
CL45-14-□	14W	443			
CL45-21-□	21W	668	2	24V DC	4000K~4500K
CL45-28-□	28W	808			

Luminous Flux >120 lm/W



CL60 Series Tube LED Light

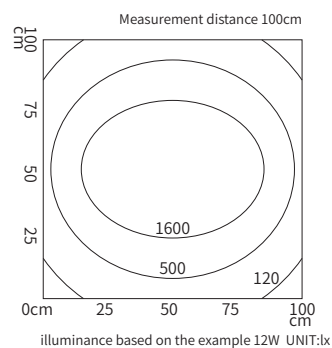
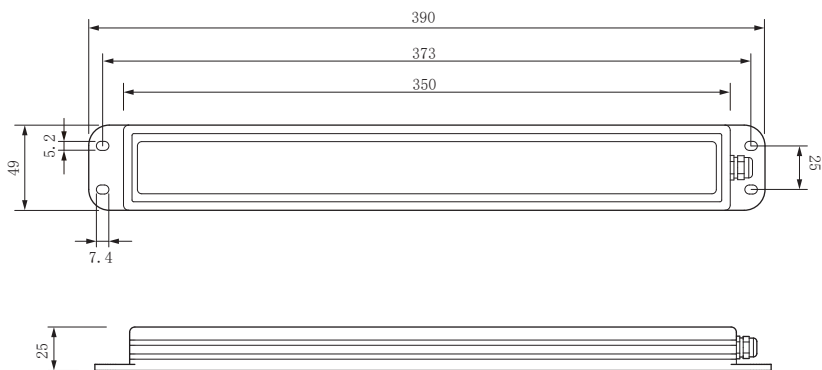
- Classic tubular design, stylish and simple
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Easy installation and low maintenance rate

Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
CL60-7-□	7W	344	1	24V DC	6000K~6500K
CL60-14-□	14W	490			
CL60-21-□	21W	548	2	24V DC	4000K~4500K
CL60-28-□	28W	688			

Luminous Flux > 120 lm/W



IP67

4000k
4500k

6000k
6500k

I or III

>80 icon"/>

>80

100%
CNC

M12

1.5M

+55
-25

life
50000h

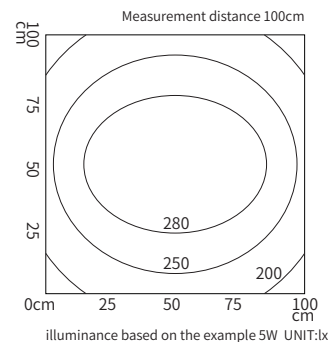
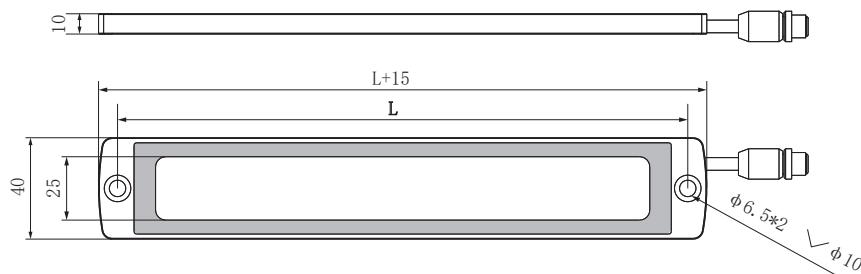
ELED Series Flat LED Light

- Good functions of Water proof, oil proof, anti-corrosion and anti-riot
- Uniform distribution of light, excellent color rendering and good lighting effects
- Easy installation and low maintenance

Application:
CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
ELED-12-□	12W	373	1	24V AC/DC	6000K~6500K
			2	24V AC/DC	4000K~4500K

Luminous Flux > 120 lm/W



FPLED Series Flat LED Light

- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Adopt high-quality aluminum with good heat dissipation and transparent toughened glass with high safety
- High-quality AC/DC electronic driver, low power consumption, protection circuit, long life

Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

order eg.:

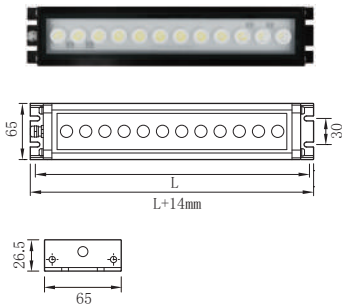
FPLED - 1 05 - 1

5W 24V DC 6000K~6500K

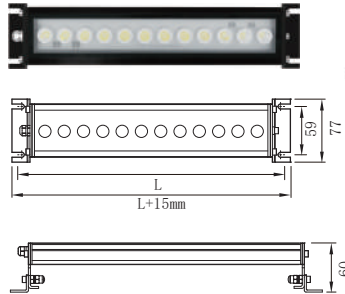
Model	Power	L(mm)	Num	In. Vol	Color Tem.
FPLED-105-□□	5W	225	1	24V DC	6000K~6500K
FPLED-108-□□	8W	300			
FPLED-112-□□	12W	400			
FPLED-115-□□	15W	500	2	24V DC	4000K~4500K

Luminous Flux > 120 lm/W

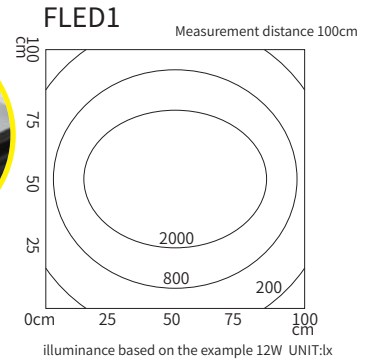
FLED1



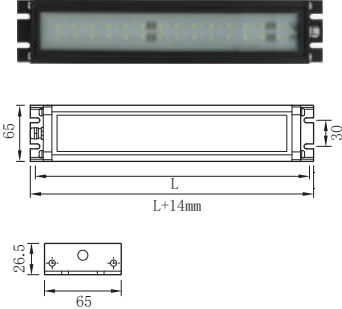
FLED1-X



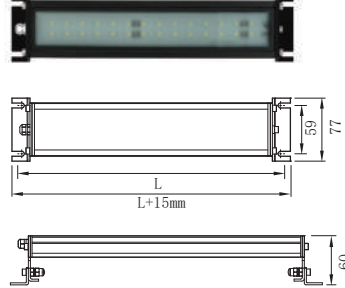
White frosted glass
lens lamp beads



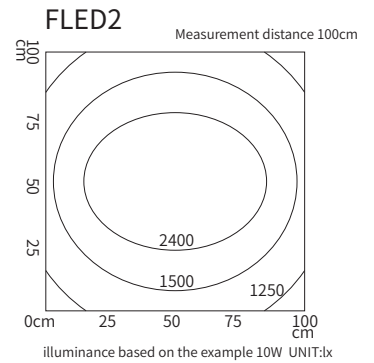
FLED2



FLED2-X



Reticulated glass
two rows of beads



FLED Series Working Light

- High light-700 lux(150cm);
- The appearance is simple and fashion;
- Ultrathin lamp body, using small space;
- High quality of aluminum PCB, lens.

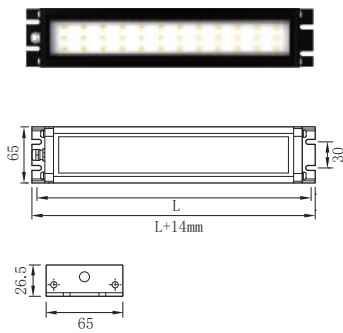
Application:

CNC machine tools, machine tool, machining center and other lighting.

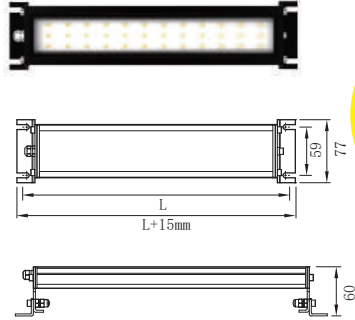
Model	Power	L(mm)	Num	In. Vol	Color Tem.
FLED1-112-□	12W	314	1	24V DC	6000K~6500K
FLED1-112-□X	12W	315			
FLED2-110-□	10W	314	2	24V DC	4000K~4500K
FLED2-110-□X	10W	315			

Luminous Flux>120 lm/W

FLED3

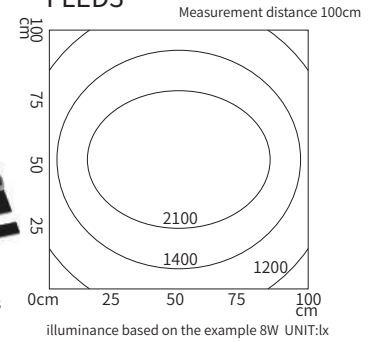


FLED3-X

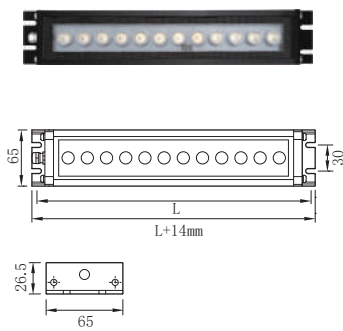


Reticulated glass
three rows of light beads

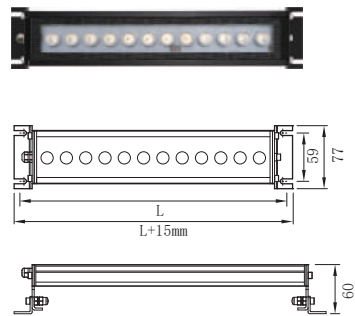
FLED3



FLED4

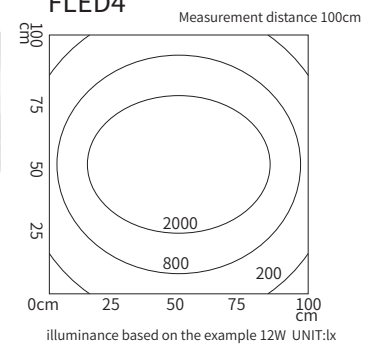


FLED4-X



Reticulated glass
lens lamp beads

FLED4



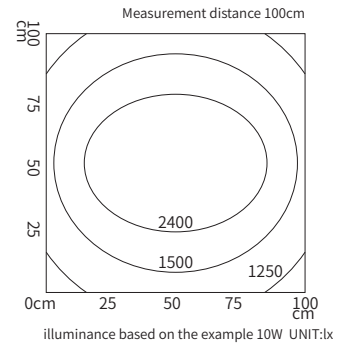
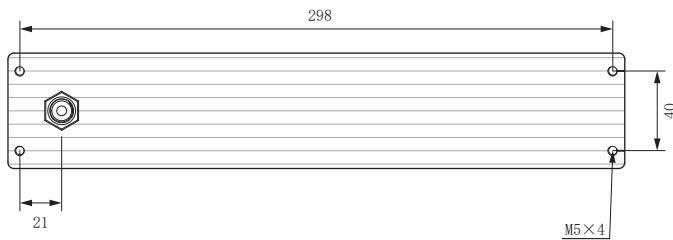
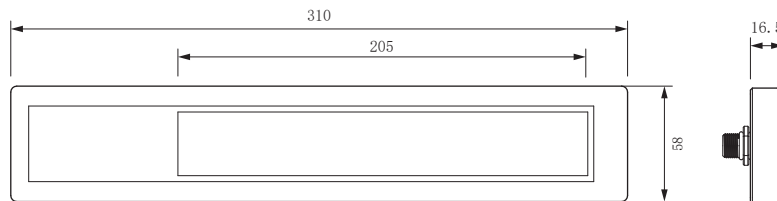
- High light-700 lux(150cm);
- The appearance is simple and fashion;
- Ultrathin lamp body, using small space;
- High quality of aluminum PCB, lens.

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
FLED3-108-□	8W	244	1	24V DC	6000K~6500K
FLED3-108-□X	8W	245			
FLED3-112-□	12W	314			
FLED3-112-□X	12W	315			
FLED3-120-□	20W	444			
FLED3-120-□X	20W	445			
FLED3-125-□	25W	534	2	24V DC	4000K~4500K
FLED3-125-□X	25W	535			
FLED4-112-□	12W	314			
FLED4-112-□X	12W	315			
FLED4-120-□	20W	444			
FLED4-120-□X	20W	445			
FLED4-125-□	25W	534			
FLED4-125-□X	25W	535			

Luminous Flux>120 lm/W



- #1 brown= Not connected
- #2 white= Not connected
- #3 blue= 0V DC
- #4 black= +24V DC
- #5 gray= Not connected



OFA Series Tube LED light

- Classic and simple shape, slim body
- High-quality LED light source, with low power consumption, high efficiency and long life
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions

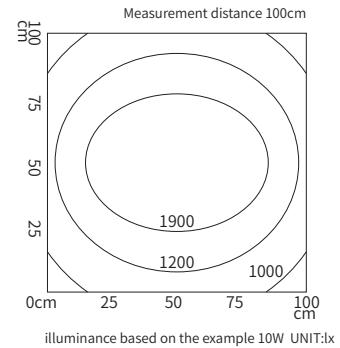
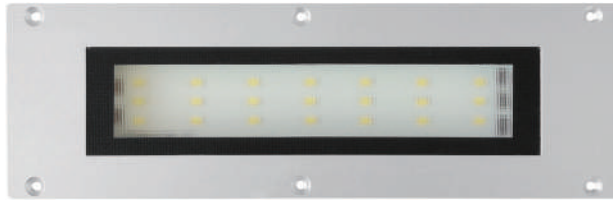
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

L: Installation Dimension

Model	Power	L(mm)	Num	In. Vol	Color Tem.
OFA-110-□	10W	298	1	24V DC	6000K~6500K
			2	24V DC	4000K~4500K

Luminous Flux >120 lm/W



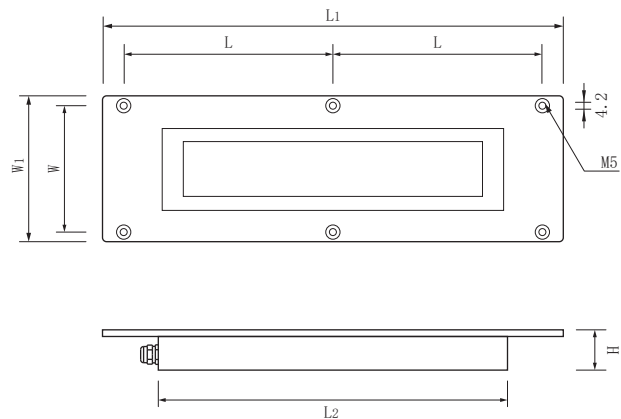
CLED Series Embedded LED Light

- Embedded design, ultra-thin lamp body, small footprint
- Uniform light distribution, strong color rendering, good lighting effect
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions

Application:

CNC machine tools, machine tool, machining center and other lighting.

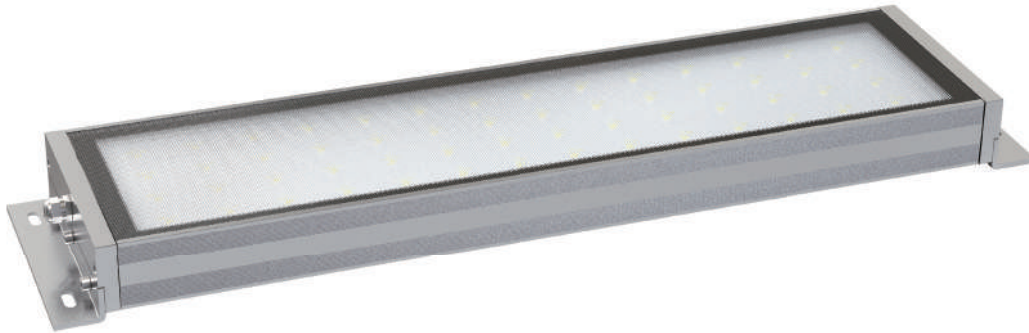
Installation Dimension



Model	Power	W(mm)	W1(mm)	L(mm)	L1(mm)	L2(mm)	H(mm)	Num	In. Vol	Color Tem.
CLED-110-□	10W	78	90	133×2	286	217	25	1	24V DC	6000K~6500K
CLED-112-□	12W	65	80	187×2	389	327	33.5		24V DC	4000K~4500K
CLED-115-□	15W	90	105	146.5×2	308	254	29.6	2	24V DC	4000K~4500K

Luminous Flux >120 lm/W

- High light -1200~1500 lux(150cm)
- The appearance is simple and fashion
- Ultrathin lamp body, using small space

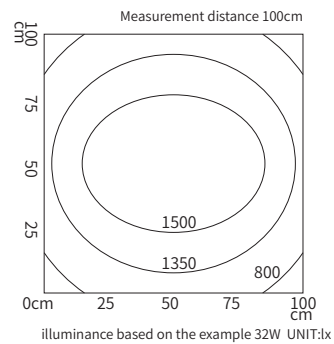
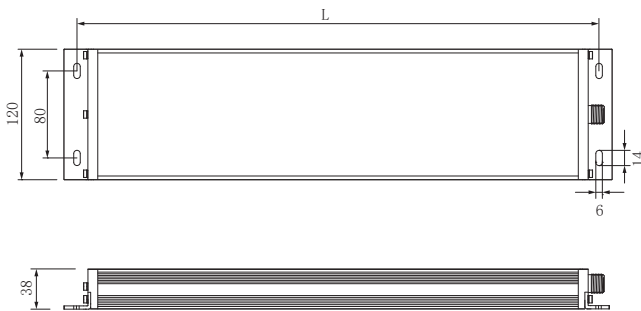


FHLED1 Series Flat LED Light



Application:

CNC machine tools, machine tool, machining center and other lighting.



Model	Power	L(mm)	W(mm)	Num	In. Vol	Color Tem.
FHLED1-120-□	20W	300	120	1	24V DC	6000K~6500K
FHLED1-132-□	32W	495	120	2	24V DC	4000K~4500K
FHLED1-150-□	50W	650	120			

Luminous Flux >120 lm/W

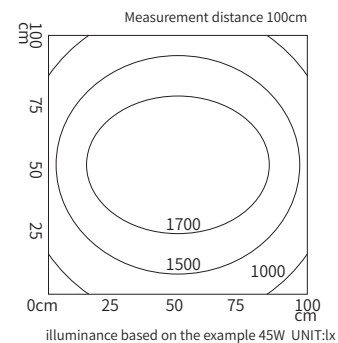
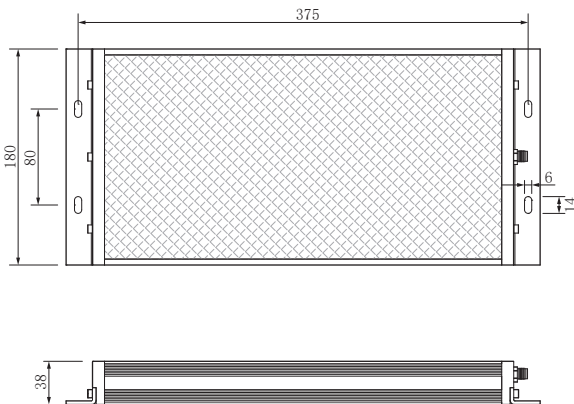


FHLED2 Series Flat LED Light

- High light -1200~1500 lux(150cm)
- The appearance is simple and fashion
- Ultrathin lamp body, using small space

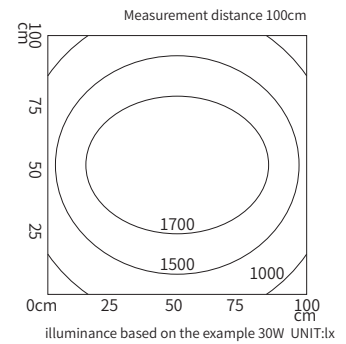
Application:

CNC machine tools, machine tool, machining center and other lighting.



Model	Power	L(mm)	W(mm)	Num	In. Vol	Color Tem.
FHLED2-145-□	45W	375	180	1	24V DC	6000K~6500K
FHLED2-170-□	70W	700	180	2	24V DC	4000K~4500K

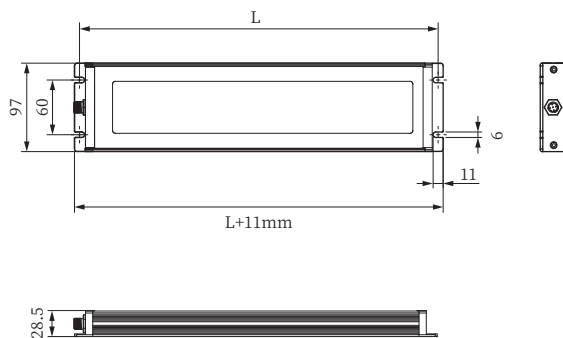
Luminous Flux > 120 lm/W



#1 brown=not connected
 #2 white=not connected
 #3 blue=0V DC
 #4 black=+24V DC
 #5 gray=not connected



OFE Series LED Light



- Bracket installation is convenient and fast, large panel, large lighting range
- High quality LED light source, low power consumption, high performance, long life
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions

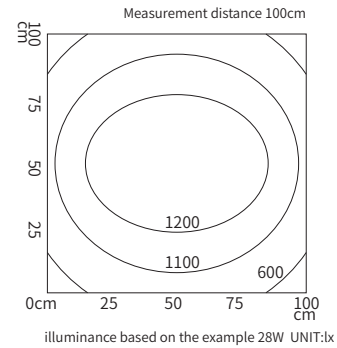
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

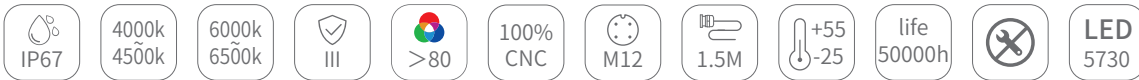
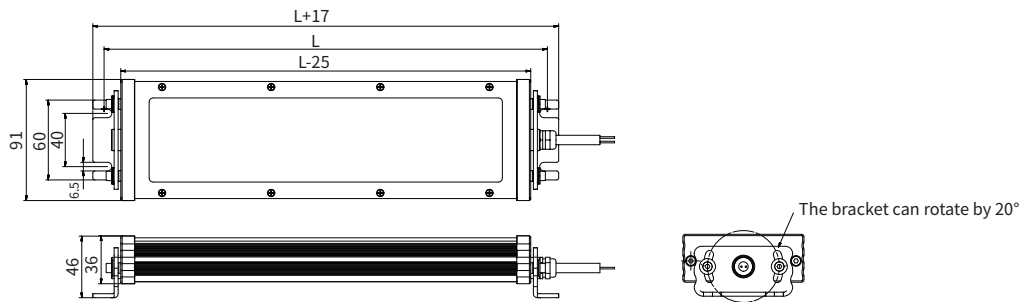
L: Installation Dimension

Model	Power	L(mm)	Num	In. Vol	Color Tem.
OFE-110-□	10W	260	1	24V DC	6000K~6500K
OFE-120-□	20W	460		24V DC	4000K~4500K
OFE-130-□	30W	660	2	24V DC	

Luminous Flux >120 lm/W



L: Installation Dimension



OPLED Series Flat LED Light

- The diffuser is anti-glare, so that the operator can work in a good and comfortable light environment
- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, not glare

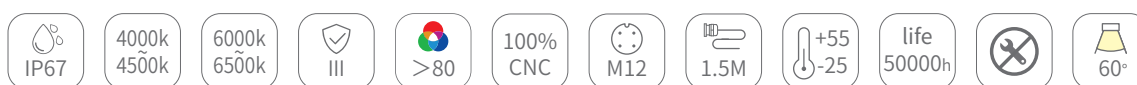
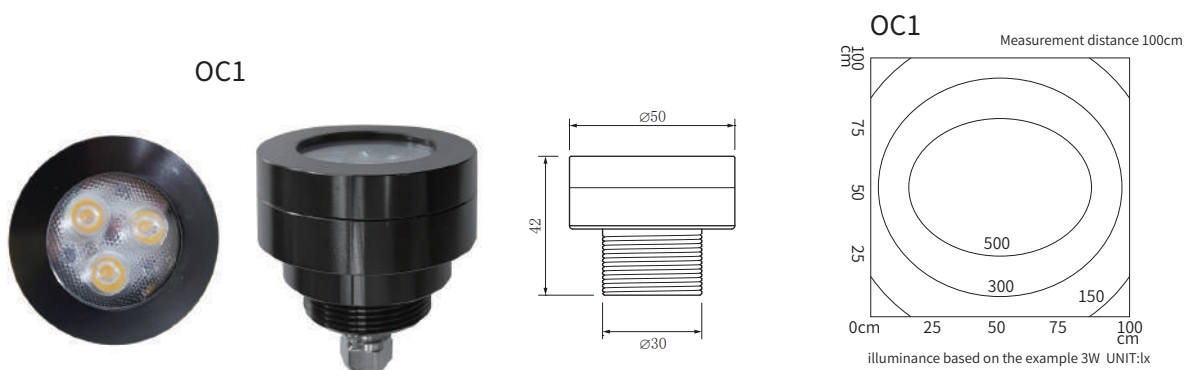
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

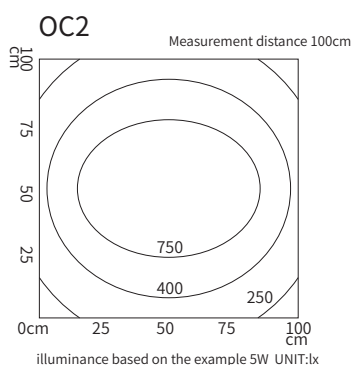
L: Installation Dimension

Model	Power	L(mm)	Num	In. Vol	Color Tem.
OPLED-28-□□	28W	333	1	24V AC/DC	6000K~6500K
OPLED-56-□□	56W	623			
OPLED-84-□□	84W	913	2	24V AC/DC	4000K~4500K

Luminous Flux > 120 lm/W



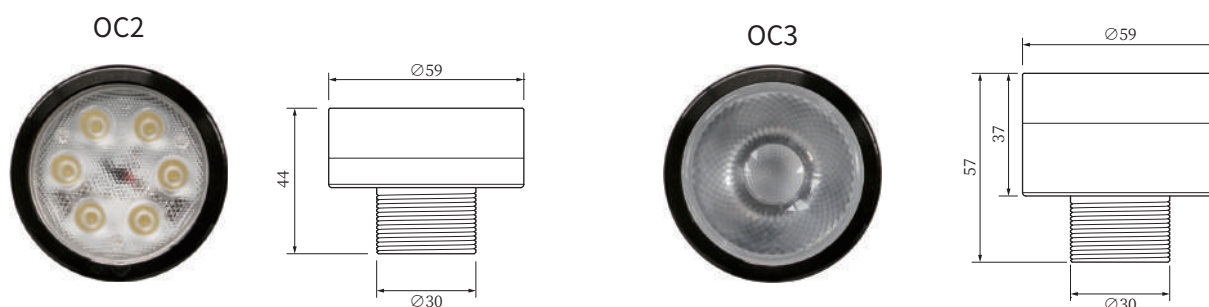
OC Series Small Spot LED Light



- With waterproof, oil-proof, corrosion-proof and explosion-proof functions
- Uniform light distribution, strong color rendering, good lighting effect, no glare
- Small size, easy installation and low maintenance rate

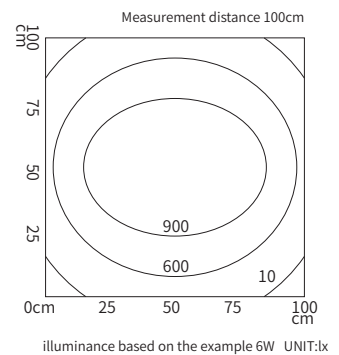
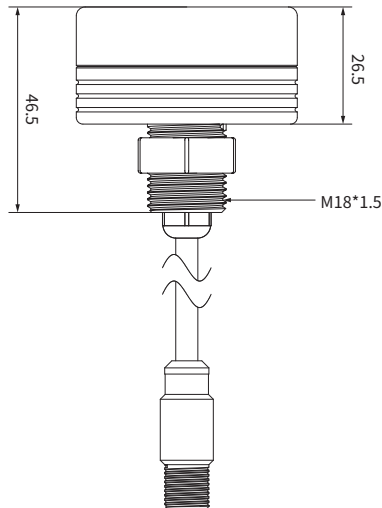
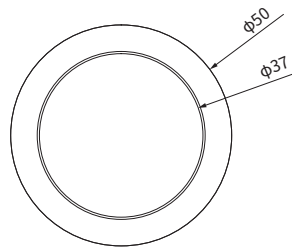
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
OC1-103-□	3W	50	1	24V DC	6000K~6500K
OC1-105-□	5W	50			
OC2-103-□	3W	59			
OC2-105-□	5W	59	2	24V DC	4000K~4500K
OC3-105-□	5W	59			

Luminous Flux>120 lm/W



OC4 Series Small Spot LED Light

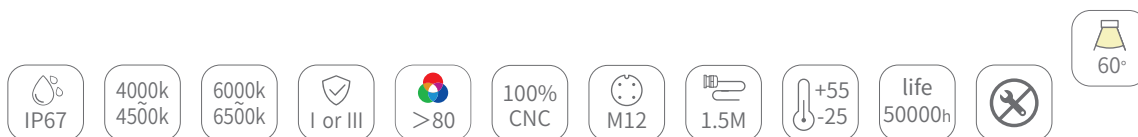
- Small size, easy installation and low maintenance rate
- Waterproof, oil-proof, corrosion-proof and explosion-proof functions
- High-quality LED light source, with low power consumption, high efficiency and long life

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	Num	In. Vol	Color Tem.
OC4-106- □ □	6W	1	24V DC	6000K~6500K
		2	24V DC	4000K~4500K

Luminous Flux >120 lm/W

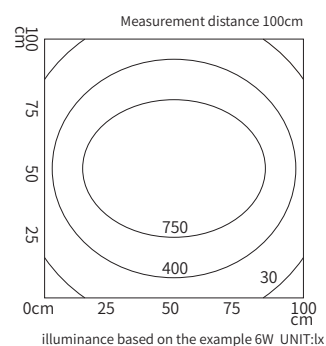


OC5 Series Small Spot LED Light

- Durable high-quality lighting
- Aluminum shell, thickened safety glass
- Integrate with the machine to save space
- Resistant to various coolants, lubricants, high temperature, vibration and shock

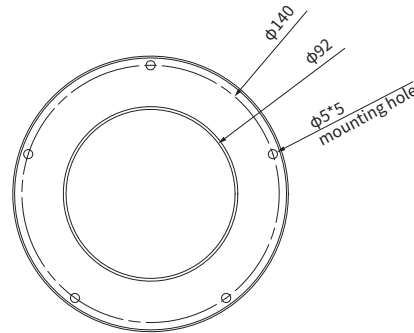
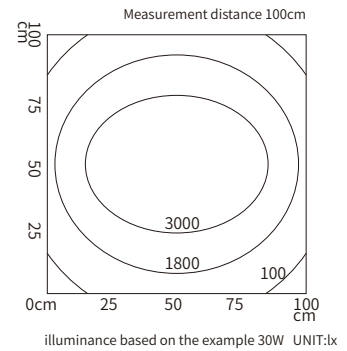
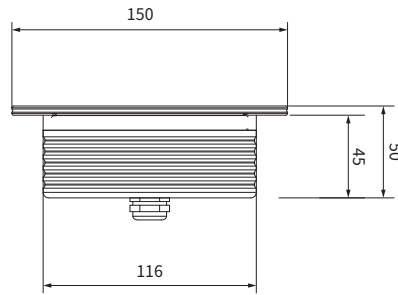
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.



Model	Power	L(mm)	Num	In. Vol	Color Tem.
OC5-106-□	6W	99	1	24V DC	6000K~6500K
			2	24V DC	4000K~4500K
			3	100~277V AC 50/60Hz	6000K~6500K
			4	100~277V AC 50/60Hz	4000K~4500K

Luminous Flux>120 lm/W



OC6 Series Small Spot LED Light

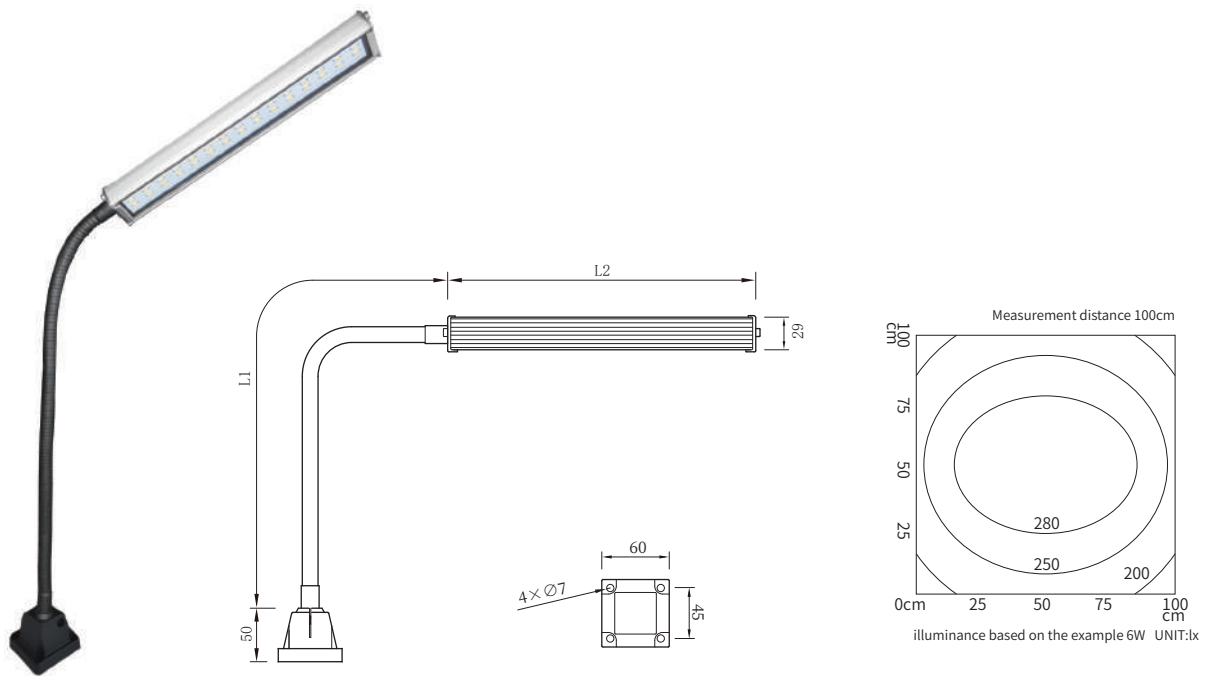
- Small size, easy installation and low maintenance rate
- Waterproof, oil-proof, corrosion-proof and explosion-proof functions
- High-quality LED light source, with low power consumption, high efficiency and long life

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	Num	In. Vol	Color Tem.
OC6-130-□□	30W	1	24V DC	6000K~6500K
		2	24V DC	4000K~4500K

Luminous Flux >120 lm/W



TLED Series LED Working Table Light

- Irradiation angle can be arbitrarily selected, which is very flexible and maximizes the lighting of the work area
- Good spotlight effect, uniform light distribution, strong color rendering
- Easy installation and low maintenance rate

Application:

Suitable for local illumination of designing, drawing, assemble line, test of products, which are best fixture for office environment, computer table.

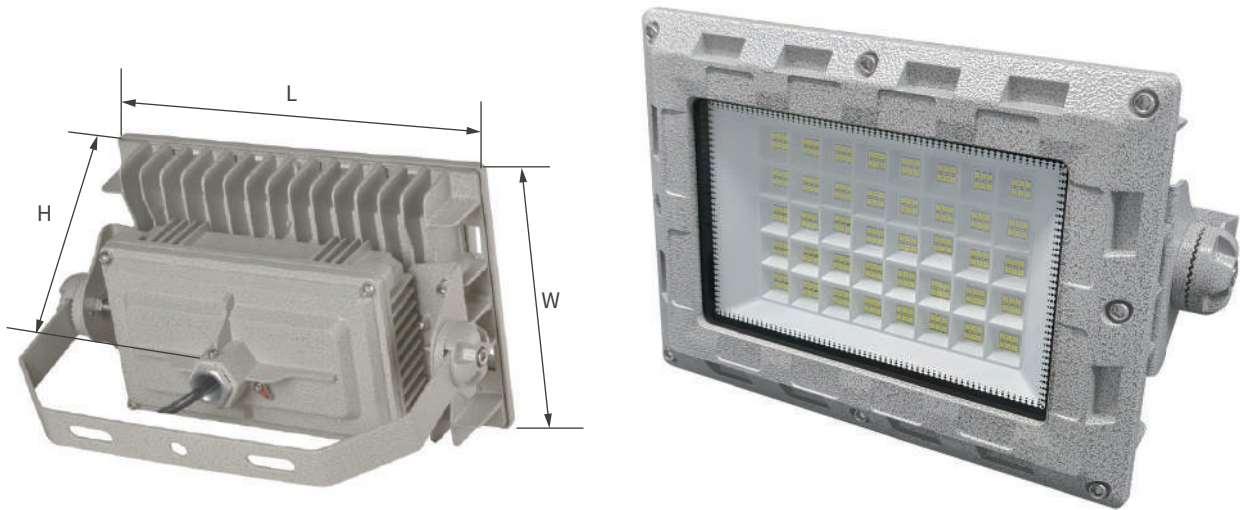
order eg.:

TLED1 - 1 06 - 1

6W
24V AC/DC
6000K~6500K

Model	Power	L1(mm)	L2(mm)	Num	In. Vol	Color Tem.
TLED1-106-□	6W	300 460	275	1	24V AC/DC	6000K~6500K
				2	24V AC/DC	4000K~4500K
TLED1-110-□	10W	300 460	275	3	100~277V AC 50/60Hz	6000K~6500K
				4	100~277V AC 50/60Hz	4000K~4500K

Luminous Flux>120 lm/W



FXLED1 Series LED Explosion-proof Work Light

- The shell is made of high-pressure die-cast aluminum alloy, with its surface treated by shot blasting followed by high-voltage electrostatic plastic spraying.
- It adopts high-brightness LED light source matched with a high-efficiency constant-current driver, saving up to 60% energy compared with gas discharge lamps.
- The circuit substrate is closely attached to the housing, instantly converting a point heat source into a surface heat source. The heat dissipation area is doubled, facilitating rapid heat dissipation and improving heat dissipation efficiency.
- The heat dissipation area is greatly increased to fully meet the heat dissipation requirements of LEDs, ensuring a longer service life.
- The circuit substrate features low thermal resistance with a specially designed modular circuit. Failure of any single unit will not affect the normal operation of other components.

Model	Power	L(mm)	W(mm)	H(mm)	Color Tem.
FXLED1- 50	50W	290	210	160	3000K~6000K
FXLED1-100	100W	290	210	160	
FXLED1-150	150W	340	240	170	
FXLED1-200	200W	340	240	170	
FXLED1-250	250W	410	290	180	
FXLED1-250	300W	410	290	180	

Luminous Flux > 120 lm/W

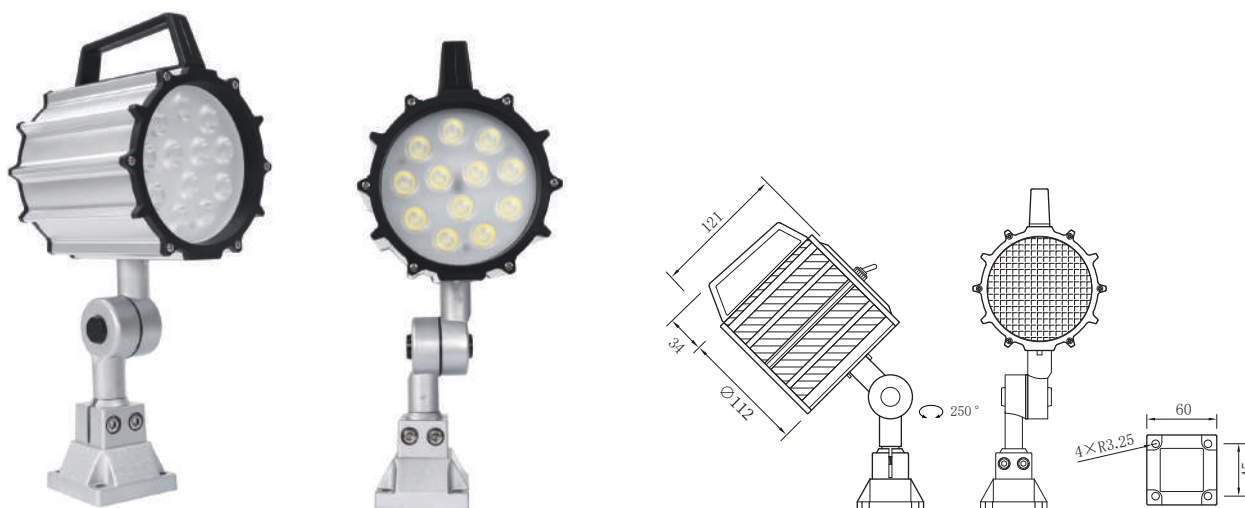


FXLED2 Series LED Explosion-proof Work Light

- The shell is made of high-pressure die-cast aluminum alloy, with its surface treated by shot blasting followed by high-voltage electrostatic plastic spraying.
- It adopts high-brightness LED light source matched with a high-efficiency constant-current driver, saving up to 60% energy compared with gas discharge lamps.
- The circuit substrate is closely attached to the housing, instantly converting a point heat source into a surface heat source. The heat dissipation area is doubled, facilitating rapid heat dissipation and improving heat dissipation efficiency.
- The heat dissipation area is greatly increased to fully meet the heat dissipation requirements of LEDs, ensuring a longer service life.
- The circuit substrate features low thermal resistance with a specially designed modular circuit. Failure of any single unit will not affect the normal operation of other components.

Model	Power	L(mm)	H(mm)	Color Tem.
FXLED2- 50	50W	φ210	180	3000K~6000K
FXLED2-100	100W	φ210	180	
FXLED2-150	150W	φ290	210	
FXLED2-200	200W	φ290	210	
FXLED2-250	250W	φ370	240	
FXLED2-300	300W	φ370	240	

Luminous Flux > 120 lm/W



EMLED Series Pivoting-Head/Arm-Mounted LED Light

- EMLED series are available as long-arm, short-arm and no arm variant
- The base can rotate 320 degree, radiation angle can be arbitrary choice
- Concentrating effect are nice, a maximum positioning allows a use-friendly lighting in the working area

Application:

EMLED series are especially designed for machine tools where special tasks call for an intense and strong point light, these series are used in machines where coolant, oil, water and other fluids are present.

