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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Custom engineering
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SPECIFICATIONS

[General Specifications]

Model	5 tiers	LCE-502UFBW
	4 tiers	LCE-402UFBW
	3 tiers	LCE-302UFBW
	2 tiers	LCE-202UFBW
	1 tier	LCE-102UFBW
UL Registered Model		LCE- 02UFBW
Rated Voltage		24VDC / 24VAC (50/60Hz)
Operating Voltage Range		Rated Voltage ±10%
Signal Wire Current	Typ.	Per Unit
		Red:27.5mA Amber:27.2mA Green:15.2mA Blue:15.2mA White:15.2mA
		Buzzer :40.0mA
	Max.	Per Unit
		Red:33.5mA Amber:35.9mA Green:19.4mA Blue:19.4mA White:19.4mA
		Buzzer :50.0mA (Rush Current: 250mA)
Operating Ambient Temperature		-30℃ ～ +60℃
Operating Ambient Humidity		Less than 90% (No condensation)
Storage Ambient Temperature		-35℃ ～ +65℃
Storage Ambient Humidity		Less than 90% (No condensation)
Mounting Location		Indoors
Mounting Direction		Upright
Protection Rating		IP65 (IEC 60529)
Vibration Resistance		19.6m/s² (30Hz)
Insulation Resistance		More than 1MΩ at 500VDC between the terminals and the chassis
Withstand Voltage		500VAC applied for 1min between terminals and chassis without breaking insulation
Flashing Rate		60±12 Flashes Per Minute
Buzzer	Sound Pressure Level	Max:85±4dB Min:70±4dB Front direction from the center / at 1m
	Tone	Buzzer1 : Pi Pi Pi Buzzer2 : Beep Beep
Luminous Intensity		Red:760mcd Amber:830mcd Green:1800mcd Blue:700mcd White:2200mcd
Mass (Tolerance ±10%)		1 tier:0.27kg 2 tiers:0.30kg 3 tiers:0.33kg 4 tiers:0.36kg 5 tiers:0.39kg
Outer Dimensions		Refer to the Outer Dimension Drawing
Conformity Standards		EMC Directive (EN 61000-6-4, EN 61000-6-2) RoHS Directive (EN 50581) UL 508, CSA-C22.2 No. 14
Remarks		Conforms to the CE requirements UL Recognized Component (File No.215660)

[Model No. Configuration]

LCE － Ⅰ Ⅱ UFBW － Ⅲ Ⅳ

Ⅰ tiers	Ⅱ Rated Voltage	Ⅲ Luminous Color
1 : 1 tier 2 : 2 tiers 3 : 3 tiers 4 : 4 tiers 5 : 5 tiers	02 : AC/DC24V	R:Red / Y:Amber / G:Green /B:Blue / C:White ※Arranged in top-to-bottom order

