

L1920 Indicator Tower Light For Hazardous Locations



Zone
2

Zone
21

Zone
22

IP67

NEMA
6

Protection

- Ex ec IIC T4 Gc
- Ex tb IIIC T80°C Db
- ⓈII 3 G Ex ec IIC T4 Gc
- ⓈII 2 D Ex tb IIIC T80°C Db

Standards

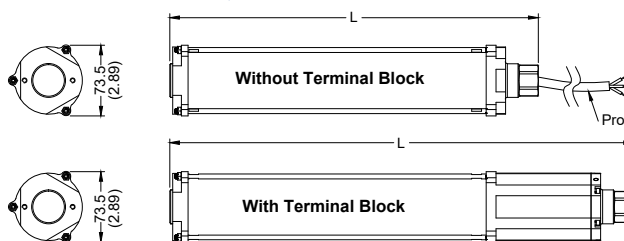
IEC 60079-0
IEC 60079-7
IEC 60079-31
EN 60079-0
EN 60079-7
EN 60079-31

- Available with or without terminal box and buzzer.
- Single-color light can be used as a warning light, eye-washer indicator or for special environments.

Technical Data

LED Lamp and Buzzer Rated Current (±10%)						
	12VDC	12VAC	24VDC	24VAC	110VAC	220VAC
LED	0.08A	0.15A	0.05A	0.07A	0.02A	0.02A
Buzzer	0.08A	0.08A	0.02A	0.02A	0.01A	0.01A

Rated Voltage	12V / 24V DC ; 12V / 24V / 110V / 220V AC	
Ambient Temperature	-20℃ ~ +40℃	
Color	Red, Orange, Green, Blue, White	
Frequency	50 / 60 Hz (AC)	
Degree of Protection	IP67 / NEMA 6	
Material	Aluminum Alloy(Body) and PC(Lens)	Buzzer Volume: 80 dB (Tested 1 meter away from the device)
Entrance Thread	M22	



Net Weight:

- Without Terminal Block-5 sections
1.5 kg (3.3 lb)
- With Terminal Block-5 sections
2.0 kg (4.4lb)

Dimension in Millimeters (inches)

Total Height "L"					
Section	Without Terminal Block		With Terminal Block		Color* (From Top to Bottom)
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT	
1	255 mm	255 mm	354 mm	354 mm	Red
2	255 mm	319 mm	354 mm	418 mm	Red x Green
3	319 mm	383 mm	418 mm	482 mm	Red x Orange x Green
4	383 mm	447 mm	482 mm	546 mm	Red x Orange x Green x Blue
5	447 mm	511 mm	546 mm	610 mm	Red x Orange x Green x Blue x White

*The light color sequence can be adjusted according to needs.

Model Code

THT	H	1920	S	C	D	Z	2	5	T	C90
			①	②			③	④		⑤

① Function

L=Non-Flashing mode
F=Flashing mode
S=Flashing mode with Buzzer
B=Non-Flashing mode with Buzzer

② Appearance Type

N=Without Terminal Block
C=With Terminal Block

③ Voltage

1=110V, 2=220V, 3=24V, L=12V

④ Section

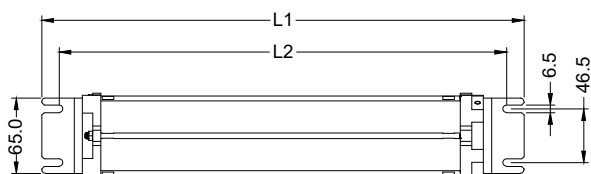
1~5 (Red, Orange, Green, Blue, White, selecting from top to bottom)

⑤ Mounting Bracket Type

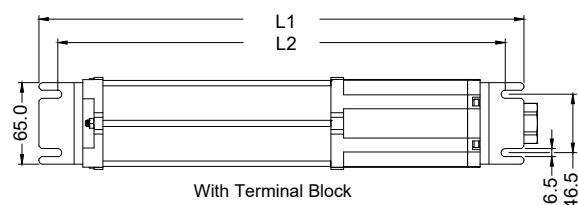
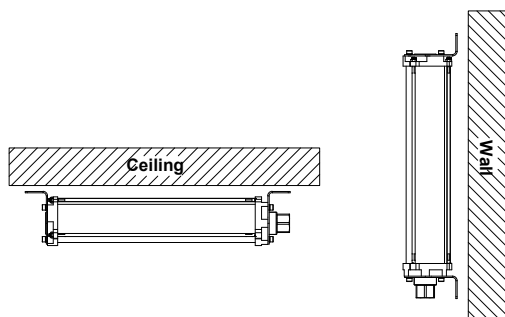
W90=Wall Mount
C90=Ceiling Mount
S=Pole Stand
F=Foldable Mount
T=Pole Mount

Mounting Option & Dimensions (All in mm)

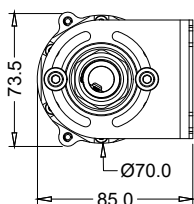
Two Position - Wall Mount (W90) / Ceiling Mount (C90)