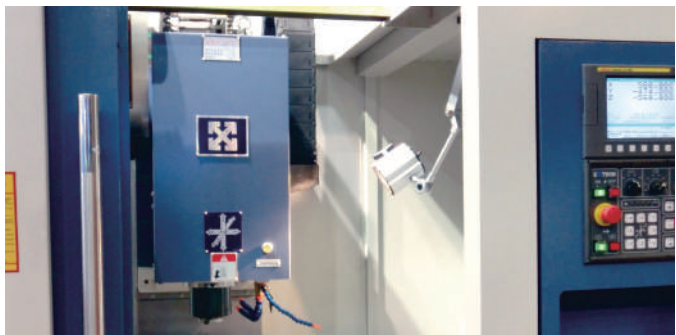
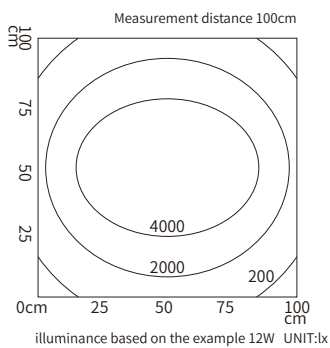
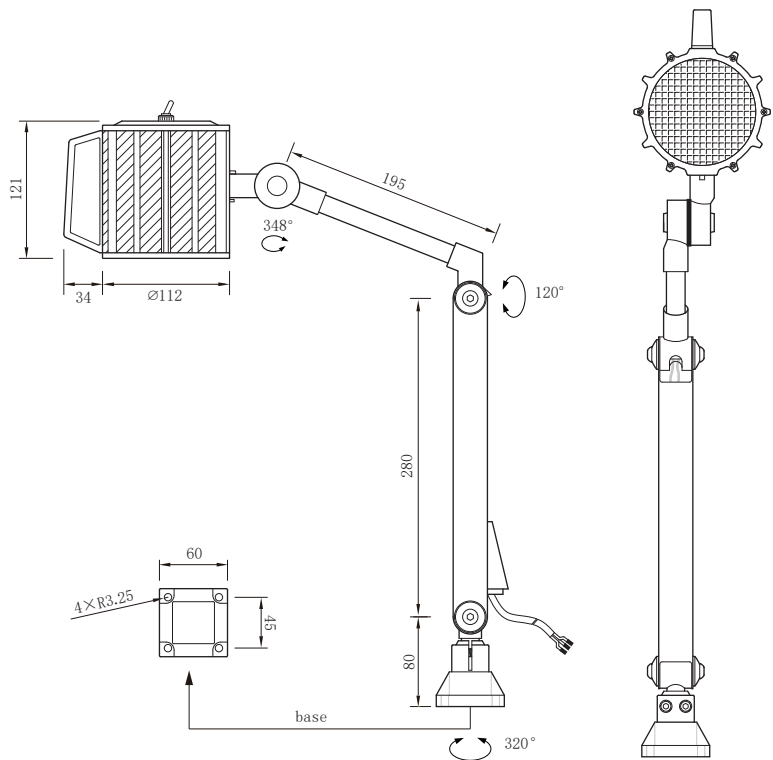
order eg.:

EMLED - 1 09 - 1

9W 24V AC/DC 6000K~6500K without arm

Model	Power	Num	In. Vol	Color Tem.	Arm
EMLED-109-□	9W	1	24V AC/DC	6000K~6500K	without arm
EMLED-112-□	12W	2	24V AC/DC	4000K~4500K	without arm
		3	100~277V AC 50/60Hz	6000K~6500K	without arm
EMLED-115-□	15W	4	100~277V AC 50/60Hz	4000K~4500K	without arm

Luminous Flux > 120 lm/W



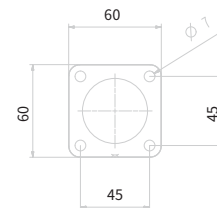
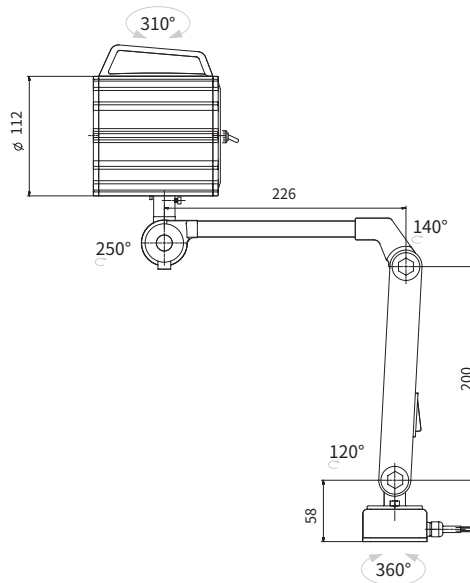
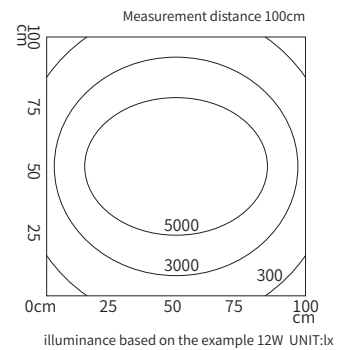
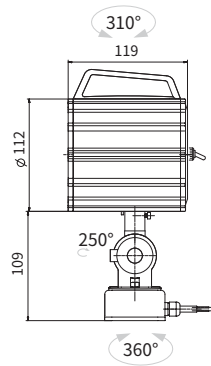
order eg.:

EMLED - 1 09 - 5

9W 24V AC/DC 6000K~6500K with arm

Model	Power	Num	In. Vol	Color Tem.	Arm
EMLED-109-□	9W	5	24V AC/DC	6000K~6500K	with arm
EMLED-112-□	12W	6	24V AC/DC	4000K~4500K	with arm
EMLED-115-□	15W	7	100~277V AC 50/60Hz	6000K~6500K	with arm
		8	100~277V AC 50/60Hz	4000K~4500K	with arm

Luminous Flux>120 lm/W

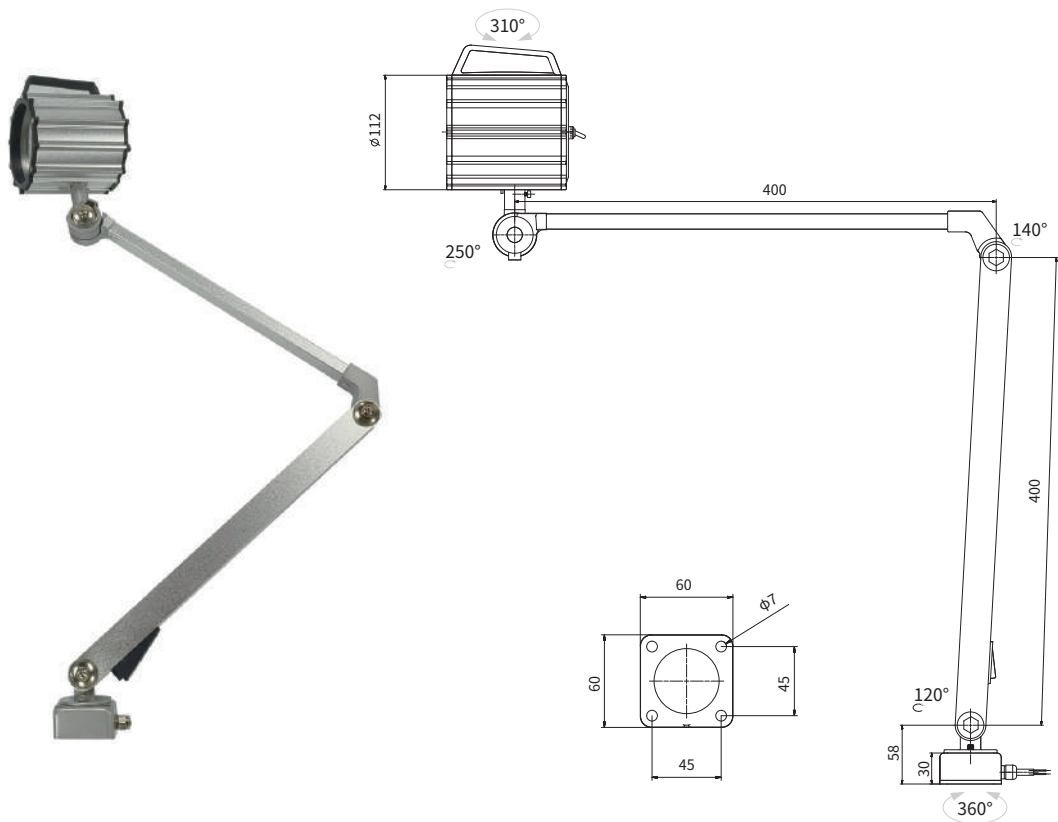


HMLED Series Pivoting-Head/Arm-Mounted LED Light

- HMLED series are available as long-arm, short-arm and no arm variant
- The base can rotate 360 degree, radiation angle can be arbitrary choice
- Concentrating effect are nice, a maximum positioning allows a use-friendly lighting in the working area

Application:

HMLED series are especially designed for machine tools where special tasks call for an intense and strong point light, these series are used in machines where coolant, oil, water and other fluids are present.



order eg.:

HMLED - 1 12 - 1

12W 24V AC/DC 6000K~6500K

Model	Power	Num	In. Vol	Color Tem.	Arm
HMLED-112-□	12W	1	24V AC/DC	6000K~6500K	without arm
		2	24V AC/DC	4000K~4500K	without arm
		3	100~277V AC 50/60Hz	6000K~6500K	without arm
		4	100~277V AC 50/60Hz	4000K~4500K	without arm
		5	24V AC/DC	6000K~6500K	200mm
		6	24V AC/DC	4000K~4500K	200mm
		7	100~277V AC 50/60Hz	6000K~6500K	200mm
		8	100~277V AC 50/60Hz	4000K~4500K	200mm
		9	24V AC/DC	6000K~6500K	400mm
		10	24V AC/DC	4000K~4500K	400mm
		11	100~277V AC 50/60Hz	6000K~6500K	400mm
		12	100~277V AC 50/60Hz	4000K~4500K	400mm

Luminous Flux >120 lm/W



SPLED Series Flexible-Head LED Light

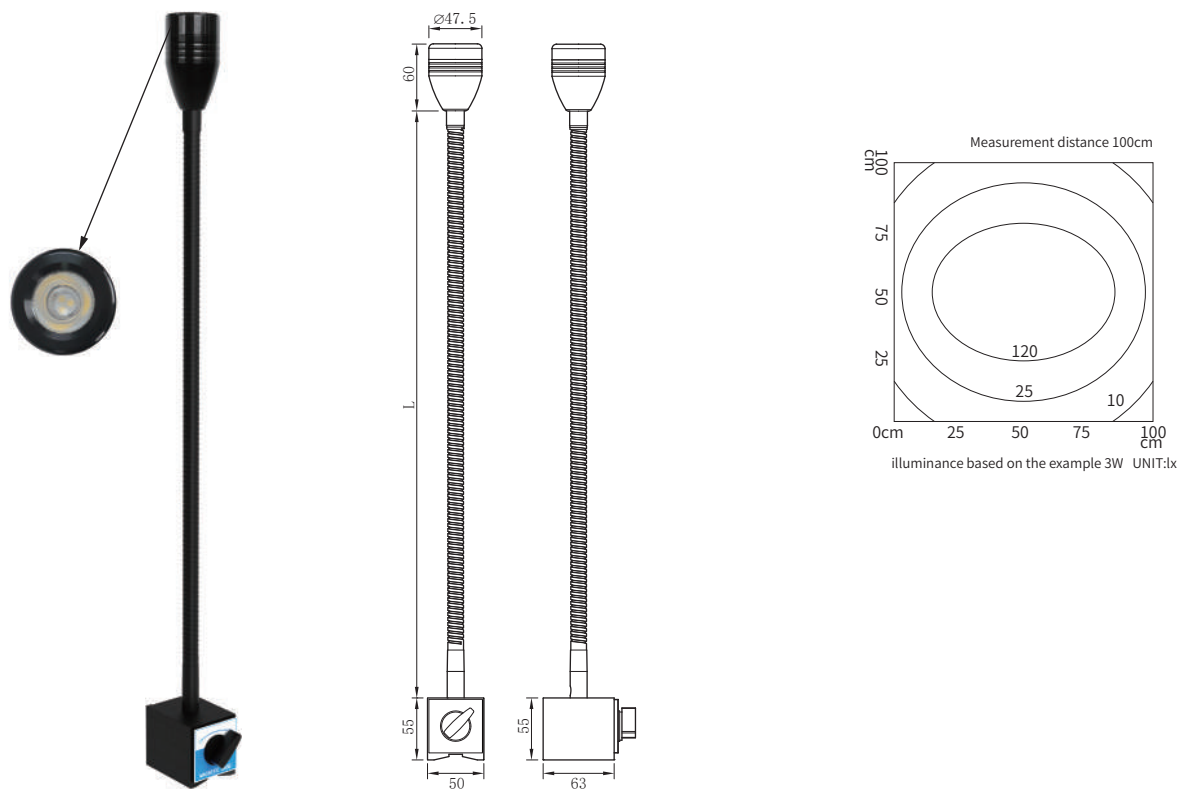
- Flexible adjustment, improve work efficiency
- Even light distribution, strong color rendering and good lighting effect
- With waterproof, oil-proof, corrosion-proof and explosion-proof functions
- Low power consumption, protection circuit function, long life

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
SPLED-103-□	3W	500	1	24V DC	6000K~6500K
			2	24V DC	4000K~4500K
			3	100~277V AC 50/60Hz	6000K~6500K
			4	100~277V AC 50/60Hz	4000K~4500K
			11	24V AC/DC	6000K~6500K
			12	24V AC/DC	4000K~4500K

Luminous Flux > 120 lm/W



IP65

4000k
4500k

6000k
6500k

I or III

>80

100%
CNC

plug

1.5M

+55
-25

life
50000h

60°

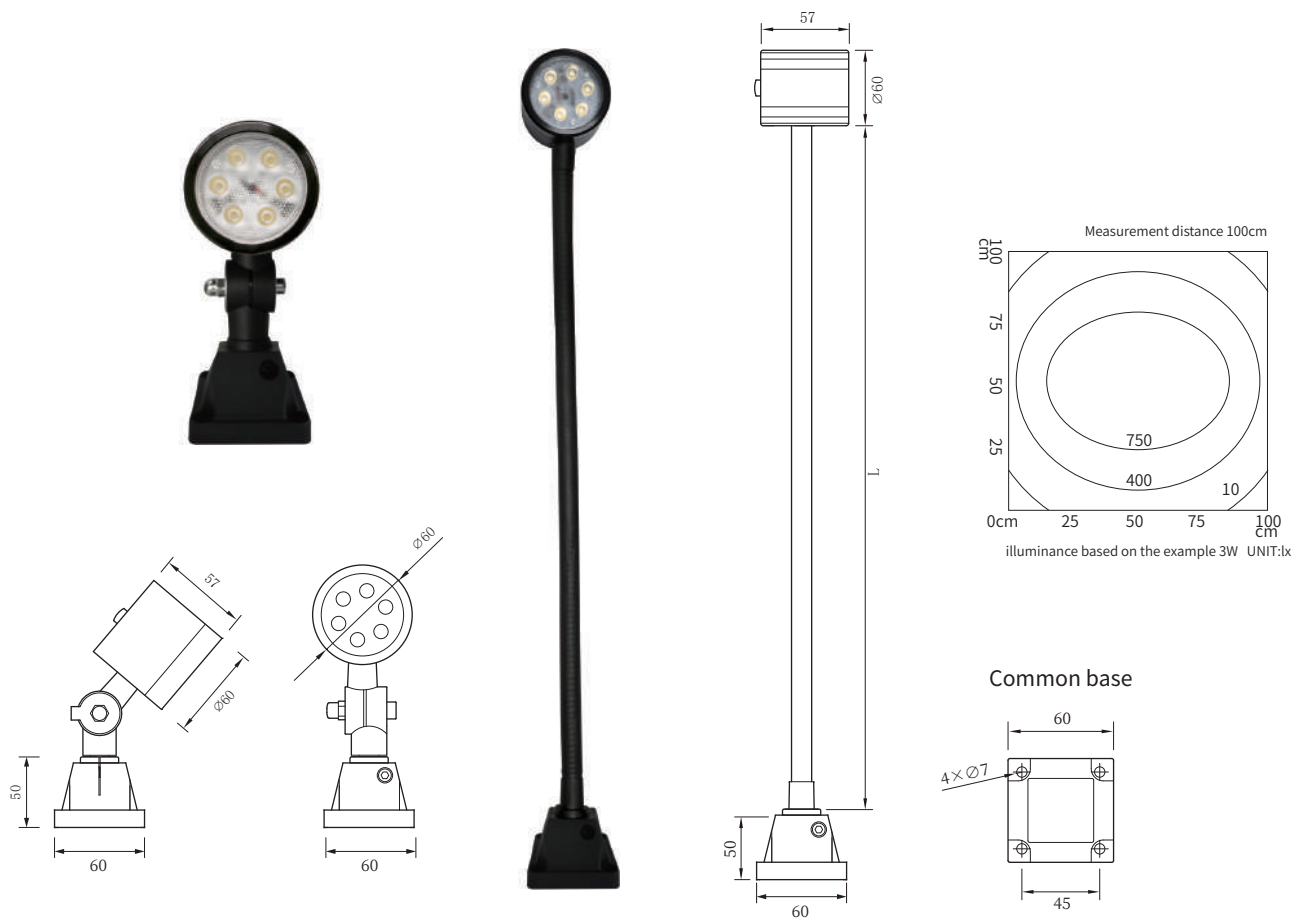
SPLED1 Series Flexible-Head LED Light

- Flashlight shape, flexible and compact
 - Waterproof, oil-proof, corrosion-proof and explosion-proof functions
 - Powerful magnet, suitable for any position of the machine
- Application:**

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
SPLED1-103-□ □	3W	500	1	24V DC	6000K~6500K
			2	24V DC	4000K~4500K
			3	100~277V AC 50/60Hz	6000K~6500K
			4	100~277V AC 50/60Hz	4000K~4500K
			11	24V AC/DC	6000K~6500K
			12	24V AC/DC	4000K~4500K

Luminous Flux>120 lm/W



SLED Series Flexible-Head LED Light

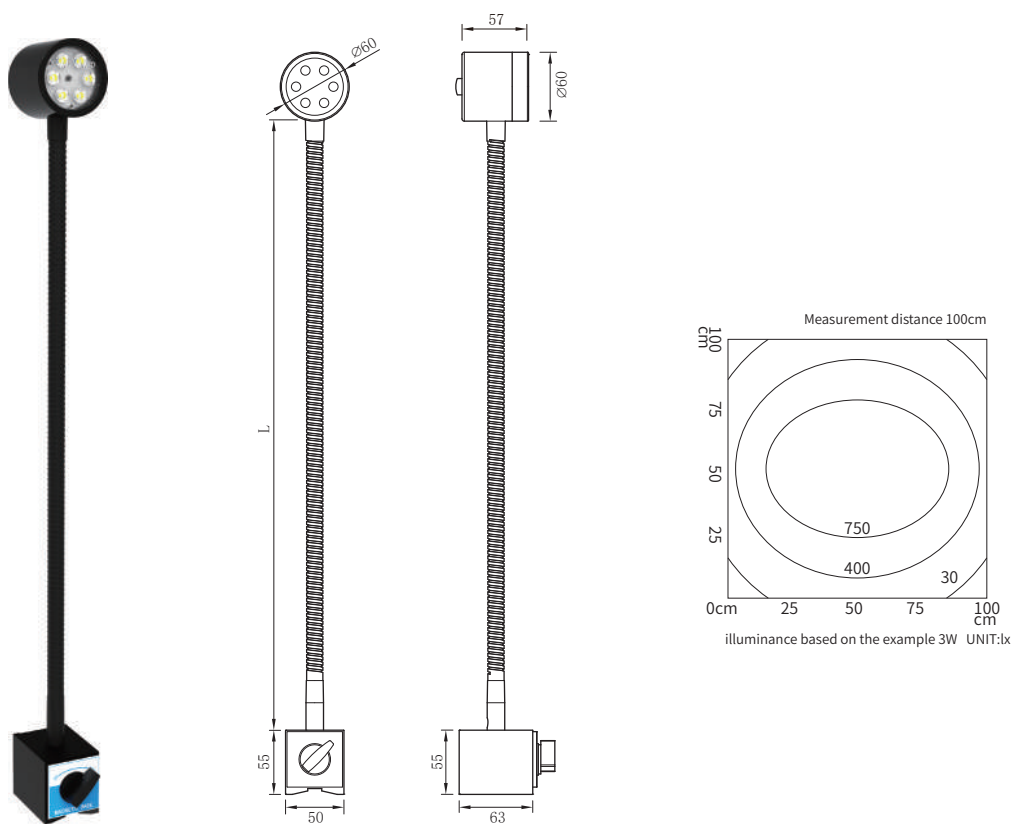
- Waterproof, oil-proof, corrosion-proof and explosion-proof functions
- Easy installation and low maintenance rate
- High-quality LED light source, with low power consumption, high efficiency and long life

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	Num	In. Vol	Color Tem.	Pole length
SLED1-103-□ □	3W	1	24V DC	6000K~6500K	A=without arm
		2	24V DC	4000K~4500K	
		3	100~277V AC 50/60Hz	6000K~6500K	B=300(mm)
SLED1-105-□ □	5W	4	100~277V AC 50/60Hz	4000K~4500K	C=460(mm)
		11	24V AC/DC	6000K~6500K	
		12	24V AC/DC	4000K~4500K	D=710(mm)

Luminous Flux > 120 lm/W



SLED Series Flexible-Head LED Light

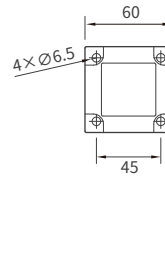
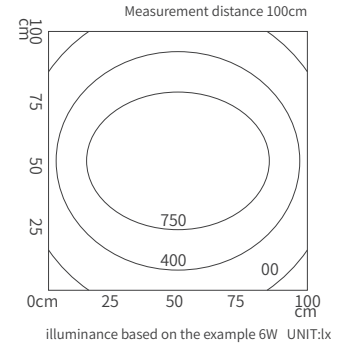
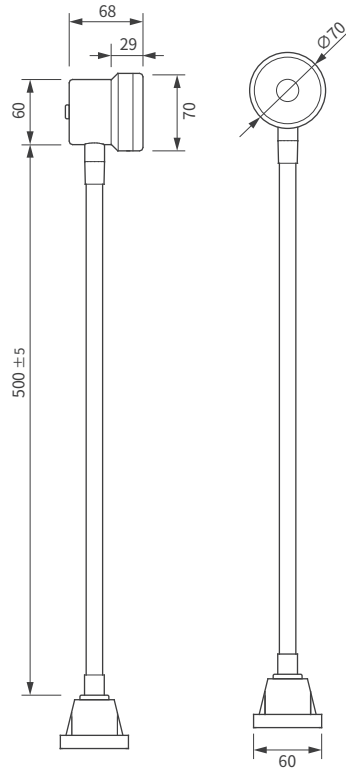
- Powerful magnet, suitable for any position of the machine
- Waterproof, oil-proof, corrosion-proof and explosion-proof functions
- High-quality LED light source, high color rendering, low power consumption, high efficiency and long life

Application:

CNC machine tools, machine tool, machining center and other lighting.

Model	Power	L(mm)	Num	In. Vol	Color Tem.
SLED2-103-□	3W	500	1	24V DC	6000K~6500K
			2	24V DC	4000K~4500K
			3	100~277V AC 50/60Hz	6000K~6500K
			4	100~277V AC 50/60Hz	4000K~4500K
			11	24V AC/DC	6000K~6500K
			12	24V AC/DC	4000K~4500K

Luminous Flux>120 lm/W



SLED5 Series Flexible-Head LED Light

- The high quality of AC LED driver with the good parameters of low power consumption ,protect circuit function and long life time;
- The qualified aluminum with good dissipation,transparent and tempered glass;
- High quality of aluminum PCB,silicone rubber sealing ring and reflector/lens;
- Color rendering index>80.

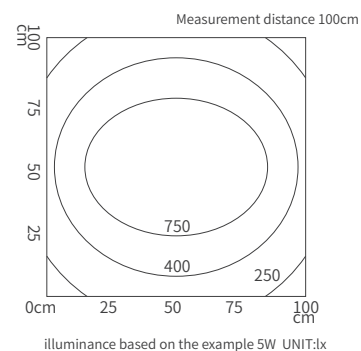
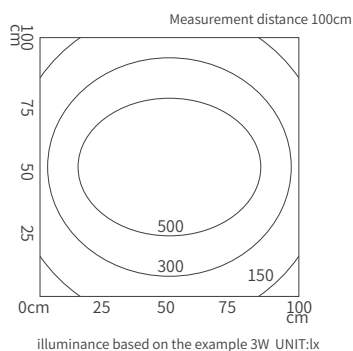
Model	Power	Num	In. Vol	Color Tem.
SLED5-106-□ □	6W	3	100~277V AC 50/60Hz	6000K~6500K
		4	100~277V AC 50/60Hz	4000K~4500K
		11	24V AC/DC	6000K~6500K
		12	24V AC/DC	4000K~4500K

Luminous Flux >120 lm/W



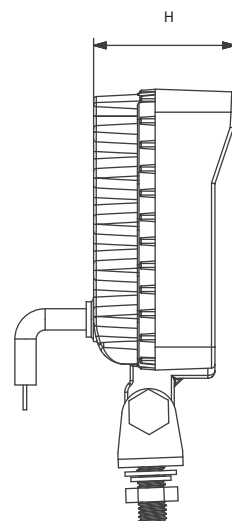
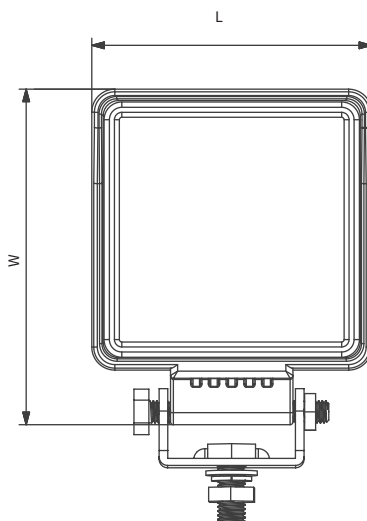
SLED6 Series Flexible-Head LED Light

- Flexible adjustment, improve work efficiency
- Even light distribution, strong color rendering and good lighting effect
- With waterproof, oil-proof, corrosion-proof and explosion-proof functions
- Low power consumption, protection circuit function, long life



Model	Power	L(mm)	Num	In. Vol	Color Tem.	Base
SLED6-103- ☐	3W	30	1	24V DC	6000K~6500K	A (Flat base)
SLED6-105- ☐	5W	50	2	24V DC	4000K~4500K	B (high base)

Luminous Flux >120 lm/W



FLLED Series LED Flood Light

- FLLED series LED lamps are waterproof
- High-quality LED light source, low power consumption, long life
- Even light distribution, good lighting effect

Application:

It is suitable for different types of SUV, four-wheel drive, jeep, truck, pickup, tractor, boat, bus, sports tool, agriculture, mining, industry, business and other fields.

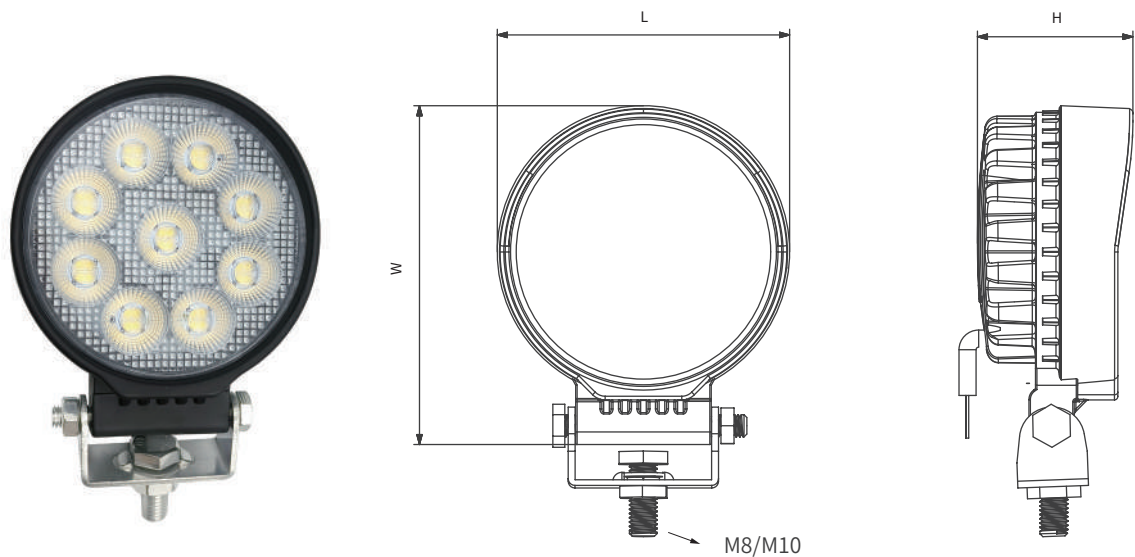
order eg.:

FLLED - 27 - 1

27W 12~24V DC 6000K~6500K

Model	Power	L(mm)	W(mm)	H(mm)	Installation hole	Num	In. Vol	Color Tem.
FLLED-24-□	24W	78.9	94.6	39.9	M8	1	12~24V DC	6000K~6500K
FLLED-27-□	27W	104.5	126.4	51.4	M10			
FLLED-48-□	48W	104.5	126.4	51.4	M10	2	12~24V DC	4000K~4500K
FLLED-64-□	64W	109.4	130.4	56.5	M10			

Luminous Flux>120 lm/W



OLLED Series LED Flood Light

- The bulb reflector adopts the projection lens with optical reflectivity, and the reflection distance is long
- Fixed accessories, stainless steel, shockproof, rustproof, waterproof
- Even light distribution, low power consumption, long life

Application:
It is suitable for different types of SUV, four-wheel drive, jeep, truck, pickup, tractor, boat, bus, sports tool, agriculture, mining, industry, business and other fields.

order eg.:

OLLED - 24 - 1
24W 12~24V DC 6000K~6500K

Model	Power	L(mm)	W(mm)	H(mm)	Installation hole	Num	In. Vol	Color Tem.
OLLED-24-□	24W	78.8	93	46.2	M8	1	12~24V DC	6000K~6500K
OLLED-36-□	36W	102.8	119.2	54.7	M10			
OLLED-42-□	42W	109.5	125.9	56	M10	2	12~24V DC	4000K~4500K
OLLED-56-□	56W	115	132.9	60	M10			

Luminous Flux> 120 lm/W



BAGV Series LED Flood Light

- Die-cast aluminium housing with better shockproof and waterproof function
- High-quality LED light source, low power consumption, long life
- Even light distribution, good lighting effect

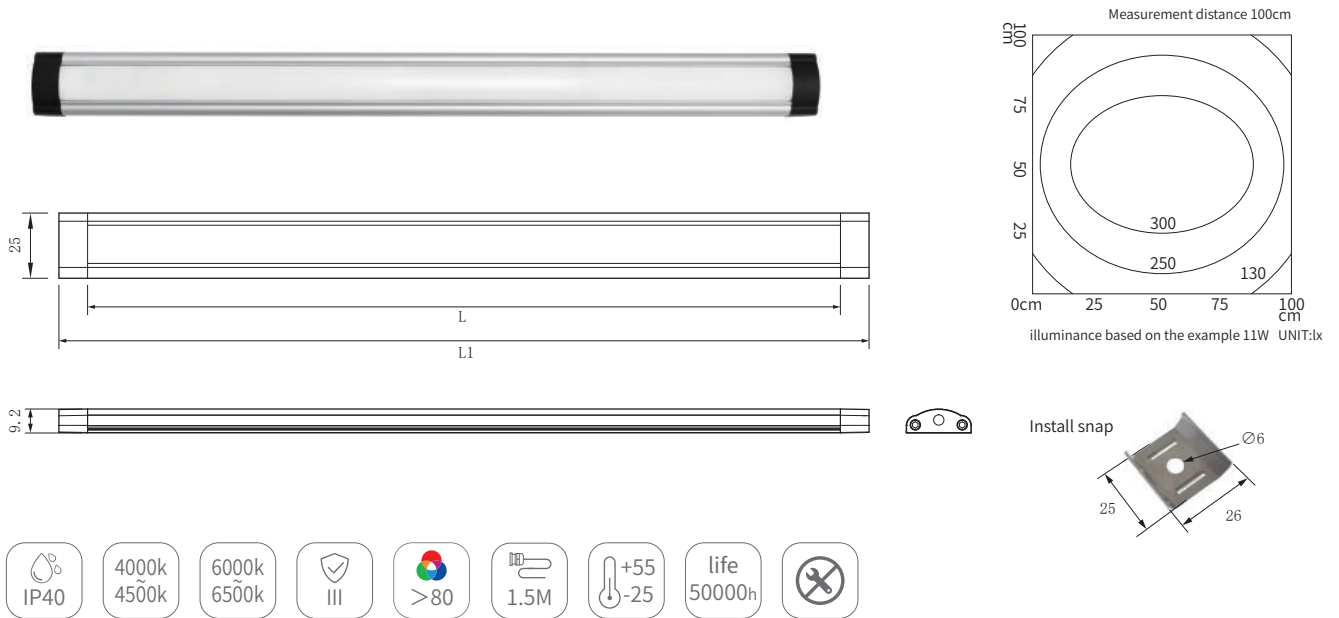
Application:

Wide range of vehicle types, such as engineering vehicles (excavators, loggers, road rollers, bulldozers, cranes, mining trucks, ambulances, forklifts), special vehicles (fire trucks, police vehicles, emergency vehicles, communications vehicles, military command vehicles, power repair vehicles, communications repair vehicles), off-road vehicles, beach trucks and so on.

order eg.:

BAGV - 120 - 1

┌───┐	┌───┐
20W	1=12~80V Bule 2=12~80V White



DSLED Series Electric cabinet LED Light

- Quick start and frequent starts allowed
- Special optics structure, flicker-free, uniform light distribution
- Green environmental protection, no stroboscopic, no ultraviolet (uv) light, no infrared radiation

Application:

High-speed rail gate, electrical cabinet, armature, assembly line and other lighting.

order eg.:

DSLED - 1 05 - 1

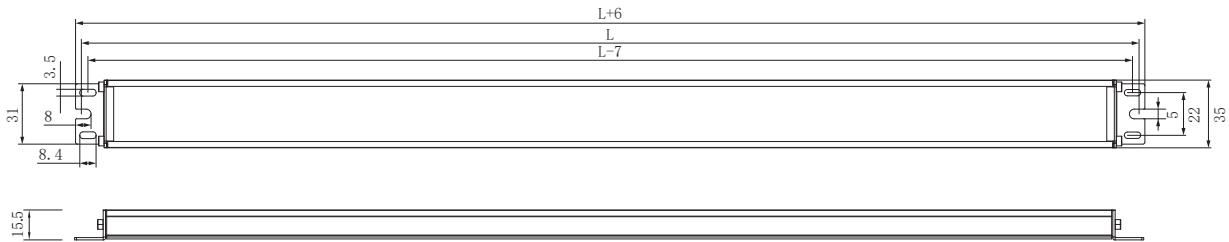
┌───┐
5W
┌──────────┐
24V DC 6000K~6500K

Model	Power	L(mm)	L1(mm)	Num	In. Vol	Color Tem.
DSLED-103-□	3W	150	172	1	24V DC	6000K~6500K
DSLED-105-□	5W	225	247			
DSLED-106-□	6W	300	322			
DSLED-108-□	8W	375	397			
DSLED-110-□	10W	450	472	2	24V DC	4000K~4500K
DSLED-111-□	11W	525	547			
DSLED-112-□	12W	600	622			
DSLED-115-□	15W	750	772			

Luminous Flux > 100 lm/W



L:Installation Dimension

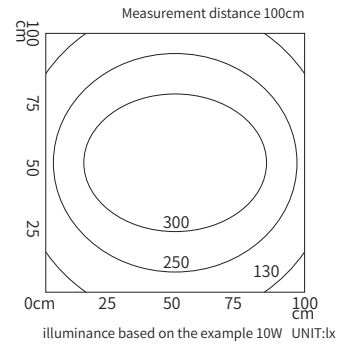


FSLED Series Electric cabinet LED Light

- Saving energy consumption
- Quick start and frequent starts allowed
- Green environmental protection, no stroboscopic, no ultraviolet (uv) light, no infrared radiation

Application:

Deep freezer, electrical cabinet, armature, assembly line and other lighting.



Model	Power	L(mm)	L1(mm)	Num	In. Vol	Color Tem.
FSLED-103-□	3W	130	138	1	24V DC	6000K~6500K
FSLED-105-□	5W	215	223			
FSLED-110-□	10W	380	388			
FSLED-115-□	15W	545	553			
FSLED-120-□	20W	735	743	2	24V DC	4000K~4500K
FSLED-125-□	25W	900	908			
FSLED-130-□	30W	1065	1073			

Luminous Flux>100 lm/W

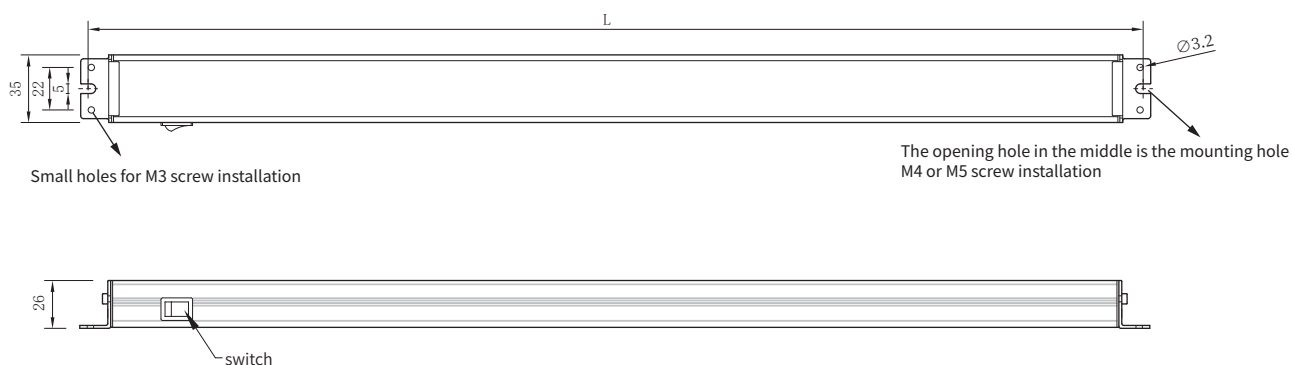


Application:



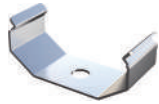
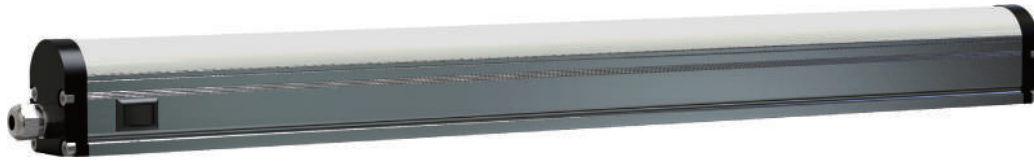
FSLED1 Series Electric cabinet LED Light

L: Installation Dimension

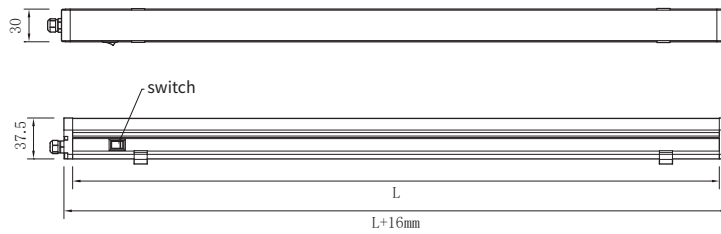


Model	Power	L(mm)	L1(mm)	Num	In. Vol	Color Tem.
FSLED1-103-□	3W	130	138	1	24V DC	6000K~6500K
FSLED1-105-□	5W	215	223			
FSLED1-110-□	10W	380	388	2	24V DC	4000K~4500K
FSLED1-115-□	15W	545	553			
FSLED1-120-□	20W	735	743	3	100~277V AC 50/60Hz	6000K~6500K
FSLED1-125-□	25W	900	908			
FSLED1-130-□	30W	1065	1073	4	100~277V AC 50/60Hz	4000K~4500K

Luminous Flux>100 lm/W



Installation: Card buckle

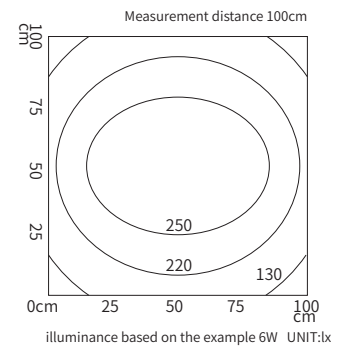


GSLED Series LED Bracket Light

- Switch control, flexible and convenient, allowing frequent start
- Longer lifespan than traditional light sources, high energy efficiency, saving energy consumption

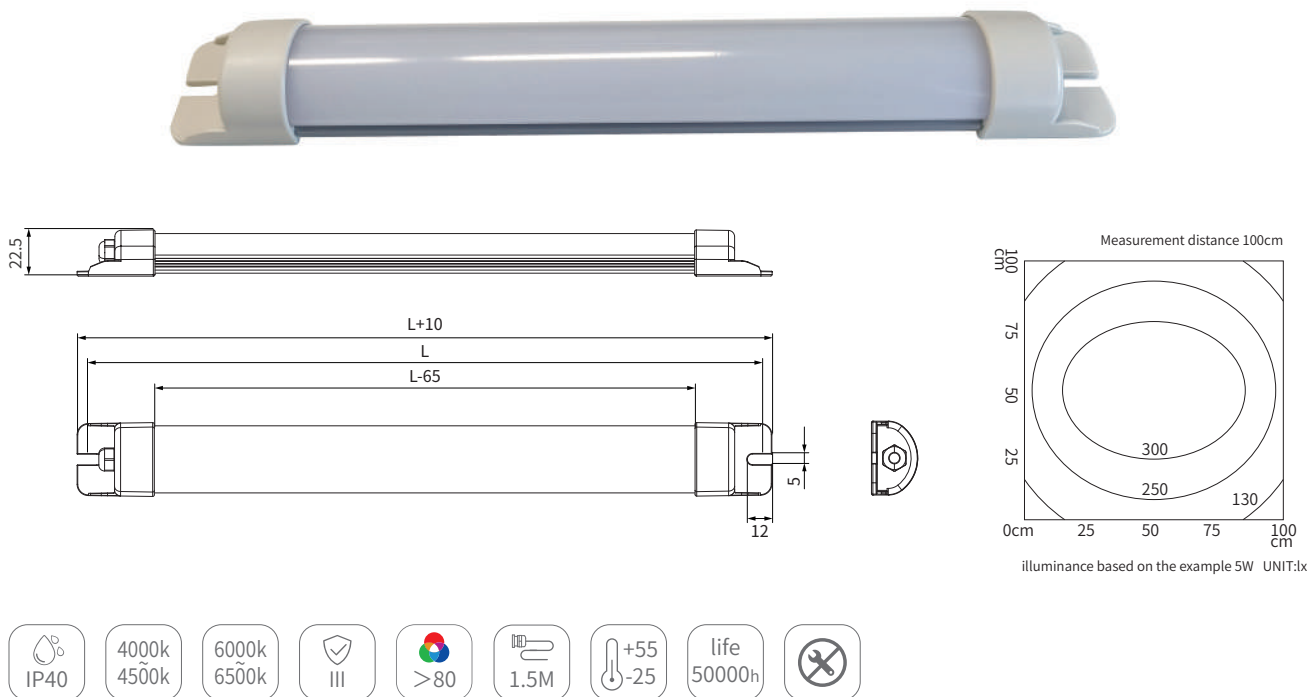
order eg.:

GSLED - 1 06 - 1
 6W 24V DC 6000K~6500K



Model	Power	L(mm)	Num	In. Vol	Color Tem.
GSLED-103-□	3W	300	1	24V DC	6000K~6500K
GSLED-106-□	6W	600	2	24V DC	4000K~4500K
GSLED-109-□	9W	900	3	100~277V AC 50/60Hz	6000K~6500K
GSLED-112-□	12W	1200	4	100~277V AC 50/60Hz	4000K~4500K

Luminous Flux>100 lm/W



QSLED Series Electric cabinet LED Light

- Quick start and frequent starts allowed
- Special optics structure, flicker-free, uniform light distribution
- Green environmental protection, no stroboscopic, no ultraviolet (uv) light, no infrared radiation

Application:

High-speed rail gate, electrical cabinet, armature, assembly line and other lighting.