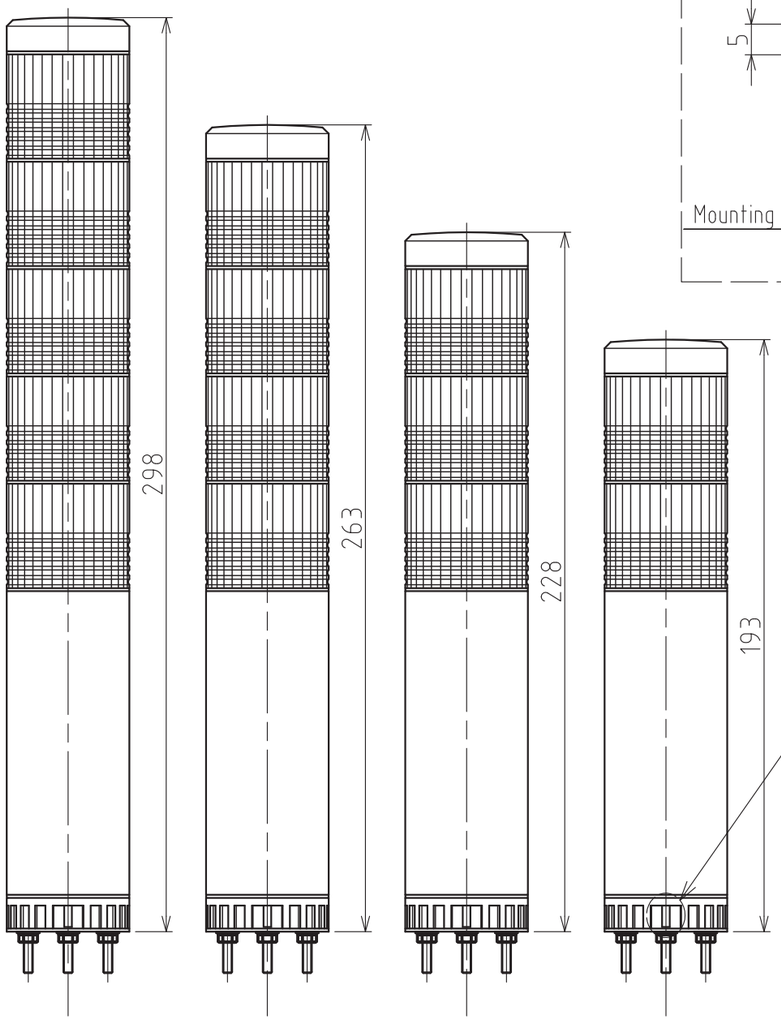
Ⅳ Lens Color
Blank : Color Lens
－Z : Clear Lens

No.LCE-502UFBW-W18F-1_2

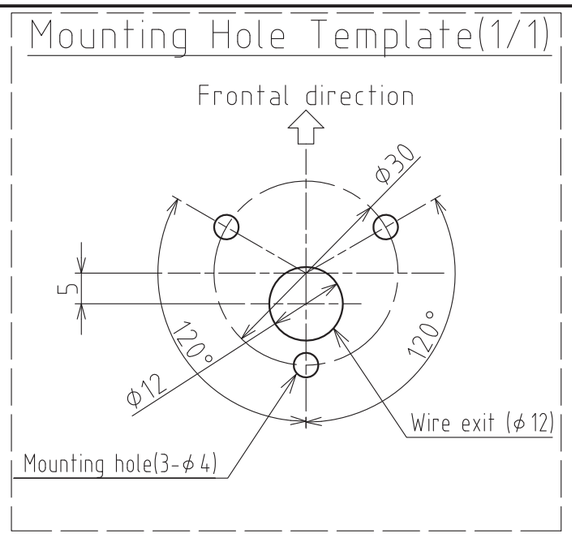
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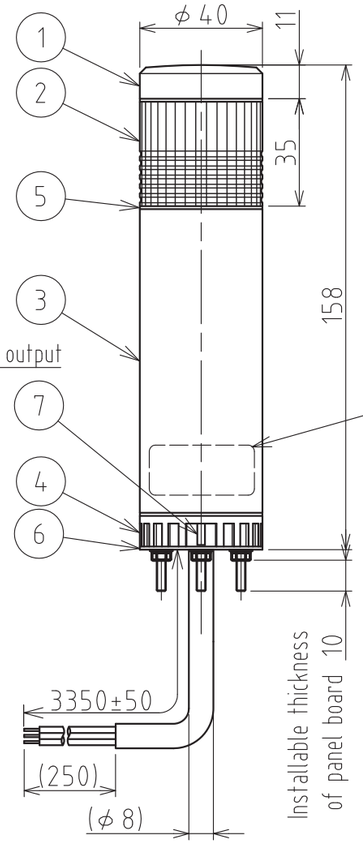
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Dimensions