Without Terminal Block



With Terminal Block

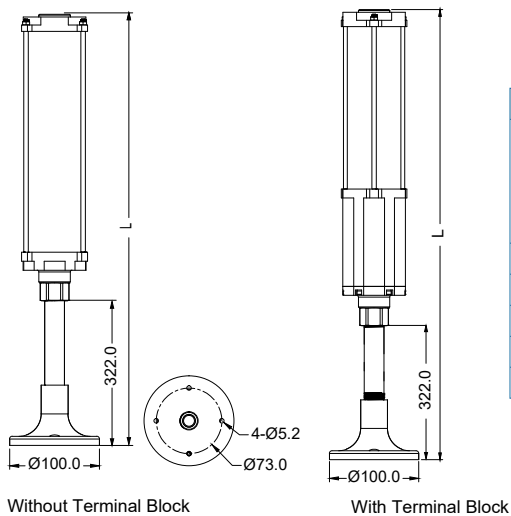


Length "L1"				
Section	Without Terminal Block		With Terminal Block	
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT
1	288 mm	288 mm	387 mm	387 mm
2	288 mm	352 mm	387 mm	451 mm
3	352 mm	416 mm	451 mm	515 mm
4	416 mm	480 mm	515 mm	579 mm
5	480 mm	544 mm	579 mm	643 mm

Length "L2"				
Section	Without Terminal Block		With Terminal Block	
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT
1	258 mm	258 mm	357 mm	357 mm
2	258 mm	322 mm	357 mm	421 mm
3	322 mm	386 mm	421 mm	485 mm
4	386 mm	450 mm	485 mm	549 mm
5	450 mm	514 mm	549 mm	613 mm

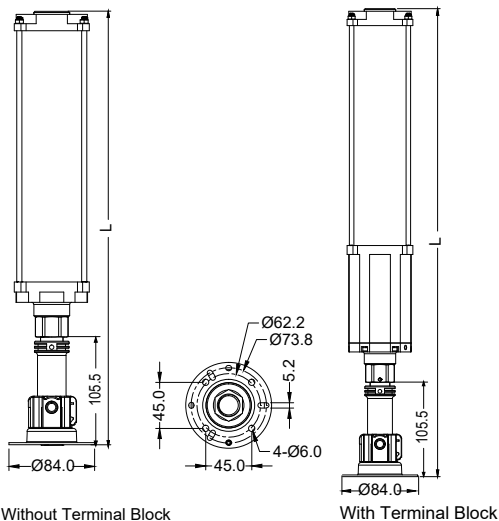
Mounting Option & Dimensions (All in mm)

Pole Stand (S)



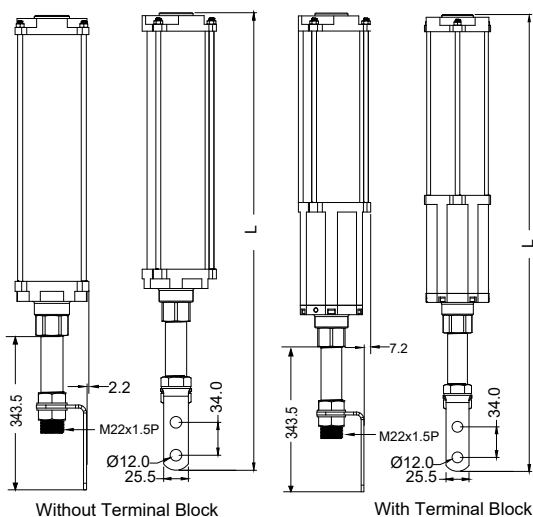
Section	Total Height "L" (For Reference Only)			
	Without Terminal Block		With Terminal Block	
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT
1	577 mm	577 mm	676 mm	676 mm
2	577 mm	641 mm	676 mm	740 mm
3	641 mm	705 mm	740 mm	804 mm
4	705 mm	769 mm	804 mm	868 mm
5	769 mm	833 mm	868 mm	932 mm

Foldable Mount (F)



Section	Total Height "L" (For Reference Only)			
	Without Terminal Block		With Terminal Block	
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT
1	360.5 mm	360.5 mm	459.5 mm	459.5 mm
2	360.5 mm	424.5 mm	459.5 mm	523.5 mm
3	424.5 mm	488.5 mm	523.5 mm	587.5 mm
4	488.5 mm	552.5 mm	587.5 mm	651.5 mm
5	552.5 mm	616.5 mm	651.5 mm	715.5 mm

Pole Mount (T)



Section	Total Height "L" (For Reference Only)			
	Without Terminal Block		With Terminal Block	
	THTH1920LNDZxxT	THTH1920FNDZxxT THTH1920SNDZxxT THTH1920BNDZxxT	THTH1920LCDZxxT	THTH1920FCDZxxT THTH1920SCDZxxT THTH1920BCDZxxT
1	598.5 mm	598.5 mm	697.5 mm	697.5 mm
2	598.5 mm	662.5 mm	697.5 mm	761.5 mm
3	662.5 mm	726.5 mm	761.5 mm	825.5 mm
4	726.5 mm	790.5 mm	825.5 mm	889.5 mm
5	790.5 mm	854.5 mm	889.5 mm	953.5 mm