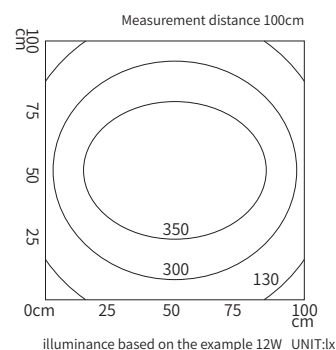
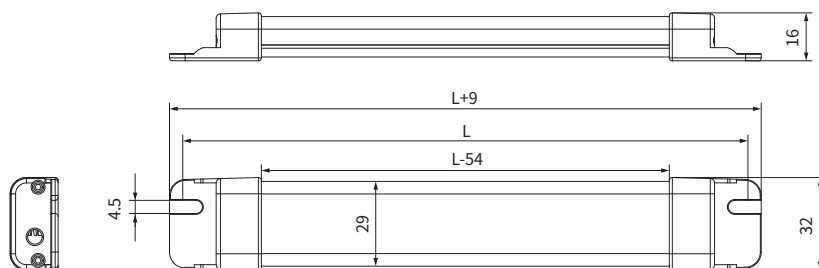
order eg.

QSLED - 1 03 - 1

3W 24V DC 6000K~6500K

Model	Power	L(mm)	Num	In. Vol	Color Tem.
QSLED-103-□	3W	150	1	24V DC	6000K~6500K
QSLED-104-□	4W	175			
QSLED-105-□	5W	225			
QSLED-106-□	6W	275			
QSLED-107-□	7W	300	2	24V DC	4000K~4500K
QSLED-108-□	8W	375			
QSLED-110-□	10W	475			

Luminous Flux>100 lm/W



RSLED Series Electric cabinet LED Light

- Quick start and frequent starts allowed
- Special optics structure, flicker-free, uniform light distribution
- Green environmental protection, no stroboscopic, no ultraviolet (uv) light, no infrared radiation

Application:

High-speed rail gate, electrical cabinet, armature, assembly line and other lighting.

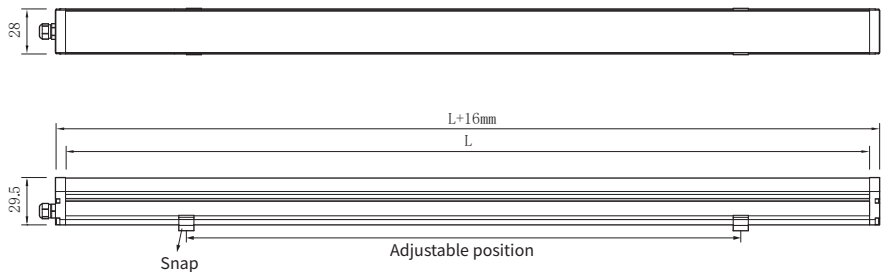
order eg.

RSLED - 1 03 - 1

3W 24V DC 6000K~6500K

Model	Power	L(mm)	Num	In. Vol	Color Tem.
RSLED-103-□	3W	195	1	24V DC	6000K~6500K
RSLED-106-□	6W	335			
RSLED-109-□	9W	475			
RSLED-112-□	12W	615	2	24V DC	4000K~4500K
RSLED-118-□	18W	895			
RSLED-124-□	24W	1175			

Luminous Flux >100 lm/W



Installation: Card buckle

IP40

4000k
4500k

6000k
6500k

III

> 80

M12

1.5M

+55
-25

life
50000h

LED
5730

HSLED Series LED Bracket Light

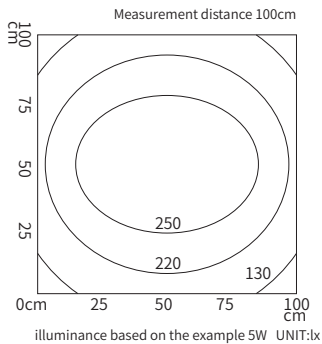
Application:
Deep freezer, electrical cabinet, armature, assembly line and other lighting.

order eg.:

HSLED - 1 10 - 1

10W

24V DC 6000K~6500K



Model	Power	L(mm)	Num	In. Vol	Color Tem.
HSLED-105- ☐	5W	200	1	24V DC	6000K~6500K
HSLED-108- ☐	8W	300			
HSLED-110- ☐	10W	450			
HSLED-115- ☐	15W	600	2	24V DC	4000K~4500K
HSLED-118- ☐	18W	900			
HSLED-124- ☐	24W	1200			

Luminous Flux>100 lm/W

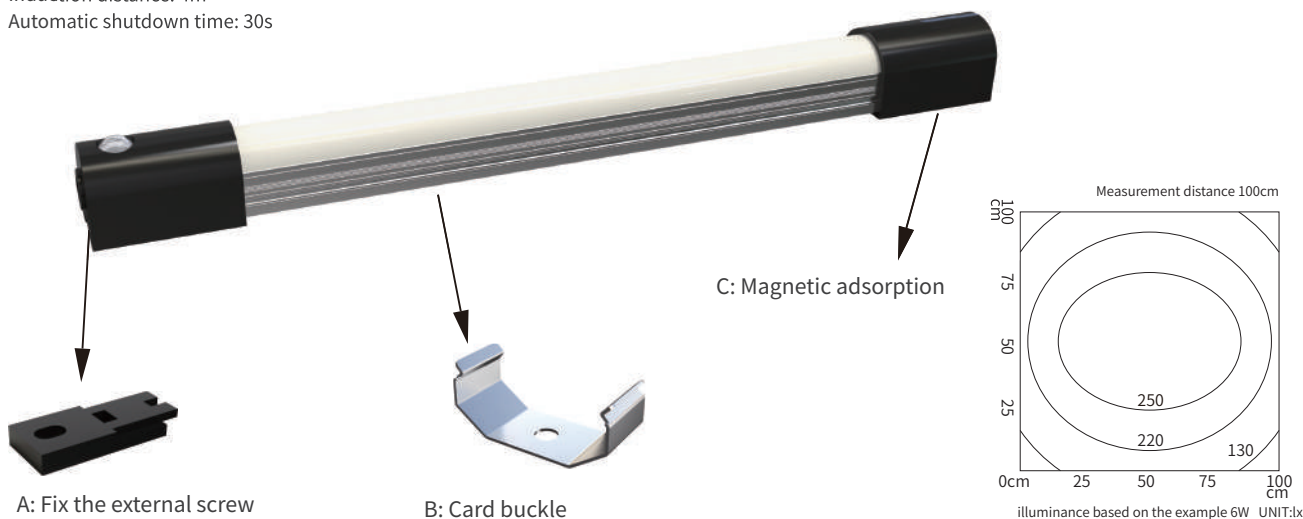
Sensitivity:

Induction mode: human movement

Induction Angle: 120°

Induction distance: 4m

Automatic shutdown time: 30s

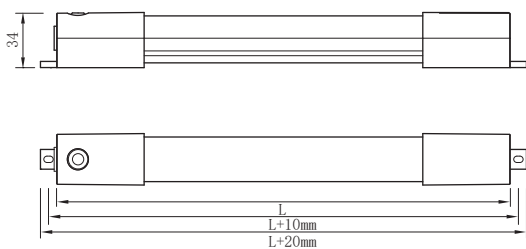


KSLED Series Sense LED Light

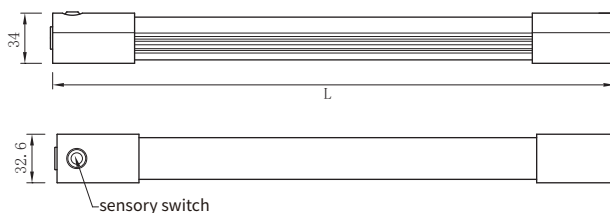
- Human body induction, automatic induction lighting; key switch, simple operation
- Special optical structure, illumination without glare, uniform light emission
- High energy efficiency, saving energy consumption

Application:

Deep freezer, electrical cabinet, armature, assembly line and other lighting.



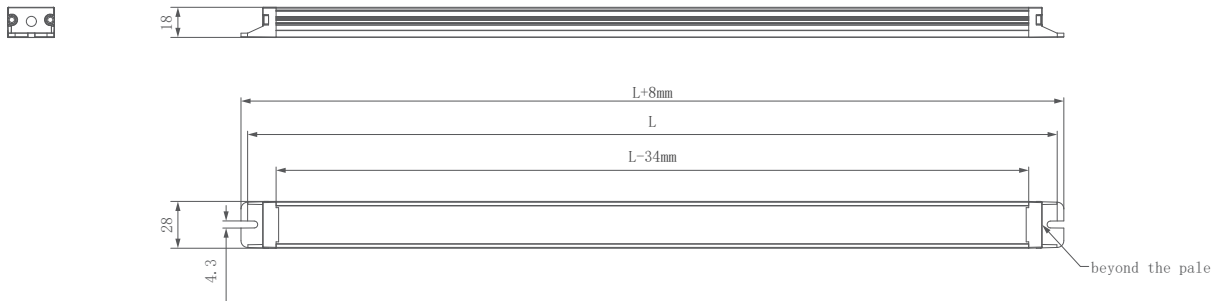
Installation mode A



Installation mode B, C

Model	Power	L(mm)	Num	In. Vol	Color Tem.	Installation
KSLED-103-□□	3W	385	1	24V DC	6000K~6500K	A Fix the external screw
KSLED-106-□□	6W	685				B Card buckle
KSLED-109-□□	9W	985	2	24V DC	4000K~4500K	C Magnetic adsorption
KSLED-112-□□	12W	1285				

Luminous Flux>100 lm/W



IP40

4000k
4500k

6000k
6500k

III

>80

M12

1.5M

+55
-25

life
50000h

LED
5730

TSLED Series LED Bracket Light

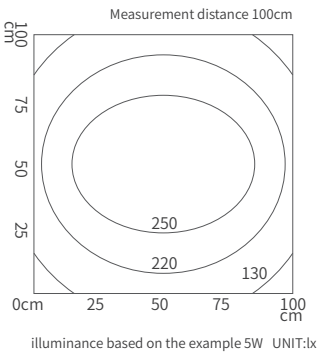
Application:
Deep freezer, electrical cabinet, armature, assembly line and other lighting.

order eg.:

TSLED - 1 10 - 1

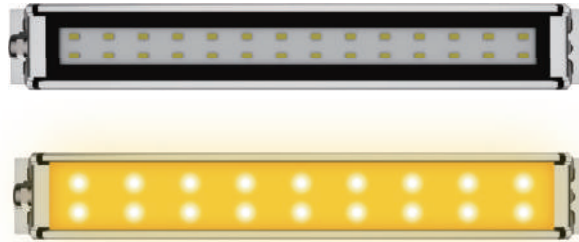
10W

24V DC 6000K~6500K

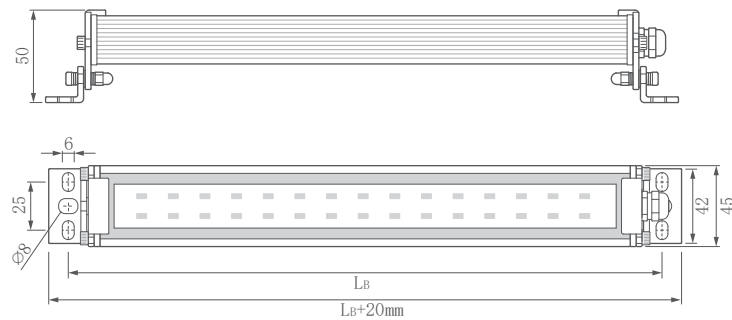


Model	Power	L(mm)	Num	In. Vol	Color Tem.
TSLED-105- ☐	5W	234	1	24V DC	6000K~6500
TSLED-108- ☐	8W	334			
TSLED-110- ☐	10W	484			
TSLED-115- ☐	15W	634	2	24V DC	4000K~4500K
TSLED-118- ☐	18W	934			
TSLED-124- ☐	24W	1234			

Luminous Flux >100 lm/W



Installation Dimension



SLQ Series Semiconductor Work Light

- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Adopt high-quality aluminum with good heat dissipation and transparent toughened glass with high safety
- Low power consumption, protection circuit, long life

Application:

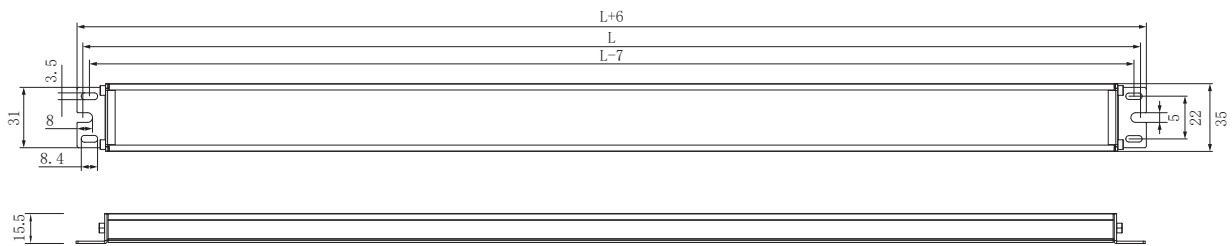
Semiconductor device lighting, IC factory lighting, clean room, yellowing room lights

Model	Power	L(mm)	Num	In. Vol	Color Tem.
SLQ-106- □□	6W	293	1	24V DC	5700K Lemon Yellow
SLQ-112- □□	12W	415			
SLQ-115- □□	15W	505			
SLQ-118- □□	18W	591	2	100~277V AC	
SLQ-124- □□	24W	781			



The open hole in the middle is the mounting hole
M4 or M5 screw installation

L:Installation Dimension



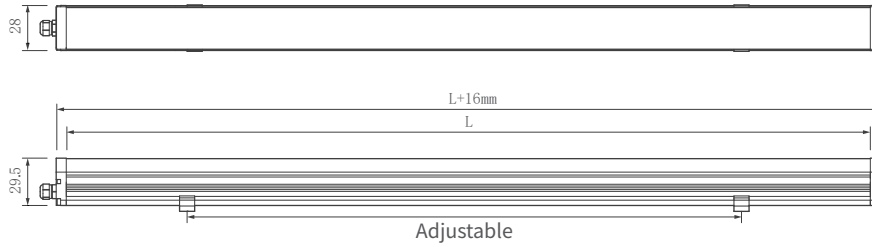
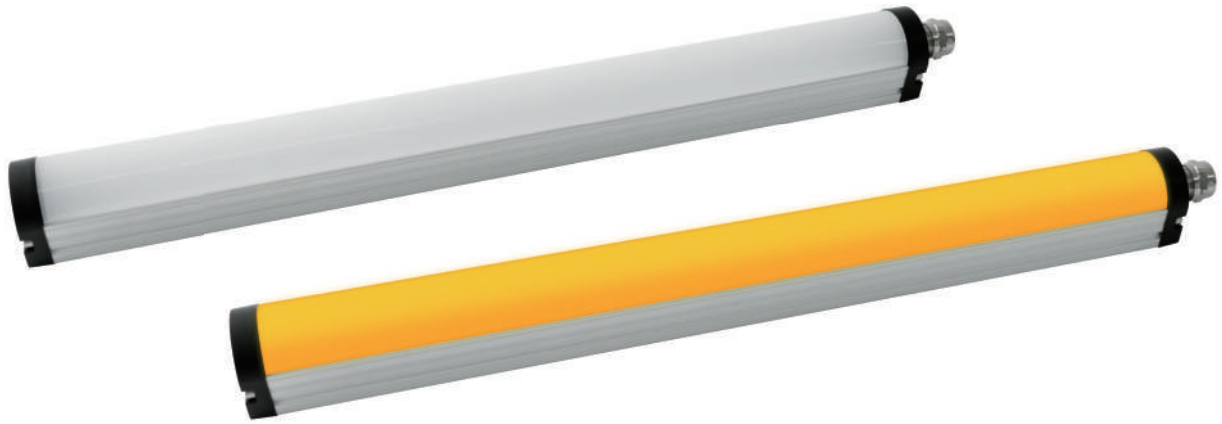
SLF Series Semiconductor cabinet Light

- Saving energy consumption
- Quick start and frequent starts allowed
- Green environmental protection, no stroboscopic, no ultraviolet (uv) light, no infrared radiation

Application:

Semiconductor device lighting, IC factory lighting, clean room, yellowing room lights

Model	Power	L(mm)	L1(mm)	In. Vol	Color Tem.
SLF-105- ☐	5W	215	223	24V DC	5700K Lemon Yellow
SLF-110- ☐	10W	380	388		
SLF-115- ☐	15W	545	553		
SLF-120- ☐	20W	735	743		
SLF-125- ☐	25W	900	908		

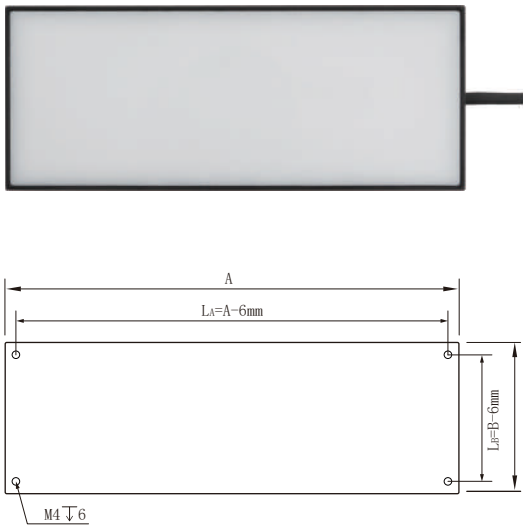


SLH Series Semiconductor cabinet Light

Application:

Semiconductor device lighting, IC factory lighting, clean room, yellowing room lights

Model	Power	L(mm)	In. Vol	Color Tem.
SLH-105- ☐	5W	200	24V DC	5700K Lemon Yellow
SLH-108- ☐	8W	300		
SLH-110- ☐	10W	450		
SLH-115- ☐	15W	600		
SLH-118- ☐	18W	900		
SLH-124- ☐	24W	1200		



OVF Series Machine/equipment visual lighting

Peak wavelength:

Red: 620~630nm

Green: 525~530nm

Blue: 465~470nm

White: 6500K (Color temperature)

Ultraviolet: 365~395nm

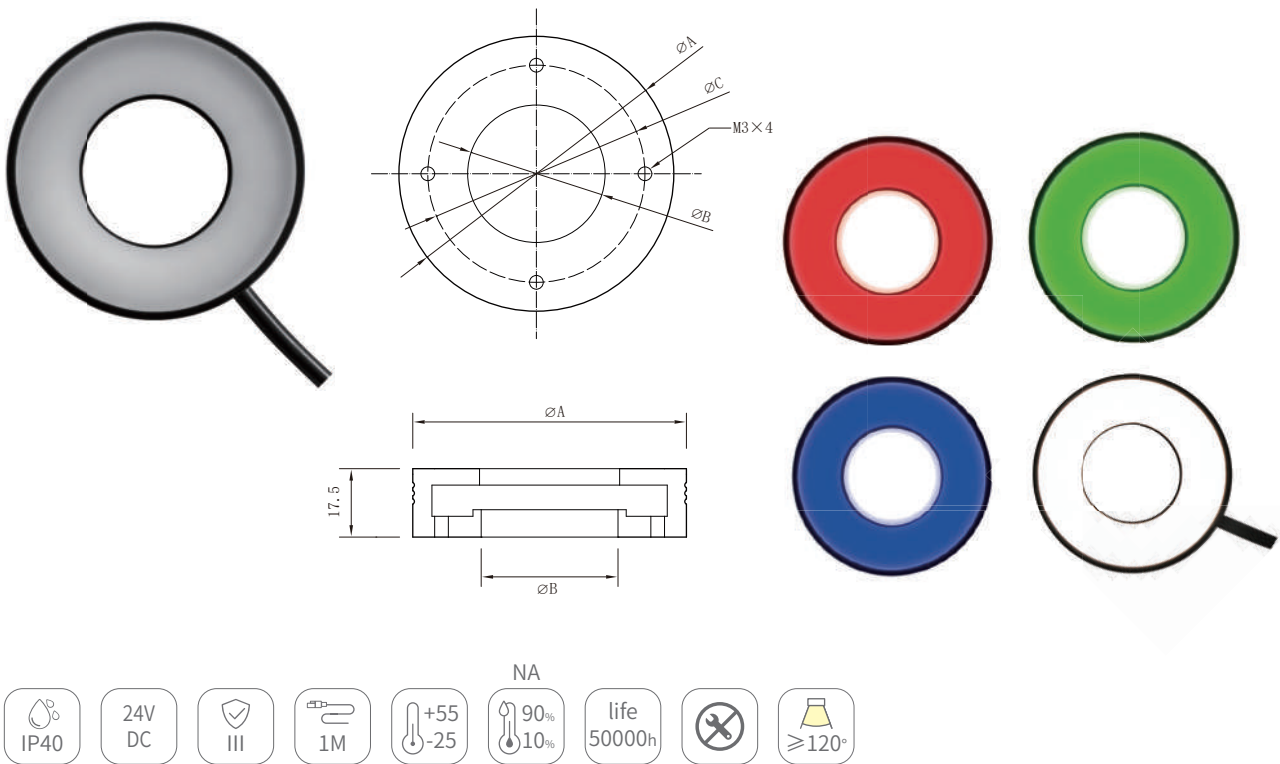
Infrared: 850~860nm/930~940nm

- Test the date on the packaging bag
- Inspect surface highlights and reflective objects
- Monitor the dimensions of IPA high precision components
- checking package and label

L: Installation Dimension

Model	Power	A(mm)	LA(mm)	B(mm)	LB(mm)	H(mm)	In. Vol	Color
OVF-20-1	3W	60	54	20	14	18	24V DC	● Red ● Green ● Blue ● White
OVF-20-2	5W	100	94					
OVF-20-3	7W	150	144					
OVF-20-4	9W	200	194					
OVF-40-1	5W	100	94	40	34	22		
OVF-40-2	8W	150	144					
OVF-40-3	10W	200	194					
OVF-40-4	12W	300	294					
OVF-60-1	8W	150	144	60	54	25		
OVF-60-2	10W	250	244					
OVF-60-3	12W	350	344					
OVF-60-4	15W	450	444					

Light Transmittance >0.8



OVO Series Machine/equipment visual lighting

Peak wavelength:

Red: 620~630nm

Green: 525~530nm

Blue: 465~470nm

White: 6500K (Color temperature)

Ultraviolet: 365~395nm

Infrared: 850~860nm/930~940nm

Application:

- Check the date on the food bag
- Inspect surface highlights and reflective objects
- checking package and label

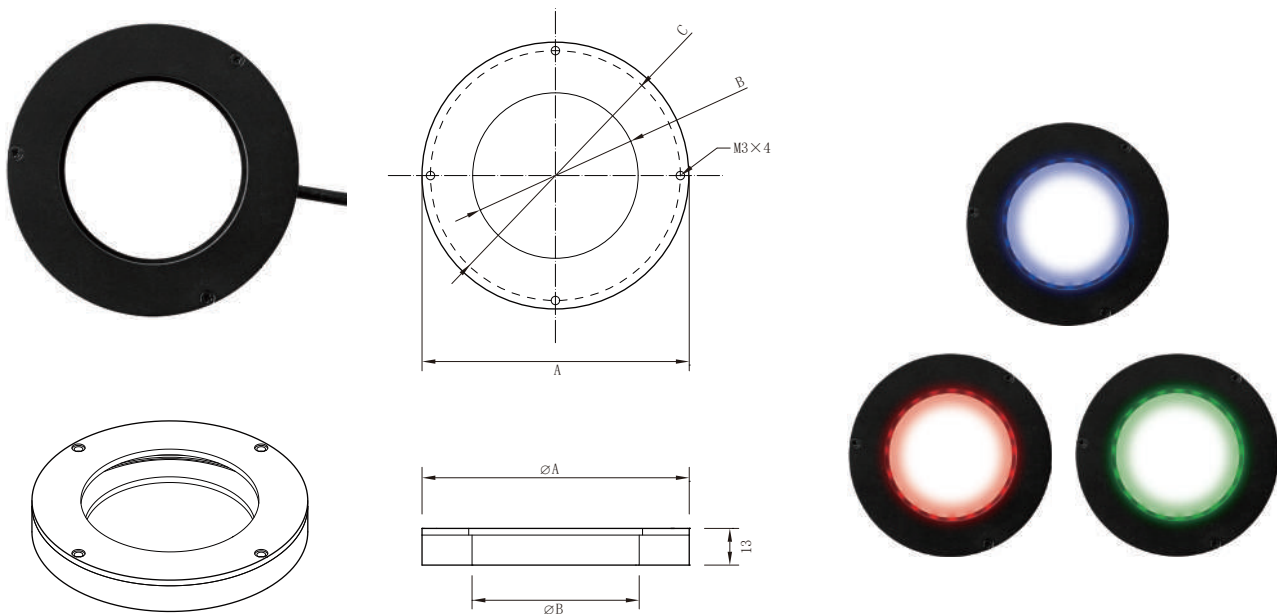
Application example:

Precise positioning of buttons.



Model	Power	A(mm)	B(mm)	C(mm)	In. Vol	Color
OVO-02	5W	50	18	39.5	24V DC	● Red
OVO-03	8W	80	40	62		● Green
OVO-05	10W	100	50	75		● Blue
OVO-06	12W	120	60	92		● White

Light Transmittance >0.8



OVR Series Machine/equipment visual lighting

Peak wavelength:

Red: 620~630nm

Green: 525~530nm

Blue: 465~470nm

White: 6500K (Color temperature)

Ultraviolet: 365~395nm

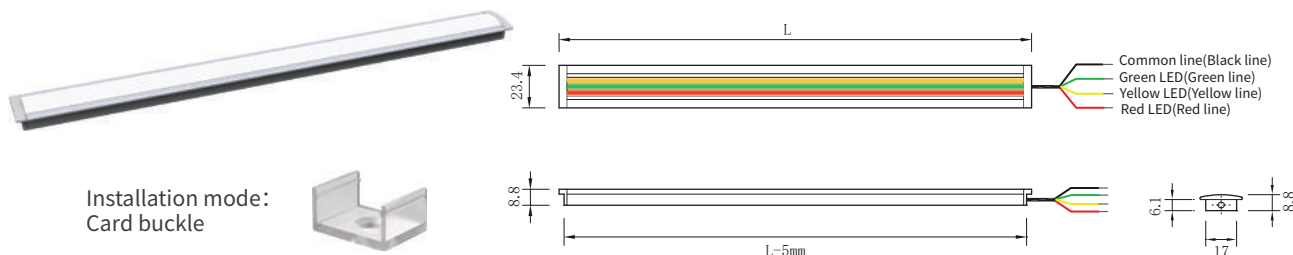
Infrared: 850~860nm/930~940nm

Application:

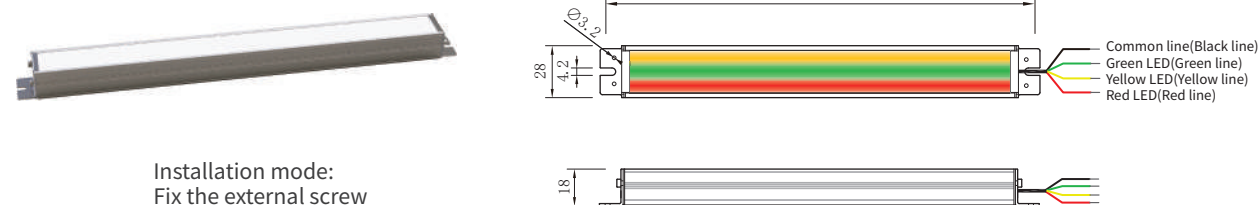
- Test the date on the packaging bag;
- Inspect surface highlights and reflective objects;
- Monitor the dimensions of IPA high precision components;
- checking package and label.

Model	Power	A(mm)	B(mm)	C(mm)	In. Vol	Color
OVR-02	2W	60	31	55	24V DC	● Red ● Green ● Blue ● White
OVR-03	3W	70	41	65		
OVR-05	5W	100	71	95		
OVR-06	6W	120	91	115		
OVR-08	8W	130	101	125		
OVR-10	10W	150	121	145		

OLL



OLL1



OLL Series LED Multi-Functional Signal Light

- High efficiency LED multi-function strip, high cost performance
- Acrylic lamp shade with high light transmittance, anti-glare
- The lamp body is made of aluminum alloy, easy to dissipate heat and resist impact

Application:

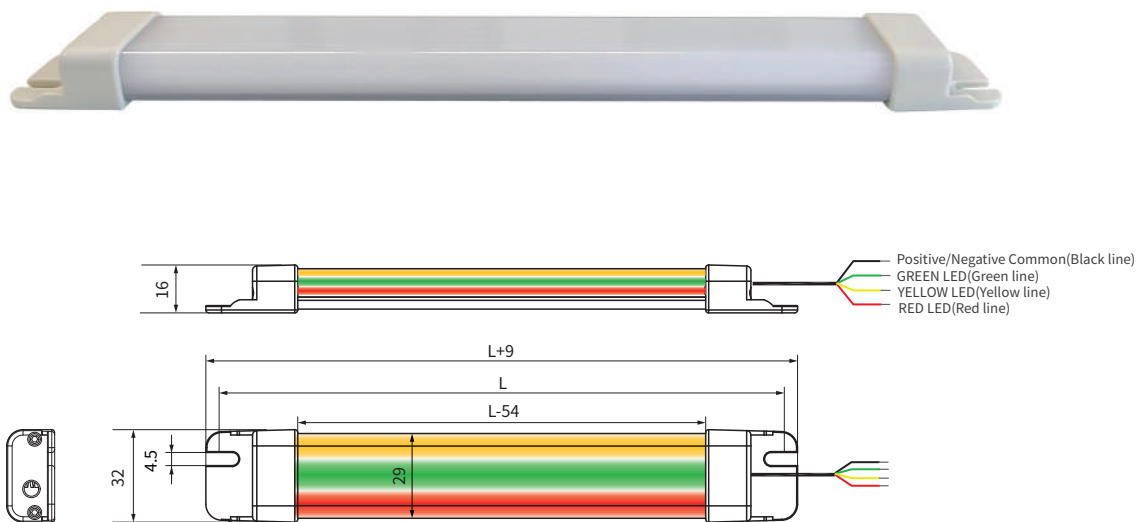
CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other lighting.

Color ● ● ●

Model	L(mm)	End code of model
OLL-1-□	260	N-PNP
OLL-2-□	812	
OLL-3-□	854	P-NPN
OLL-4-□	1654	

Color ● ● ●

Model	L(mm)	End code of model
OLL1-1-□	300	N-PNP
OLL1-2-□	500	
OLL1-3-□	800	P-NPN
OLL1-4-□	1200	



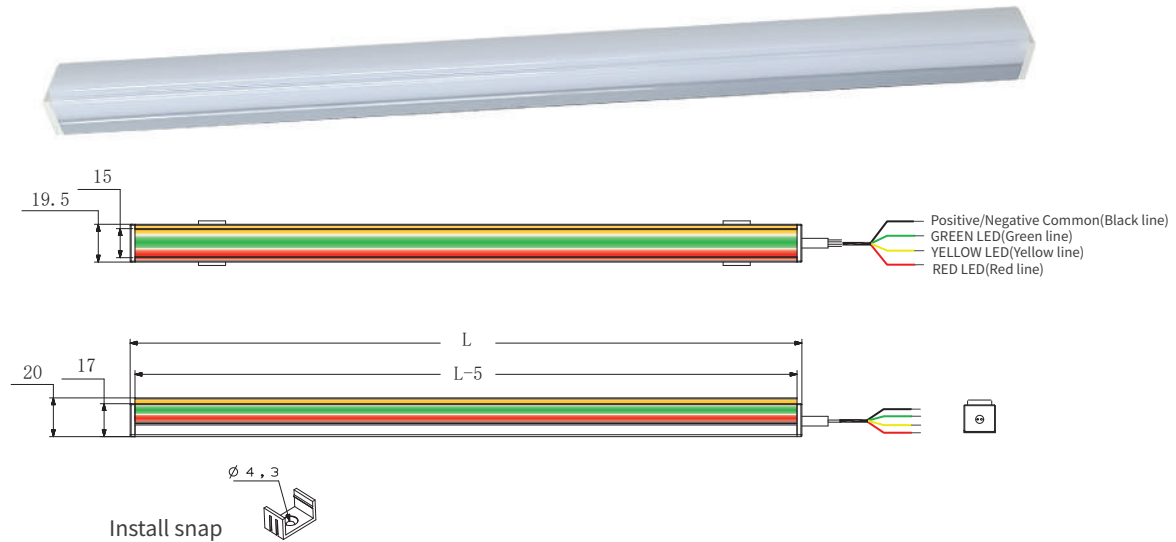
OLL5 Series LED tricolor light bar

- High transmittance acrylic lampshade, anti-glare
- High efficiency LED multifunctional light bar, high cost performance
- Long life, high energy efficiency, save energy loss

Application:
CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other lighting.

Light Color ● ● ●

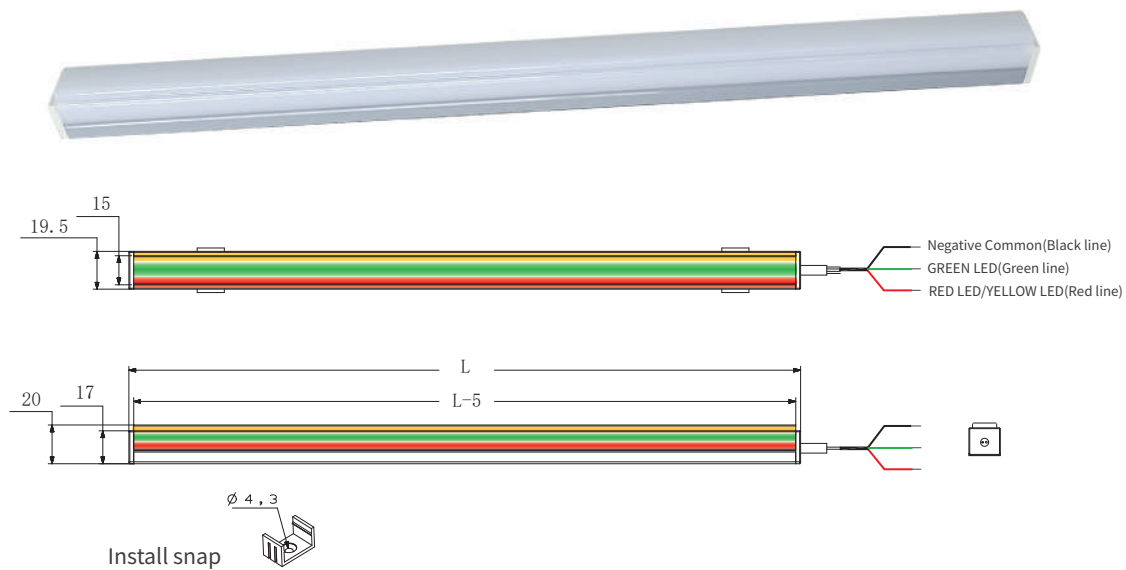
Model	L (mm)	End code
OLL5-195- ☐	195	N-PNP P-NPN
OLL5-335- ☐	335	
OLL5-475- ☐	475	
OLL5-615- ☐	615	
OLL5-895- ☐	895	
OLL5-1175- ☐	1175	



OLL7 Series LED tricolor light bar

Color ● ● ●

Model	L(mm)	End code
OLL7-238- ☐	238	N-PNP
OLL7-300- ☐	300	
OLL7-346- ☐	346	
OLL7-400- ☐	400	
OLL7-454- ☐	454	
OLL7-500- ☐	500	
OLL7-600- ☐	600	
OLL7-670- ☐	670	
OLL7-778- ☐	778	P-NPN
OLL7-800- ☐	800	
OLL7-1000- ☐	1000	
OLL7-1200- ☐	1200	
OLL7-1426 ☐	1426	
OLL7-1500- ☐	1500	
OLL7-1700- ☐	1700	
OLL7-2000- ☐	2000	



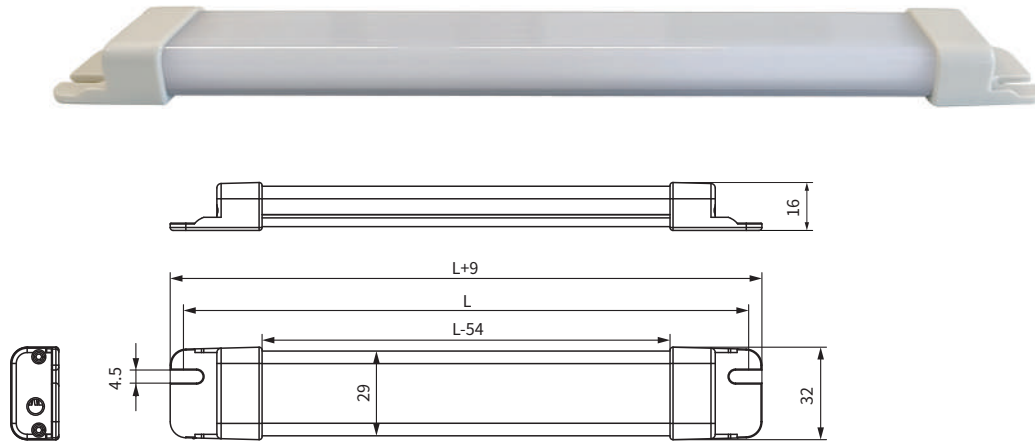
OLL8 Series LED Flowing water lights

- High transmittance acrylic lampshade, anti-glare
- High efficiency LED multifunctional light bar, high cost performance
- Long life, high energy efficiency, save energy loss

Application:

CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other lighting.

