

Stackable Cube Tower Lights with Built-in Alarm

SJD Series



SJD

PRODUCT SPECIFICATION

SJD | SJD-L | SJD-S

Materials Lens-AS, Body-ABS,
Reflector-Heat resistant ABS

Protection rating IP23

Standard color

1st layered - ● Red

2nd layered - ● Red ● Green

3rd layered - ● Red ● Yellow ● Green

- 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

SJD Bulb Revolving Cube Tower Light

Model number	Layer	Voltage	Bulb			Sound pattern and volume	Certificates	Weight	Color
			Spec	Standard	Parts no				
SJD	1	DC12V	12V5W	T16x35 15S	5	·WS-5 warning sounds : Max.90dB ·WM-5 Melodies: Max.90dB ·WA-5 Alarms: Max.85dB ·WV-5 customizable sounds : 79-85dB		DC-1.41kg AC-1.79kg	● R-Red
		DC24V	24V5W	T16x35 15S	6				
		AC110V	12V5W	T16x35 15S	5				
		AC220V	12V5W	T16x35 15S	5				
	2	DC12V	12V5W	T16x35 15S	5		-	DC-1.65kg AC-2.04kg	● R-Red ● G-Green
		DC24V	24V5W	T16x35 15S	6				
		AC110V	12V5W	T16x35 15S	5				
		AC220V	12V5W	T16x35 15S	5				
	3	DC12V	12V5W	T16x35 15S	5			DC-1.90kg AC-2.29kg	● R-Red ● A-Amber ● G-Green
		DC24V	24V5W	T16x35 15S	6				
		AC110V	12V5W	T16x35 15S	5				
		AC220V	12V5W	T16x35 15S	5				

- 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

※ Max.built-in volume feature is based on WS-Ch1 / WM-Ch4 / WA-Ch5.

※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.

※ Please refer to [Sound tone and combination for standard product] on this catalogue for detailed sound tone specification.

Light source/signal sound current(based on 1 layer)

Voltage	DC12V	DC24V	AC110V	AC220V
Light source current(1 layer)	0.490A	0.350A	0.100A	0.050A
Signal sound current	0.210A	0.130A	0.075A	0.050A

Stackable Cube Tower Lights with Built-in Alarm

SJD Series



SJDL / SJDS

SJDL Stackable Cube Tower Lights

Model number	Layer	Voltage	Sound pattern and volume	Certificates	Weight	Color
SJDL	1	DC12V-24V	·WS-5 Warning sounds : Max.90dB ·WM-5 Melodies : Max.90dB ·WA-5 Alarms: Max.85dB ·WV-5 Customizable sounds: 79-85dB	-	1.63kg	● R-Red
		AC110V				
		AC220V				
	2	DC12V-24V			1.80kg	● R-Red ● G-Green
		AC110V				
		AC220V				
	3	DC12V-24V			2.04kg	● R-Red ● A-Amber ● G-Green
		AC110V				
		AC220V				

- 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

Light source/signal sound current(based on 1 layer)

Voltage	DC12V-24V	AC110V	AC220V
Light source current(1 layer)	Max.0.185A	0.080A	0.040A
Signal sound current	Max.0.210A	0.075A	0.050A

SJDS Stackable Cube Tower Lights

Model number	Layer	Voltage	Sound pattern and volume	Certificates	Weight	Color
SJDS	1	DC12V-24V	·WS-5 Warning sounds : Max.90dB ·WM-5 Melodies : Max.90dB ·WA-5 Alarms: Max.85dB ·WV-5 Customizable sounds: 79-85dB	-	1.25kg	● R-Red
		AC110V			1.66kg	
		AC220V			1.66kg	
	2	DC12V-24V			1.45kg	● R-Red ● G-Green
		AC110V			1.84kg	
		AC220V			1.84kg	
	3	DC12V-24V			1.64kg	● R-Red ● A-Amber ● G-Green
		AC110V			2.03kg	
		AC220V			2.03kg	

- 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

※ Max.built-in volume feature is based on WS-Ch1 / WM-Ch4 / WA-Ch5.

※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.

※ Please refer to [Sound tone and combination for standard product] on this catalogue for detailed sound tone specification.

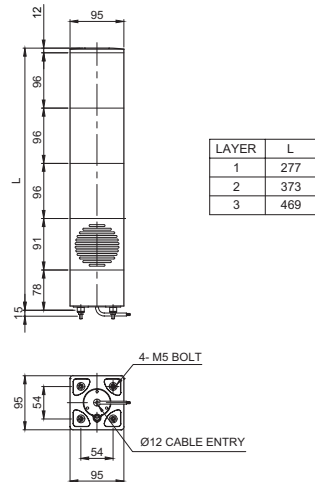
Light source/signal sound current(based on 1 layer)

Voltage	DC12V-24V	AC110V	AC220V
Light source current(1 layer)	Max.1.260A	0.210A	0.110A
Signal sound current	Max.0.210A	0.075A	0.050A



Technical Diagram

Units: mm



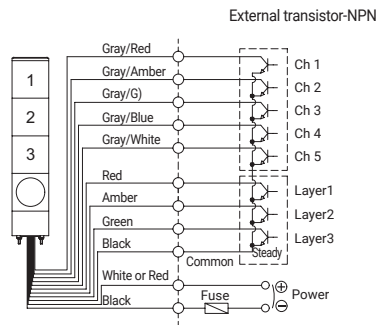
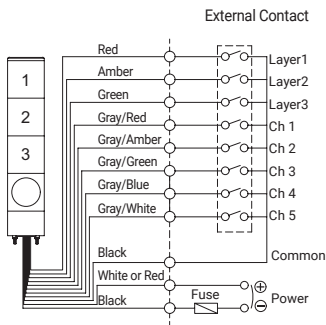
Do not apply a voltage to each signal line. It may cause damage to the product

- SJD 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

·SJD / SJDL / SJDS-DC/AC

·SJDL-DC/AC



Wiring Instructions

- External Power line - UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line - UL1007 AWG22(0.3sq) 400mm
- SJD model: Black output line is negative(-).

Customization

- Customized color arrangements available

Ordering Specification

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