

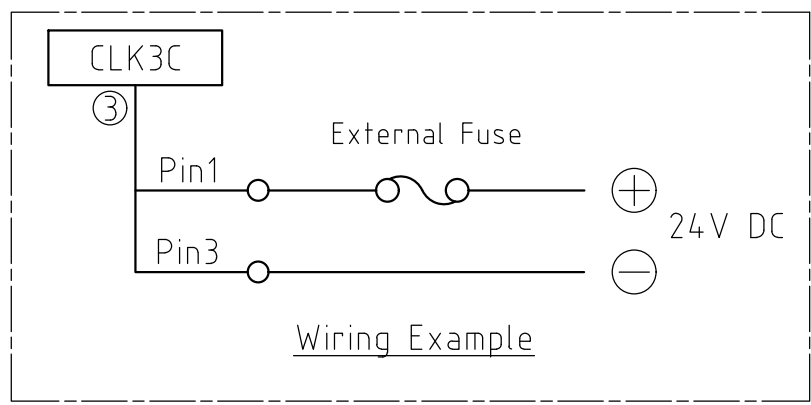
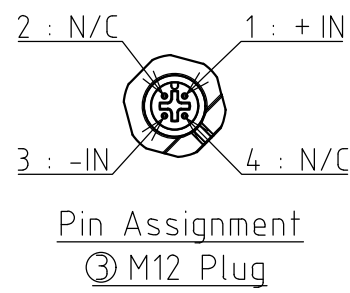
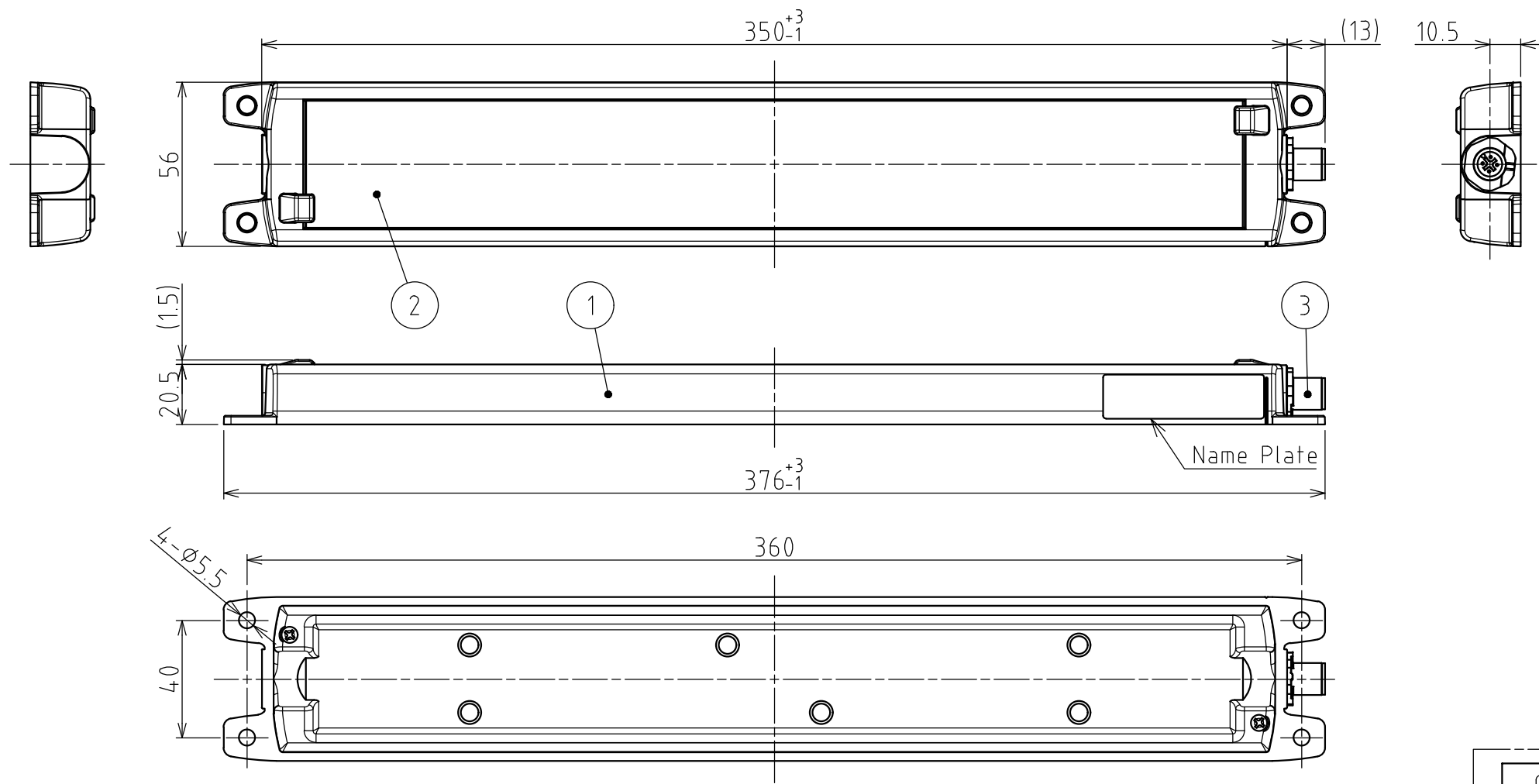
SPECIFICATIONS

[General Specifications]