Model	L(mm)	Color	
OLL8-300- ☐	300	1 2 3 4 5	Red
OLL8-346- ☐	346		Yellow
OLL8-400- ☐	400		Green
OLL8-454- ☐	454		Red & Green
OLL8-500- ☐	500		Yellow & Green
OLL8-600- ☐	600		
OLL8-800- ☐	800		
OLL8-1000- ☐	1000		
OLL8-1200- ☐	1200		
OLL8-1500- ☐	1500		
OLL8-1700- ☐	1700		
OLL8-2000- ☐	2000		

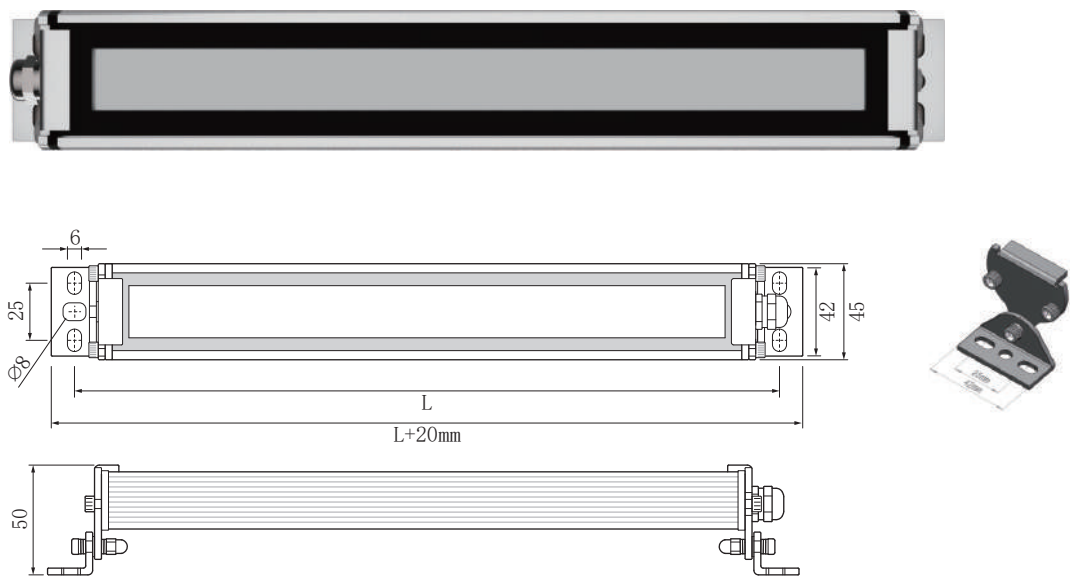


OLL9 Series Seven-color light bar

One line	Num	Light color	Wiring
	1	Red	Red line
	2	Green	Green line
	3	Bule	Bule line
	4	Yellow	Red line+Green line
	5	Cyan	Green line+Bule line
	6	Purple	Red line+Bule line
	7	White	Red line+Green line+Bule line

Light Color

Model	L(mm)	End code
OLL9-195- ☐	195	N-PNP P-NPN
OLL9-335- ☐	335	
OLL9-475- ☐	475	
OLL9-615- ☐	615	
OLL9-895- ☐	895	
OLL9-1175- ☐	1175	



 IP67

 24V
DC

 RYGB

 M12

 100%
CNC

 +55
-25

 Life
50000h



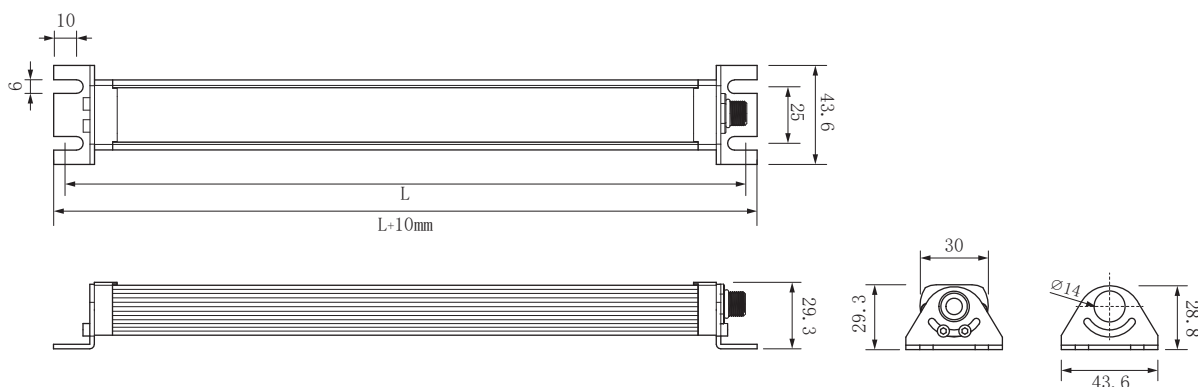
 45mm

MQLED Series Four-color light bar

- With waterproof, oil-proof, anti-corrosion and explosion-proof functions
- Adopt high-quality aluminum with good heat dissipation and transparent toughened glass with high safety
- Low power consumption, protection circuit, long life

Light color		Wiring
	 Red	pin 1(Brown)
	 Blue	pin 2(White)
	common line	pin 3(Blue)
	 Green	pin 4(Black)
	 Yellow	pin 5(Gray)

Model	Power	L(mm)	Signal Colors
MQLED-106-□	6W	293	RYGB
MQLED-112-□	12W	415	
MQLED-115-□	15W	505	
MQLED-118-□	18W	591	
MQLED-120-□	20W	640	
MQLED-124-□	24W	781	

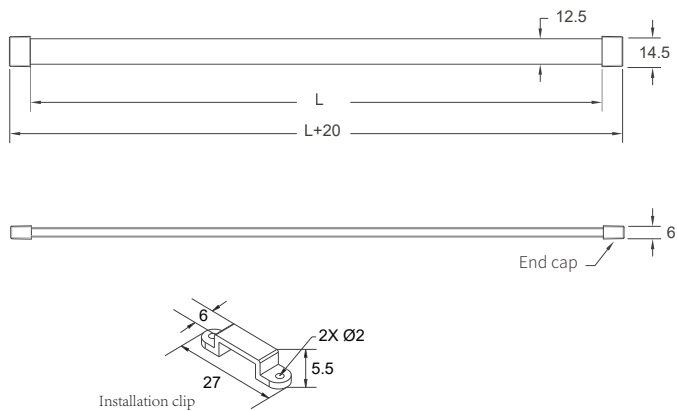
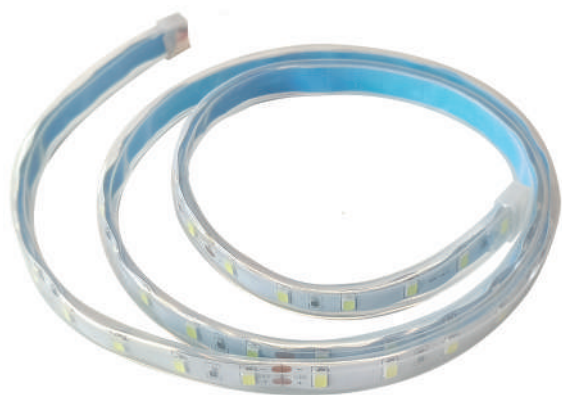


OLWS Series tricolor/Seven-color light bar

	Light color	Wiring
	Red	pin 1(Brown)
	Yellow	pin 2(White)
	common line	pin 3(Blue)
	Green	pin 4(Black)

M12	Light color	Wiring
	Red	pin1(Brown)
	Green	pin2(White)
	Blue	pin3(Blue)
	Yellow	pin1(Brown)+pin2(White)
	Cyan	pin2(White)+pin3(Blue)
	Purple	pin1(Brown)+pin3(Blue)
	White	pin1(Brown)+pin2(White)+pin3(Blue)

Model	Power	L(mm)	Signal Colors
OLWS-346-	6W	346	RYG 7 colors
OLWS-625-	12W	625	
OLWS-910-	18W	910	
OLWS-1190-	24W	1190	



IP65

24V DC

III

>80

100% CNC

M12

0.5M

+55 -25

life 50000h

STLED Series Flexible LED strip light

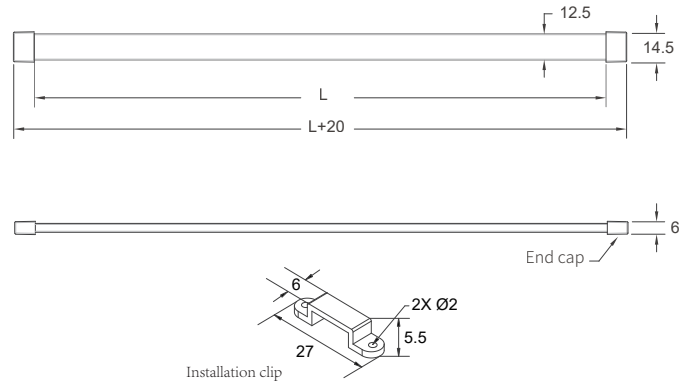
- Waterproof and high-temperature resistant silicone tube, suitable for humid environments;
- Soft casing for easy installation, compact and flexible, saving space;
- High-quality flexible circuit board supports right-angle and curved installation.
- Imported ultra-bright LED chips feature high luminous efficacy, long service life, uniform color and excellent consistency;
- Available in various lengths to adapt to more application scenarios.

order eg.:

STLED - 3 - W
3W 24V DC 6000K~6500K

Model	Power	L(mm)	Num	In. Vol	Color Tem.
STLED-3 - ☐	3W	300	W	24V DC	6000K~6500K
STLED-6 - ☐	6W	600			
STLED-9 - ☐	9W	900			
STLED-12 - ☐	12W	1200			
STLED-15 - ☐	15W	1500			
STLED-18 - ☐	18W	1800			

Luminous Flux >120 lm/W



- Waterproof and high-temperature resistant silicone tube, suitable for humid environments;
- Soft casing for easy installation, compact and flexible, saving space;
- High-quality flexible circuit board supports right-angle and curved installation.
- Imported ultra-bright LED chips feature high luminous efficacy, long service life, uniform color and excellent consistency;
- Available in various lengths to adapt to more application scenarios.



STLED1 Series Flexible multi-color LED strip light

RYG	Num	Signal Colors	Wiring
	1	red	pin 1(brown)
	2	yellow	pin 5(gray)
	3	green	pin 4(black)
	4	Common Line	pin 3(blue)

7 colors	Num	Signal Colors	Wiring
	1	red	pin1(brown)
	2	green	pin2(white)
	3	blue	pin3(blue)
	4	yellow	pin1(brown)+pin2(white)
	5	cyan	pin2(white)+pin3(blue)
	6	purple	pin1(brown)+pin3(blue)
	7	white	pin1(brown)+pin2(white)+pin3(blue)

Model	L(mm)	Light Color
STLED-300- ☐	300	RYG 7COLORS
STLED-600- ☐	600	
STLED-900- ☐	900	
STLED-1200- ☐	1200	
STLED-1500- ☐	1500	
STLED-1800- ☐	1800	



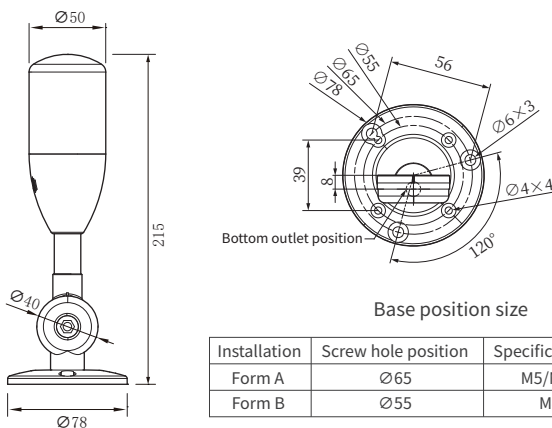
- High-efficiency LED multi-function signal lamp, can meet various needs, high cost performance
- Hybrid prism cutting lampshade greatly improves the visual performance at a long distance
- The use of dual mirror construction with a minimum number of LEDs to produce a vivid color recognition effect

Application:

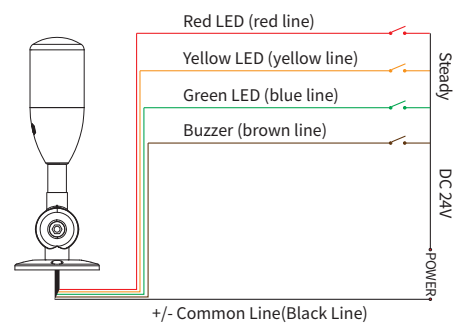
CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other places.



OLC Series LED Multi-Functional Signal Light



Wiring diagram:



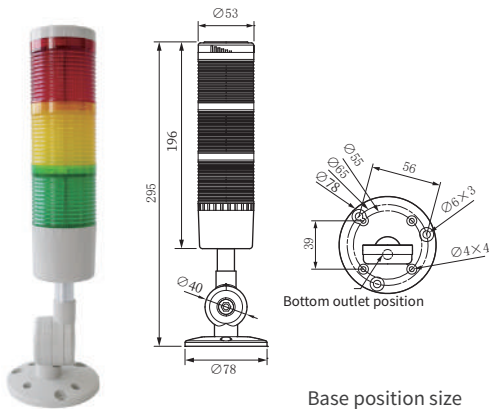
order eg.:

Color Layers Rated voltage Function Wire Connecting Signal Color

OLC 1 - 1 01 B N - R Y G

1=Silver
2=Beige 1=1 Layer 01=DC 24V B=Steady
F=Steady with Buzzer P=NPN
N=PNP R=Red
Y=Yellow
G=Green

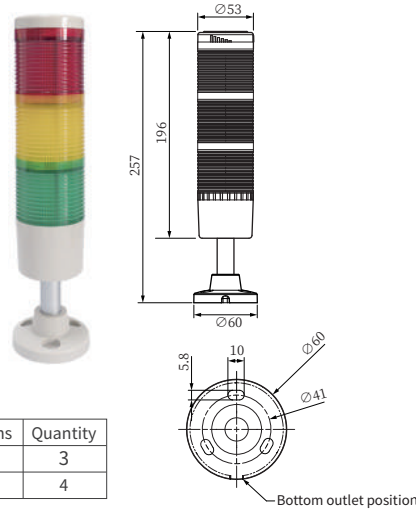
OLM1-Foldable



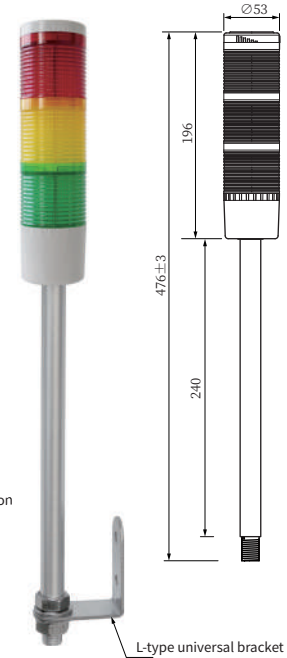
Base position size

Installation	Screw hole position	Specifications	Quantity
Form A	Ø65	M5/M6	3
Form B	Ø55	M4	4

OLM2-Upright



OLM3-Straight pole



OLM Series LED Multi-Functional Signal Light

- The hybrid prism cuts the lampshade to improve the long-distance visual performance
- Use of double mirror structure to produce vivid color recognition effect with minimal LED
- The lamp body is made of nylon 66, heat and shock resistance

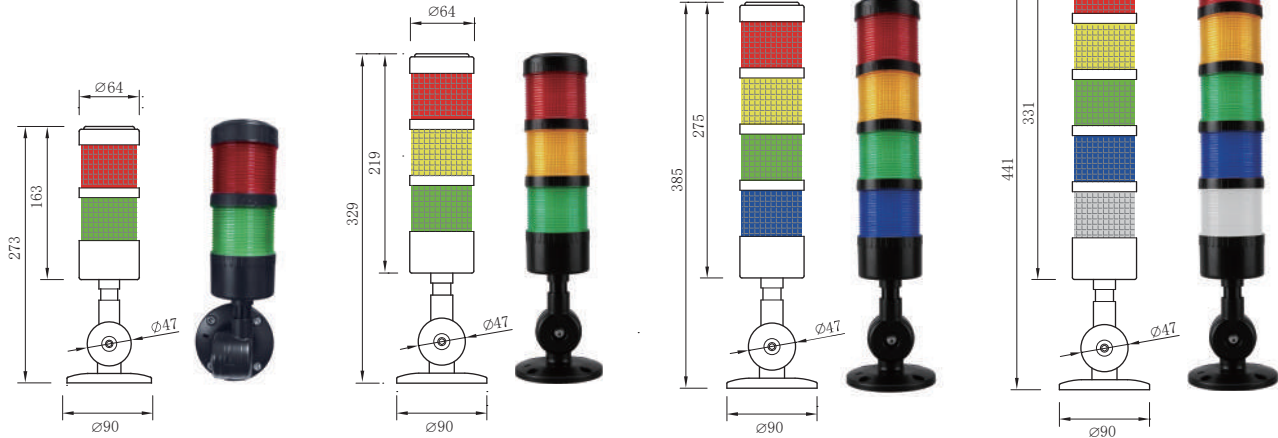
Application:

CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other places.

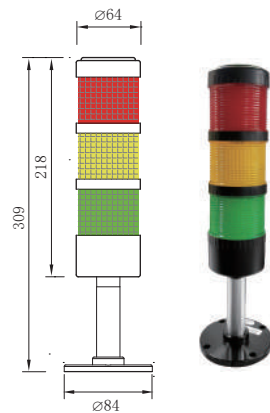
order eg.

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLM 1 - 3	01	B	N	RYG	
1=Foldable 2=Upright 3=Straight pole (customizable)	3=3 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green

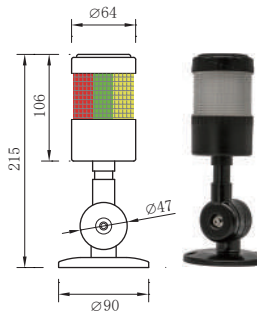
MSL1-Foldable



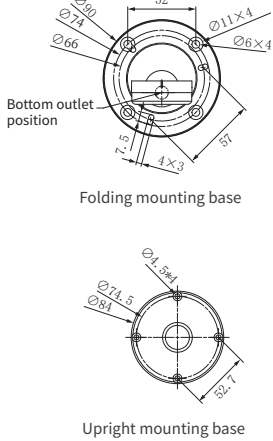
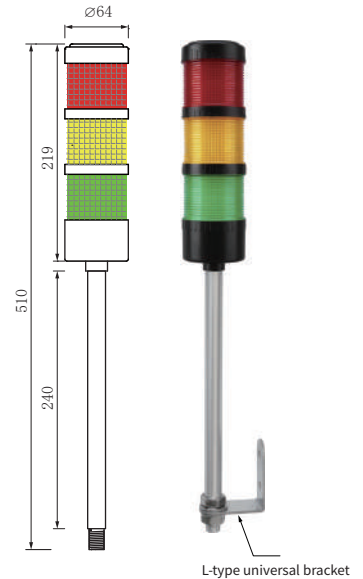
MSL2-Straight



MSL3-ONE layer



MSL4-Straight pole



MSL Series LED Multi-Functional Signal Light

- High-efficiency LED multi-function signal lamp, can meet various needs, high cost performance
- Hybrid prism cutting lampshade greatly improves the visual performance at a long distance

order eg.

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
MSL 1 - 5 01 B N - RYGBW					
1=Foldable 2=Straight 3=ONE layer 4=Straight pole (customizable)	1~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

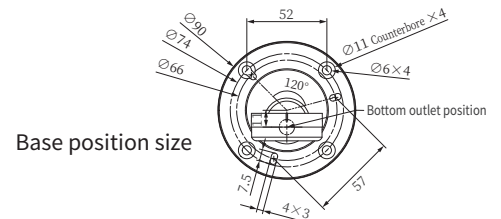


BMSL Series LED Multi-Functional Signal Light

- No PLC or other controls required for operation
- BMSL station is very suitable for projects that require manual tower lights

order eg.:

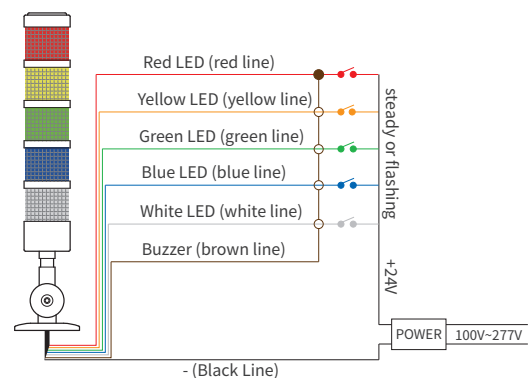
Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
BMSL 1	- 5	01	B	V	- RYGBW
1=Long pole	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	V=100~277V/50~60Hz	R=Red Y=Yellow G=Green B=Blue W=White



BMSL Series LED Multi-Functional Signal Light

- Classic appearance, quality, durability and long life
- No PLC or other controls required for operation

Wiring diagram:



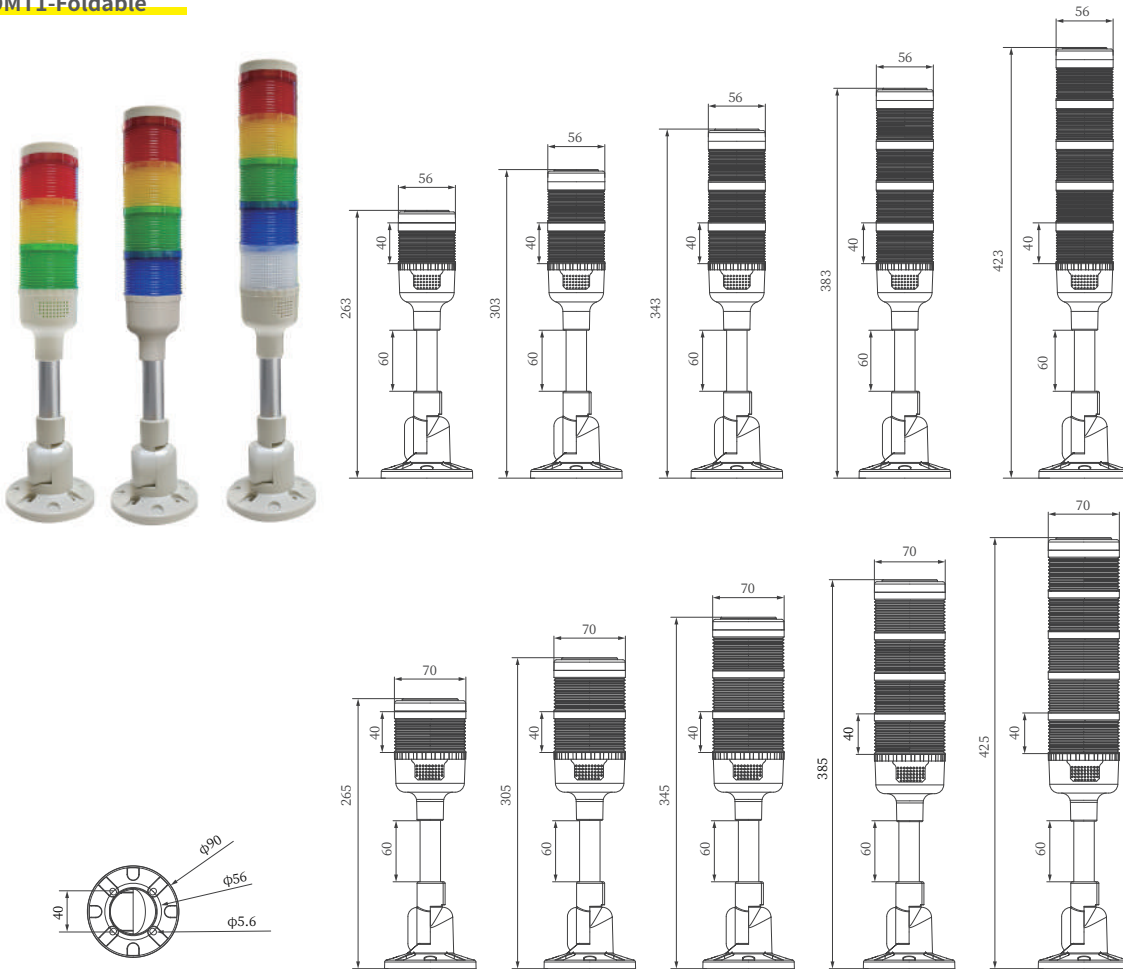
Application:

The BMSL stations is ideal for projects where a manual tower light is needed. For example: security equipment, assembly line, security system and other places.

order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
BMSL 2	- 3	01	B	V -	RYG
2=Folding	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	V=100~277V/50~60Hz	R=Red Y=Yellow G=Green B=Blue W=White

OMT1-Foldable



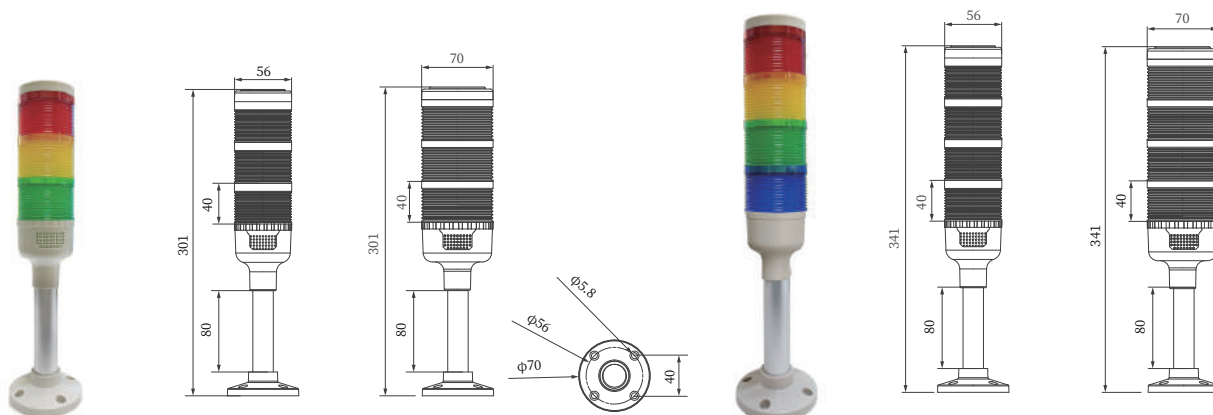
OMT Series LED Multi-Functional Signal Light

- The hybrid prism cuts the lampshade to improve the long-distance visual performance
- Use of double mirror structure to produce vivid color recognition effect with minimal LED
- The lamp body is made of nylon 66, heat and shock resistance

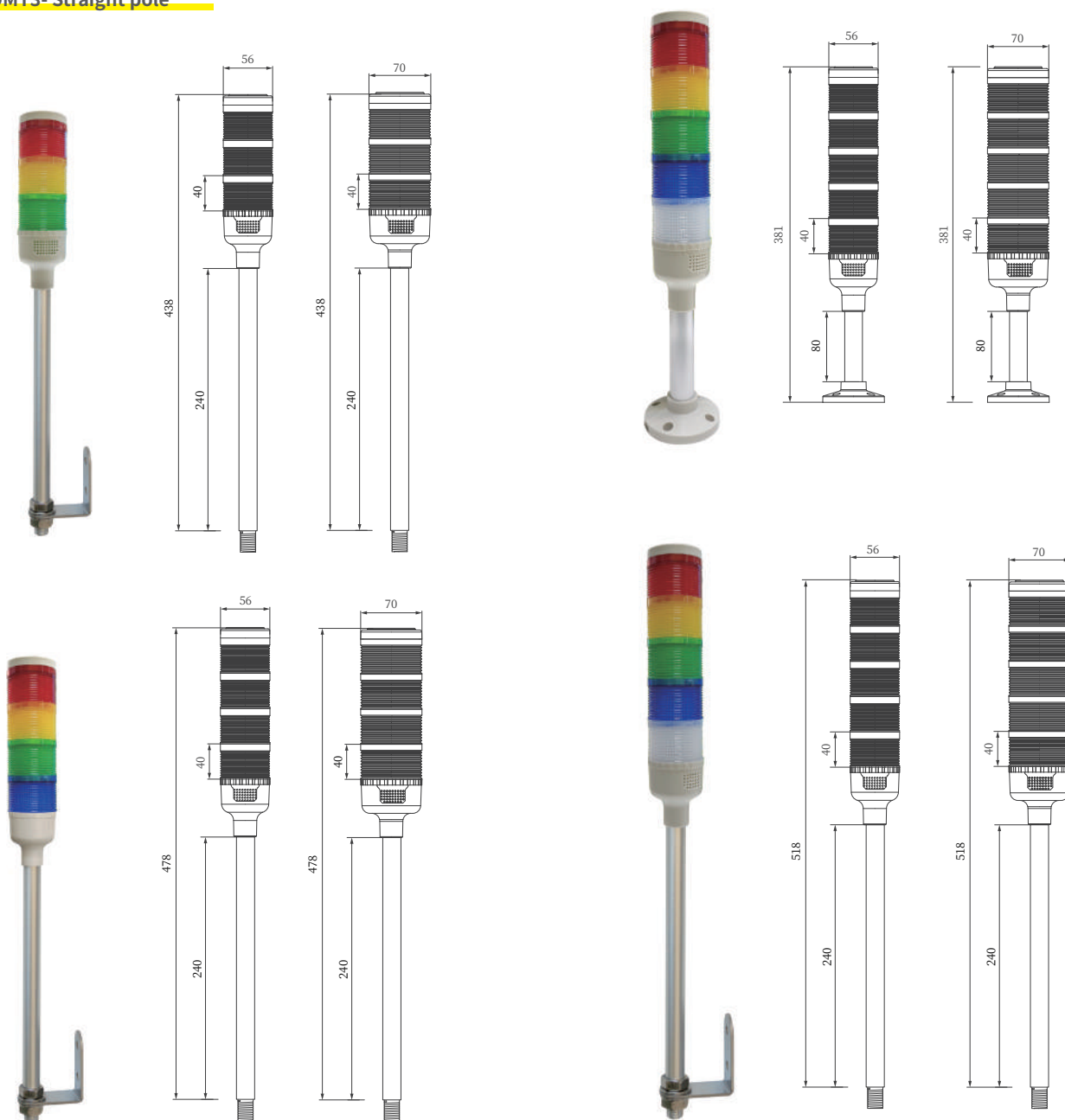
order eg.:

	installation	calibre	layers	rated voltage	function	wire Connecting	signal Color
OMT	1	1	3	01	B	N	RYG
	1=Foldable 2=Upright 3=Straight pole (customizable)	1=Ø56 2=Ø70	1~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

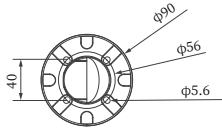
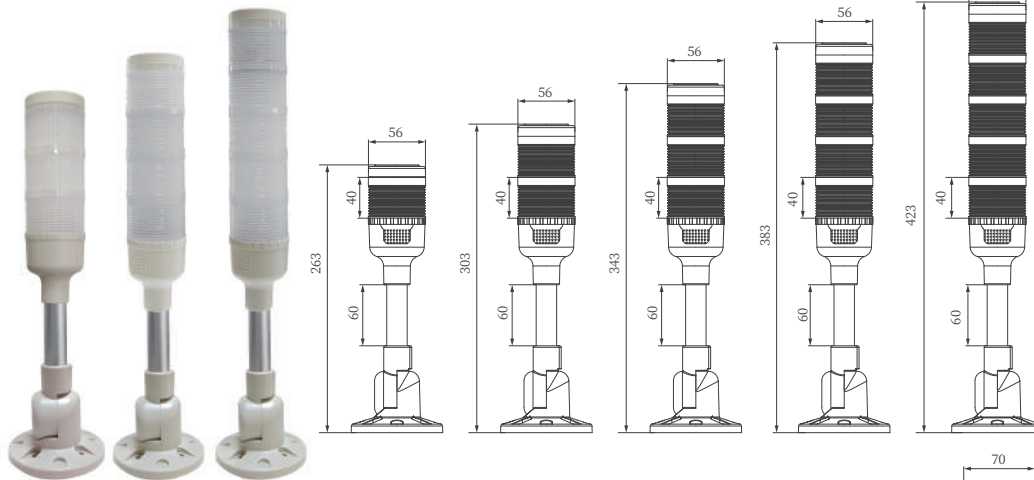
OMT2-Upright



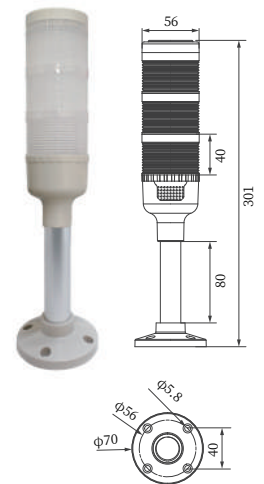
OMT3- Straight pole



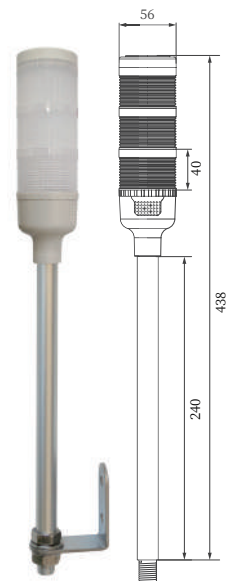
OMW1-Foldable



OMW2-Upright



OMW3- Straight pole

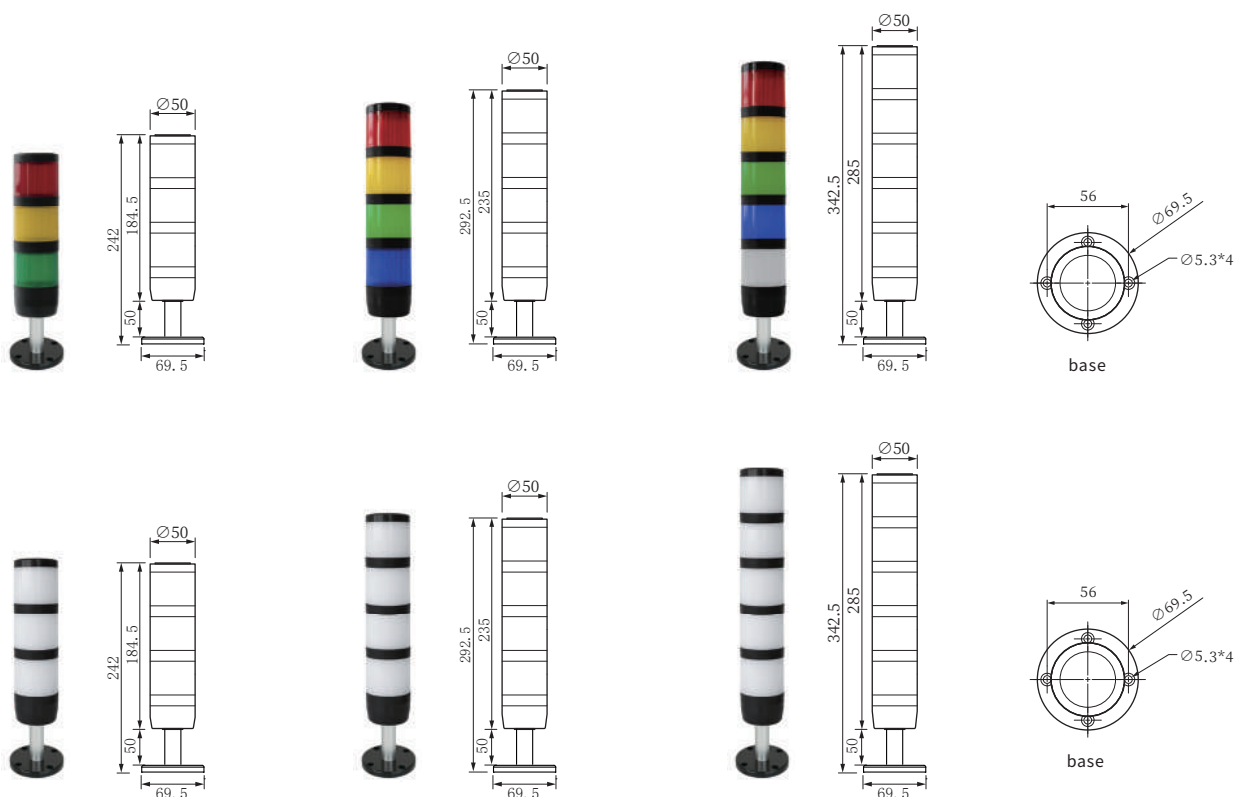


OMW Series LED Multi-Functional Signal Light

- The hybrid prism cuts the lampshade to improve the long-distance visual performance
- Use of double mirror structure to produce vivid color recognition effect with minimal LED
- The lamp body is made of nylon 66, heat and shock resistance

order eg.:

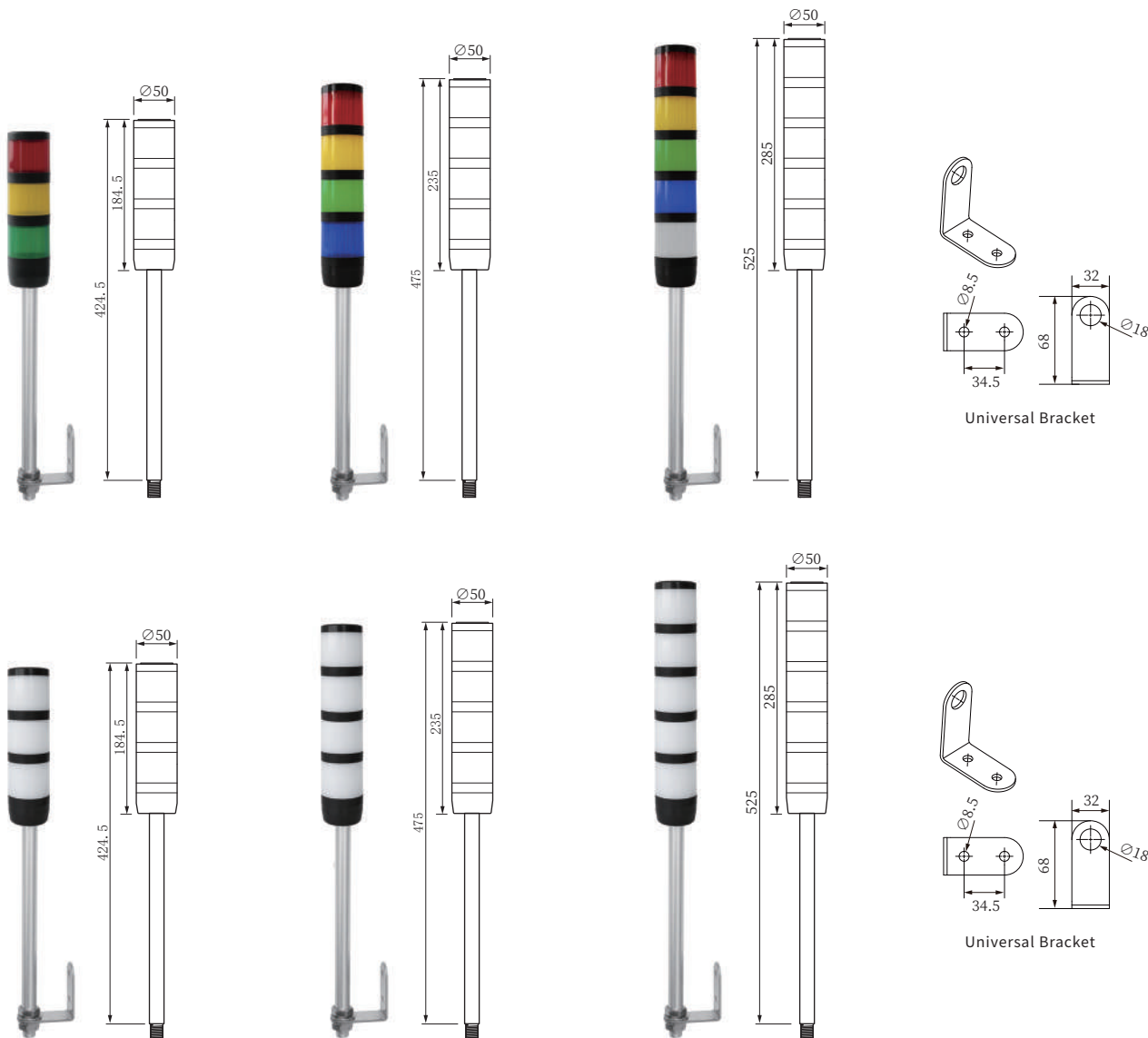
	installation	calibre	layers	rated voltage	function	wire Connecting	signal Color
OMW	1	- 1	- 3	01	B	N	- R Y G
	1=Foldable 2=Upright 3=Straight pole (customizable)	1=Ø56 2=Ø70	1~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



OL5A Series LED Multi-Functional Signal Light

order eg.:

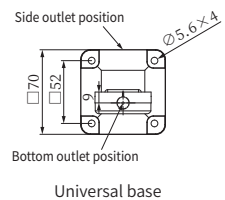
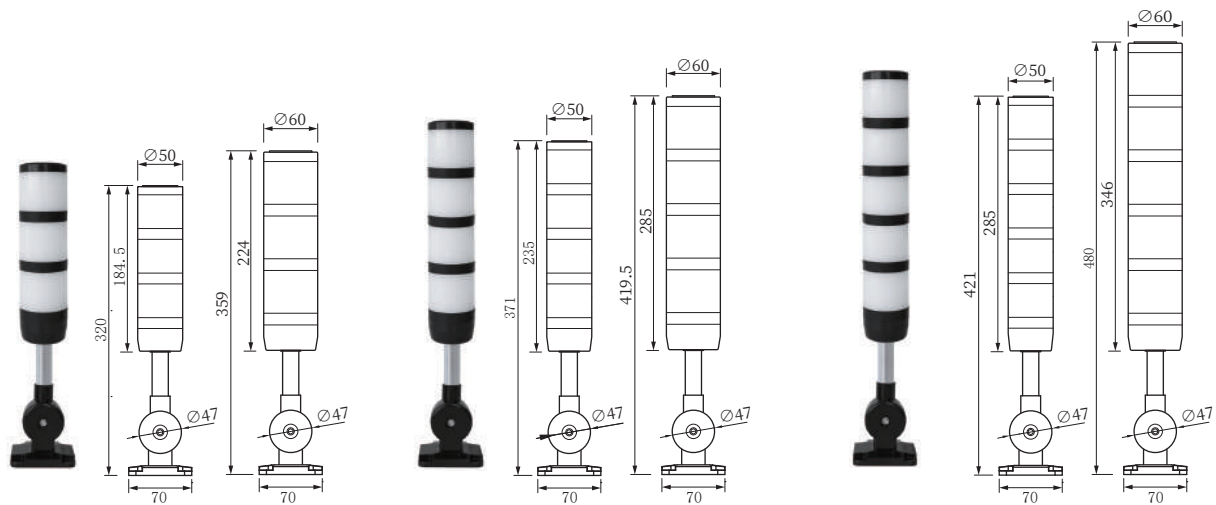
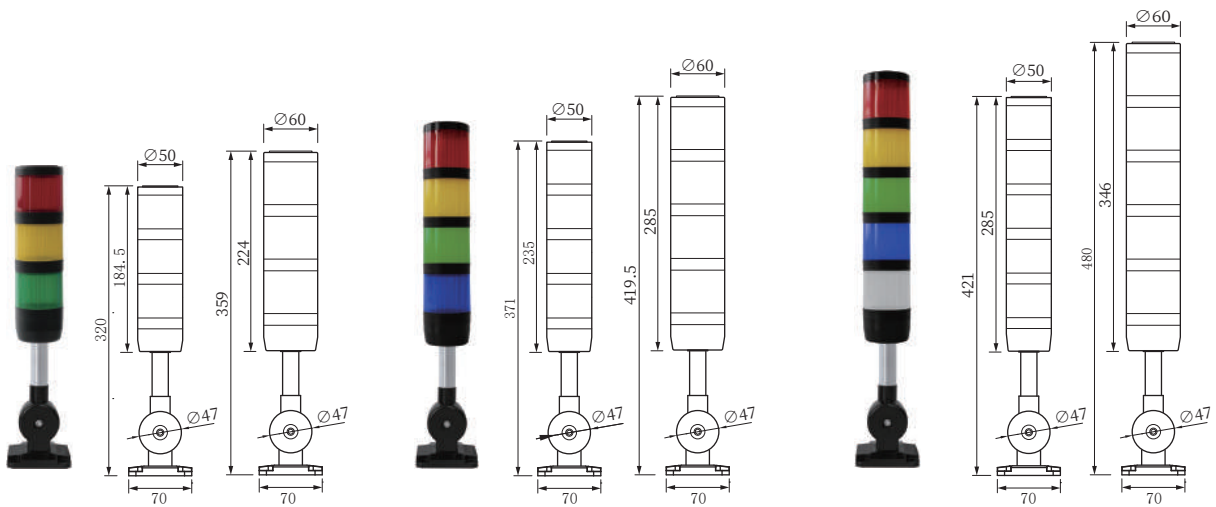
	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OL5A	1	3	01	B	N	RYG
5=Ø50	1=color PC 2=Milky PC	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



OL5B Series LED Multi-Functional Signal Light

order eg.:

