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■ CLF : Light Bar, 130/230mm



The CLF Series of LED Light Bars is designed with a robust, sealed construction yielding an IP-67 rating ideal for semiconductor and clean room environments. Also available in yellow and red, the white color provides flicker-free, intense daylight illumination for precision work.



SIZE:

- CLF10: 30mm x 50mm x 130mm
- CLF20: 30mm x 50mm x 230mm

INPUT VOLTAGE - DC24V

OPTIONS:

FUNCTIONS - Continuous only

AVAILABLE:

MOUNTING OPTIONS:

- Direct mount
- Indoor, any direction

BODY STYLE:

- Anodized aluminum housing
- Rust, corrosion and oil resistant
- Pre-assembled, pre-wired

BODY COLOR: Gray

LIGHT SOURCE:

- CLF10 : High Intensity LED x 4
- CLF20 : High Intensity LED x 8
- Colors : Red / Amber / White
- Average Service Life: (specified when brightness decreases to 70%): 40,000 hours

LENS: Polycarbonate

RATINGS:

- CE
- [UL Component Recognition \(US\)](#)
- [UL Component Recognition \(Canada\)](#)
- RoHS

PROTECTION: IP-67f

[CLF Mechanical & Wiring Diagrams](#)

[CLF Specifications](#)

[CLF Instruction Manual](#)

[CLF RoHS Certificate](#)

[CLF Limited Warranty](#)

[Related Products]

[CLB : Light Bar, 146/246/378mm](#)

[CLT : Light Bar, 350mm](#)

PART NUMBER GUIDE

CLF 20 - 24 - R

1. Series

CLF Worklight

2. Lens Length

10 : 100mm

20 : 200mm

4. LED Color

R : Red

Y : Yellow

C : Clear

3. Rated Voltage

24 : DC24V

OPTIONAL PARTS

None Available

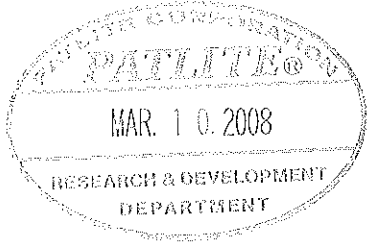
ACCESSORIES

None Available

Website subject to change without notice.

