

PATLITE

■ LCE-U / 40mm



TYPE 4/4X/13

Indoor, Direct-Mount Only



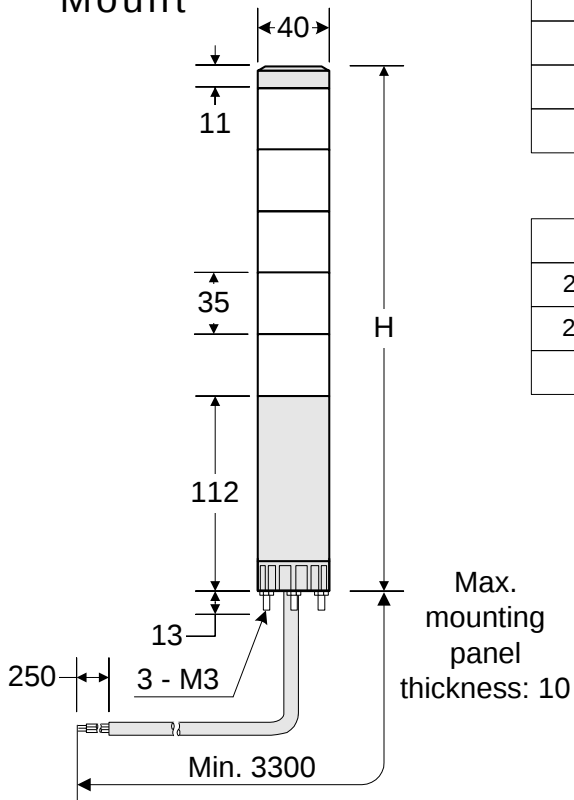
The LCE-U Series is a silver-color body LED towers that is versatile and attractive.

SIZE:	40mm diameter
INPUT VOLTAGE	AC/DC24V
OPTIONS:	
FUNCTIONS	- Continuous only
AVAILABLE:	- Continuous, Flashing, Alarms
MOUNTING OPTIONS:	- Pole mount: with 300mm steel pole, SZ-012 angle bracket, 2 nuts, 2 washers - Direct mount: includes 3 mounting nuts
BODY STYLE:	- Pre-assembled, pre-wired - Interchangeable and stackable after purchase
BODY COLOR:	Gray
TIERS:	1-5 modules can be stacked
MODULE COLORS:	Red / Amber / Green / Blue / Clear
ALARMS (FB STYLE ONLY):	- Alarm 1: selectable, single-tone, intermittent (fast beep) alarm, 85dB (at 1m) - Alarm 2: selectable, single tone, intermittent (slow beep) alarm, 85dB (at 1m)
RATINGS:	- CE - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	- IP-65 - Type 4 / 4X / 13 (indoor, direct-mount only)
CONTROL OPTIONS:	- Dry contact closure such as switches or relay contacts - Open-collector transistor (NPN or PNP for DC24V) - Direct voltage control for DC24V, continuous and alarm functions only

PART NUMBER GUIDE

Top to Bottom →									
L C E - 5 0 2 U F B W - R Y G B C									
1. Series		LCE : 40mm diameter		2. No. of Modules Stacked		3. Rated Voltage		4. Options	
				1 to 5		02 : AC/DC24V		Blank : Continuous only	
								Blank : Pole-mount	
								W : Direct-mount	
								G : Green	
								B : Blue	
								C : Clear	
								5. Pole Options	
								R : Red	
								Y : Yellow	
								G : Green	
								B : Blue	
								C : Clear	
								6. Lens Color	
								R : Red	
								Y : Yellow	
								G : Green	
								B : Blue	
								C : Clear	
								7. Tower Style	
								U : Silver body color	
								8. Options	
								Blank : Continuous only	
								FB : Continuous / Flashing / Alarms	

