STA45SLM

IP23 | IP44 | +50°C -30°C | BUZZER | 90dB | NPN | PNP

PRODUCT SPECIFICATION

STA45SLM | STA45SLMP

Materials Lens-Acryl, Inner lens-AS, Housing-Al
Ambient operating temperature -30°C to +50°C
Volume Max.90dB at 1m
Protection rating
Standard type-IP44, Built-in buzzer type-IP23

- Ø45mm direct mount/pole mount tower lights
- Aluminum housing displays a unique metallic luster that defines a high class product
- Excellent visibility by using a high brightness LED with a special diffusion lens
- Lens maintains a semi-transparent color when not emitting the specific color of the signal under operation
- Steady mode only with fixed user selected color arrangement (can operate flashing mode with External Contact)
- Easy mounting with the bolts/screws located at the bottom of the product
- Standard model and built-in buzzer model can be used by selecting the specifications suitable for the operating environment.



STA45SLM Series

STA45SLM Ø45mm Direct mount, LED Steady

Model number	Layers	Voltage	Certificates	Weight	Color
STA45SLM Steady STA45SLM-BZ Steady w/ built-in buzzer	1	DC12V DC24V	CE UL	0.50kg	R-Red
	2	DC12V DC24V		0.54kg	R-Red G-Green
	3	DC12V DC24V		0.58kg	R-Red A-Amber G-Green
	4	DC12V DC24V		0.63kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V		0.68kg	R-Red A-Amber G-Green B-Blue W-White

※ CE Compliant: DC24V, UL Listed: DC24V

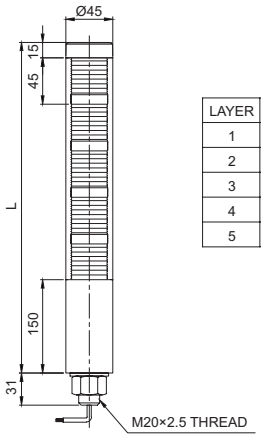
Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V
Light source current(1 layer)	100mA	50mA
Buzzer current	40mA	75mA

Technical Diagram

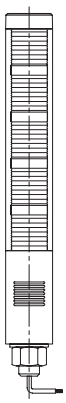
Units : mm

·STA45SLM



LAYER	L
1	198
2	243
3	288
4	333
5	378

·STA45SLM-BZ



Customization

· Wall mount bracket options : Used for mounting on the vertical surface



Wall mount bracket STAWB45

STA45SLMP

IP23 | IP44 | +50℃ -30℃ | BUZZER | 90dB | NPN | PNP



STA45SLMP Series

STA45SLMP Ø45mm Pole mount, LED Steady

Model number	Layers	Voltage	Certificates	Weight	Color
STA45SLMP Steady STA45SLMP-BZ Steady w/ built-in buzzer	1	DC12V DC24V	CE UL	0.56kg	R-Red
	2	DC12V DC24V		0.60kg	R-Red G-Green
	3	DC12V DC24V		0.64kg	R-Red A-Amber G-Green
	4	DC12V DC24V		0.69kg	R-Red A-Amber G-Green B-Blue
	5	DC12V DC24V		0.74kg	R-Red A-Amber G-Green B-Blue W-White

※ CE Compliant: DC24V, UL Listed: DC24V

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V
Light source current(1 layer)	100mA	50mA
Buzzer current	40mA	75mA

