SPECIFICATIONS

	=					
Model	LU7-02		LU7-02FB			
	(Base unit)		(Base unit with Flashing and Buzzer)			
Rated voltage			24V DC			
Operating voltage	Rated voltage ±10%(21.6~26.4V DC)					
Buzzer			Buzzer 1 (Continuous sound)	Buzzer 2 (Intermittent sound)		
Current consumption			$50\pm10~\text{mA}$	24 ± 10 mA		
Inrush current			Max 100 mA			
Power consumption			1.2±0.25 W	0.58±0.25 W		
Sound level			Max:90±5 dB (at 1m) Min:Less than 70 dB			
Flashing cycle	——— 60±12 flashes per minute			hes per minute		
Operating	-30°C ~ +60°C					
temperature range	(Less than 90%)					
Mounting direction	Upright, indoor only					
D 1 11 11	IP65					
Protection rating	IP66(With cable bland)					
	LED 1 unit	44.1m/s²(4.5G)		10∼150Hz		
	LED 2 unit					
Vibration proof	LED 3 unit	18.6m/s²(1.9G)				
Vibration proof	LED 4 unit					
	150.5	9	0.8m/s²(1.0G)			
	LED 5 unit		8.6m/s²(1.9G)	40∼150Hz		
Insulation resistance	To be measured by an insulation measuring device of 500VDC between the					
Insulation resistance	terminals and the chassis. :More than 1M Ω					
Withstand voltage	500VAC being applied between the terminals and the chassis for 1 minute.					
withstand voitage	Not breaking insulation					
Mass	0.25kg±10%		0.28kg±10%			
No. LU7-02W18G-1_2						

Remark

- Conforms to the CE requirements.
- Recognized as UL standard. (Standard No.UL508, File No. E215660)
- ●This product complies with the RoHS Directive.

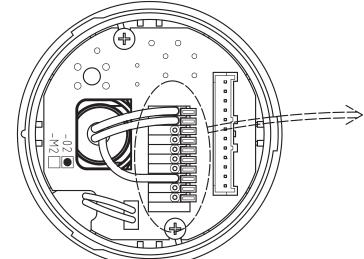
PATLITE Corporation

Terminal No. and Wiring example

ф 70

<u>Volume</u> (LU7-02FB type only)

LED unit (LU7-E-D)

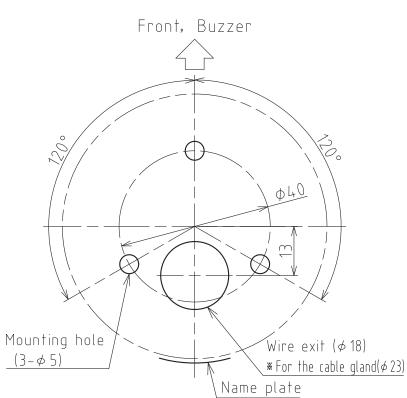


No.1(Red)	LED unit Red 🔍				External contact for Continuous light and Buzzer
No.2(Orange)	LED unit Amber ←		•		
No.3(Green)	LED unit Green ←		•		
No.4(Blue)	LED unit Blue ←		+	0	
No.5(White)	LED unit White ←		 	10 OH	
No.6(Gray)	Buzzer 1 <				
No.7(Black)	Buzzer 2 <				External contact for Flashing
No.8(Yellow)	(OM ←				Tor reasoning
No.9(Gray)	Flashing COM ←			·	0~
No.10(Black)	Power supply for flashing	<		()	24V DC
				(1A) 	
< Recommen	ded electronic wire>			FUSE	
C 11 1	O 41 O E 2				

Solid wire: 0.14∼0.5mm²

Stranded wire: $0.14 \sim 0.5 \text{mm}^2 \text{ (AWG } 26 \sim 20)$

(Wire strip: 9mm)



[NOTE]

- 1. LED unit is available up to 5 units.
- 2. Use "Class 2 Circuit" for the power supply source.
- 3. Use the fuse conforming to the rated current of the machine which you install product.

Mounting hole template

LED unit qty.	L [mm]
0	170
1	211
2	252
3	293
4	334
5	375

5	Water proof sheet		1	CR t=1.0	
4	0-ring		2	Silicone rubber ∮1.78 Gray	
3	Bracket		1	ABS (Light gray)	
2	Body		1	ABS (Light gray)	
1	Head cover		1	ABS (Light gray)	
番号	部品名	品目コード	数量	材料 & 寸法 & 処理	記事
No.	Part Name	Part No.	Qty.	Material & Size & Finish	Remarks

LU7-02(FB) Outer Dimension Drawing 株式会社パトライト PATLITE Corporation LU7-02.-W18G-2_2

	LED unit qty.	L
	0	
5	1	
	2	
	3	
Maximum thickness	4	
of the mount boad.	5	