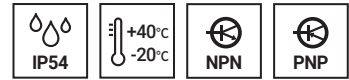


## ST45ML-Ex



Non-sparking explosion proof LED tower lights suitable for use in zone 2 hazardous areas



ST45ML-Ex

### PRODUCT SPECIFICATION

ST45ML-Ex | STB45ML-Ex

#### Materials

Lens-PC, Housing-PC, Mounting housing-Al, Cover-PC/Al

Ambient operating temperature  $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C}$

Protection rating IP54

Explosion protection rating

KCs- Ex nR II T6 IP54 (Layer2-3)

NEPSI, CCC -Ex nR IIC T6 Gc (Layer1-5)

KCs - Ex nR II T4 IP54 (Customization, Layer1-5)

- Non- sparking explosion protected high-intensity LED steady tower lights
  - Excellent distance visibility by using a special reflector to arrogate the light from the LED filament
  - Reduced maintenance with use of long-lasting LED light source
  - Lens and housing are made of polycarbonate with excellent durability, suitable for potentially hazardous and explosive environments
  - Can be used for Zone 2 application with explosion proof rating of nR
- ※ Zone2 : Equipment is capable of operating under abnormal high risk environmental conditions for a short duration



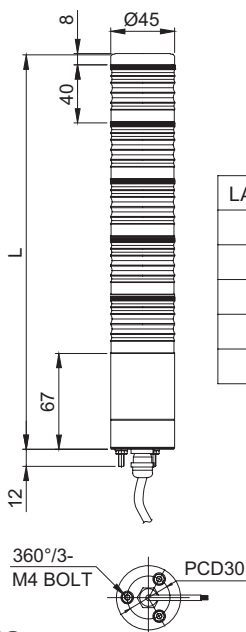
### ST45ML-Ex Non-Sparking Explosion Proof LED Tower Light

Model number	Layer	Voltage	Certificates	Weight	Color
ST45ML-Ex ST45ML	1	DC12V		0.19kg	● R-Red
		DC24V		0.19kg	
	2	DC12V		0.24kg	● R-Red ● G-Green
		DC24V		0.24kg	
	3	DC12V		0.29kg	● R-Red ● A-Amber ● G-Green
		DC24V		0.29kg	
	4	DC12V		0.32kg	● R-Red ● A-Amber ● G-Green ● B-Blue
		DC24V		0.32kg	
	5	DC12V		0.36kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White
		DC24V		0.36kg	

### Technical Diagram

Units: mm

• ST45ML-Ex



### Light source current(based on 1 layer)

Voltage	DC12V	DC24V
Light source current(1 layer)	24mA	12mA

### Wiring Instructions

• ST45ML-Ex-DC / STB45ML-Ex-DC