TOP

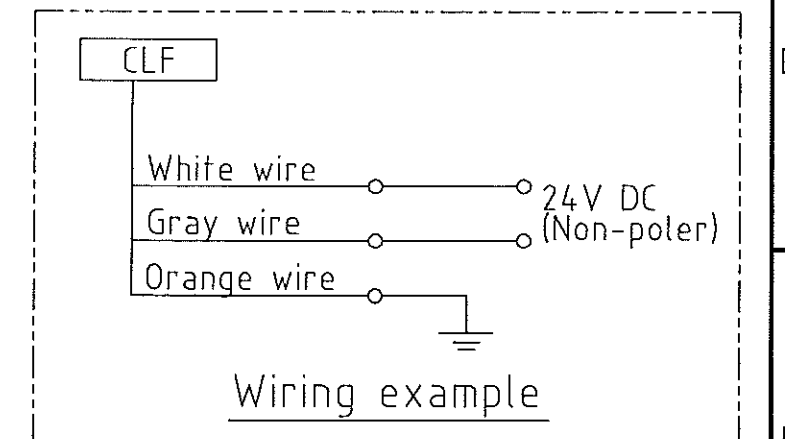
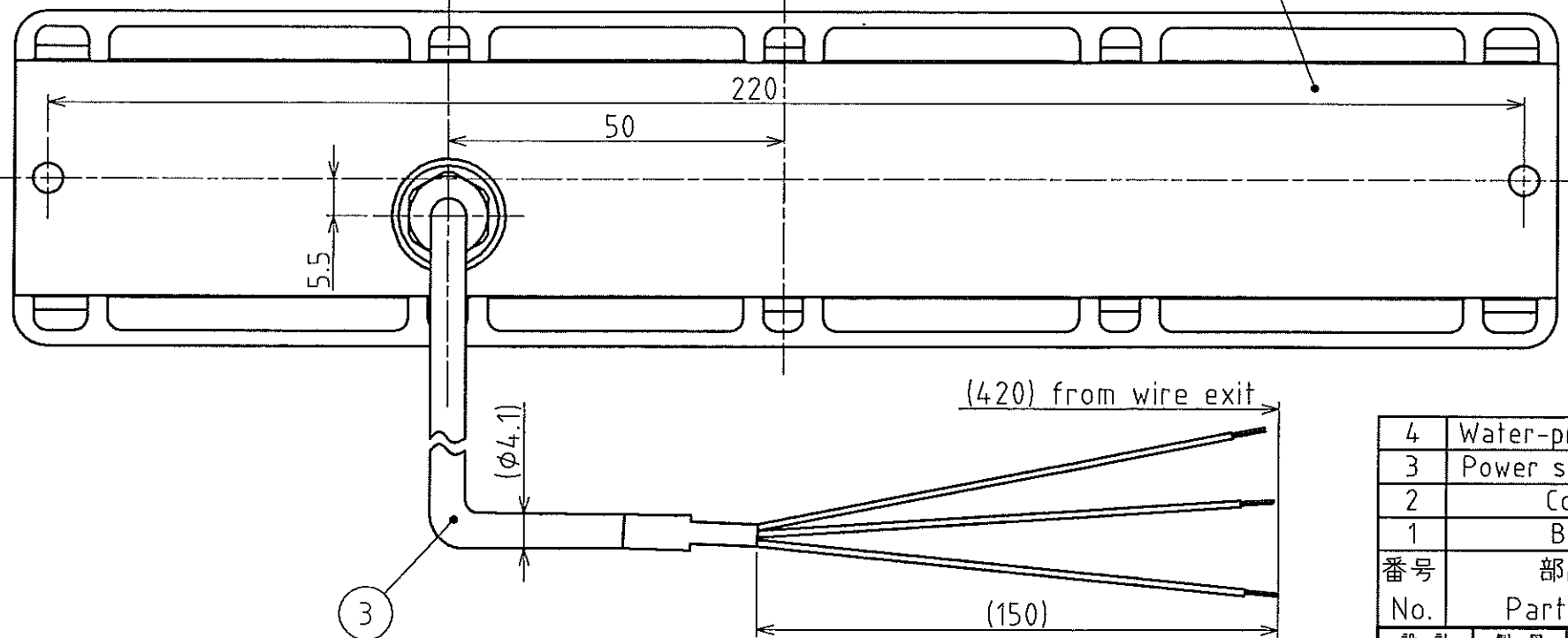
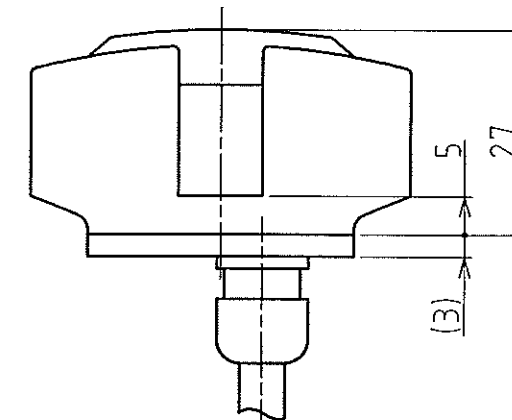
