

SJD series

Stackable Cube Tower Lights with Built-in Alarm



SJD



Common Specifications(SJD/ SJDL/ SJDS)

- Cube-shaped(95×95mm) stacked tower lights and audible alarm combinations
- Lamp can be selectable among bulb revolving, LED steady/flashing, xenon strobe depending on installation environment
- 5 Warning sounds, 5 Melodies, 5 Alarms, and 5 Customizable sounds available
- WV type : Input audio message needs to be provided to us by the customer prior to manufacturing
- Multiple stacked light segments conserves space
- Standard color arrangements are as below :
 - 1 Layer : ● R-Red
 - 2 Layers : ● R-Red ● G-Green
 - 3 Layers : ● R-Red ● A-Amber ● G-Green
- Materials : Lens-AS, Body-ABS, Reflector-Heat resistant ABS
- Protection rating : IP23



SJD Bulb Revolving Cube Tower Light

- Employs a special power transmission system that minimizes noise and wear
- Available in customized color arrangements
- Revolving speed : 120-140RPM
- Ambient operating temperature : -20°C to +50°C

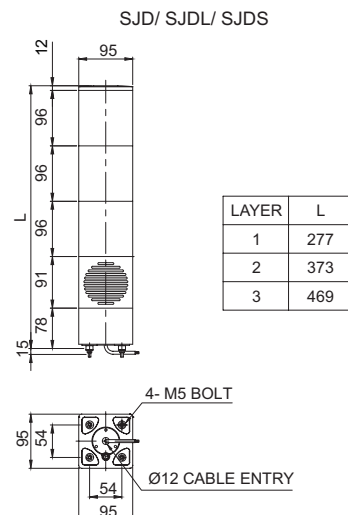
Model number	layer	Voltage	Current	Bulb			Sound Pattern and Volume	Certificates	Weight	Color
				Spec	Standard	Parts no				
SJD	1	DC12V	0.751A	12V5W	T16x35 15S	5	• WS-5 warning sounds : 90dB	-	DC-1.41kg AC-1.79kg	● R-Red
		DC24V	0.521A	24V5W	T16x35 15S	6				
		AC110V	0.164A	12V5W	T16x35 15S	5				
		AC220V	0.082A	12V5W	T16x35 15S	5				
	2	DC12V	1.235A	12V5W	T16x35 15S	5	• WM-5 Melodies : 90dB		DC-1.65kg AC-2.04kg	● R-Red ● G-Green
		DC24V	0.831A	24V5W	T16x35 15S	6				
		AC110V	0.208A	12V5W	T16x35 15S	5				
		AC220V	0.104A	12V5W	T16x35 15S	5				
	3	DC12V	1.720A	12V5W	T16x35 15S	5	• WV-5 customizable sounds : 80dB		DC-1.90kg AC-2.29kg	● R-Red ● A-Amber ● G-Green
		DC24V	1.141A	24V5W	T16x35 15S	6				
		AC110V	0.191A	12V5W	T16x35 15S	5				
		AC220V	0.126A	12V5W	T16x35 15S	5				

* Please refer to page144 for detailed information about selectable sound patterns.



Technical Diagram

(Units : mm)



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A variety of pre-recorded sound patterns - warning sounds, melodies and alarms



SJDL/ SJDS

⚠ Do not apply a voltage to each signal line. It may cause damage to the product

- SJDL type can be wiring with external contact and transistor.
- Wiring to transistor, use the NPN transistor. Please wire properly based on technical diagram.
- **Bulb type SJD and xenon lamp type can not be wiring with transistor.**
- **Please use external contact.**

Wiring Instructions

- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- External signal line standard : UL1007 AWG22(0.3sq) 400mm
- SJD : Black output line is negative(-)

Customization

- Customized color arrangements available

SJDL LED Steady/Flashing Tower Light

- Wide diffusion lens of 96mm height provides a powerful LED signal light
- Built-in switches for steady/flashing mode
- Flashing rate : 60-80 flashes/min
- Ambient operating temperature : -30°C to +50°C

Model number	Layer	Voltage	Current	Sound Pattern and Volume	Certificates	Weight	Color
SJDL	1	DC12V	Max.	• WS-5 Warning sounds : 90dB • WM-5 Melodies : 90dB • WA-5 Alarms : 85dB • WV- 5 Customizable sounds : 80dB	-	DC-1.63kg AC-1.63kg	● R-Red
		-24V	0.340A				
		AC110V	0.125A				
	2	DC12V	Max.			DC-1.80kg AC-1.80kg	● R-Red ● G-Green
		-24V	0.490A				
		AC110V	0.140A				
	3	DC12V	Max.			DC-2.04kg AC-2.04kg	● R-Red ● A-Amber ● G-Green
		-24V	0.600A				
		AC110V	0.155A				
		AC220V	0.080A				

※ Please refer to page144 for detailed information about selectable sound patterns.

SJDS Xenon Lamp Strobe Tower Light

- Diffusion strong light offers long distance transmission of signal light
- Lamp connector fastening structure allows for convenient lamp replacement
- Flashing rate : 60-80 flashes/min
- Ambient operating temperature : -30°C to +50°C

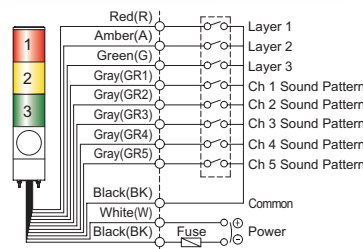
Model number	Layer	Voltage	Current	Sound Pattern and Volume	Certificates	Weight	Color
SJDS	1	DC12V	Max.	• WS-5 Warning sounds : 90dB • WM-5 Melodies : 90dB • WA-5 Alarms : 85dB • WV- 5 Customizable sounds : 80dB	-	DC-1.25kg AC-1.66kg	● R-Red
		-24V	0.990A				
		AC110V	0.195A				
	2	DC12V	Max.			DC-1.45kg AC-1.84kg	● R-Red ● G-Green
		-24V	1.170A				
		AC110V	0.330A				
	3	DC12V	Max.			DC-1.64kg AC-2.03kg	● R-Red ● A-Amber ● G-Green
		-24V	2.435A				
		AC110V	0.465A				
		AC220V	0.350A				

※ Please refer to page144 for detailed information about selectable sound patterns.

Wiring Instructions

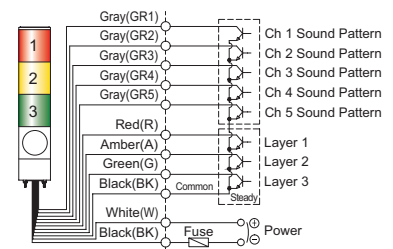
SJD/ SJDL/ SJDS-DC/AC

EXTERNAL CONTACT



SJDL-DC/AC

EXTERNAL TRANSISTOR-NPN



Ordering Specification

SJD	WA	3	220	RAG
[Model number]	[Sound selection]	[Layer]	[Voltage]	[Color]
• SJD • SJDL • SJDS	• WS-Warning • WM-Melody • WA-Alarm • WV-Customizable sound	• 1-1Layer • 2-2Layers • 3-3Layers	• 12-DC12V • 24-DC24V • 12/24-DC12V-24V (SJD, SJDS only) • 110-AC110V • 220-AC220V	● R-Red ● A-Amber ● G-Green