Product Name	LED Work Light			
Model	CLK3C-24SG		CLK3C-24SA	
Color Code	CD	CN	CD	CN
Luminous Color	Daylight	Natural White	Daylight	Natural White
Color Temperature (typ.)	6500 K	5000 K	6500 K	5000 K
Illuminance (typ.) (Center, at 24V DC)	1.0m	1200 lx	1050 lx	
	2.0m	300 lx	260 lx	
Total Luminous Flux (typ.)	1300 lm			
Rated Voltage	24V DC (Polarized)			
Operating Voltage Range	24V DC $\pm 10\%$			
Rated Current Consumption	522 mA $\pm 10\%$			
Rated Power Consumption	12.5 W			
Operating Ambient Temperature	-40°C to +60°C			
Operating Ambient Humidity	Less than 90% (No condensation)			
Main Unit Material	Body : Stainless Steel Lens : Tempered Glass		Body : Stainless Steel Lens : Acrylic Resin + PET Film + Tempered Glass	
Mounting Location	Indoor			
Mounting Direction	All Directions			
Protection Rating	IP66G/67G (JIS C0920) / 69K (DIN 40050 part9)			
Environmental Condition	With the Recommended cables connected (Except Cable Terminal)			
Insulation Resistance	More than 5M Ω at 500VDC between live part and non-current carrying metallic part			
Withstand Voltage	500V AC applied for 1min between live part and non-current carrying metallic part without breaking insulation			
Vibration Resistance	19.6 m/s ² (JIS C 0911-1984)			
Mass (Tolerance $\pm 10\%$)	1490 g		1450 g	
Outer Dimensions	Refer to the Outer Dimension Drawing			
Conformity Standards	EMC Directive (EN 55015, EN 61000-6-2) RoHS Directive (EN 50581)			
Remarks	<ul style="list-style-type: none"> • Conforms to the CE requirements • Specifications may change without notice due to continual product improvement. • Due to the inherent properties of the LED, color variations and hue may occur. • This product's illuminance may be affected when used in airtight conditions. • Model Number Configuration <div style="text-align: center; margin: 10px 0;"> CLK3 - 24S - </div> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 40%;"> <p style="margin-left: 40px;">↑</p> <p style="margin-left: 100px;">↑</p> <p style="margin-left: 160px;">↑</p> </div> <div style="width: 55%;"> <ul style="list-style-type: none"> ● Luminous Color CD : Daylight / CN : Natural White ● Main Unit Material SG : Body: Stainless Steel Lens: Tempered Glass SA : Body: Stainless Steel Lens: Acrylic Resin ● Connector Specifications C : M12 Connector </div> </div>			

指定公差 General Tolerance	角度公差 ±[°] Angular tolerance ±[°]			寸法公差 ±[mm] Dimensional tolerance ±[mm]					図番 Drawing No. 改訂 Rev. 年月日 Date 改訂履歴 Revisions			
	短辺長さ Length of short side	~	~100	6	30	120	300	1000				
	精 f	1	0.5	0.3	0.1	中 m	0.1	0.3		0.5	0.7	1
	粗 v	3	1.5	1	0.5	粗 c	0.3	0.5		1	1.2	2

図番 Drawing No. CLK3C-24SG-W18			ページ Page 2 / 3
改訂 Rev.	年月日 Date	改訂履歴 Revisions	



Note
1. For wiring, it is recommended to use the Recommended Cable.

Recommended Cable			
Order No.	Model	Manufacturer	
4-wire M12 SUS Socket Cable, 5m length	1454082	SAC-4P-5,0-28X/M12FS OD	Phoenix Contact Corp.

3	M12 Plug	1	
2	Glass (Lens)	1	Tempered Glass
1	Body	1	Stainless (SUS316 equivalent)
番号 No.	部品名 Part Name	数量 Qty.	記事 Remarks
機種 Model	CLK3C-24SG	特注No. S.P.No.	図名 Name
品目コード Part No.	-	尺度 Scale	三角法 3rd Angle P.
		単位 Unit	株式会社 PATLITE Corporation
		mm	Ver.2.2 A3

1 2 3 4 5 6 7 8

指定 公差 General Tolerance	角度公差 ±[°] Angular tolerance ±[°]			寸法公差 ±[mm] Dimensional tolerance ±[mm]					図番 Drawing No. CLK3C-24SG-W18		
	短辺 長さ Length of short side	~	~100	6	30	120	300	1000	改訂 Rev. 年月日 Date	改訂履歴 Revisions	
	精 f	1	0.5	0.3	0.1	中 m	0.1	0.3			
	粗 v	3	1.5	1	0.5	粗 c	0.3	0.5	1	1.2	2

ページ Page
3 / 3

Technical drawing showing front, side, and top views of the CLK3C-24SG-W18 device. Dimensions include overall length 350⁺³₋₁, width 56, and mounting hole diameter 4-φ5.5. Callouts 1, 2, and 3 point to the body, lens, and M12 plug respectively. Labels include 'PET film' and 'Name Plate'.

Pin Assignment
③ M12 Plug

1: +IN
2: N/C
3: -IN
4: N/C

Wiring Example

CLK3C
③
Pin1 — External Fuse — (+) 24V DC
Pin3 — (-)

Note
1. For wiring, it is recommended to use the Recommended Cable.

Recommended Cable

Order No.	Model	Manufacturer
1454082	SAC-4P-5,0-28X/M12FS OD	Phoenix Contact Corp.

3	M12 Plug	1	
2	Glass (Lens)	1	Acrylic + PET Film + Tempered Glass
1	Body	1	Stainless (SUS316 equivalent)
番号 No.	部品名 Part Name	数量 Qty.	記事 Remarks
機種 Model	CLK3C-24SA	特注No. S.P.No.	図名 Name
品目コード Part No.	-	尺度 Scale	三角法 3rd Angle P.
		単位 Unit	株式会社 PATLITE Corporation

1 2 3 4 5 6 7 8 Ver.2.2 A3