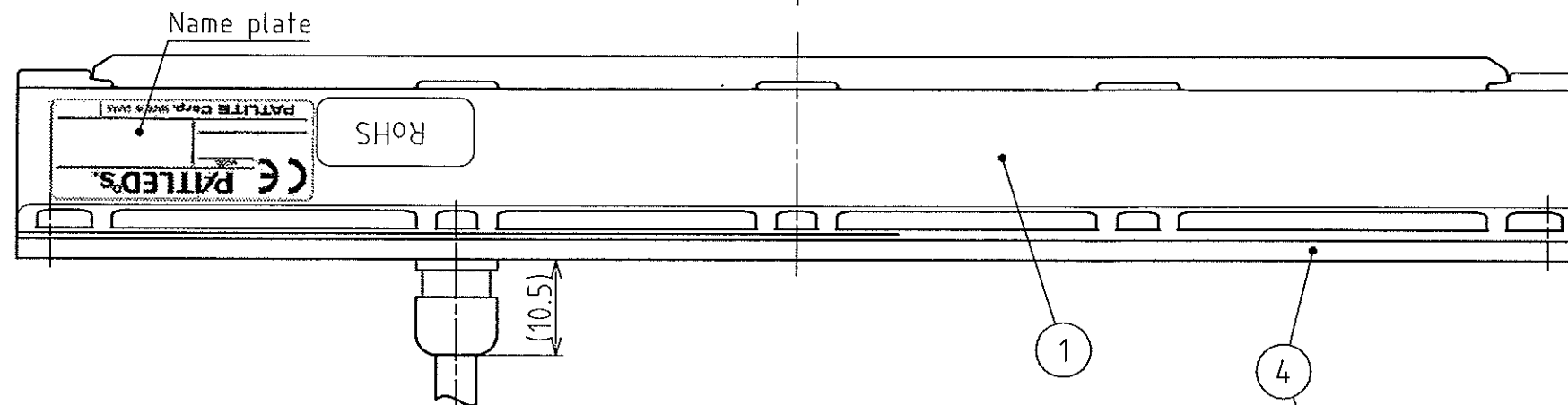
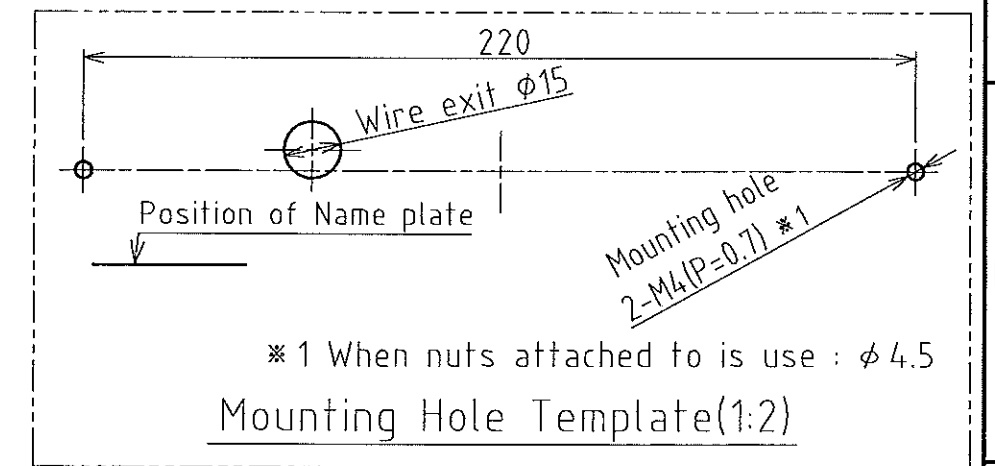
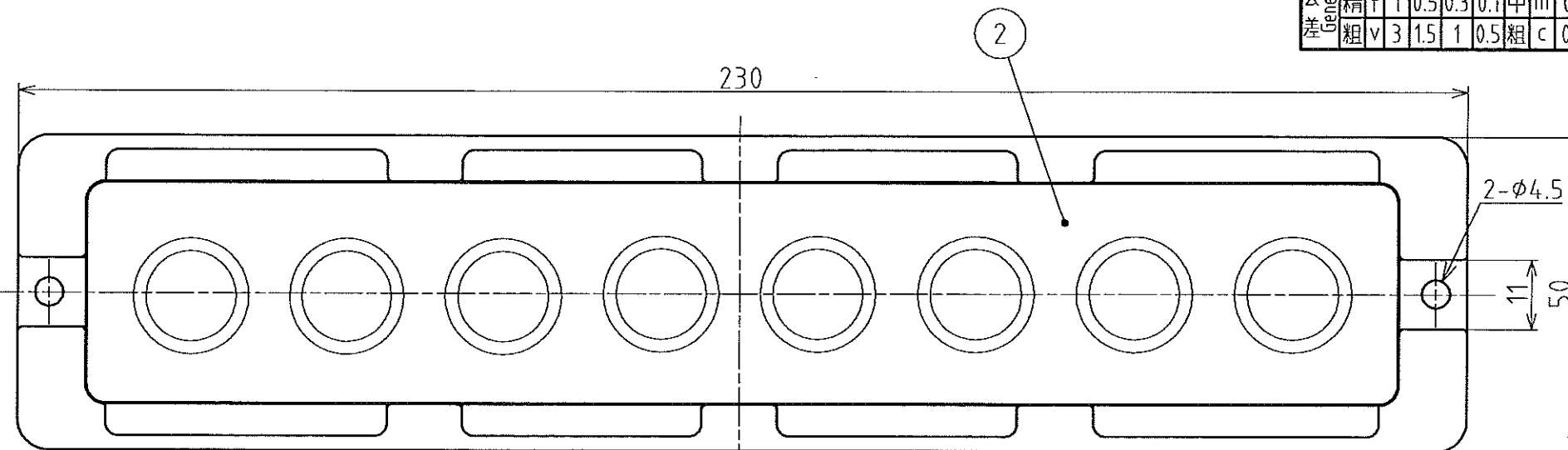
SPECIFICATIONS