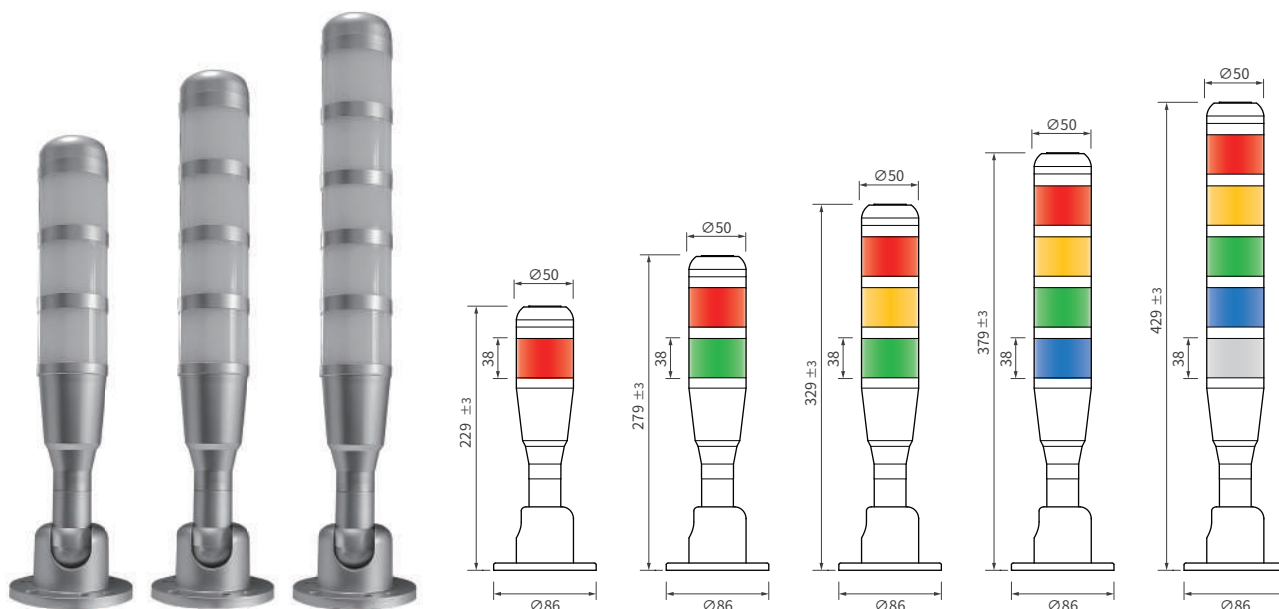
	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OL5B	1	3	01	B	N	RYG
5=Ø50	1=color PC 2=Milky PC	3 ~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



OL5/6C Series LED Multi-Functional Signal Light

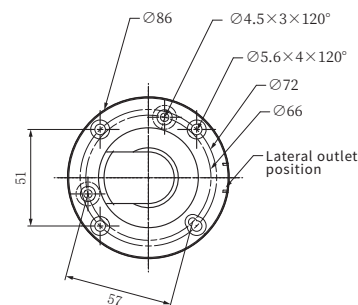
order eg.:

	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OL5C	1	3	01	B	N	RYG
5=Ø60 6=Ø60	1=color acrylic 2=Milky acrylic	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



Base position size

Installation	Screw hole position	Specifications	Quantity
Form A	Ø72	M5	4
Form B	Ø66	M4	3



ODB Series LED Multi-Functional Signal Light

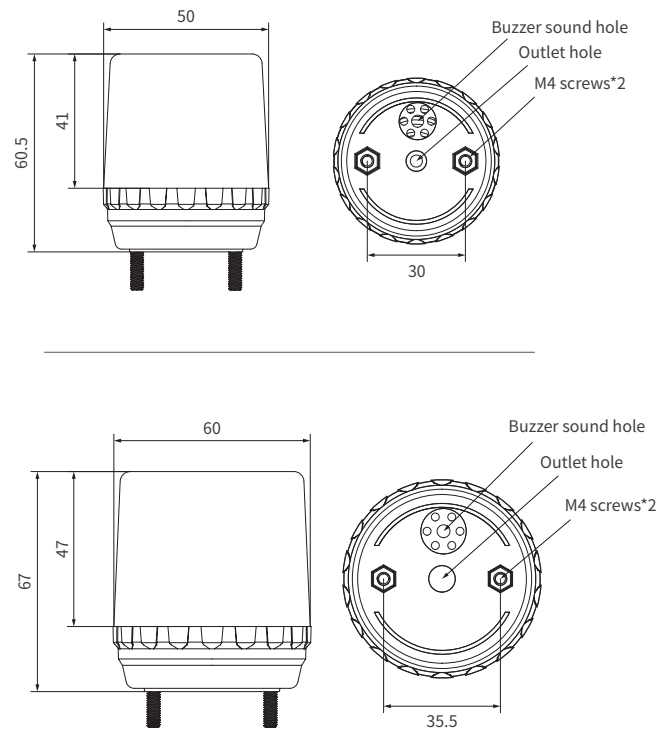
- Acrylic lampshade with high light transmittance, anti-glare
- High-quality LED chips, low power consumption, high performance, high cost performance
- Easy to install and easy to maintain

Application:

CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other places.

order eg.:

Layers	Rated voltage	Function	Wire Connecting	Signal Color
ODB - 3	01	B	N	RYG
1~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

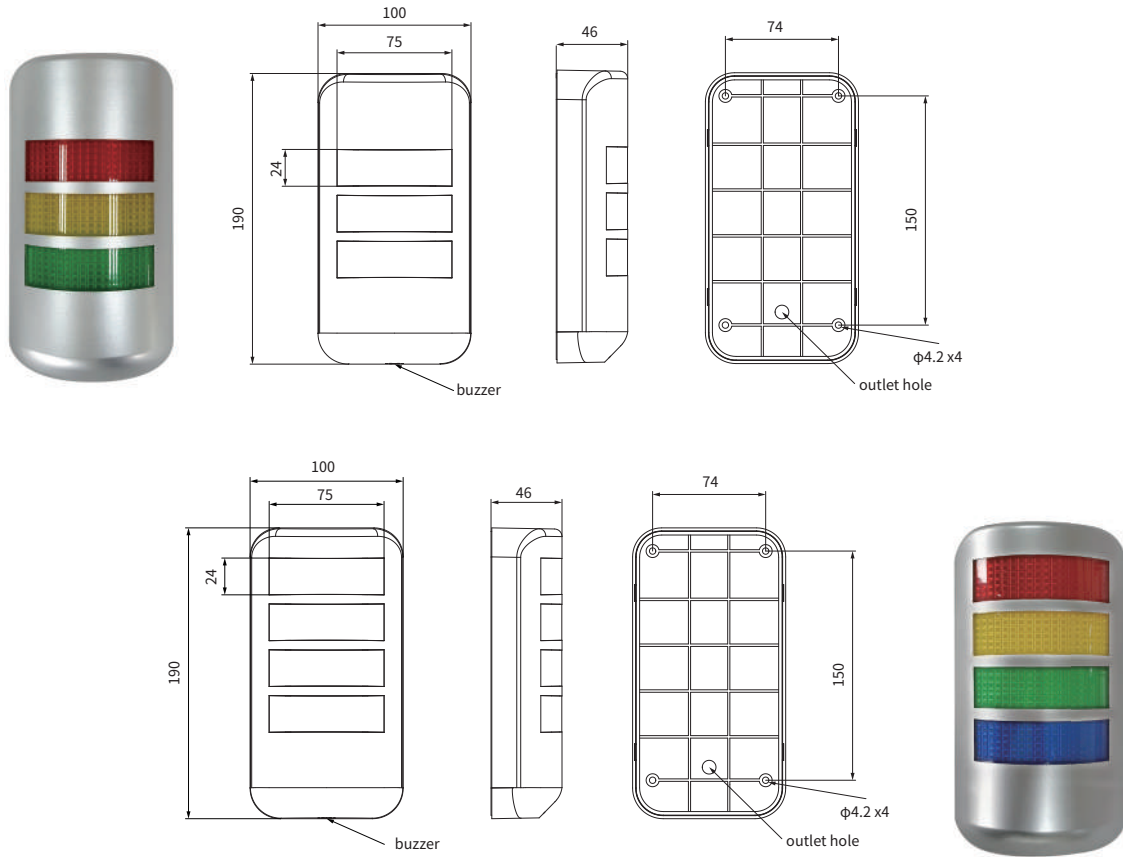


OS50/60 Series LED Multi-Functional Signal Light

- Enhanced Illumination with the use of long-life, super bright LEDs.
- Low power consumption increases energy efficiency
- High vibration-resistance and unnecessary bulb replacement makes it maintenance-free
- Uses a terminal block for easy wiring
- Applications are suitable for small tooling machines, control panels, etc
- Available colors are in Red, Yellow, Green, Blue, and White
- Has the CE mark and conforms to the requirements for the EC directive

order eg.:

OS 50	Layers	Rated voltage	Function	Wire Connecting	Signal Color
-	1	01	B	N	- R
50=Ø50 60=Ø60	1 Layer	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

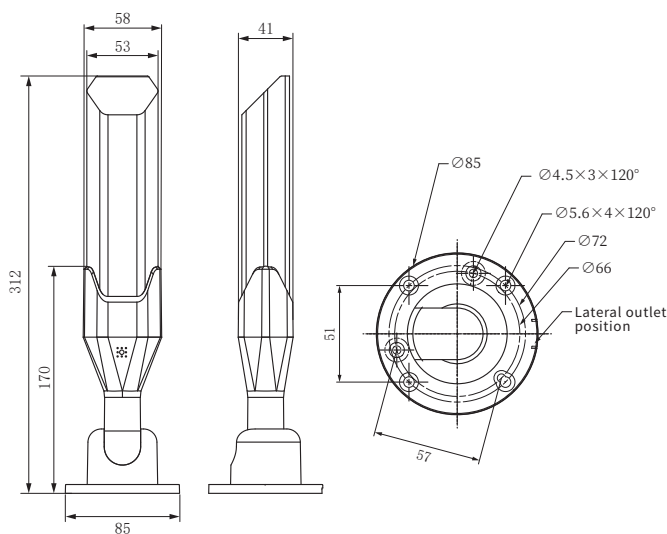


OLS Series LED Multi-Functional Signal Light

- Make multi-functional LED signal light, can meet a variety of needs, cost-effective
- Enhanced lighting with long-life, ultra-bright LEDs and low power consumption for energy efficiency
- High vibration resistance and unnecessary lamp replacement make it maintenance-free
- Easy wiring with terminal blocks
- Wall mounted for space saving

order eg.

	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLS	3	01	B	N	RYG
	3~4Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue



Base position size			
Installation	Screw hole position	Specifications	Quantity
Form A	Ø72	M5	4
Form B	Ø66	M4	3

Application:
CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other lighting.

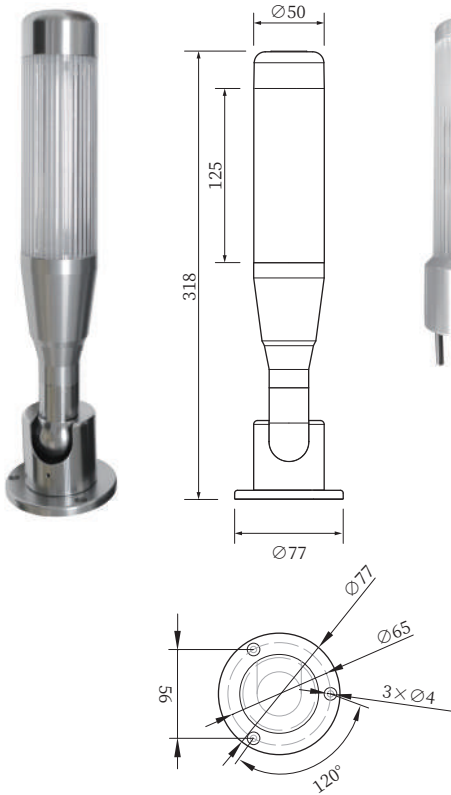


OLT Series LED Multi-Functional Signal Light

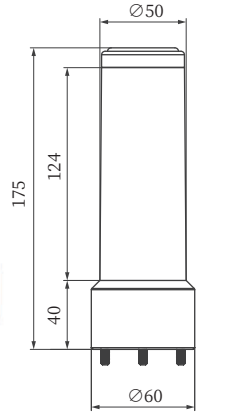
order eg.:

Layers		Rated voltage	Function	Wire Connecting	Signal Color
OLT	- 1	01	B	N -	RYG
1=1 Layer 3 colors		01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green

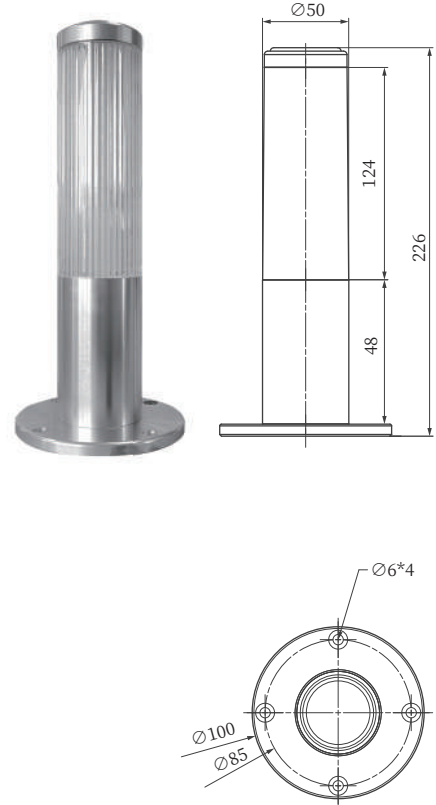
OLQ1



OLQ2



OLQ3



OLQ Series LED Multi-Functional Signal Light

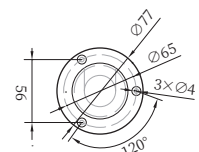
- Hybrid prism cut lampshade for improved visibility at long distances
- Soft diffusion, anti-glare
- High quality LED chip, low power consumption, high performance, high cost performance
- Easy installation, easy maintenance

Application:

CNC machine tools, machine tool, machining center, security equipment, laser equipment, assembly line, security system and other places.

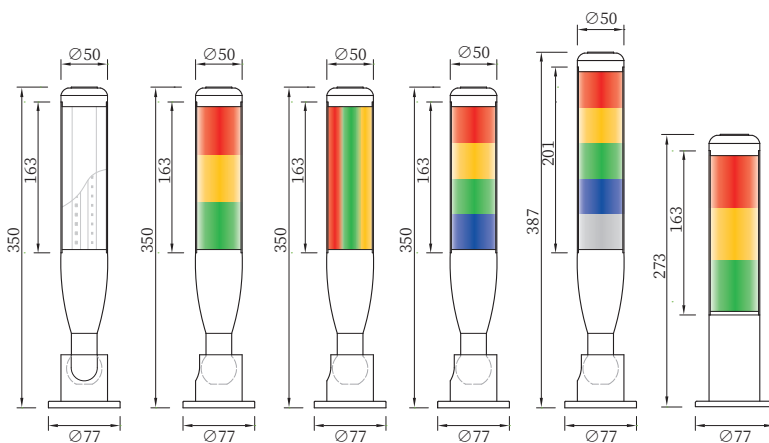
order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLQ - 1	1	01	B	N	RYG
1=Foldable 2=Screw Mounting 3=Straight	1=1 Layer 3 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green

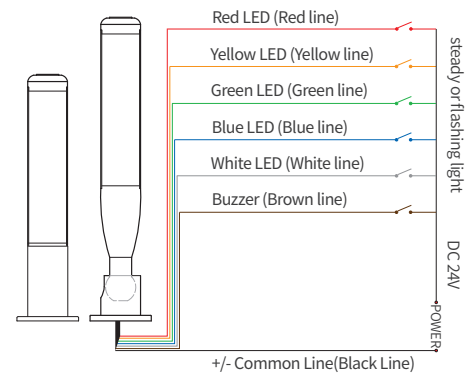


Base position size

OLA Series LED Multi-Functional Signal Light

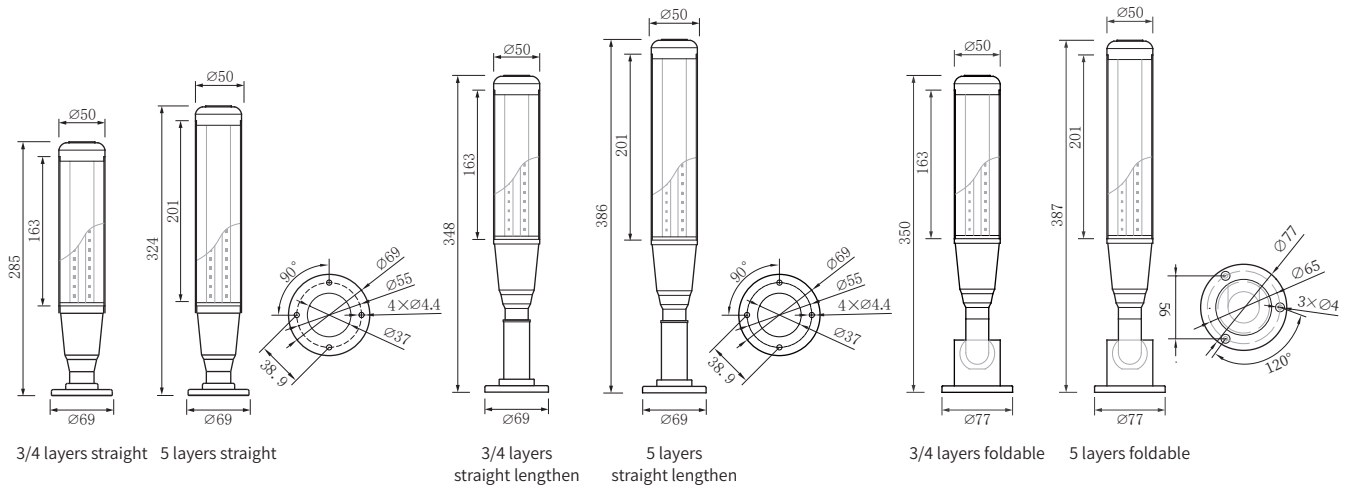


Wiring diagram:



order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLA 2	1	-	5	01	B	N - RYGBW
2=Foldable 3=ONE layer 4=Straight	1=Clear acrylic 2=Milky acrylic	1 ~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



OM Series LED Multi-Functional Signal Light

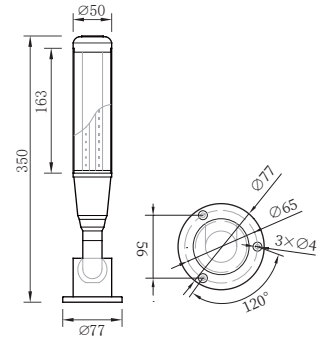
order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
O M C	1	3	01	B	N	RYG
I=Straight J=Straight lengthen C=Foldable	1=Clear acrylic	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

OBC1



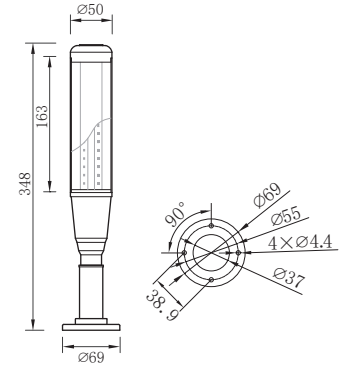
OBC2



OBJ1



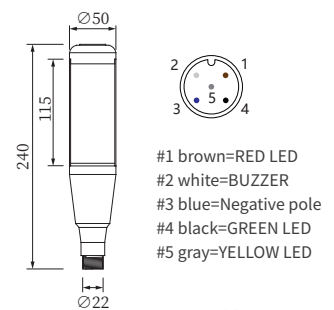
OBJ2



OBS1



OBS2



#1 brown=RED LED
#2 white=BUZZER
#3 blue=Negative pole
#4 black=GREEN LED
#5 gray=YELLOW LED



Mounting Bracket & Nut

OB Series LED Multi-Functional Signal Light

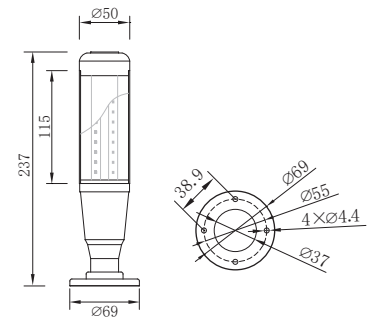
order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
O B C	1	1	0 1	B	N	RYG
C=Foldable J=Straight lengthen S=Nut lock	1=Clear acrylic 2=Milky acrylic	1 Layer 3 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green

OSI1



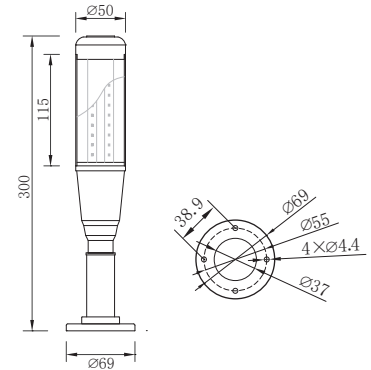
OSI2



OSJ1



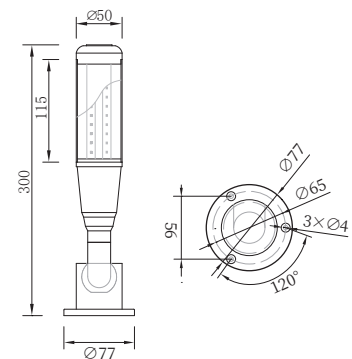
OSJ2



OSC1



OSC2



OS Series LED Multi-Functional Signal Light

order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OSJ	1	-	01	B	N	- RYG
I=Straight J=Straight lengthen C=Foldable	1=Clear acrylic 2=Milky acrylic	1 Layer 3 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green



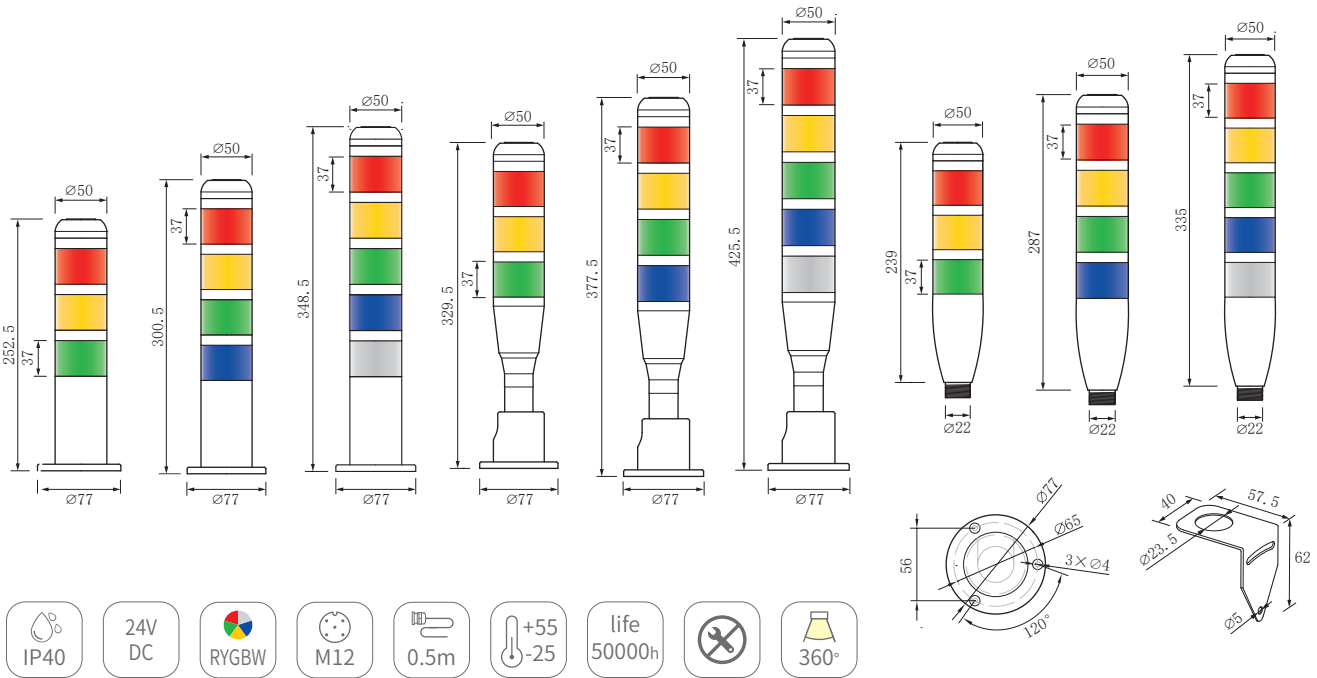
OSC Series LED Multi-Functional Signal Light

order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
O S J	1	- 1	0 1	B	N -	7 colors
I=Straight J=Straight lengthen C=Foldable	1=Clear acrylic 2=Milky acrylic	1 layer of multicolor	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue C=Cyan P=Purple W=White

One line	Light color	Wiring
	Red	Red line
	Green	Green line
	Blue	Blue line
	Yellow	Red line+Green line
	Cyan	Green line+Blue line
	Purple	Red line+Blue line
	White	Red line+Green line+Blue line
	Buzzer	Brown line

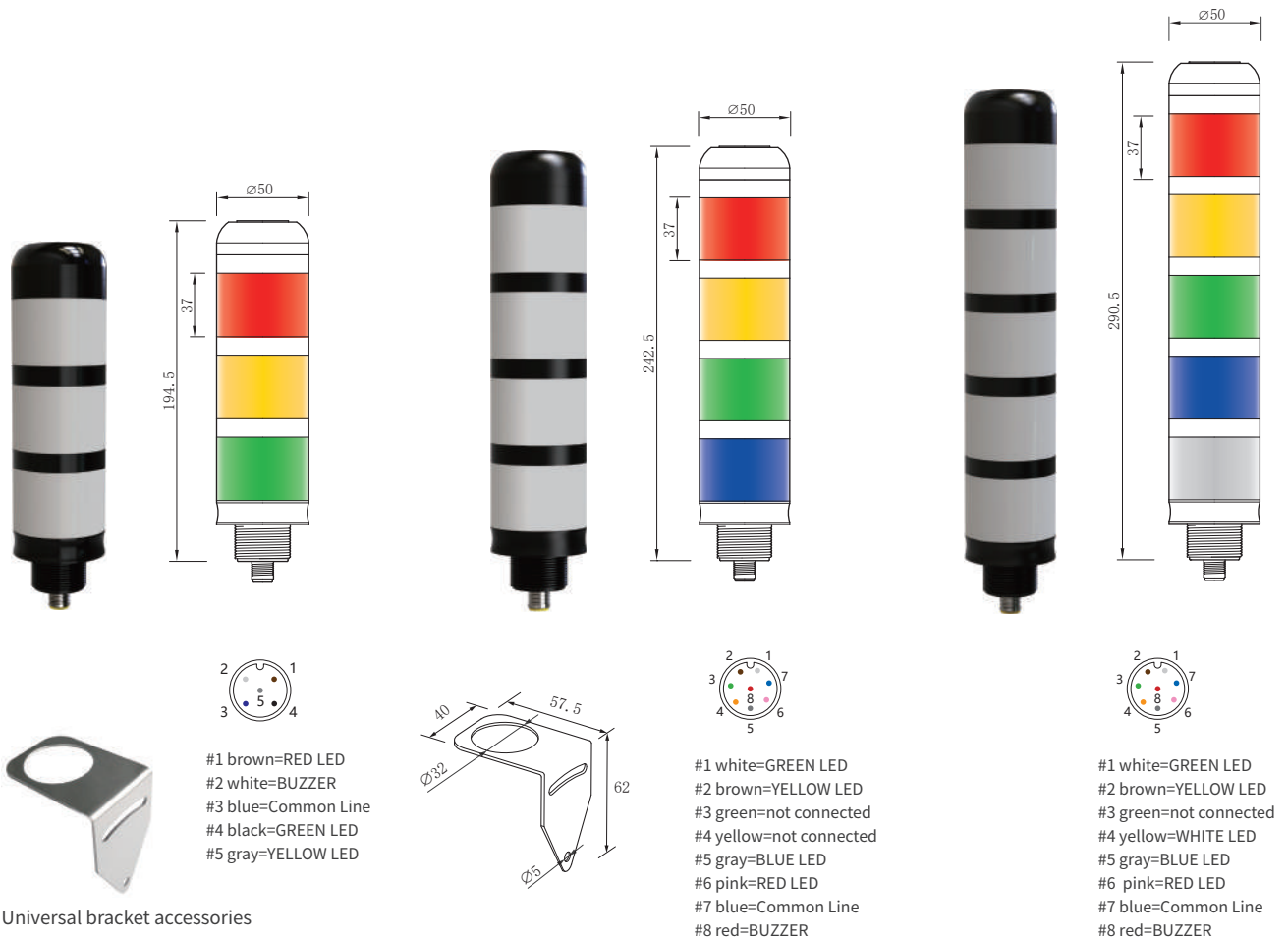
M12	Light color	Wiring
	Red	pin1(Brown)
	Green	pin2(White)
	Blue	pin3(Blue)
	Yellow	pin1(Brown)+pin2(White)
	Cyan	pin2(White)+pin3(Blue)
	Purple	pin1(Brown)+pin3(Blue)
	White	pin1(Brown)+pin2(White)+pin3(Blue)
	Buzzer	pin5(Gray)



OLE Series LED Multi-Functional Signal Light

order eg.:

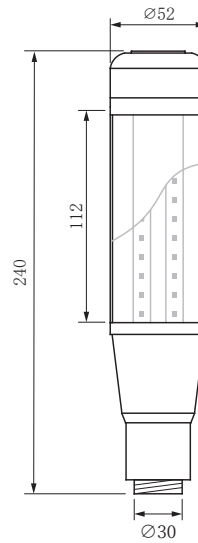
Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLE 2 - 3 01 B N - RYG					
1=Straight 2=Foldable 3=Nut lock	3~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White



OLD Series LED Multi-Functional Signal Light

order eg.:

Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLD - 3	01	B	N -	RYG
3=3 Layers 3 colors 4=4 Layers 4 colors 5=5 Layers 5 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP PN=NPN/PNP	R=Red Y=Yellow G=Green B=Blue W=White



Optional M12 interface



#1 brown=RED LED
#2 white=BUZZER
#3 blue=Common Line
#4 black=GREEN LED
#5 gray=YELLOW LED



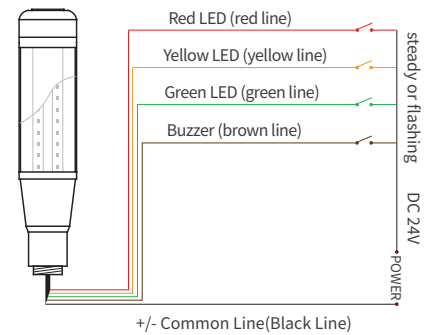
OCS Series Waterproof Led Singal Light

- With waterproof, oil-proof, corrosion-proof and explosion-proof functions
- High-efficiency LED multi-function signal light, improve long-distance visual performance
- The lamp body is made of aluminum alloy, easy to dissipate heat and resist impact

Application:

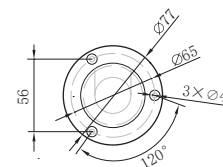
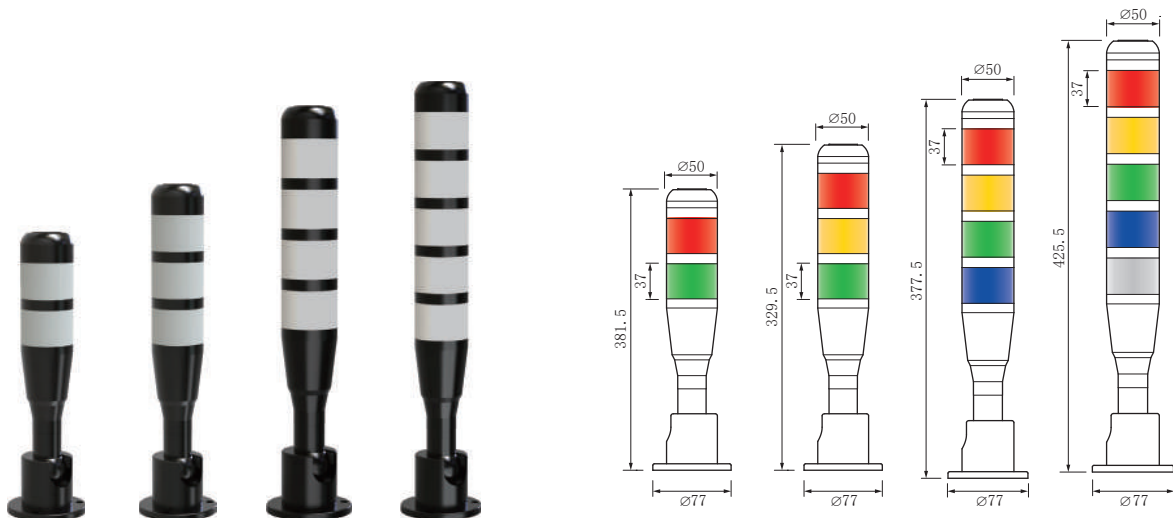
CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

Wiring diagram:



order eg.:

Installation	Light material	Layers	Rated voltage	Function	Wire Connecting	Signal Color
O C S	1	1	0 1	B	N	RYG
S=Nut lock	1=Clear acrylic 2=Milky acrylic	1 Layer 3 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing Q=Flashing with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green



OLE Series Waterproof Led Singal Light

- With waterproof, oil-proof, corrosion-proof and explosion-proof functions
- High-efficiency LED multi-function signal light, improve long-distance visual performance
- The lamp body is made of aluminum alloy, easy to dissipate heat and resist impact

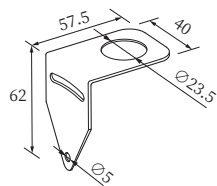
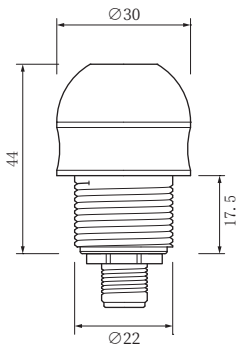
Application:

CNC machine tools, machine tool, machining center, cold storage, electrical cabinet, freezer, mine and other lighting.

order eg.:

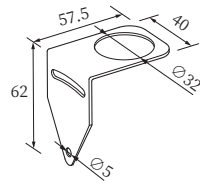
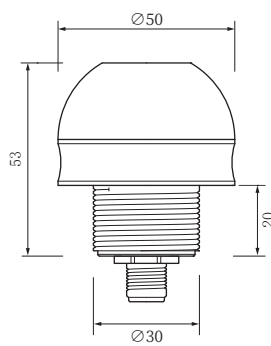
Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
OLE 2	- 3	01	F	N	- RYG
2=Foldable	2~5 Layers	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue W=White

O30



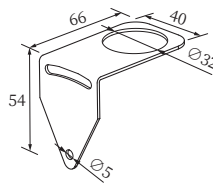
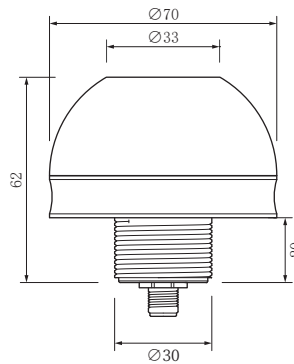
O30 bracket

O50



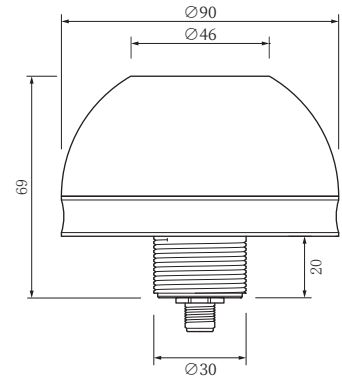
O50/O70 bracket

O70



O70 bracket

O90



Universal bracket accessories



- #1 brown= RED LED
- #2 white=BUZZER
- #3 blue=Common Line
- #4 black=GREEN LED
- #5 gray=YELLOW LED

Buzzer



O30/50/70/90 Series LED Multi-Functional Signal Light

order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
O 5 0 -	1	0 1	B	N -	RYG
30=Ø30 50=Ø50 70=Ø70 90=Ø90	1 Layer 3 colors	01=DC 24V	B=Steady F=Steady with Buzzer R=Flashing(O90) Q=Flashing with Buzzer (O90)	P=NPN N=PNP	RYG 7 colors



A50 Series LED Multi-Functional Signal Light

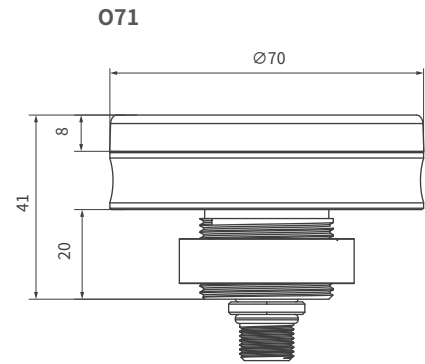
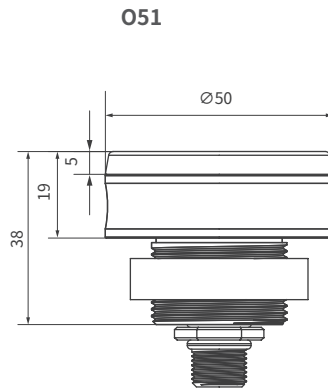
- Compact and mini-sized, fully dustproof and water-jet resistant, suitable for both indoor and outdoor industrial environments;
- Built-in buzzer regulator, with an adjustable buzzer volume range of 60~120dB;
- Constructed with black aluminum alloy for efficient heat dissipation, impact resistance, rust protection and corrosion resistance;
- Easy to use and install, compatible with standard equipment mounting holes.