Mounting bracket

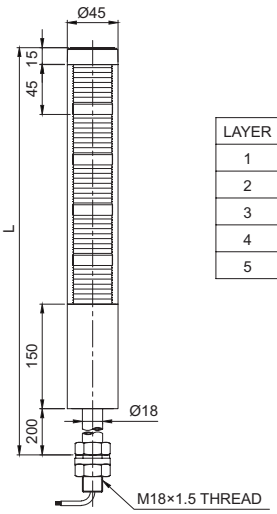
Standard	LB18	LW18	QZ18
			
Steel	Steel	ABS	ABS
SZ18	QL18	SL18	SLB370
			
Al	ABS	Al	PC, Steel

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

Technical Diagram

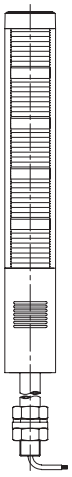
Units : mm

·STA45SLMP



LAYER	L
1	398
2	443
3	488
4	533
5	578

·STA45SLMP-BZ



Wiring Instructions

· External power line/External signal line
- UL1007 AWG22(0.3sq) 400mm

Customization

· Customized pole length available

Ordering Specification

STA45SLMP	-	3	-	24	-	RAG	-	QZ18

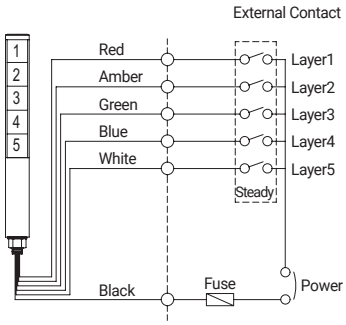
[Model number]	[Layers]	[Voltage]	[Color]	[Bracket]
STA45SLM STA45SLM-BZ STA45SLMP STA45SLMP-BZ	1-1 Layer 2-2 Layers 3-3 Layers 4-4 Layers 5-5 Layers	12-DC12V 24-DC24V	R-Red A-Amber G-Green B-Blue W-White	None-Standard Bracket -LB18 -LW18 -QZ18 -SZ18 -QL18 -SL18 -SLB370

Wiring Instructions

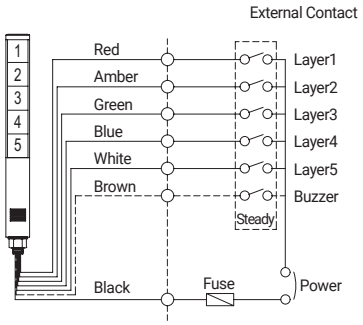
· STA25SLM, STA35SL, STA35SLM and STA45SLM can be wired by using both External Contact and transistor.
· In case of wiring by transistor, please make sure if it is NPN type or PNP type. Please carefully follow wiring instructions below.

External Contact

·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC



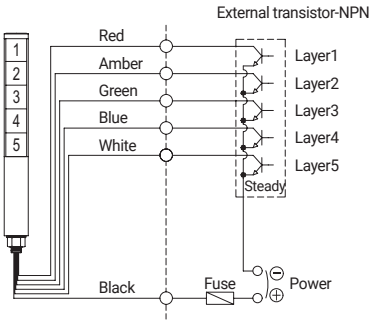
·STA45SLM / ST45SLMP-DC



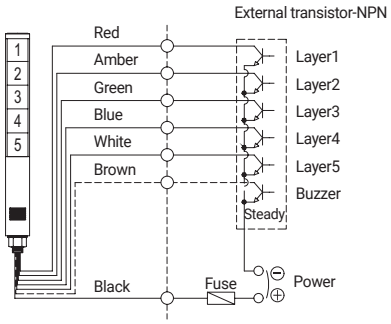
Transistor(I/O)

NPN Transistor

·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC

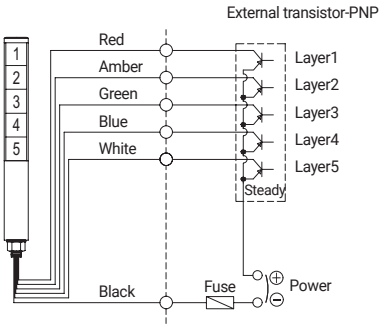


·STA45SLM / ST45SLMP-DC

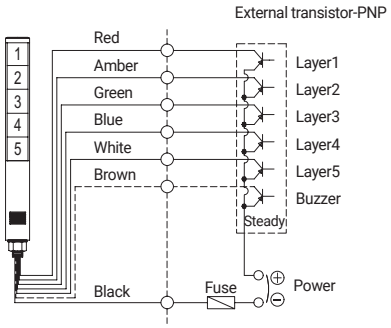


PNP Transistor

·STA25SLM-DC
·STA35SL-DC / STA35SLM-DC



·STA45SLM / ST45SLMP-DC



Wiring Instructions

· External power line/External signal line - UL1007 AWG22(0.3sq) 400mm

Transistor Rating

Model number	NPN or PNP
Withstanding voltage	Vc ≧ 35V
Current	Ic ≧ 300mA
Leakage current	0.1mA ≧ IL