Model		CLF10-24-□		
Color of lighting		R(Red), Y(Amber), C(White)		
Light source		4-LED		
Rated voltage		24V DC (non-polar)		
Operating voltage		Rated voltage±10%		
Current consumption		104mA±10mA		
Operating temperature range (Relative humidity)		-30°C~+60°C (90%RH or less, without the dew condensation)		
Mounting	Place	Indoor only		
	Direction	Any direction		
Protection rating		IP67		
Vibration proof		19.6 m/s ² (30Hz)		
Illumination at the center(at 50cm)		Red:240lx, Amber:320lx, White:850lx		
Mass		205g±10g		
No.CLF10-24-A18A-1/2 ● This product confirms to the CE requirements and CE Marking is indicated. ● This product complies with the RoHS Directive(DIRECTIVE 2002/95/EC) ● Model No. configuration CLF10-24-□ Color of lighting R:Red Y:Amber G:Green 				
PATLITE Corporation		App.by	Chk.by	Drn.by
		 8 Feb '08	 6 Feb '08	 6 Feb '08

SPECIFICATIONS

Model		CLF20-24-□		
Color of lighting		R (Red), Y (Amber), C (White)		
Light source		8-LED		
Rated voltage		24V DC (non-polar)		
Operating voltage		Rated voltage±10%		
Current consumption		208mA±20mA		
Operating temperature range (Relative humidity)		-30℃~+60℃ (90%RH or less, without the dew condensation)		
Mounting	Place	Indoor only		
	Direction	Any direction		
Protection rating		IP67		
Vibration proof		19.6 m/s ² (30Hz)		
Illumination at the center(at 50cm)		Red:471lx, Amber:630lx, White:1700lx		
Mass		345g±10g		
No.CLF20-24-A18A-1/2				
● This product confirms to the CE requirements and CE Marking is indicated. ● This product complies with the RoHS Directive(DIRECTIVE 2002/95/EC) ● Model No. configuration CLF20-24-□ └ Color of lighting R:Red Y:Amber G:Green				
PATLITE CORPORATION PATLITE® MAR. 10. 2008 RESEARCH & DEVELOPMENT DEPARTMENT				
PATLITE Corporation		App.by	Chk.by	Drn.by
		Kenji 8 Feb '08		Niyogawa 6 Feb '08

指定公差 General Tolerance	角度公差 ± [°]			寸法公差 ± [mm]						符号 Sym.	年月日 Date	訂正履歴 Revisions		記印 Sgn.	検印 Chk.	承認 App.
	短辺 長さ Short side	長辺 Long side	精度 Precision	超精密 Super precision	精密 Precision	中精度 Medium precision	普通精度 General precision	粗精度 Coarse precision	超粗精度 Super coarse precision							
指定外公差	10	50	100	0.05	0.1	0.2	0.4	0.6	1	△						
超精密	1	0.5	0.3	0.1	0.05	0.1	0.2	0.4	0.6	△						
精密	1	0.5	0.3	0.1	0.1	0.2	0.4	0.6	1	△						
中精度	3	1.5	1	0.5	0.3	0.5	1	1.2	2	△						
普通精度	3	1.5	1	0.5	0.3	0.5	1	1.2	2	△						
粗精度	3	1.5	1	0.5	0.3	0.5	1	1.2	2	△						
超粗精度	3	1.5	1	0.5	0.3	0.5	1	1.2	2	△						



Dimensions

4	Water-proof sheet	-	1	CR	
3	Power supply wire	-	1	UL2464(AWG26x3c)	
2	Cover	-	1	PC	
1	Body	-	1	Aluminum	
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks
設計 Dgn.by	製図 Dn.by	検図 Chk.by	承認 App.by	図名 Name	機種名 Model
C.Tawa	Y.Nagayama			Specifications	CLF20-24-□
23.Oct.'07	6.Feb.'08			Dimensions	品目コード Part No.
三角法 3rd Angle P.	単位 Unit mm	尺度 Scale 1:1	株式会社 パトライト PATLITE Corporation	図番 Drawing No.	CLF20-24-A18A-2/2

LIMITED WARRANTY

PATLITE (U.S.A) CORPORATION ("PATLITE") warrant its products to be free from defects in material and workmanship under normal and proper use for a period of one (1) year from the initial date of shipment by PATLITE. In the even of a defect not caused by misuse or damage to the products, PATLITE will, at its option, repair, replace or return the purchase price for, defective products upon PATLITE's inspection. **THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL PATLITE OR THE MANUFACTURER BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS OR "DOWN TIME" DAMAGES, WHETHER ARISING FROM NEGLIGENCE, TORT, STRICT LIABILITY, CONTRACT, WARRANTY OR OTHERWISE. IN NO EVENT SHALL PATLITE OR THE MANUFACTURER BE LIABLE FOR PUNITIVE OR EXEMPLARY DAMAGES.** To request warranty assistance, contact PATLITE to obtain a Return Merchandise Authorization ("RMA") number and return the product to PATLITE with the RMA number. Warranty assistance does not apply if the product is altered or modified in any way after shipment by PATLITE.