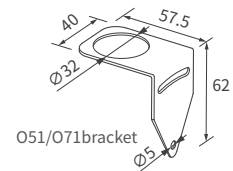
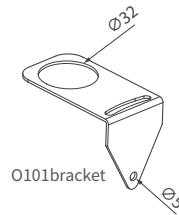
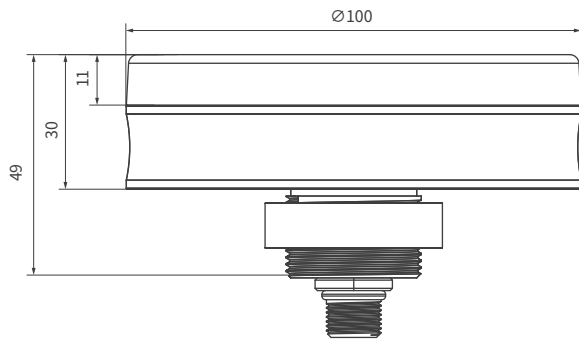
- #1 brown= RED LED
- #2 white=BUZZER
- #3 blue=Common Line
- #4 black=GREEN LED
- #5 gray=YELLOW LED

order eg.:

	layers	rated voltage	function	wire Connecting	signal Color
A 50 - 1 01 F N - RYG	1 Layer 3 colors	01=DC 24V	F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green



O101



#1 brown= RED LED
#2 white= Not connected
#3 blue= Common Line
#4 black= GREEN LED
#5 gray= YELLOW LED



O51/O71/O101 Series LED Multi-Functional Signal Light

- High-quality LED light source, long service life, energy saving and environmental protection
- Easy to install, durable, fully sealed, protection class IP69K
- 360 degrees without corner exposure, eliminate the visual blind spots may exist, greatly improving the visual performance of long distance

order eg.:

installation	layers	rated voltage	function	wire Connecting	signal Color
O 5 1 - 1	0 1	B	N	- R Y G	
51=Ø50 71=Ø70 101=Ø100	1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R= Red Y= Yellow G= Green



052/O72/O102 Series Three-color icon indicator

- High-quality LED light source, long service life, energy saving and environmental protection
- Easy to install, durable, fully sealed, protection class IP69K
- 360 degrees without corner exposure, eliminate the visual blind spots may exist, greatly improving the visual performance of long distance

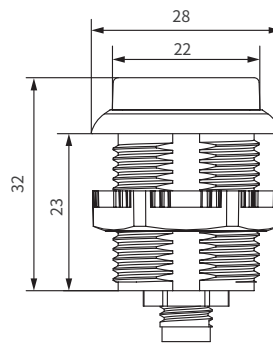
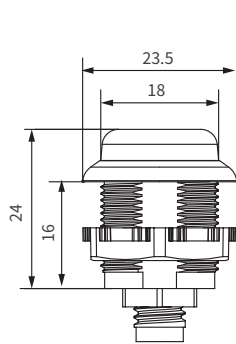
order eg.:

installation	layers	rated voltage	function	wire Connecting	signal Color
O 5 2	- 1	0 1	B	N	- R Y G
52=Ø50 72=Ø70 102=Ø100	1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R= Red Y= Yellow G= Green

N18



N22



#1 brown=RED LED
#2 white=NOT CONNECTED
#3 blue=Common Line
#4 black=GREEN LED
#5 gray=YELLOW LED



N18/22 Series LED Multi-Functional Signal Light

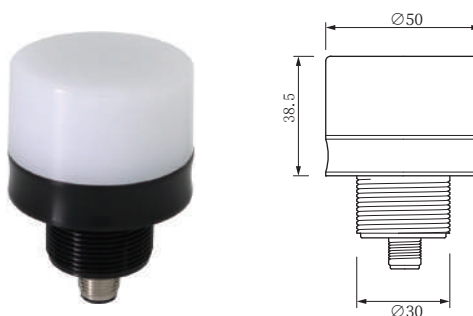
order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
N 18	- 1	01	B	N	- RYG
18=Ø18 22=Ø22	1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R=Red Y=Yellow G=Green

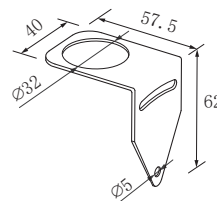
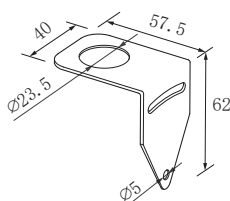
H30



H50



Universal bracket accessories



Buzzer



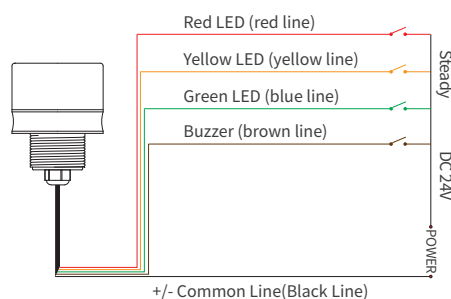
H30/50 Series LED Multi-Functional Signal Light

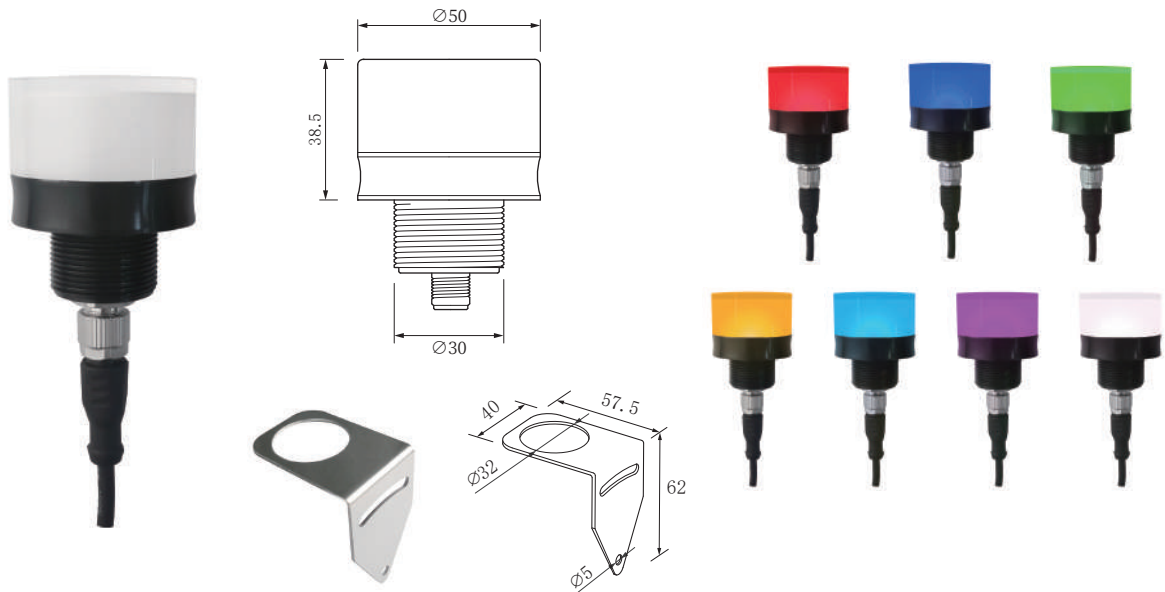
order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
H 5 0 -	1	0 1	B	N	- RYG
30=Ø30 50=Ø50	1 layer multicolor	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green

M12	Light color	Wiring
	Red	pin 1(Brown)
	Yellow	pin 2(White)
	common line	pin 3(Blue)
	Green	pin 4(Black)
	Buzzer	pin 5(Gray)

Wiring diagram:





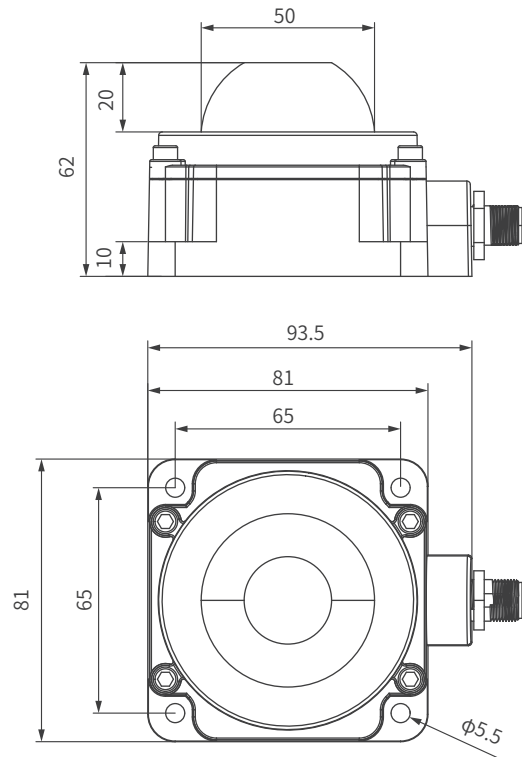
H50 Series LED Multi-Functional Signal Light

order eg.:

Installation	Layers	Rated voltage	Function	Wire Connecting	Signal Color
H 50 -	1	01	B	N -	7 colors
30=Ø30 50=Ø50	1 layer multicolor	01=DC 24V	B=Steady F=Steady with Buzzer	P=NPN N=PNP	R=Red Y=Yellow G=Green B=Blue C=Cyan P=Purple W=White

One line	Light color	Wiring
	Red	Red line
	Green	Green line
	Blue	Blue line
	Yellow	Red line+Green line
	Cyan	Green line+Blue line
	Purple	Red line+Blue line
	White	Red line+Green line+Blue line
	Buzzer	Brown line

M12	Light color	Wiring
	 Red	pin1(Brown)
	 Green	pin2(White)
	 Blue	pin3(Blue)
	 Yellow	pin1(Brown)+pin2(白)
	 Cyan	pin2(White)+pin3(Blue)
	 Purple	pin1(Brown)+pin3(Blue)
	 White	pin1(Brown)+pin2(White)+pin3(Blue)
	Buzzer	pin5(Gray)



Buzzer



O80 Series LED Multi-Functional Signal Light

order eg.:

Series: O 80 - Layers: 1 Rated voltage: 01 Function: B Wire Connecting: N - Signal Color: 7 colors

1 layer multicolor 01=DC 24V B=Steady F=Steady with Buzzer P=NPN N=PNP RYG 7 colors

M12	Light color	Wiring
	Red	pin 1(Brown)
	Yellow	pin 2(White)
	common line	pin 3(Blue)
	Green	pin 4(Black)
	Buzzer	pin 5(Gray)

M12	Light color	Wiring
	Red	pin1(Brown)
	Green	pin2(White)
	Blue	pin3(Blue)
	Yellow	pin1(Brown)+pin2(White)
	Cyan	pin2(White)+pin3(Blue)
	Purple	pin1(Brown)+pin3(Blue)
	White	pin1(Brown)+pin2(White)+pin3(Blue)
	Buzzer	pin5(Gray)



OSLA Series Sound and Light Signal Light

- Strobe, shiny, flash, steady, buzzer warning mode
- Hybrid prism cut lampshade to diffuse bright signal light
- Excellent vibration and impact resistance
- High-quality high-performance LED, long service life

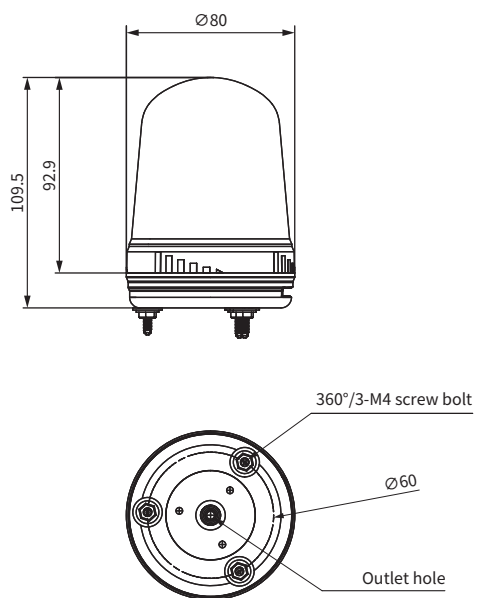
Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

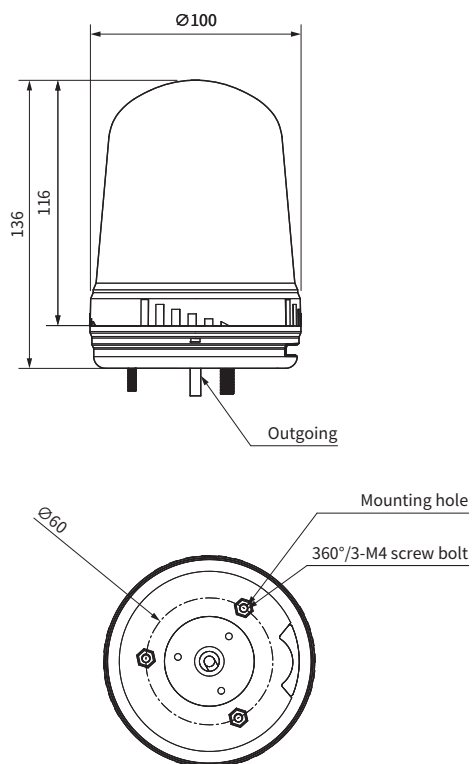
order eg.:

Diameter	Layers	Rated voltage	Function	Signal Color
OSLA 2	- 1	01 -	Q3	- R
1=Ø80 2=Ø100 3=Ø120	1 Layer 1 color	01=AC/DC 12~24V 02=AC 100~220V	Q1=Strobe with buzzer Q2=Shiny with buzzer Q3=Flash with buzzer Q4=Steady with Buzzer	R=Red O=Orange G=Green B=Blue

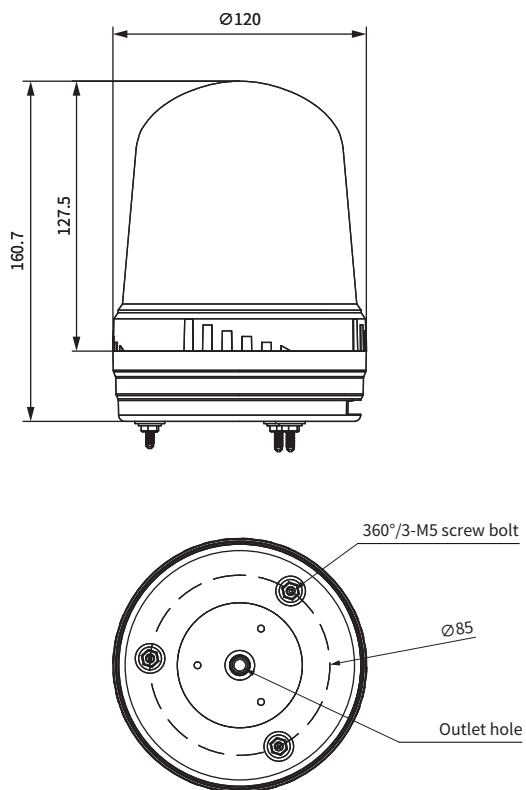
OSLA1



OSLA2

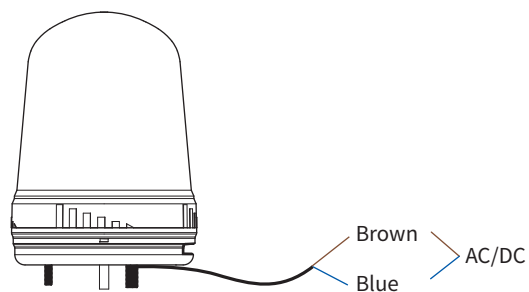


OSLA3

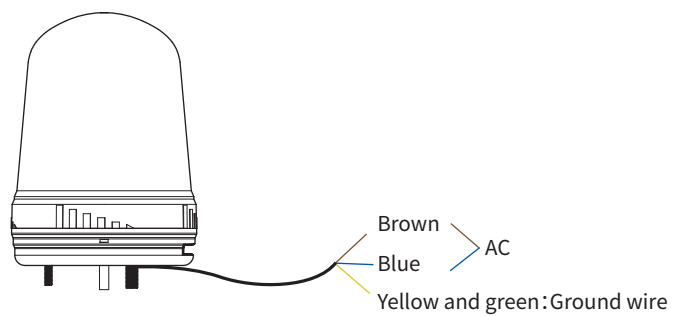


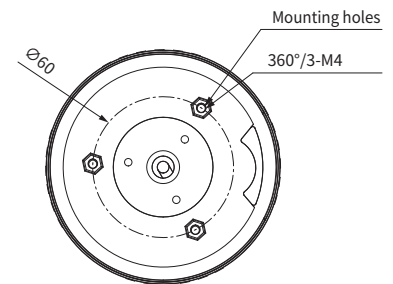
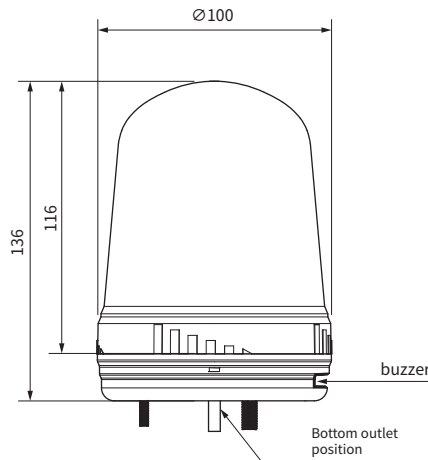
Wiring diagram:

12~24V AC/DC



100~220V AC





OSLB Series Sound and Light Signal Light

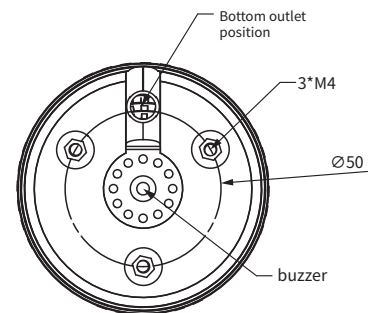
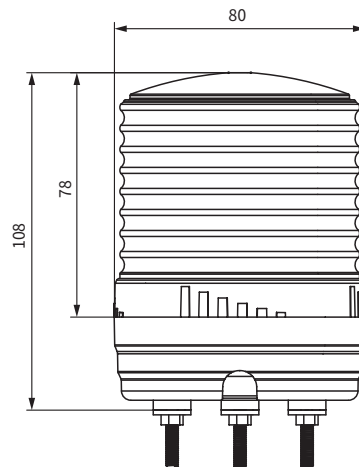
- Three-color constant light with buzzer warning mode
- Hybrid prism cut lampshade to diffuse bright signal light
- Excellent vibration and impact resistance
- High-quality high-performance LED, long service life

Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

order eg.

Calibre	Layers	Rated voltage	Signal Color
OSLB 1	- 1	01	- RYG
1=Ø100	1=1 Layer	01=AC/DC 12~24V	R=Red Y=Yellow G=Green



OSLC Series Sound and Light Signal Light

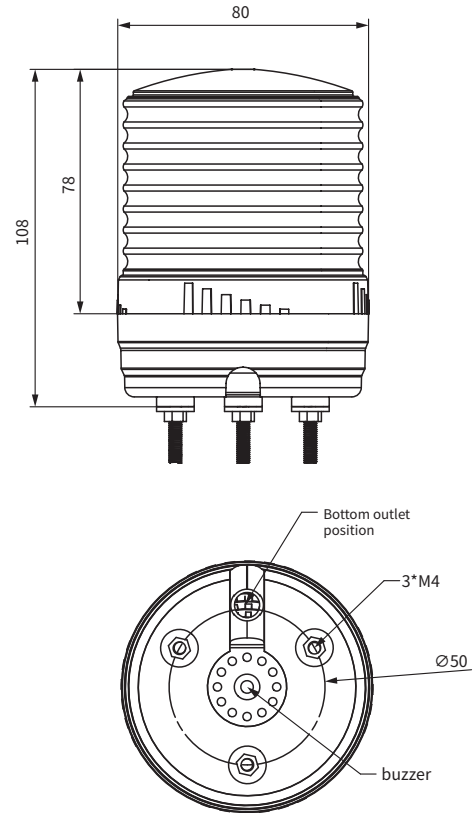
- Three-color constant light with buzzer warning mode
- Hybrid prism cut lampshade to diffuse bright signal light
- Excellent vibration and impact resistance
- High-quality high-performance LED, long service life

Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

order eg.

Light material	Layers	Rated voltage	Signal Color
OSLC 1	- 1	01	- RYG
1=White	1=1 Layer	01=AC/DC 12~24V	R=Red Y=Yellow G=Green



OSLC Series Sound and Light Signal Light

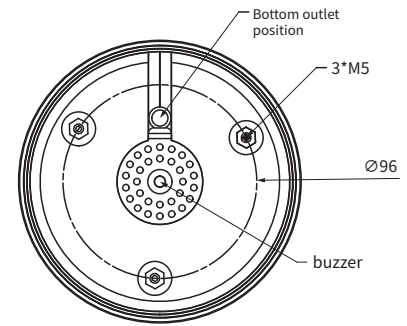
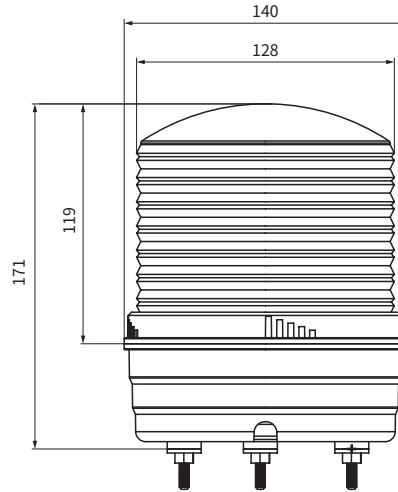
- Strobe, shiny, flash, steady, buzzer warning mode
- Hybrid prism cut lampshade to diffuse bright signal light
- Excellent vibration and impact resistance
- High-quality high-performance LED, long service life

Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

order eg.

Light material	Layers	Rated voltage	Function	Signal Color
OSLC 2	- 1	01	- Q3	- O
2=Orange	1=1 Layer	01=AC/DC 12~24V 02=AC 100~220V	Q1=Strobe with buzzer Q2=Shiny with buzzer Q3=Flash with buzzer Q4=Steady with Buzzer	O=Orange R=Red



OSLE Series Sound and Light Signal Light

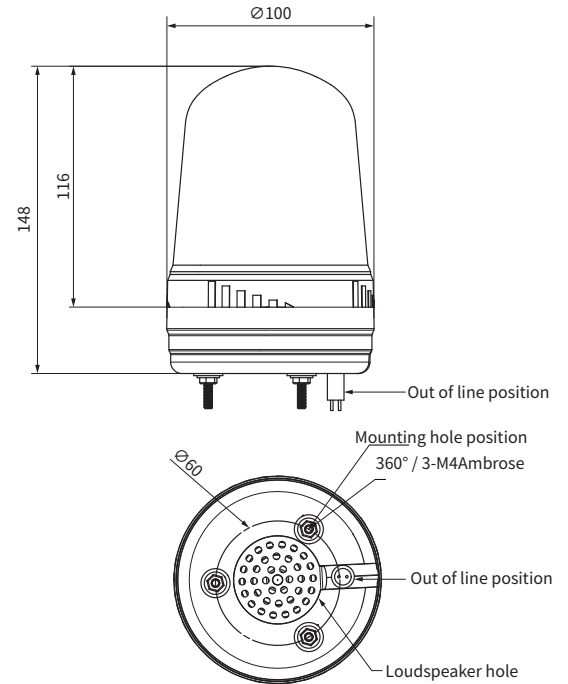
- Strobe, shiny, flash, steady, buzzer warning mode
- Hybrid prism cut lampshade to diffuse bright signal light
- Excellent vibration and impact resistance
- High-quality high-performance LED, long service life

Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

order eg.

Calibre	Layers	Rated voltage	Function	Signal Color
OSLE 1	- 1	01	- Q3	- O
1=Ø120	1=1 Layer	01=AC/DC 12~24V 02=AC 100~220V	Q1=Strobe with buzzer Q2=Shiny with buzzer Q3=Flash with buzzer Q4=Steady with Buzzer	O=Orange



OSLA-SPK Series Sound Signal Light and speakers

- Using long-life LED as the light source, clear and pleasant speakers
- Special diffusion lampshade and LED direct light distribution structure, to disperse bright signal light
- Built in rotating -normal light -flash -slow flash mode
- Flashing times: 60~80 times/min

Application:

Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

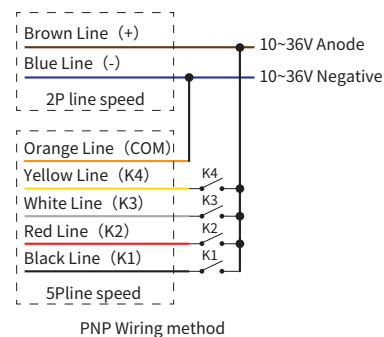
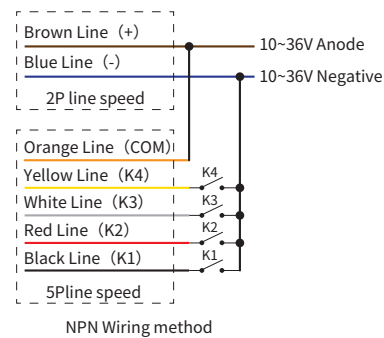
order eg.:

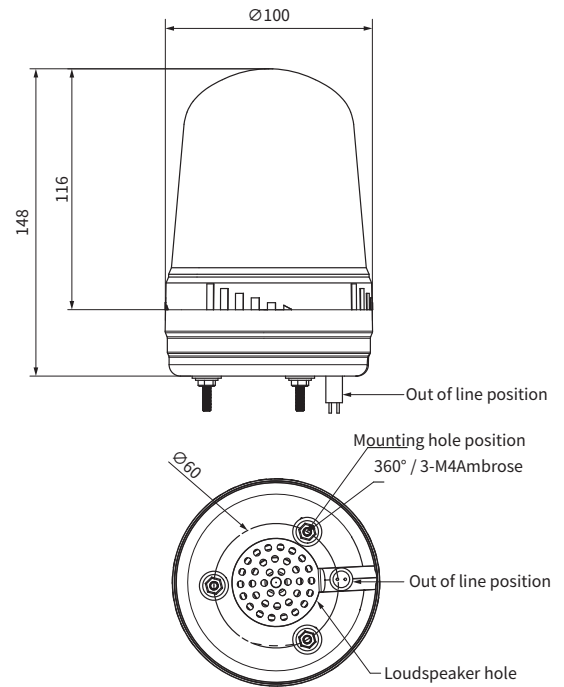
Wire Connecting Signal Color

OSLA-SPK - IO - R

R=Red
O=Orange

Wiring Diagram





OSLA-SPK Series Sound Signal Light and speakers

- Suitable for industrial RS485 communication, output clear and light 8~48Khz MP3 Audio and sound panel embedded signal speaker
- Set up to 255 IDs with a dedicated program
- Using RS485 communication, 255 audio sources can be selected and played
- Use USB C-TYPE data cable to save MP3 audio source
- Support 128Mbyte storage capacity (file format: FAT)
- Supports 4 communication speeds: 9600bps, 19200bps, 38400bps, 115200bps
- Material: ABS
- Sound volume: Max.90dB at 1m
- Ambient temperature: -25°C+50°C

Application:

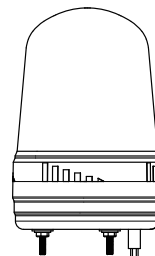
Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

Wiring Diagram

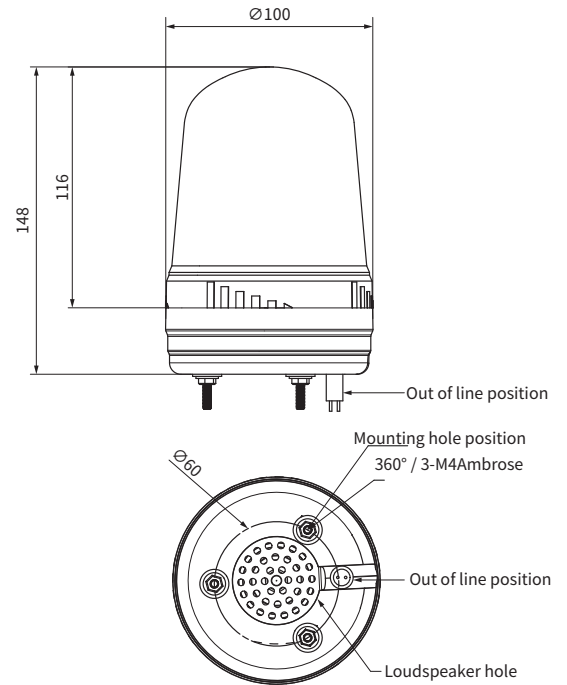
Note: Only the two devices at the end of the RS485 bus need to be connected to 120Ω terminal matching resistors!

order eg.:

Wire Connecting Signal Color
OSLA-SPK - RS485 - R
 R=Red
 O=Orange



Blue Line	Power GND
Brown Line	Power supply positive
White Line	RS485+/A
Yellow Line	RS485-/B
Orange Line	RS485 Signal Land



OSLA-SPK Series Sound Signal Light and speakers

- Panel-mounted signal speaker for industrial CAN communication, outputting clear and light 8~48Khz MP3 Audio and tones
- 255 IDs can be set by special program
- Select and play 255 audio sources with CAN communication
- Use USB C-TYPE data cable to save MP3 audio source
- Supports 128Mbyte storage capacity (file format: FAT)
- Supports CAN communication standard version 2.0A/2.0B
- Supports 4 communication speeds: 125Kbps, 250Kbps, 500Kbps, 1Mbps

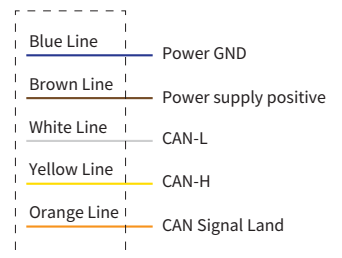
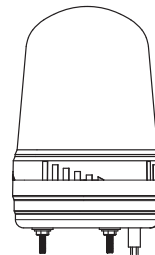
Application:

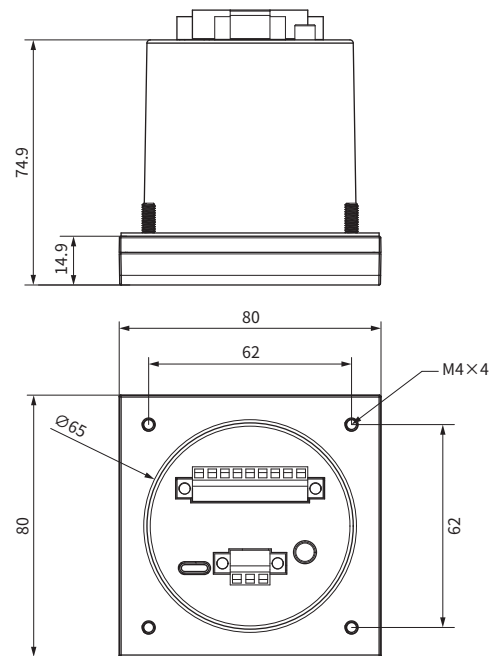
Lifting machinery, construction machinery, ports, transportation, security equipment and other places.

Wiring Diagram

Note: Only the two devices at the end of the CAN bus need to be connected to the 120 Ω terminal matching resistor!

order eg.:





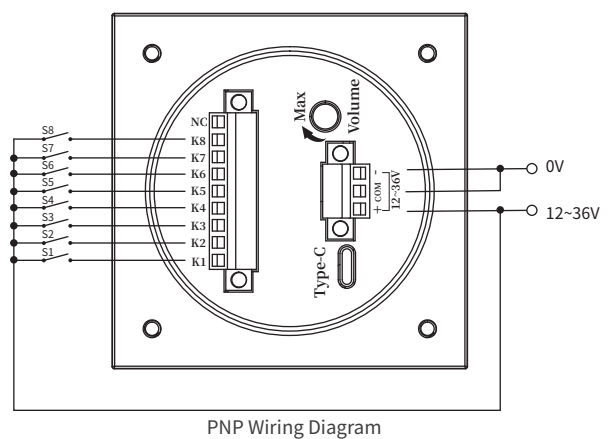
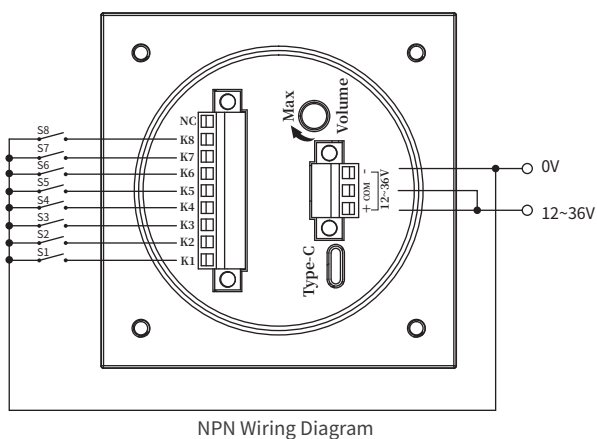
OLSPK Series Signal loudspeaker IO type

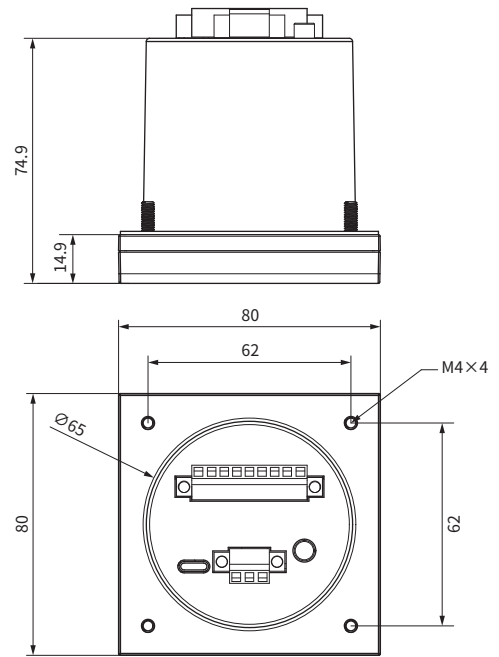
order eg.:

Wire Connecting
OLSPK - IO-01

- Output clear and pleasant music sounds, embedded speakers, and update audio files through the type C USB interface
- The olspk product has a built-in 512MB sdnand and supports MP3 and wav format files
- Eight way optocoupler isolation input, common positive and negative, can control 255 segments of audio playback, input trigger signal to start playback, and disconnect trigger signal to stop playback
- Adjust the volume through the built-in volume knob. Sound level greater than 90 dB

■ Wiring Diagram





OLSPK Series Signal loudspeaker RS485 type

- Suitable for industrial RS485 communication, output clear and light 8~48Khz MP3 Audio and sound panel embedded signal speaker
- Set up to 255 IDs with a dedicated program
- Using RS485 communication, 255 audio sources can be selected and played
- Use USB C-TYPE data cable to save MP3 audio source
- Support 128Mbyte storage capacity (file format: FAT)
- Supports 4 communication speeds: 9600bps, 19200bps, 38400bps, 115200bps
- Material: ABS
- Sound volume: Max.90dB at 1m
- Ambient temperature: -25°C+50°C

Application:

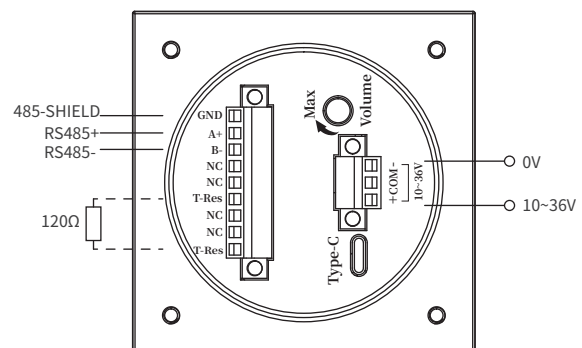
It can be used for long-distance warning of AGV, battery equipment, robots, various noisy factory environments or large equipment.

Wiring Diagram

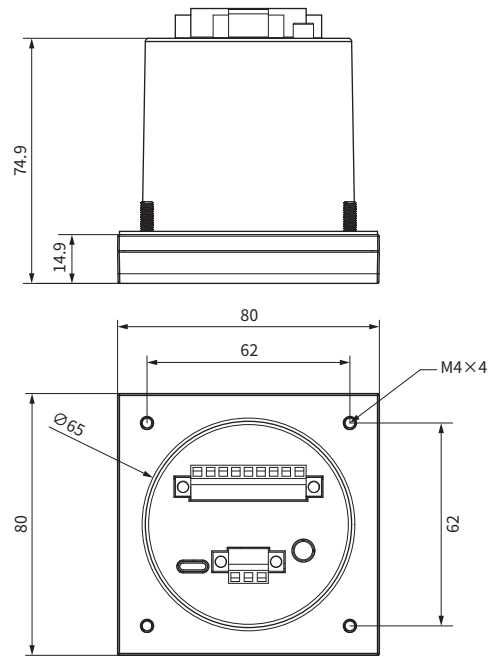
Note: Only the two devices at the end of the RS485 bus need to be connected to 120Ω terminal matching resistors!

order eg.:

Wire Connecting
OLSPK - RS485



RS485 signal speaker wiring diagram



OLSPK Series Signal loudspeaker CAN type

- Panel-mounted signal speaker for industrial CAN communication, outputting clear and light 8~48KHz MP3 Audio and tones
- 255 IDs can be set by special program
- Select and play 255 audio sources with CAN communication
- Use USB C-TYPE data cable to save MP3 audio source
- Supports 128Mbyte storage capacity (file format: FAT)
- Supports CAN communication standard version 2.0A/2.0B
- Supports 4 communication speeds: 125Kbps, 250Kbps, 500Kbps, 1Mbps

Application:

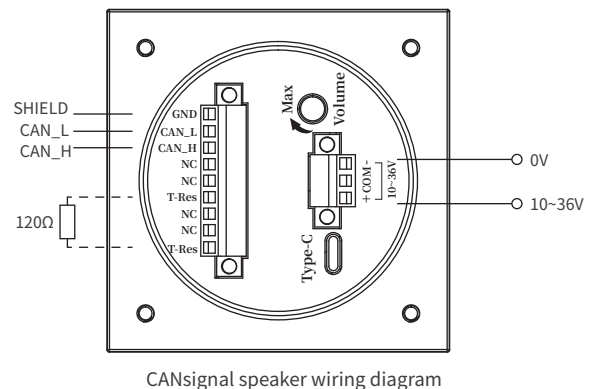
It can be used for long-distance warning of AGV, battery equipment, robots, various noisy factory environments or large equipment.

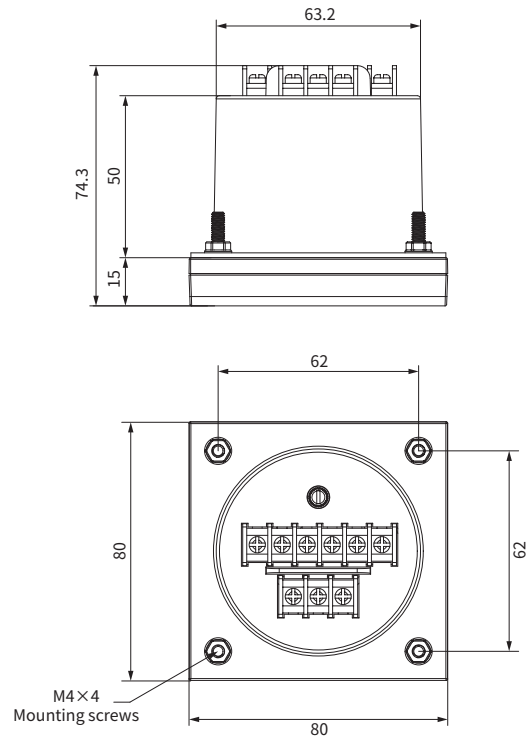
Wiring Diagram

Note: Only the two devices at the end of the CAN bus need to be connected to the 120 Ω terminal matching resistor!

order eg.:

Wire Connecting
OLSPK - CAN





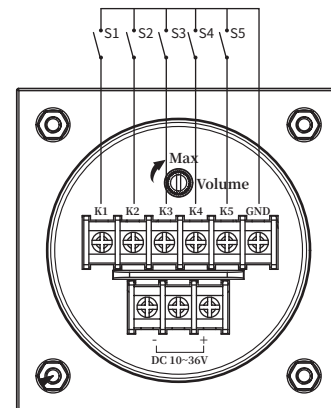
OLSPK Series Signal speaker simple IO type

- Panel-mounted signal speaker that emits a light, bright 8th harmonic tone
- The size of the mounting port is the same as the size of the general machinery (62x62mm), and the product is very compatible for installation.
- No need to open the product, the volume can be adjusted at the back, the volume is greater than 90dB
- Various signal tones such as warning tones, music tones or alert tones can be selected according to the purpose of the message
- Terminal blocks for power wiring are provided at the back of the product

Application:

It can be used for long-distance warning of AGV, battery equipment, robots, various noisy factory environments or large equipment.

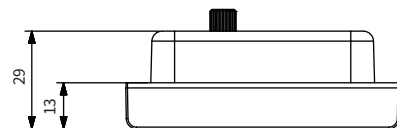
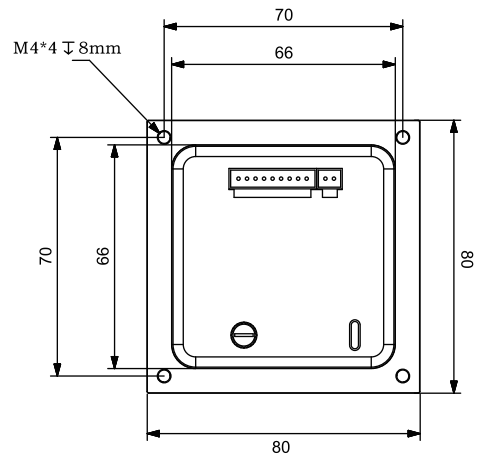
Wiring Diagram



IO type 5 tone signal speaker wiring diagram

order eg.:

Wire Connecting
OLSPK - IO-02



SOLSPK Series Signal loudspeaker IO type

order eg.:

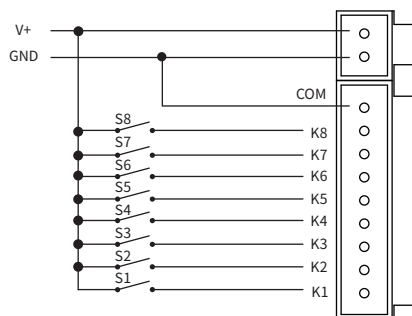
wire Connecting

SOLSPK - IO

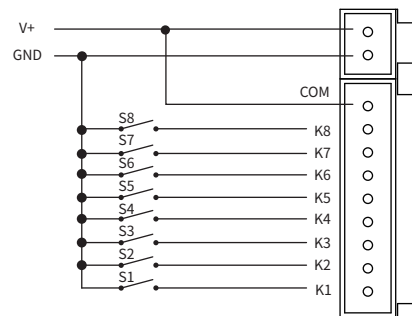
IO型

- Output clear and pleasant music sounds, embedded speakers, and update audio files through the type C USB interface
- The olspk product has a built-in 512MB sdcard and supports MP3 and wav format files
- Eight way optocoupler isolation input, common positive and negative, can control 255 segments of audio playback, input trigger signal to start playback, and disconnect trigger signal to stop playback
- Adjust the volume through the built-in volume knob. The maximum volume is 90dB

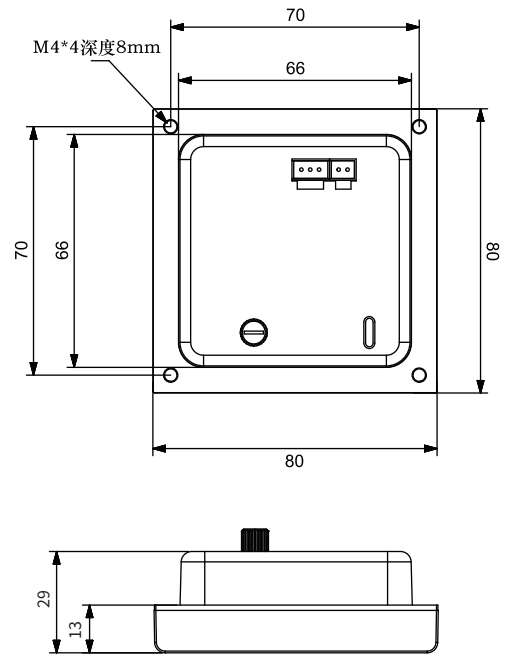
■ wiring diagram



NPN Wiring method



PNP Wiring method



SOLSPK Series Signal loudspeaker RS485 type

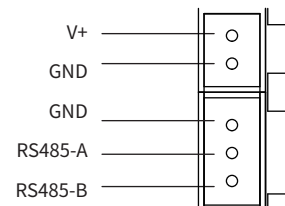
- Suitable for industrial RS485 communication, output clear and light 8~48Khz MP3 Audio and sound panel embedded signal speaker
- Set up to 255 IDs with a dedicated program
- Using RS485 communication, 255 audio sources can be selected and played
- Use USB C-TYPE data cable to save MP3 audio source
- Support 128Mbyte storage capacity (file format: FAT)
- Supports 4 communication speeds: 9600bps, 19200bps, 38400bps, 115200bps
- Material: ABS
- Sound volume: Max.90dB at 1m
- Ambient temperature: -25°C+50°C

Application:

It can be used for long-distance warning of AGV, battery equipment, robots, various noisy factory environments or large equipment.

Wiring Diagram

Note: Only the two devices at the end of the RS485 bus need to be connected to 120Ω terminal matching resistors!

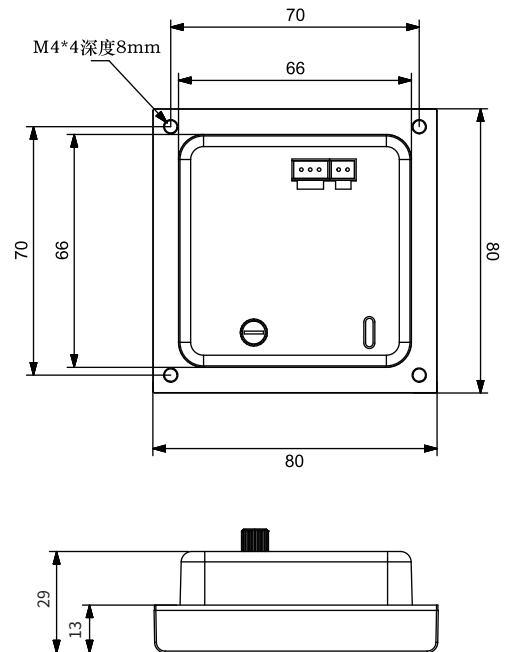


RS485 signal speaker wiring diagram

order eg.:

Wire Connecting

SOLSPK - RS485



SOLSPK Series Signal loudspeaker CAN type

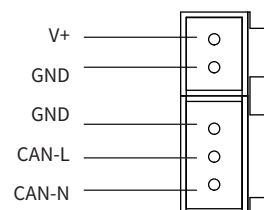
- Panel-mounted signal speaker for industrial CAN communication, outputting clear and light 8~48KHz MP3 Audio and tones
- 255 IDs can be set by special program
- Select and play 255 audio sources with CAN communication
- Use USB C-TYPE data cable to save MP3 audio source
- Supports 128Mbyte storage capacity (file format: FAT)
- Supports CAN communication standard version 2.0A/2.0B
- Supports 4 communication speeds: 125Kbps, 250Kbps, 500Kbps, 1Mbps

Application:

It can be used for long-distance warning of AGV, battery equipment, robots, various noisy factory environments or large equipment.

Wiring Diagram

Note: Only the two devices at the end of the CAN bus need to be connected to the 120 Ω terminal matching resistor!