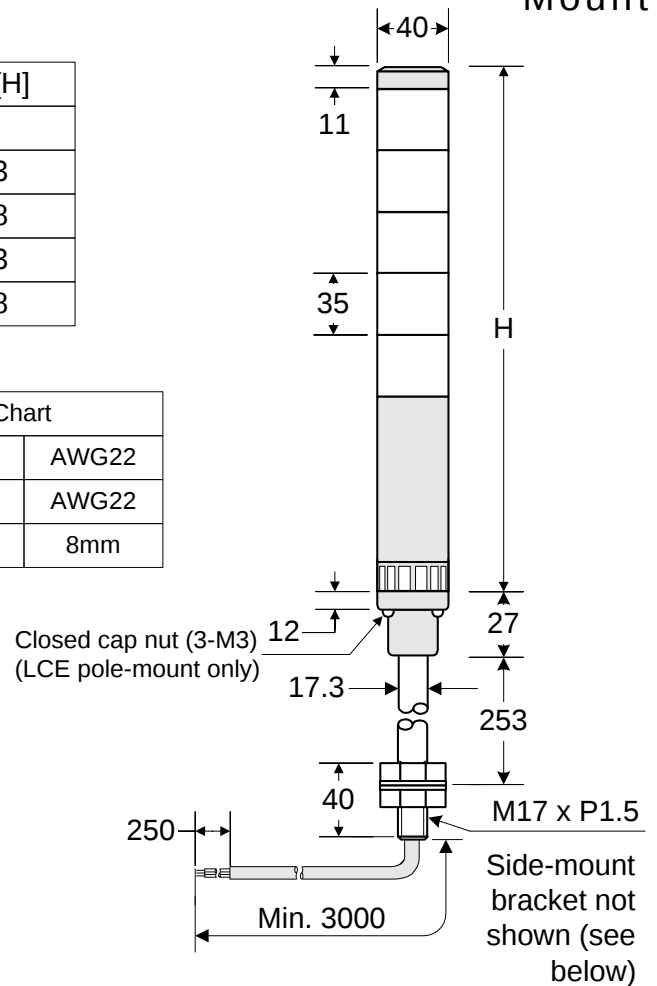
Direct Mount



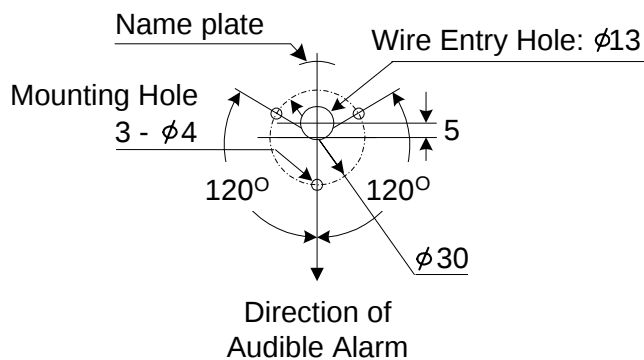
Tower Height [H]	
1 Light	158
2 Lights	193
3 Lights	228
4 Lights	263
5 Lights	298

Wire Size Chart	
24V: Signal Wires	AWG22
24V: Power Wires	AWG22
Cable O.D.	8mm

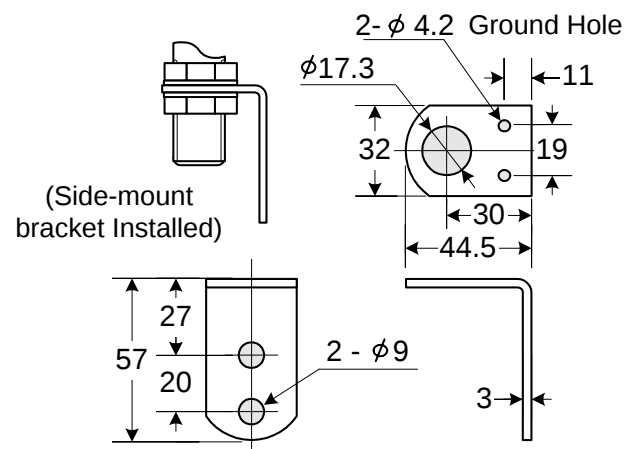
Pole Mount



Mounting Dimensions



Side-mount Bracket (Supplied)



Specifications

LCE-U

Input Voltage		Options		AC/DC24V						
		Rated Voltage		AC/DC24V (50-60 Hz)						
		Operating Voltage		Rated Voltage + or - 10%						
Operating temperature Range		-25°C ~ +60°C								
Relative Humidity		Less than 90%								
Flashing Cycle ("FB" styles only)		60 + or – 12 flashes per minute								
Alarm Sound Level ("FB" styles only)		Max: 85 + or – 4dB (at 1m) Min: 70 + or – 4dB (at 1m)								
Alarm Sound Description ("FB" styles only)		Intermittent, single-tone; Alarm 1: fast beep, Alarm 2: slow beep								
Mounting Location Options		Indoor use only								
Mounting Direction Options		Upright only								
Protection Rating		IP-65								
Vibration		19.6m/s ² (30Hz) (2 hours each: front-back, right-left, up-down)								
Insulation Resistance		More than 1 Megohm between terminals and chassis at DC500V								
Withstand Voltage (AC/DC24V)		AC500V applied between terminals and chassis for 1 minute without breaking insulation								
Luminous Intensity (mcd = millicandela)		Red	Amber	Green	Blue	Clear				
		760mcd	830mcd	1290mcd	210mcd	400mcd				
Applicable Standards		CE	EN60958-1: 1993							
		UL	UL Component Recognition per UL-508 (File No. E215660)							
		RoHS	RoHS Directive 2005/95/EC							
Power Consumption		Red	Amber	Green	Blue	Clear	Steady	Inrush	Steady	Inrush
AC/DC24V	Current (mA @ 24V)	28	28	22	23	23	40	250	40	250
	Watts	0.7	0.7	0.6	0.6	0.6	1.0	-----	1.0	-----
Contact Capacity (Is = current capacity; Vs = withstand voltage; Vc = dielectric breakdown voltage; IL = leakage current)										
AC/DC24V		Contact Capacity					Transistor Capacity (NPN and PNP)			
	LED Light Module	Is >= 100mA; Vs >= AC35V					Ic >= 100mA; Vc >= 35V			
	Alarm	Is >= 300mA; Vs >= AC35V					Ic >= 300mA; Vc >= 35V			
	Power Supply	Is >= 500mA; Vs >= AC35V								
Leakage Current		IL = 0.1mA or less								
Fuse (not included)		1A (250V)								