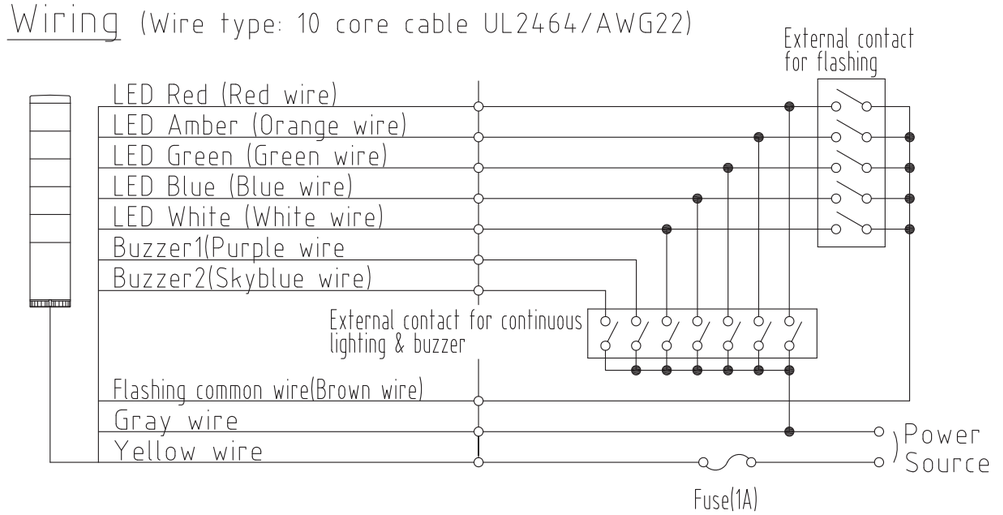


Mounting Hole Template(1/1)

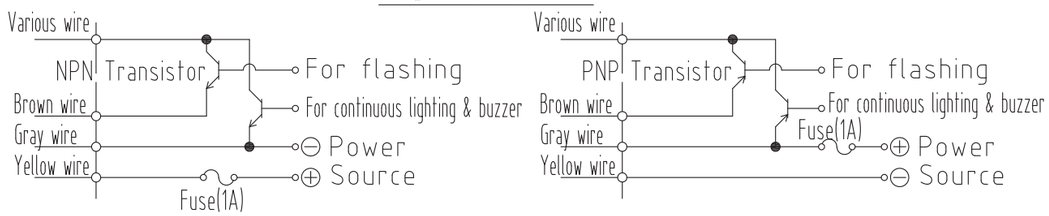




Wiring (Wire type: 10 core cable UL2464/AWG22)



Transistor drive



[Note]
1. Insulate all unused wires with insulation tape, heat-shrink tubing, etc.
2. Use a "Class 2" power supply.
3. Be sure to put a fuse in the wiring circuit between the power source and equipment for protection. If a fuse is not added, it may result in product and/or equipment failure.
4. The common wire for "Flashing" and "Non-flashing" should be separated when connecting to a Programmable Controller output unit.
5. It is important to avoid a "Non-flashing" and "Flashing" input to simultaneously turn on from an external contact source; other tiers may intermittently light up, or malfunction may occur.
6. Buzzer sound is maximum at axis of the direction of the buzzer output.
7. If Buzzer1 and Buzzer2 are used simultaneously, Buzzer1 will take priority.

n: Number of LED unit

No.	Part Name	Part No.	Qty.	Material & Size & Finish	Remarks
7	Volume		1	ABS / Silver coating	
6	Waterproof Sheet		1	CR / Black	
5	O-ring		n+2	NBR / Black	
4	Bracket		1	ABS / Silver coating	
3	Body		1	ABS / Silver coating	
2	LED unit		n	LED color:Red,Amber,Green,Blue,White Lens:AS / Refrector:ABS	
1	Head Cover		1	ABS / Silver coating	
番号	部品名	品目コード	数量	材料 & 寸法 & 処理	記事

外観図面
Outer Dimension Drawing

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