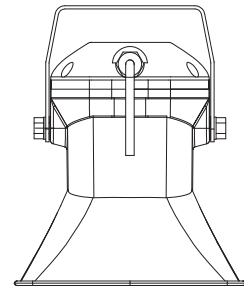
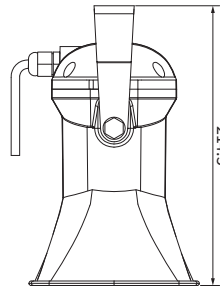
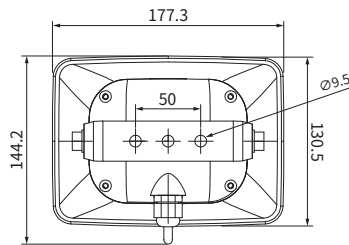


CAN signal speaker wiring diagram

order eg.:

Wire Connecting

SOLSPK - CAN



DOLSPK Series Signal loudspeaker

order eg.:

Wire Connecting

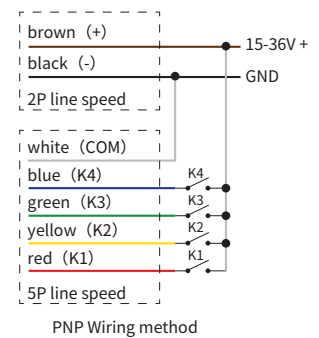
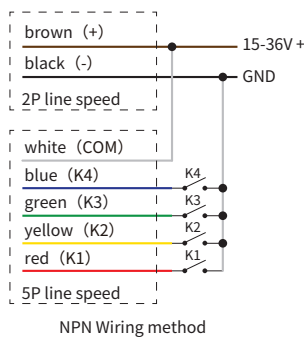
DOLSPK - IO
IO type

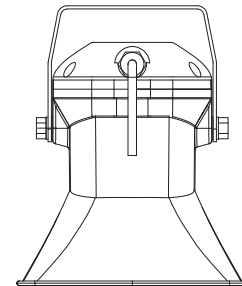
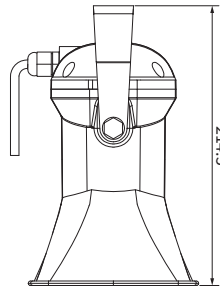
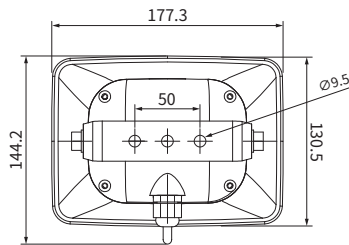
- IO type loud speaker for clear and dynamic music output
- Supports MP3 and WAV files
- Playback can be controlled with 15 audio segments, input trigger signal to start playback, disconnect trigger signal to stop playback
- Maximum volume: 100dB
- Operating voltage range: 15VDC~36VDC

Application:

It can be used for long-distance warning of battery equipment, robots, various noisy factory environments or large equipment.

Wiring diagram





DOLSPK Series Signal loudspeaker

- Suitable for industrial RS485 communication, output clear and light 8~48Khz MP3 Audio and sound panel embedded signal speaker
- Set up to 255 IDs with a dedicated program
- Using RS485 communication, 255 audio sources can be selected and played
- Use USB C-TYPE data cable to save MP3 audio source
- Support 128Mbyte storage capacity (file format: FAT)
- Supports 4 communication speeds: 9600bps, 19200bps, 38400bps, 115200bps
- Material: ABS
- Sound volume: Max.90dB at 1m
- Ambient temperature: -25°C+50°C

order eg.:

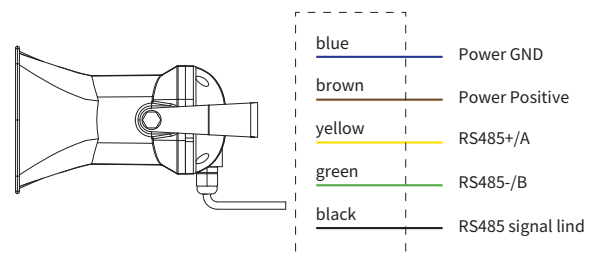
Wire Connecting

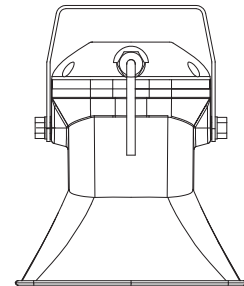
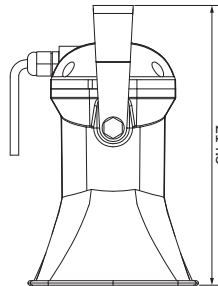
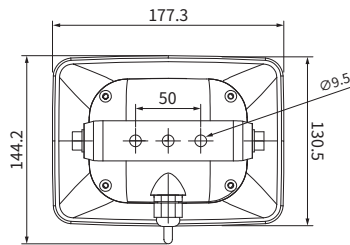
DOLSPK - RS485

RS485 type

Wiring diagram

Note: Only the two devices at the end of the RS485 bus need to be connected to 120Ω termination matching resistors!





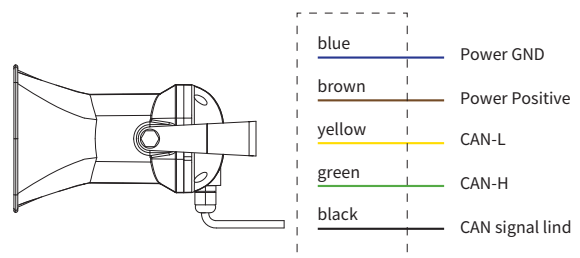
DOLSPK Series Signal loudspeaker

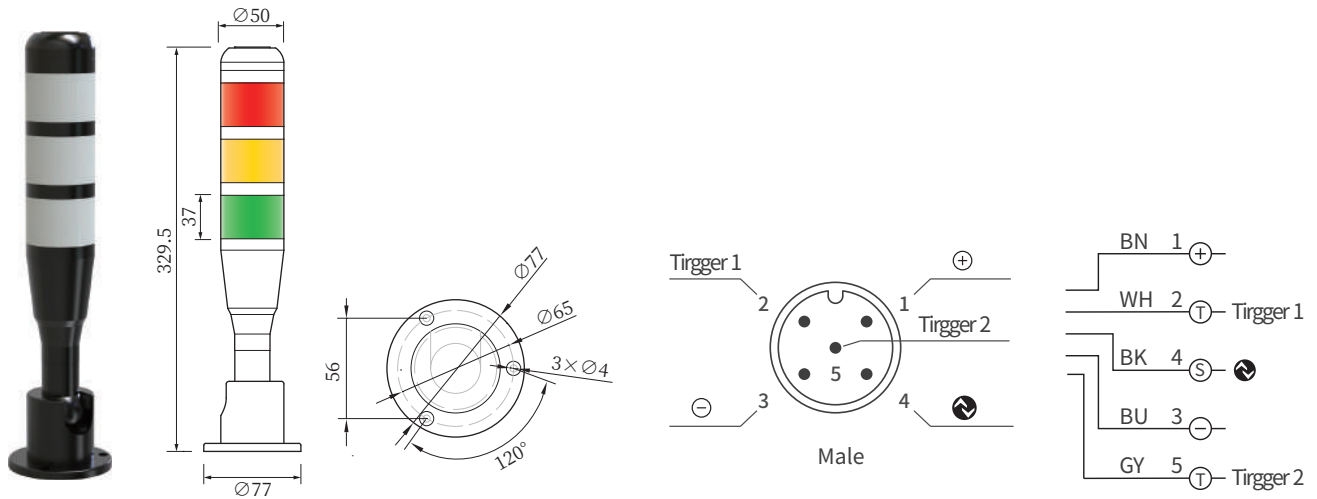
- Panel-mounted signal speaker for industrial CAN communication, outputting clear and light 8~48Khz MP3 Audio and tones
- 255 IDs can be set by special program
- Select and play 255 audio sources with CAN communication
- Use USB C-TYPE data cable to save MP3 audio source
- Supports 128Mbyte storage capacity (file format: FAT)
- Supports CAN communication standard version 2.0A/2.0B
- Supports 4 communication speeds: 125Kbps, 250Kbps, 500Kbps, 1Mbps

Wiring diagram

Note: Only the two devices at the end of the CAN bus need to be connected to 120Ω termination matching resistors!

order eg.:





OLG Series IO-Link Signal Light

order eg.:

Wire Connecting Function Layers

OLG - IO-LINK - B 3 A

└──────────┘ └──────────┘

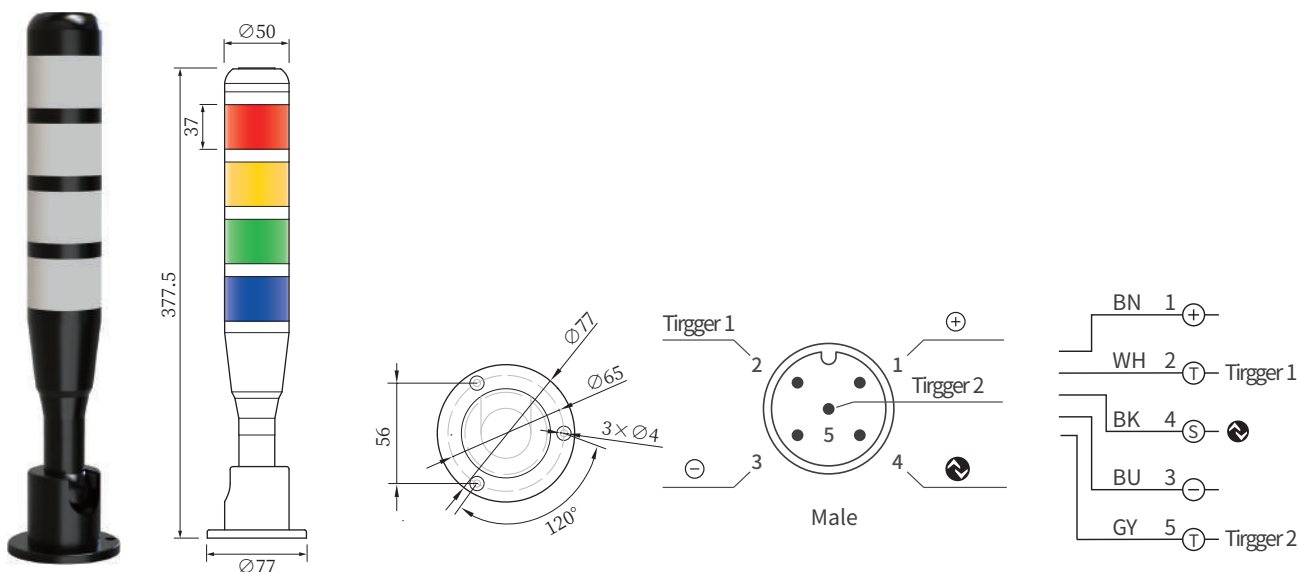
No type= no Buzzer 3 Layers

B = with Buzzer

Legende:
 >RT< = flashing red slowly
 >>RT<< = rapidly flashing red
 >BUZ< = Buzzer intermitlent (1Hz)
 >>BUZ<< = Buzzer intermitlent (2.5Hz)
 All Tngger inputs have a delay -50 ms.
 Pre-sets can be defined via IO-Link.

TRIG 1	TRIG 2	TRIG 3	Pre-Set	Factory setting (Seg 1/ Seg 2/ Seg 3/BUZ)	
				Var.3A	Var.B3A
0	0	0	1	-- --	-- --
1	0	0	2	-- -- RT	-- -- RT
0	1	0	3	GN --	GN --
1	1	0	4	-- YE --	-- YE --
0	0	1	5	BU --	BU --
1	0	1	6	WH --	WH --
0	1	1	7	-- -- >RT<	-- -- >RT< >BUZ<
1	1	1	8	-- -- >RT<	-- -- >RT< >>BUZ<<

BK: black
 BN: brown
 BU: blue
 GN: green
 GY: grey
 WH: white
 YE: yellow



OLG Series IO-Link Signal Light

order eg.:

Wire Connecting Function Layers

OLG - IO-LINK - B 4 A

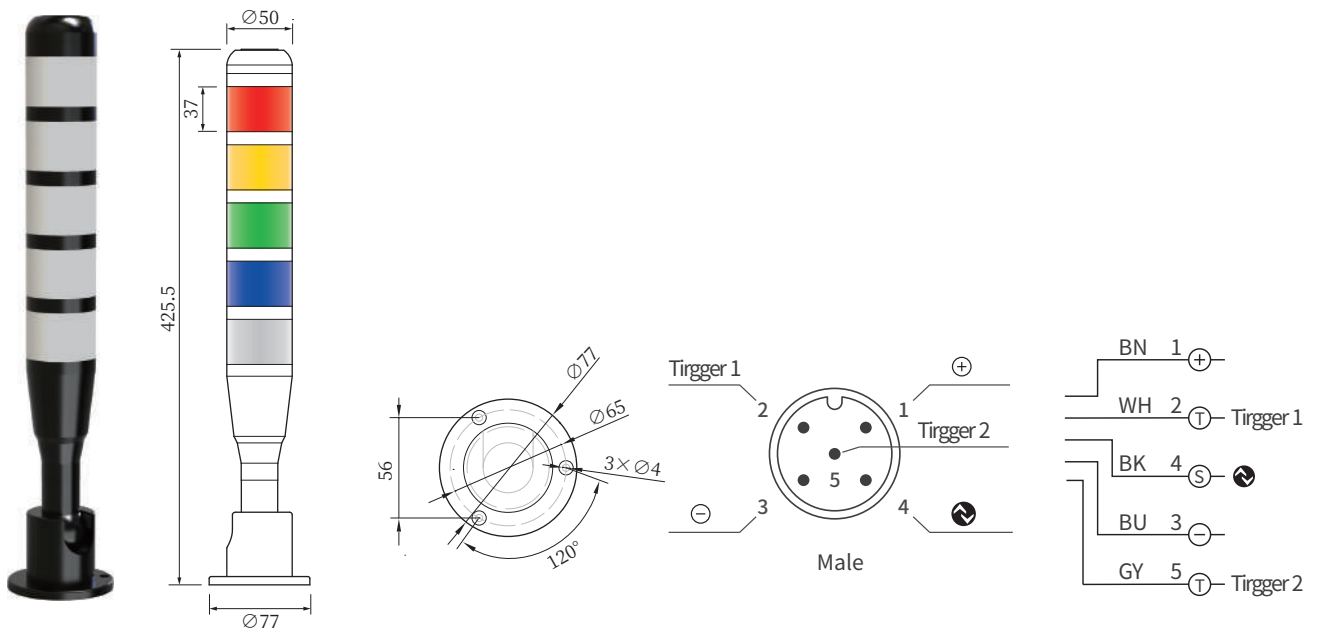
No type= no Buzzer
B = with Buzzer

4 Layers

Legende :
>RT< = flashing red slowly
>>RT<< = rapidly flashing red
>BUZ< = Buzzer intermitlent (1Hz)
>>BUZ<<= Buzzer intermitlent (2.5Hz)
All Tngger inputs have a delay -50 ms.
Pre-sets can be defined via IO-Link.

TRIG 1	TRIG 2	TRIG 3	Pre-Set	Factory setting (Seg 1/ Seg 2/ Seg 3/Seg 4/BUZ)	
				Var.4A	Var.B4A
0	0	0	1	-- -- -- --	-- -- -- --
1	0	0	2	-- -- -- RT	-- -- -- RT
0	1	0	3	-- GN -- --	GN -- --
1	1	0	4	-- -- YE --	-- YE --
0	0	1	5	BU -- -- --	BU -- -- --
1	0	1	6	WH -- -- --	WH -- -- --
0	1	1	7	-- -- -- >RT<	-- -- -- >RT< >BUZ<
1	1	1	8	-- -- -- >RT<	-- -- -- >RT<>>BUZ<<

BK: black
BN: brown
BU: blue
GN: green
GY: grey
WH: white
YE: yellow



OLG Series IO-Link Signal Light

order eg.:

Wire Connecting Function Layers

OLG - IO-LINK - B 5 A

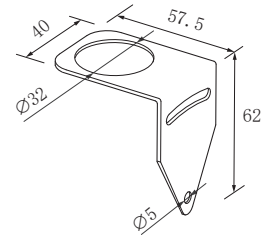
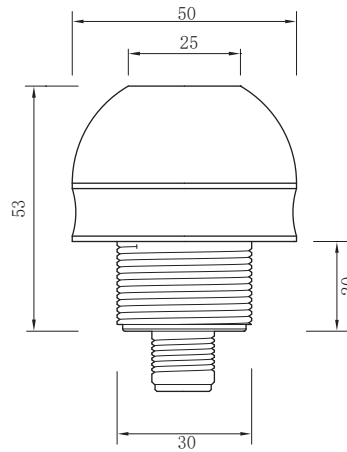
No type= no Buzzer
B = with Buzzer

5 Layers

Legende:
 >RT< = flashing red slowly
 >>RT<< = rapidly flashing red
 >BUZ< = Buzzer intermitlent (1Hz)
 >>BUZ<<= Buzzer intermitlent (2.5Hz)
 All Tngger inputs have a delay -50 ms.
 Pre-sets can be defined via 10-Link.

TRIG 1	TRIG 2	TRIG 3	Pre-Set	Factory setting (Seg 1/ Seg 2/ Seg 3/Seg 4/Seg 5/BUZ)			
				Var.5A		Var.B5A	
0	0	0	1	--	--	--	--
1	0	0	2	--	--	--	RT
0	1	0	3	--	GN	--	--
1	1	0	4	--	BU	YE	--
0	0	1	5	--	--	BU	--
1	0	1	6	WH	--	--	--
0	1	1	7	--	--	--	>RT< >BUZ<
1	1	1	8	--	--	--	>RT<>>BUZ<<

BK: black
 BN: brown
 BU: blue
 GN: green
 GY: grey
 WH: white
 YE: yellow



Mounting brackets

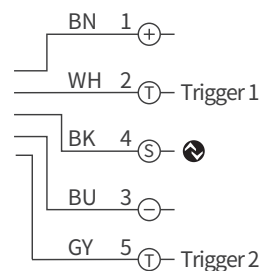
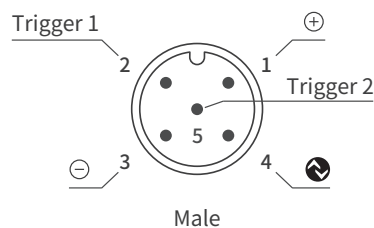
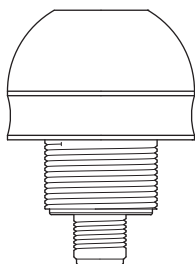


O50 IO-Link Series Signal Light

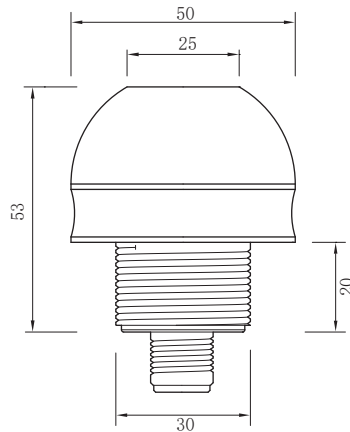
order eg.:

Wire Connecting

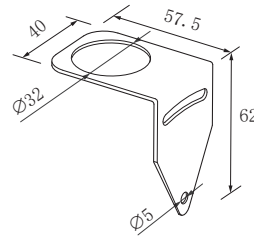
O50 - IO - Link - A



Pre-Sets / Factory settings		
Trigger 1	Trigger 2	Color
Lo	Lo	off
Hi	Lo	red
Lo	Hi	green
Hi	Hi	yellow



- Touch operation, easy to improve production efficiency
- High-quality LED light source, long service life, energy saving and environmental protection
- Easy to install, durable, fully sealed, protection class IP69K



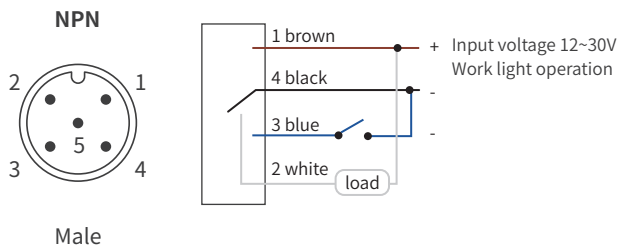
Mounting brackets



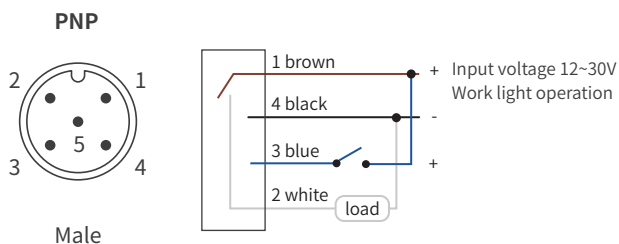
T50 Series Touch Signal Light

order eg.:

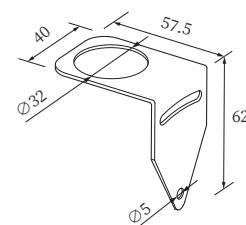
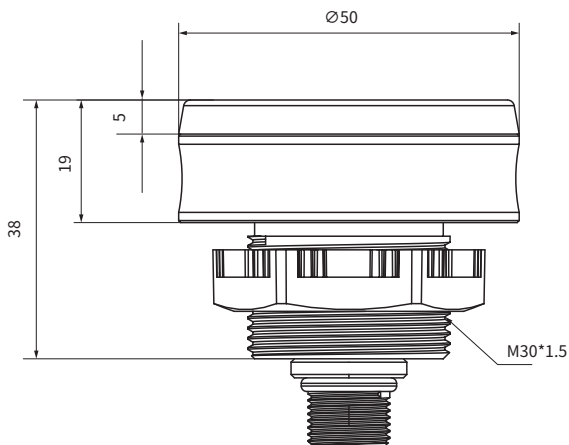
Layers	Rated voltage	Function	Wire Connecting	Signal Color
T 5 0 - 1	0 1	B	N	- R Y G
1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R=Red Y=Yellow G=Green



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(-)+4 black(-)	● GREEND	● YELLOW



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(+)+4 black(-)	● GREEND	● YELLOW



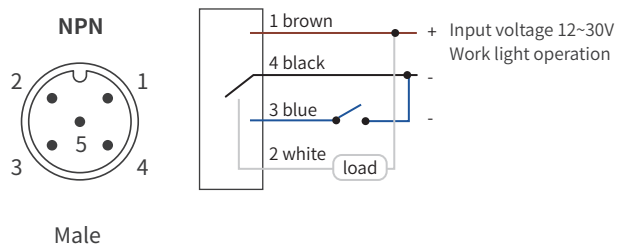
Universal bracket accessories



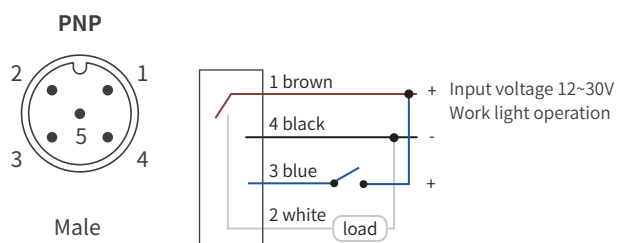
T51 Series Touch Signal Light

order eg.:

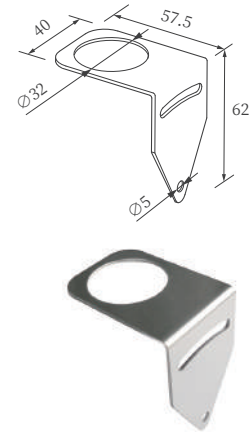
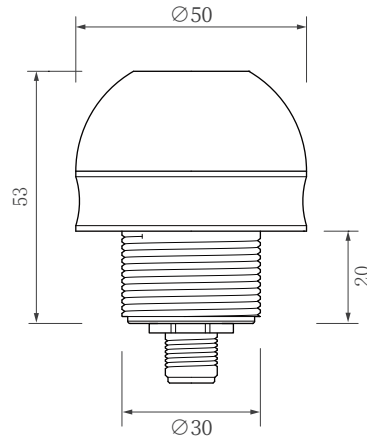
T 5 1 - 1 0 1 B N - R Y G
 Layers: 1 layer 3 colors
 Rated voltage: 01=DC 24V
 Function: B=Steady
 Wire Connecting: N=P/NPN, N=PNP
 Signal Color: R=Red, Y=Yellow, G=Green



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(-)+4 black(-)	● GREEND	● YELLOW



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(+)+4 black(-)	● GREEND	● YELLOW

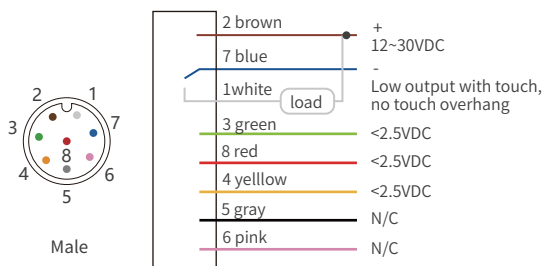
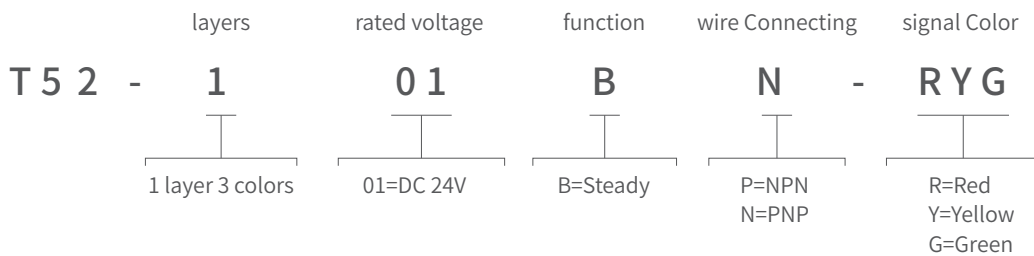


Universal bracket accessories



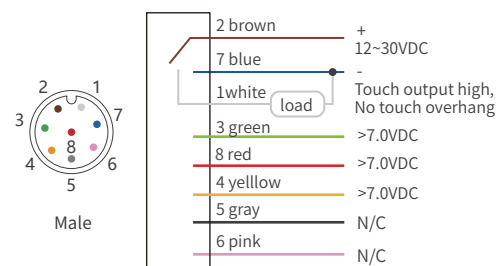
T52 Series Touch Signal Light

order eg.:



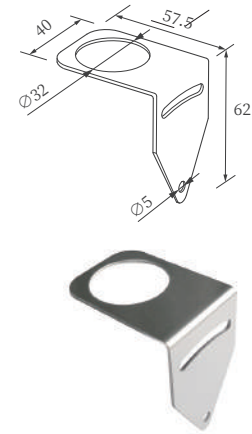
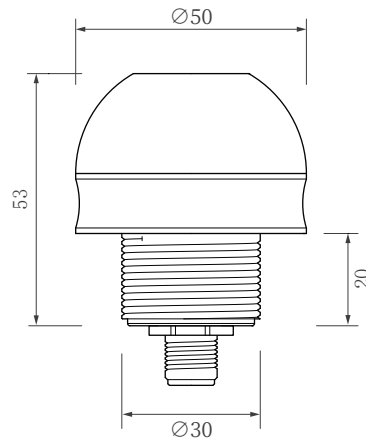
wiring	light color
3 green(+/-Open) + 8 red(+/-Open)+4 yellow(+/-Open)	NO
3 green(-) + 8 red(+/-Open)+4 yellow(+/-Open)	● GREEND
3 green(-) + 8 red(-)+4 yellow(+/-Open)	● RED
3 green(-) + 8 red(-)+4 yellow(-)	● YELLOW
3 green(+/-Open) + 8 red(-)+4 yellow(+/-Open)	● RED
3 green(+/-Open) + 8 red(-)+4 yellow(-)	● YELLOW
3 green(+/-Open) + 8 red(+/-Open)+4 yellow(-)	● YELLOW
3 green(-) + 8 red(+/-Open)+4 yellow(-)	● YELLOW

NPN Common Positive Wiring Method



wiring	light color
3 green(-/-Open) + 8 red(-/-Open)+4 yellow(-/-Open)	NO
3 green(+) + 8 red(-/-Open)+4 yellow(-/-Open)	● GREEND
3 green(+) + 8 red(+)+4 yellow(-/-Open)	● RED
3 green(+) + 8 red(+)+4 yellow(+)	● YELLOW
3 green(-/-Open) + 8 red(+)+4 yellow(-/-Open)	● RED
3 green(-/-Open) + 8 red(+)+4 yellow(+)	● YELLOW
3 green(-/-Open) + 8 red(-/-Open)+4 yellow(+)	● YELLOW
3 green(+) + 8 red(-/-Open)+4 yellow(+)	● YELLOW

PNP Common Negative Wiring Method



Universal bracket accessories



T53 Series Touch Signal Light

order eg.:

T 5 3 - 1 0 1 B N - 7colors

layers rated voltage function wire Connecting signal Color

1 layer 7 colors 01=DC 24V B=Steady P=NPN
N=PNP

R=Red
Y=Yellow
G=Green
B=Blue
C=Cyan
P=Purple
W=White

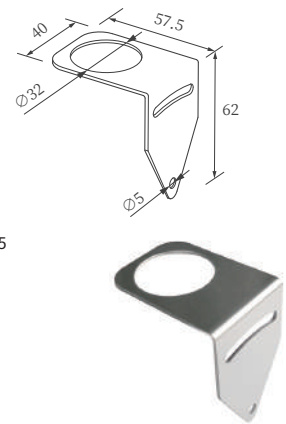


wiring	light color
1White(+/-Open) + 4 Yellow(+/-Open)+ 5 Gray(+/-Open)	NO
1White(-) + 4 Yellow(+/-Open)+5 Gray(+/-Open)	Red LED
1White(+/-Open) + 4 Yellow(-)+5 Gray(+/-Open)	Green LED
1White(+/-Open) + 4 Yellow(+/-Open)+5 Gray(-)	Blue LED
1White(-) + 4 Yellow(-)+5 Gray(+/-Open)	Yellow LED
1White(+/-Open) + 4 Yellow(-)+5 Gray(-)	Cyan LED
1White(-) + 4 Yellow(+/-Open)+5 Gray(-)	Purple LED
1White(-) + 4 Yellow(-)+5 Gray(-)	White LED

NPNCommon Positive Wiring Method

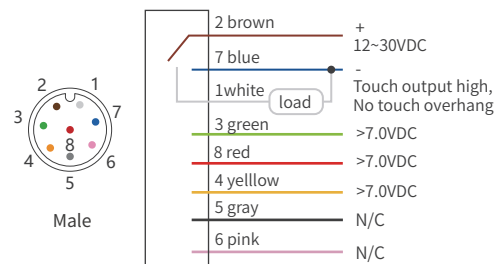
wiring	light color
1White(-/Open) + 4 Yellow(-/Open)+5 Gray(-/Open)	NO
1White(+) + 4 Yellow(-/Open)+5 Gray(-/Open)	Red LED
1White(-/Open) + 4 Yellow(+)+5 Gray(-/Open)	Green LED
1White(-/Open) + 4 Yellow(-/Open)+5 Gray(+)	Blue LED
1White(+) + 4 Yellow(+)+5 Gray(-/Open)	Yellow LED
1White(-/Open) + 4 Yellow(+)+5 Gray(+)	Cyan LED
1White(+) + 4 Yellow(-/Open)+5 Gray(+)	Purple LED
1White(+) + 4 Yellow(+)+5 Gray(+)	White LED

PNP Common Negative Wiring Method



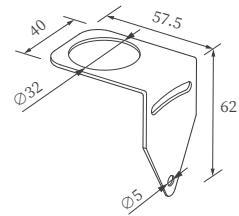
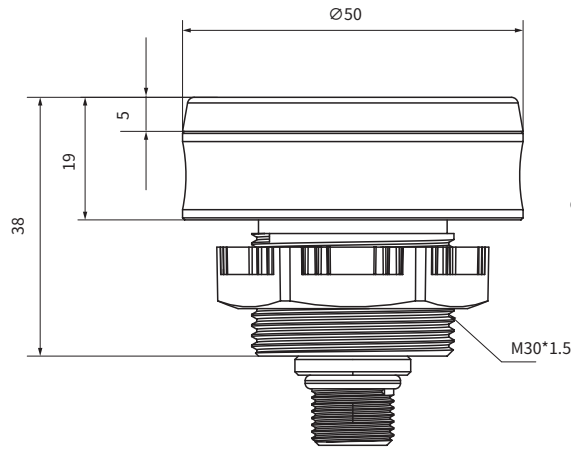
order eg.:

layers	rated voltage	function	wire Connecting	signal Color
- 1	0 1	B	N	- R Y G
1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R=Red Y=Yellow G=Green



wiring	light color
3 green(-/Open) + 8 red(-/Open)+4 yellow(-/Open)	NO
3 green(+) + 8 red(-/Open)+4 yellow(-/Open)	● GREEND
3 green(+) + 8 red(+)+4 yellow(-/Open)	● RED
3 green(+) + 8 red(+)+4 yellow(+)	● YELLOW
3 green(-/Open) + 8 red(+)+4 yellow(-/Open)	● RED
3 green(-/Open) + 8 red(+)+4 yellow(+)	● YELLOW
3 green(-/Open) + 8 red(-/Open)+4 yellow(+)	● YELLOW
3 green(+) + 8 red(-/Open)+4 yellow(+)	● YELLOW

PNP Common Negative Wiring Method



Universal bracket accessories



T55 Series Touch Signal Light

order eg.:

T 5 5 - 1 0 1 B N - 7colors

layers rated voltage function wire Connecting signal Color

1 layer 7 colors 01=DC 24V B=Steady P=NPN
N=PNP

R=Red
Y=Yellow
G=Green
B=Blue
C=Cyan
P=Purple
W=White

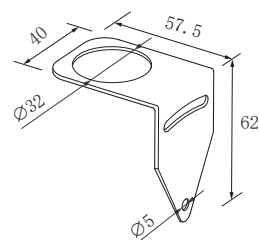
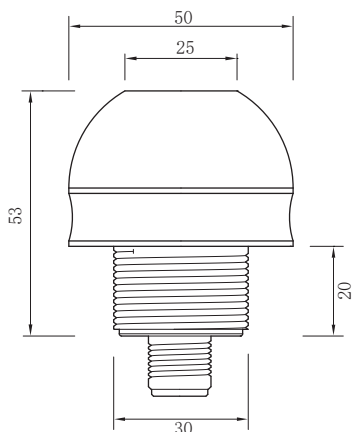


wiring	light color
1White(+/-Open) + 4 Yellow(+/-Open)+ 5 Gray(+/-Open)	NO
1White(-) + 4 Yellow(+/-Open)+5 Gray(+/-Open)	Red LED
1White(+/-Open) + 4 Yellow(-)+5 Gray(+/-Open)	Green LED
1White(+/-Open) + 4 Yellow(+/-Open)+5 Gray(-)	Blue LED
1White(-) + 4 Yellow(-)+5 Gray(+/-Open)	Yellow LED
1White(+/-Open) + 4 Yellow(-)+5 Gray(-)	Cyan LED
1White(-) + 4 Yellow(+/-Open)+5 Gray(-)	Purple LED
1White(-) + 4 Yellow(-)+5 Gray(-)	White LED

NPNCommon Positive Wiring Method

wiring	light color
1White(-/Open) + 4 Yellow(-/Open)+5 Gray(-/Open)	NO
1White(+) + 4 Yellow(-/Open)+5 Gray(-/Open)	Red LED
1White(-/Open) + 4 Yellow(+)+5 Gray(-/Open)	Green LED
1White(-/Open) + 4 Yellow(-/Open)+5 Gray(+)	Blue LED
1White(+) + 4 Yellow(+)+5 Gray(-/Open)	Yellow LED
1White(-/Open) + 4 Yellow(+)+5 Gray(+)	Cyan LED
1White(+) + 4 Yellow(-/Open)+5 Gray(+)	Purple LED
1White(+) + 4 Yellow(+)+5 Gray(+)	White LED

PNP Common Negative Wiring Method



Mounting brackets



T56 Series Touch Signal Light

order eg.:

T 5 6 - 1 0 1 B N - R Y G

Layers

1 layer 3 colors

Rated voltage

01=DC 24V

Function

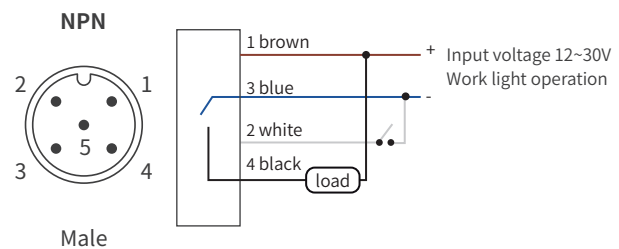
B=Steady

Wire Connecting

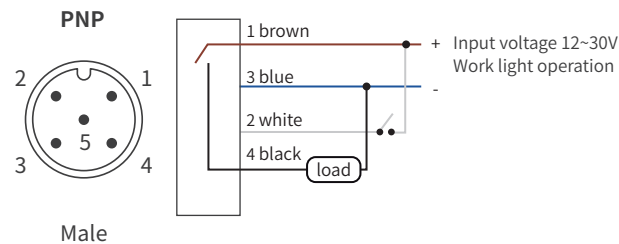
P=NPN
N=PNP

Signal Color

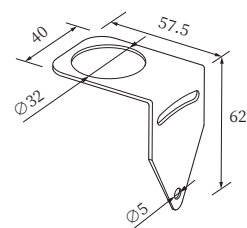
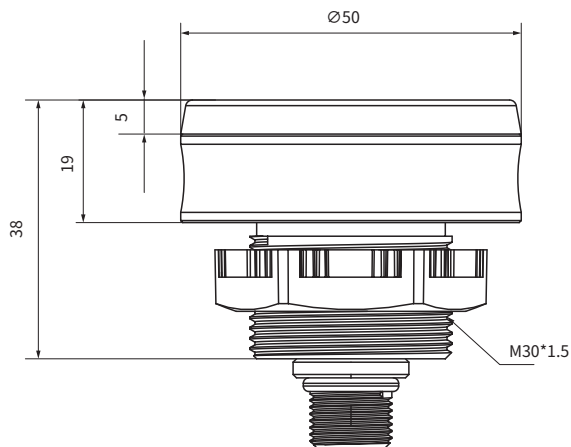
R=Red
Y=Yellow
G=Green



wiring	Before touch	Touch
1 brown(+) + 3 blue(-)	not	● RED
1 brown(+) + 3 blue(-)+2 white(-)	● GREEND	● YELLOW



wiring	Before touch	Touch
1 brown(+) + 3 blue(-)	not	● RED
1 brown(+) + 3 blue(-)+2 white(+)	● GREEND	● YELLOW



Universal bracket accessories



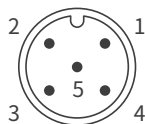
T57 Series Touch Signal Light

order eg.:

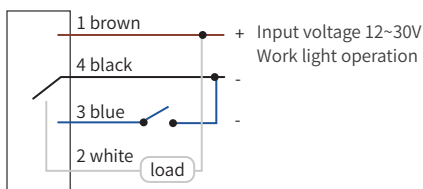
T 5 7 - 1 0 1 B N - R Y G

Layers: 1 layer 3 colors
Rated voltage: 01=DC 24V
Function: B=Steady
Wire Connecting: P=NPN, N=PNP
Signal Color: R=Red, Y=Yellow, G=Green

NPN

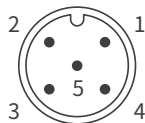


Male

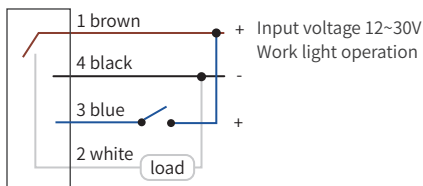


wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	RED
1 brown(+) + 3 blue(-)+4 black(-)	YELLOW	GREEN

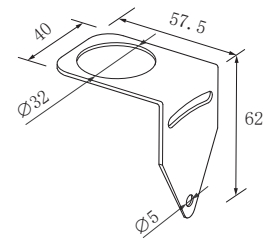
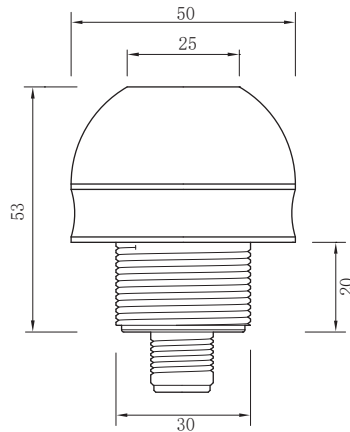
PNP



Male



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	RED
1 brown(+) + 3 blue(+)+4 black(-)	YELLOW	GREEN



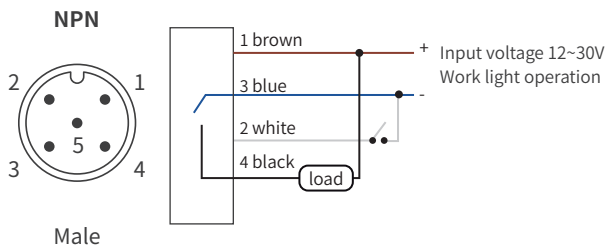
Mounting brackets



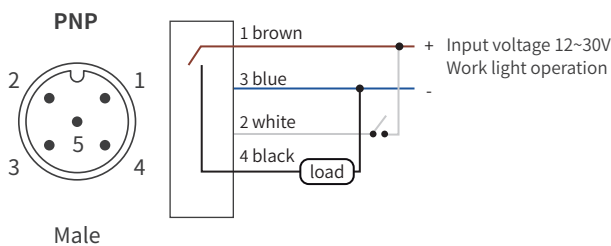
T58 Series Touch Signal Light

order eg.:

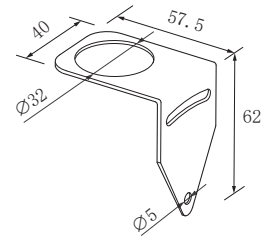
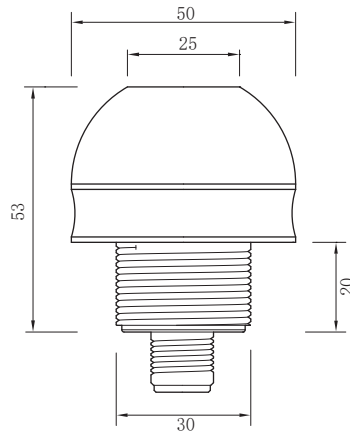
Layers	Rated voltage	Function	Wire Connecting	Signal Color
T 5 8 - 1	0 1	B	N	- R Y
1 layer 2 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R=Red Y=Yellow



wiring	Before touch	Touch
1 brown(+) + 3 blue(-)	not	● RED
1 brown(+) + 3 blue(-)+2 white(-)	● YELLOW	not



wiring	Before touch	Touch
1 brown(+) + 3 blue(-)	not	● RED
1 brown(+) + 3 blue(-)+2 white(+)	● YELLOW	not



Mounting brackets

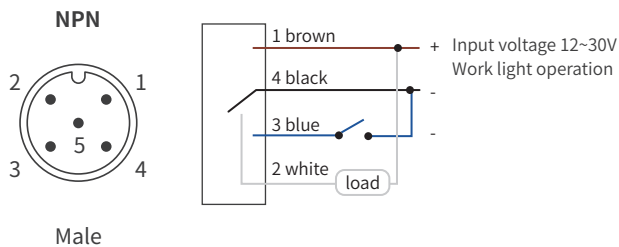


T59 Series Touch Signal Light

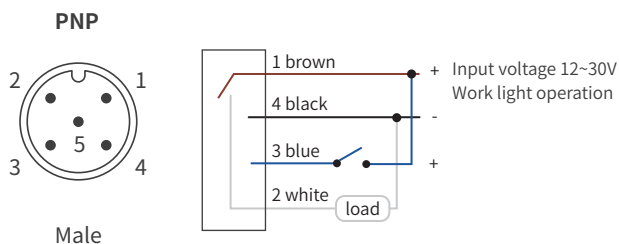
order eg.:

T 5 9 - 1 0 1 B N - R G

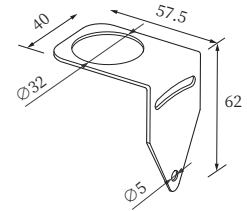
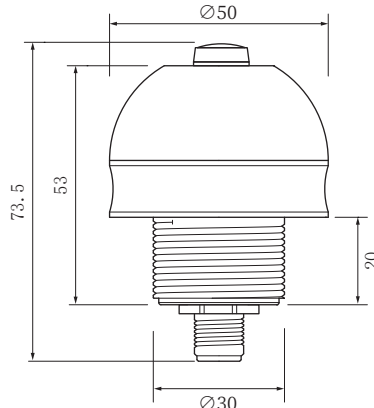
Layers: 1 layer 2 colors
Rated voltage: 01=DC 24V
Function: B=Steady
Wire Connecting: P=NPN, N=PNP
Signal Color: R=Red, G=Green



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(-)+4 black(-)	● GREEND	not



wiring	Before touch	Touch
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(+)+4 black(-)	● GREEND	not



Mounting brackets

- Push button design, easy to improve production efficiency
- Stainless steel button, high quality LED light source, long service life, energy saving and environmental protection
- IP67 protection grade, durable and easy to install

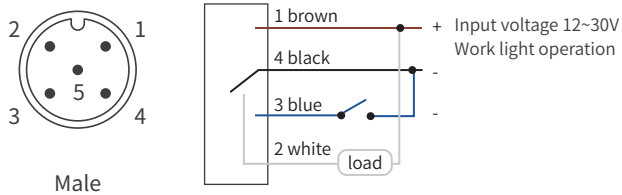


B50 Series Push Button Signal Light

order eg.:

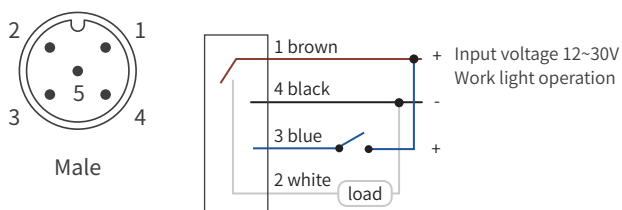
Layers	Rated voltage	Function	Wire Connecting	Signal Color
B 5 0 - 1	0 1	B	N	- R Y G
1 layer 3 colors	01=DC 24V	B=Steady	P=NPN N=PNP	R=Red Y=Yellow G=Green

NPN

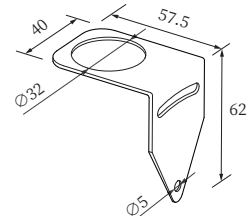
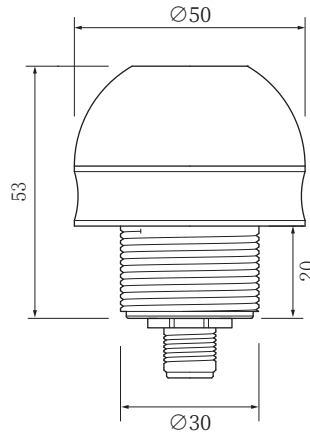


wiring	Before pressing	After pressing
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(-)+4 black(-)	● GREEN	● YELLOW

PNP



wiring	Before pressing	After pressing
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(+)+4 black(-)	● GREEN	● YELLOW



Mounting brackets



I50 Series Infrared Signal Light

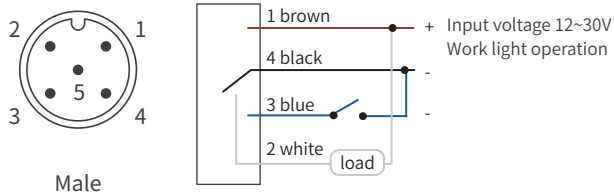
order eg.:

I 5 0 - 1 0 1 B N - R Y G

Layers Rated voltage Function Wire Connecting Signal Color

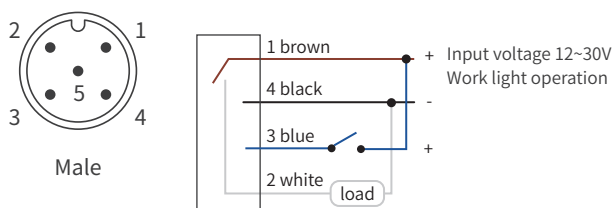
1 layer 3 colors 01=DC 24V B=Steady P=NPN
N=PNP R=Red
Y=Yellow
G=Green

NPN



wiring	Before induction	After induction
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(-)+4 black(-)	● GREEN	● YELLOW

PNP

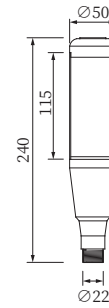


wiring	Before induction	After induction
1 brown(+) + 4 black(-)	not	● RED
1 brown(+) + 3 blue(+)+4 black(-)	● GREEN	● YELLOW

OBS1



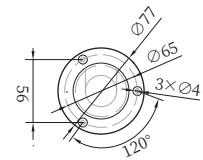
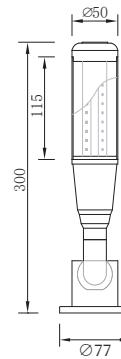
OBS2



OSC1



OSC2



USB Series LED Multi-Functional Signal Light

- Combining high-end communication technology to build products suitable for intelligent factories
- No additional power supply is required, only USB cable is connected, and LED indicator controlled by computer application program is used
- The light source with high identification ability is used, which is bright and eye-catching, and has a long range of visibility
- High quality aluminum, heat resistant and impact resistant, easy to install

Workplace:

Supported operating systems (32-bit/64 bit): Windows XP, Win 7, Win 10

Supporting libraries: VC++, VB, Delphi (only 32 bits), C # (only 64 bits)

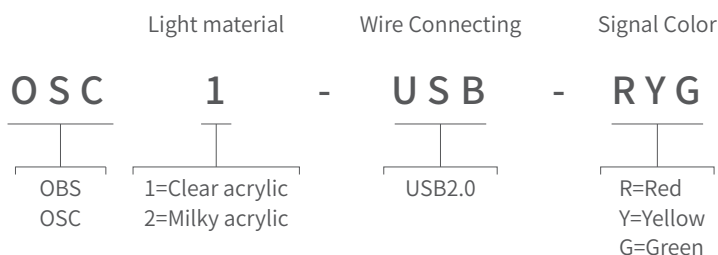
USB communication cable VCC, D -, D+, GND, Shield
Support USB 1.1 interface or above, which can be used in host environment

Two ports can be used with computer USB 2.0 interface power supply DC5V/500mA

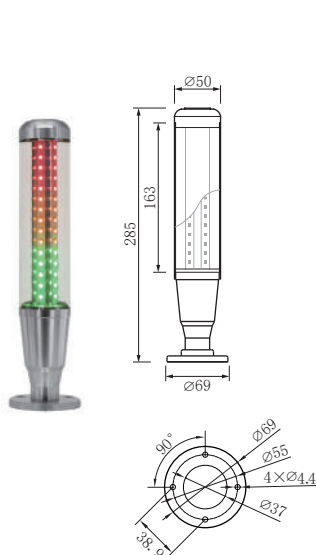
Driver download link:

<http://www.ftdichip.com/Documents/InstallGuides.htm>

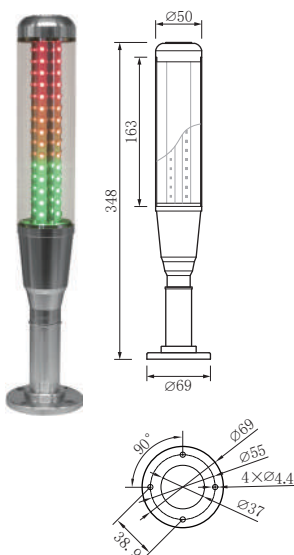
order eg.:



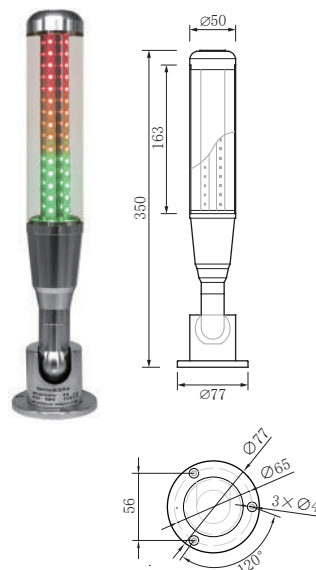
OMI



OMJ



OMC



OM USB Series LED Multi-Functional Signal Light

- Combining high-end communication technology to build products suitable for intelligent factories
- No additional power supply is required, only USB cable is connected, and LED indicator controlled by computer application program is used
- The light source with high identification ability is used, which is bright and eye-catching, and has a long range of visibility
- High quality aluminum, heat resistant and impact resistant, easy to install

Applications:

Supported operating systems (32-bit/64 bit): Windows XP, Win 7, Win 10

Supporting libraries: VC++, VB, Delphi (only 32 bits), C # (only 64 bits)

USB communication cable VCC, D -, D+, GND, Shield

Support USB 1.1 interface or above, which can be used in host environment

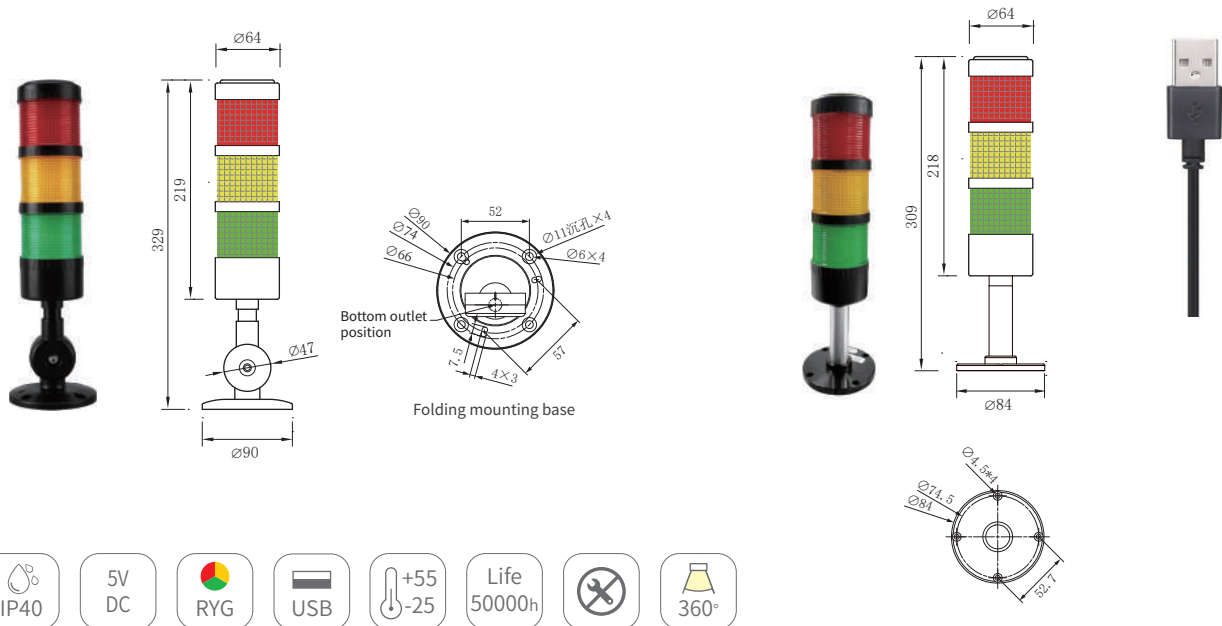
Two ports can be used with computer USB 2.0 interface power supply DC5V/500mA

Driver download link:

<http://www.ftdichip.com/Documents/InstallGuides.htm>

order eg.:

Installation	Light material	Layers	Wire Connecting	Signal Color
OM C	1	301	USB -	RYG
I=Straight J=Straight lengthen C=Foldable	1=Clear acrylic	3 Layers	USB 2.0	R=Red Y=Yellow G=Green



MSL USB Series LED Multi-Functional Signal Light

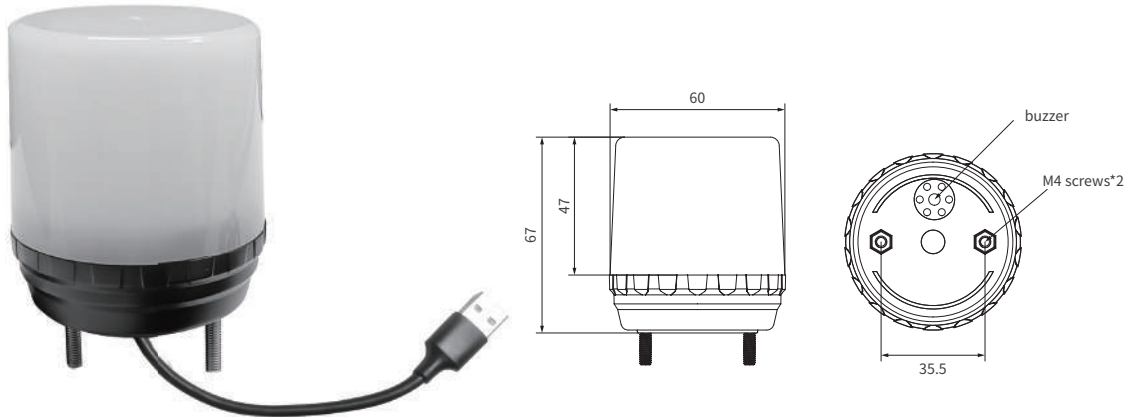
- Combining high-end communication technology to build products suitable for intelligent factories
- No additional power supply is required, only USB cable is connected, and LED indicator controlled by computer application program is used
- The light source with high identification ability is used, which is bright and eye-catching, and has a long range of visibility
- High quality aluminum, heat resistant and impact resistant, easy to install

Applications:

Supported operating systems (32-bit/64 bit): Windows XP, Win 7, Win 10
 Supporting libraries: VC++, VB, Delphi (only 32 bits), C # (only 64 bits)
 USB communication cable VCC, D -, D+, GND, Shield
 Support USB 1.1 interface or above, which can be used in host environment
 Two ports can be used with computer USB 2.0 interface power supply DC5V/500mA
 Driver download link:
<http://www.ftdichip.com/Documents/InstallGuides.htm>

order eg.:

Installation	Layers	Wire Connecting	Signal Color
MSL 1 - 301	USB - RYG		
1=Folding 2=Straight	3 Layers	USB 2.0	R=Red Y=Yellow G=Green

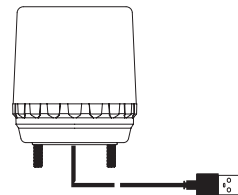


OS60 USB Series LED Multi-Functional Signal Light

- Supported operating systems (32-bit/64 bit): Windows XP, Win 7, Win 10.
- Supporting libraries: VC++, VB, Delphi (only 32 bits), C # (only 64 bits).
- USB communication cable VCC, D -, D+, GND, Shield.
- Support USB 1.1 interface or above, which can be used in host environment.
- Two ports can be used with computer USB 2.0 interface power suppl DC5V/500mA
- Driver download link:
<http://www.ftdichip.com/Documents/InstallGuides.htm>

Application:

Apply to terminal equipment: such as displaying the status of self-service cash registers; assembled in the equipment, displaying the status of printer, computerized control equipment, etc.; connected to computer, to alert the linkage software of and connecting to computer to issue alarms for abnormalities in the linkage software, etc.



order eg.:

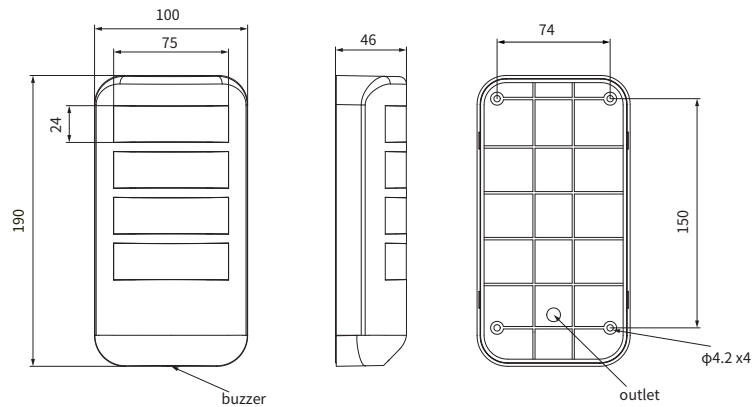
wire Connecting signal Color

OS60 - USB - 7 colours

USB2.0

R=Red
Y=Yellow
G=Green
B=Blue
C=Cyan
P=Purple
W=White

Send command (on)	Signal Colour	Send command (off)
7E AA 01 01 EF	Red	7E AA 01 00 EF
7E AA 02 01 EF	Green	7E AA 02 00 EF
7E AA 03 01 EF	Blue	7E AA 03 00 EF
7E AA 04 01 EF	Yellow	7E AA 04 00 EF
7E AA 05 01 EF	Cyan	7E AA 05 00 EF
7E AA 06 01 EF	Purple	7E AA 06 00 EF
7E AA 00 01 EF	White	7E AA 00 00 EF
7E BB 00 01 EF	Buzzer	7E BB 00 00 EF

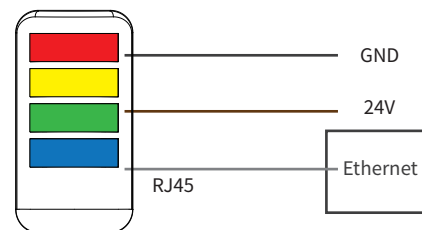


OLSY Series Ethernet Multi-Functional Signal Light

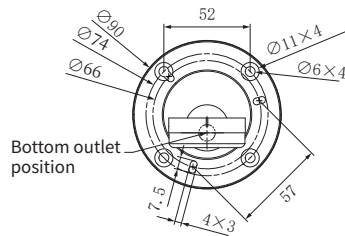
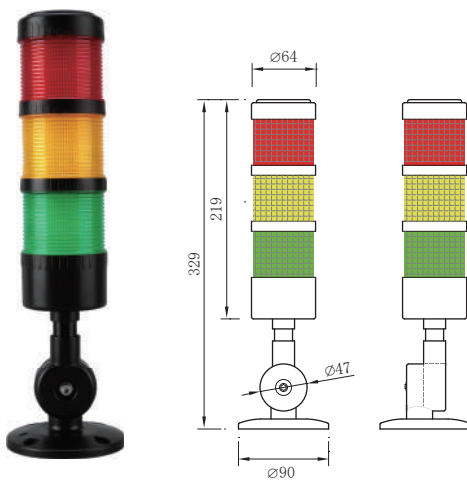
- Multiple color combination scheme, four layers, each layer has seven colors (red, green, blue, yellow, cyan, purple, white) to choose from;
- Light brightness adjustable, constant light, fast flash, slow flash, running light four modes can be selected;
- Beep tone size adjustable, long beep, slow intermittent tone, fast intermittent tone optional;
- High vibration resistance and unnecessary bulb replacement make it maintenance free;
- Wall mounting, space saving.
- Operating voltage range: 12VDC~30VDC
Rated current: 350mA (LED fully illuminated, buzzer on state)
- Power-on initialization time: 1s
- LED light color: 24 bit true color
Control mode: simple application protocol based on TCP/IP, MODBUS protocol based on TCP/IP
- Communication settings:
Server IP address: 192.168.1.10
Simple application port: 1000
MODBUS port: 502
- Use of environmental temperature: -25 °C ~ +50 °C
- Protection class: IP23

order eg.:

OLSY - 1



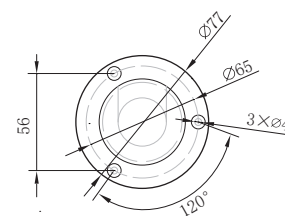
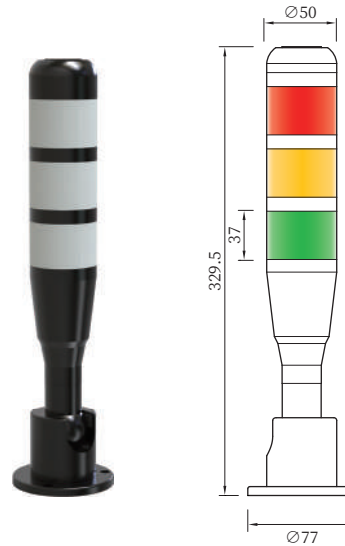
MSL1-301BN-RYG-RS485



Folding mounting base



OLE2-301BN-RYG-RS485



Wiring instructions:
Red: Power supply + (DC24V)
Black: Power supply-
Yellow: 485_A+
Green: 485_B-

RS485 Series LED Multi-Functional Signal Light

- High-efficiency LED multi-function signal light greatly improves the long-distance visual performance
- The double-mirror structure strengthens the propagation of LED light and produces a vivid color recognition effect

Application:

All kinds of small automation equipment, packaging cleaning equipment, small processing machine tools, medium-sized CNC machine tools, processing centers, plastic packaging machinery, printing machinery, laboratories, precision testing equipment, small robotic arms, conveyor belts, heavy machinery, etc. require eye-catching alarm instructions Place.

Communication format:

Support asynchronous serial port communication mode, accept commands sent by the host computer through the serial port.

Communication standard (baud rate) :9600 bps

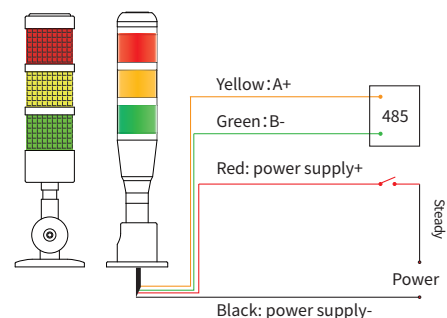
Data bits :8

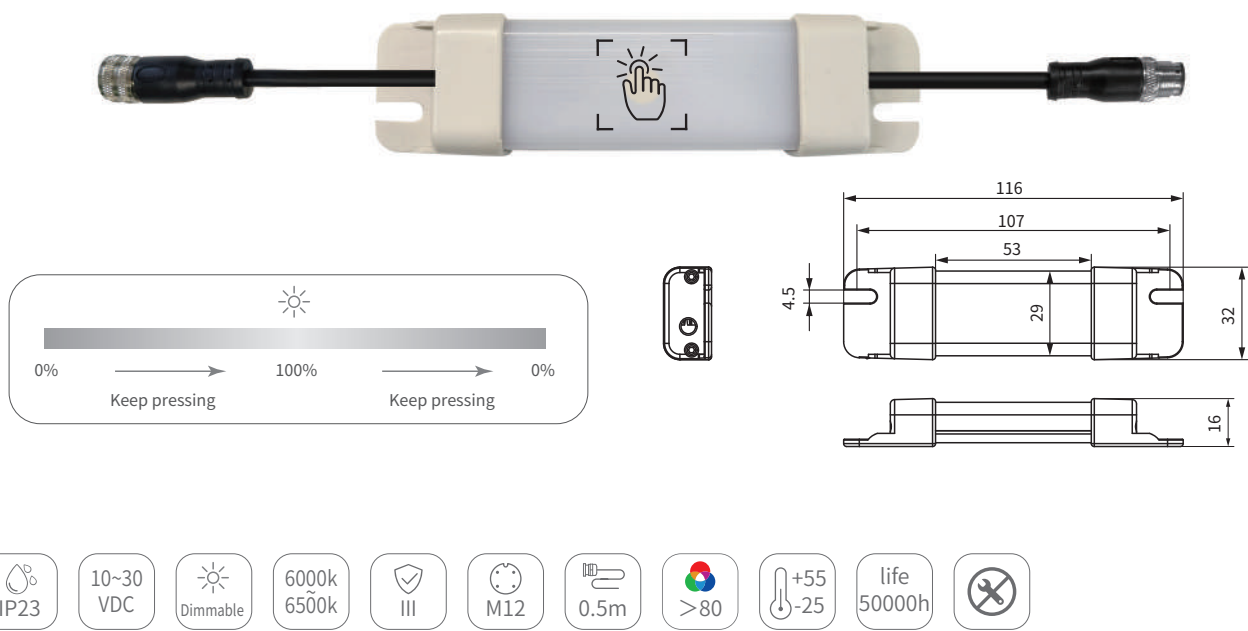
Stop bit :1

Check Digit :none

Flow control :none

Wiring diagram:

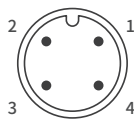




TLS Series Touch Switch Dimmer Controller

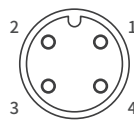
- Touch operation, long press dimming, easy to improve productivity;
- High-quality LED light source, long service life, energy saving and environmental protection;
- Easy to install, durable;
- Maximum output current is up to 4A.

Male-Input

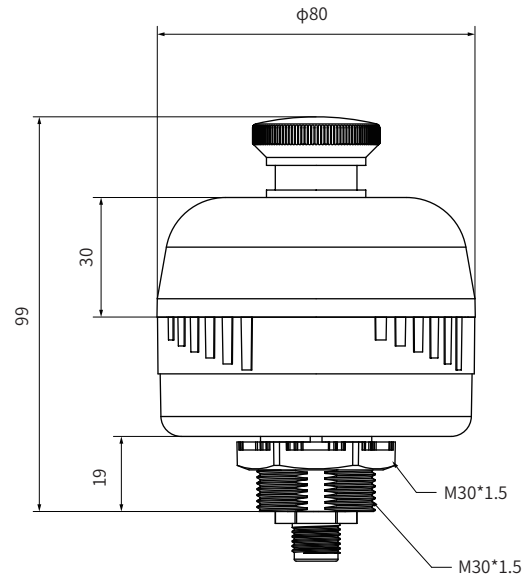


Ports	Wiring
pin 1 brown	10~30DC
pin 2 white	not connected
pin 3 blue	negative pole
pin 4 black	not connected

Female-Output



Ports	Wiring		
	On/Off (L-2 type)	Two-line (type P2)	3-wire (P1 type)
pin 1 brown	10~30V DC	Wide pulse modulation (PWM) outputs	10~30V DC
pin 2 white	not connected	not connected	not connected
pin 3 blue	negative pole	negative pole	negative pole
pin 4 black	not connected	not connected	Wide pulse modulation (PWM) outputs



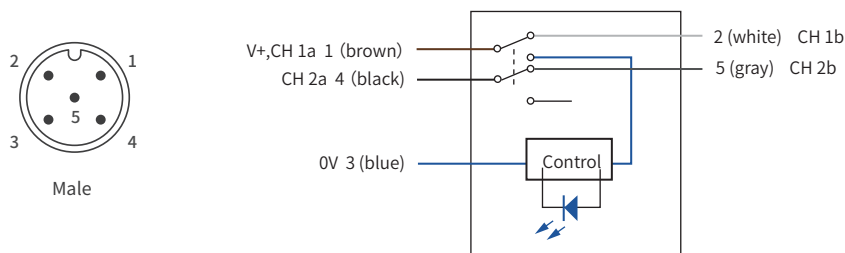
OET Series Emergency Stop Button

- Rugged design; easy installation with no assembly or individual wiring required;
- Push-to-stop, twist-to-release, or pull-to-release;
- Latching design, direct (positive) opening operation;
- FDA-grade silicone cover withstands high-pressure and high-temperature ; washdowns and increases product protection to IP67.

order eg.:

OET - 1

■ wiring diagram



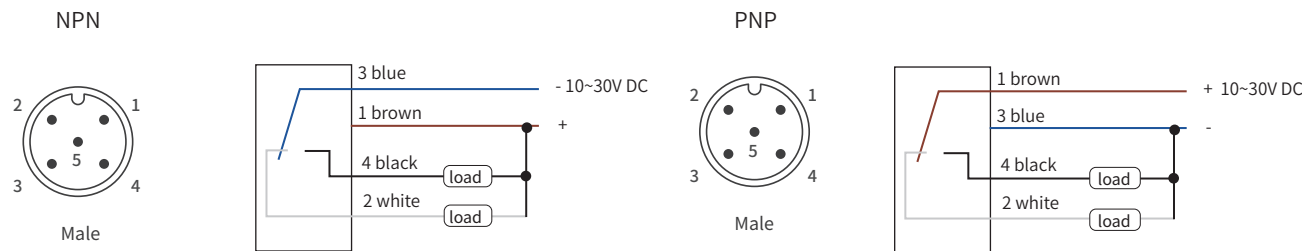
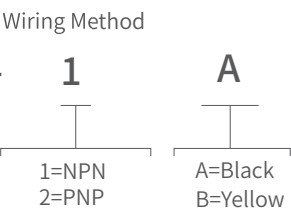
10V DC to 30V DC	push a button	Independent contacts CH2a and CH2b disconnected, weak contacts CH1a and CH1b disconnected	Red light flashing
	Twist the button clockwise	Independent contacts CH2a and CH2b closed, weak contacts CH1a and CH1b closed	CH1b Output positive voltage Red light out.



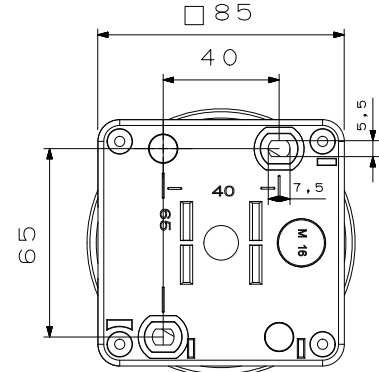
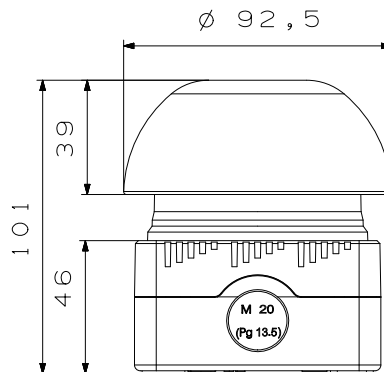
OTP Series Optical Touch Button

- Zero-force touch-activated photoelectric replacements for mechanical push buttons
- Momentary-action touch buttons with SPDT electromechanical relay or solid-state outputs
- Optimized threaded base for easy installation
- Ergonomic design eliminates hand, wrist and arm stress
- Pre-installed field covers protect the device and prevent inadvertent activation

order eg.:



10V DC to 30V DC	Complementary NPN (sinking) outputs	6-foot attached cable
		4-pin 7/8 in. 16UNF quick-disconnect
	Complementary PNP (sourcing) outputs	6-foot attached cable
		4-pin 7/8 in. 16UNF quick-disconnect



MT Series Hand-press & Foot-pedal Button

- Robust design; easy installation for working time saving;
- Lifting reset self-locking type, reduces the probability of misoperation.;
- Detachable structure, suitable for harsh environments such as dirt and moisture;
- Mounting Method: 3 x M20 (PG 13.5) on the side, 1 x M16 in the base;

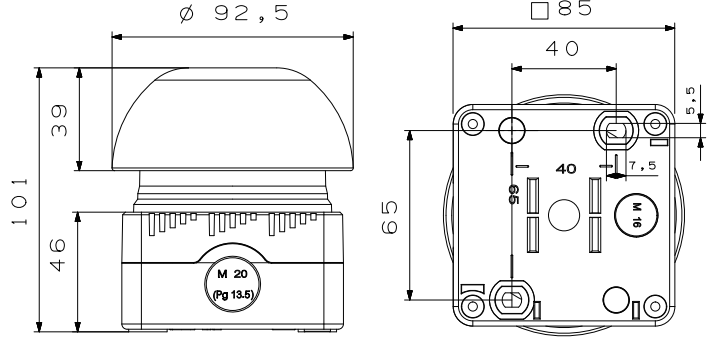
order eg.:

function
MT - 01
01=Pull-to-Reset Type
02=Self-Resetting Type

Operation Type	Pull-to-reset self-locking type
Operation Frequency	≤600 time/H
Operating Force	40~60N
Contact Type	NO/NC
Contact Material	silver alloy
Switch Capacity	Ith:10A Ui:500V; AC-15 Ue:230vle:4A ; DC-13 Ue:24V le:1Aor 10A250VAC/30VDC
Contact Resistance	<100mΩ Default Value
Protection Level	IP65
Interface	3*M20 Side , 1*M16 Bottom
Dielectric Withstand Voltage (DWV)	Between live parts: 1000 VAC, 50/60 Hz, duration 1 minute Between non-live parts: 2500 VAC, 50/60 Hz, duration 1 minute
Insulation Resistance	≥100MΩ @500VDC
Ambient Humidity	<90%RH
Ambient Temperature	-30°C ~ +80°C (Storage: -30°C ~ +120°C), no condensation, no icing

■ wiring diagram

Contacts		
pos.2	pos.3	pos.1
-	1 NC →	-
-	-	1 NC →
1 NC →	1 NC →	1 NO
1 NC →	-	1 NO



MT Series Hand-press & Foot-pedal Button

- Robust design; easy installation for working time saving;
- Self-resetting type, reduces operation steps and improves work efficiency;
- Detachable structure, suitable for harsh environments such as dirt and moisture;
- Mounting Method: 3 x M20 (PG 13.5) on the side, 1 x M16 in the base;
- Operable via hand patting, foot treading, elbow striking, and knee pushing, suitable for multi-scenario use .

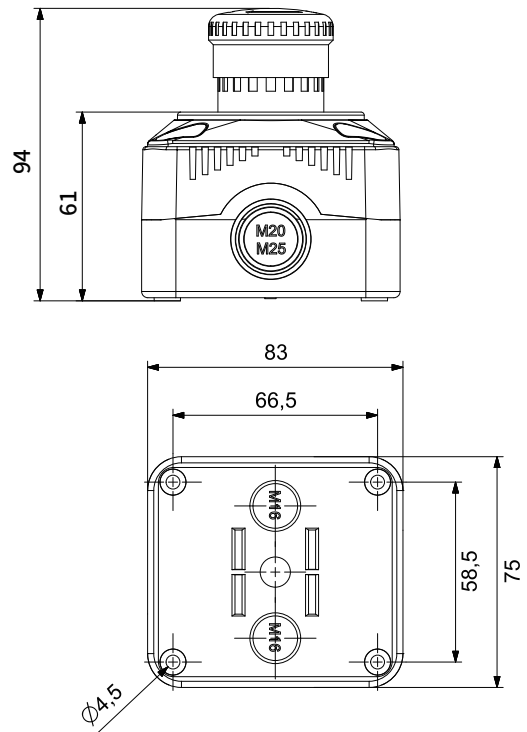
order eg.:

function
MT - 02 A
01=Pull-to-Reset Type
02=Self-Resetting Type
A=Black
B=Green

Operation Type	self-resetting type
Operation Frequency	≤3600 time/h
Operating Force	20~40N
Contact Type	NO /NC
Contact Material	silver alloy
Switch Capacity	Ith:10A Ui:500V; AC-15 Ue:230vle:4A ; DC-13 Ue:24V le:1Aor 10A250VAC/30VDC
Contact Resistance	<100mΩ Default Value
Protection Level	IP65
Interface	3*M20 Side , 1*M16 Bottom
Dielectric Withstand Voltage (DWV)	Between live parts: 1000 VAC, 50/60 Hz, duration 1 minute Between non-live parts: 2500 VAC, 50/60 Hz, duration 1 minute
Insulation Resistance	≥100MΩ @500VDC
Ambient Humidity	<90%RH
Ambient Temperature	-30°C ~ +80°C (Storage: -30°C ~ +120°C), no condensation, no icing

wiring diagram

Contacts		
pos.2	pos.3	pos.1
-	1 NC →	-
-	-	1 NC →
1 NC →	1 NC →	1 NO
1 NC →	-	1 NO



MT-03 Emergency stop button

- Sturdy design; easy installation, saving working time.
- Press to stop, Pull to Release.
- Self-extinguishing and shock-resistant polycarbonate, featuring double insulation, UV resistance and high impact resistance.
- Detachable structure, suitable for harsh environments such as dirt and moisture.
- Series control circuit design, single button controls multiple devices.
- Adopts three freely combinable cores and dual-channel safety architecture, ensuring all equipment can be emergency stopped effectively when the button is pressed.

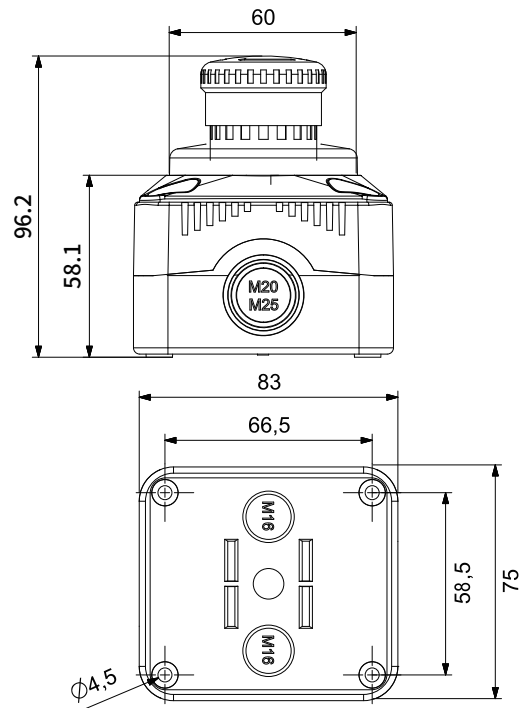
order eg.:

function
MT - 03
03=Emergency Stop Type

Mechanical Endurance	300,000 operating cycles
Operating Frequency	≤3600 cycles per hour
Operating Force	25N
Actuating Travel	4 mm (No-contact) 4 mm (Normally Closed Contact)
End-travel Force	Push-pull type, 18.5 N (No-contact)
Rotary Release	35 N (No-contact)
IP Rating	IP65
Max. Travel	9 mm
Retaining Ring Torque	2~2.5 Nm
Cable inlet	4 Side Knock-out Entries: 2 pcs M20-1/2 NPT, 2 pcs M20-1/2NPT-M25 2 M16 Knock-out Base Entries

■ wiring diagram

Contacts		
pos.2	pos.3	pos.1
-	1 NC →	-
-	-	1 NC →
1 NC →	1 NC →	1 NO
1 NC →	-	1 NO



MT-04 Series Flashing Emergency stop button

- Sturdy design; easy installation, saving working time.
- $\Phi 60$ mm with yellow luminous disc, equipped with flashing warning function, Pull to Release.
- Self-extinguishing and shock-resistant polycarbonate, featuring double insulation, UV resistance and high impact resistance.
- Detachable structure, suitable for harsh environments such as dirt and moisture.
- Series control circuit design, single button controls multiple devices.
- Adopts three freely combinable cores and dual-channel safety architecture, ensuring all equipment can be emergency stopped effectively when the button is pressed.

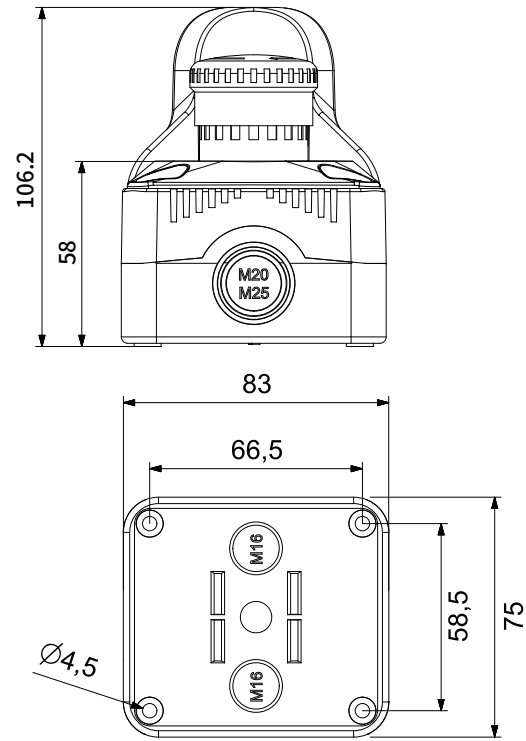
order eg.:

function
MT - 04
04=Flashing

Mechanical Endurance	300,000 operating cycles
Operating Frequency	≤ 3600 cycles per hour
Operating Force	25 N
Actuating Travel	4 mm (No-contact) 4 mm (Normally Closed Contact)
End-travel Force	Push-pull type, 18.5 N (No-contact)
Rotary Release	35 N (No-contact)
IP Rating	IP65
Max. Travel	9 mm
Retaining Ring Torque	2~2.5 Nm
Cable inlet	4 Side Knock-out Entries: 2 pcs M20-1/2 NPT, 2 pcs M20-1/2NPT-M25 2 M16 Knock-out Base Entries

■ wiring diagram

Contacts	
pos.2	pos.3
1 NO	1 NC
1 NO	2 NC



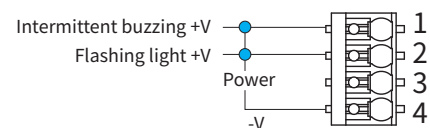
MT-05 Series Audible and Visual Emergency stop button

- Sturdy design; easy installation, saving working time.
 - With flashing warning function, Pull to Release.
 - Self-extinguishing and shock-resistant polycarbonate, featuring double insulation, UV resistance and high impact resistance.
 - Detachable structure, suitable for harsh environments such as dirt and moisture.
 - Series control circuit design, single button controls multiple devices.
- Adopts three freely combinable cores and dual-channel safety architecture, ensuring all equipment can be emergency stopped effectively when the button is pressed.

order eg.:

function
MT - 05
05=Audible and Visual Type

■ wiring diagram



Protection Level	IP65
Rated Voltage	24V DC $\pm 10\%$
Operating Current	0.01A
Buzzer Volume	80 dB (at 10 cm)
Flashing Frequency	1 Hz (0.5 s on, 0.5 s off)
Ambient Temp.	-25°C~+80°C
Connection Type	Plug-in spring connection
Cable Cross-section	0.34mm ² ~1.5mm ²
Cable inlet	4 side knock-out entries: 2 pcs M20-1/2 NPT, 2 pcs M20-1/2NPT-M25 2 pcs M16 knock-out base entries

Contacts	
pos.2	pos.3
1 NO	1 NC
1 NO	2 NC

Accessories

	X bracket	Suitable for installation of AL60 series and OL60 series.
	M12 cable	M12 four-core cable/1.5m M12 five-core cable/1.5m M12 eight-core cable/1.5m
	Light modulator	Suitable for installation of FSLED series
	Adapter	Suitable for SLED2 magnetic seat lamp series
	Universal bracket	φ23.5 stainless steel L bracket φ32 stainless steel L bracket
	D Bracket	AL30系列D支架 43.6×28.8mm AL30 series D bracket
	Connecting rod	Suitable for OM, OB, OS, OP, OH signal light series

The appearance and specifications of the products in this catalog can be changed according to quality improvement.



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