

# SJ series

## Cubic Stackable Warning/ Signal Lights



SJ



SJP



### Common Specifications(SJ/ SJL)

- Beautiful appearance from stacking 95×95mm cubed tower lights
- Multi signal transmission in space of 1 signal light
- Built-in buzzer available (Volume Max 90dB at 1m)
- Standard color
  - 1Layer - ● Red
  - 2Layers - ● Red ● Green
  - 3Layers - ● Red ● Yellow ● Green
- Materials : Lens-AS, Housing-ABS, Reflector-Heat resistant ABS
- Protection rating : IP44
- Certificates : CE Compliant



### SJ/ SJP Bulb Revolving Tower Warning/ Signal Lights

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

Model number	Layer	Voltage	Current	Bulb			Certificates	Weight	Color	
				Spec	Standard	Parts no				
SJ SJP	1	DC12V	0.488A	12V5W	T16x35 15S	5	CE	0.65kg	● R-Red	
		DC24V	0.310A	24V5W	T16x35 15S	6		0.65kg		
		AC110V	0.102A	12V5W	T16x35 15S	5		-		0.83kg
		AC220V	0.051A	12V5W	T16x35 15S	5		-		0.83kg
	2	DC12V	0.968A	12V5W	T16x35 15S	5	CE	0.89kg	● R-Red ● G-Green	
		DC24V	0.620A	24V5W	T16x35 15S	6		0.89kg		
		AC110V	0.146A	12V5W	T16x35 15S	5		-		1.15kg
		AC220V	0.073A	12V5W	T16x35 15S	5		-		1.15kg
	3	DC12V	1.453A	12V5W	T16x35 15S	5	CE	1.18kg	● R-Red ● A-Amber ● G-Green	
		DC24V	0.930A	24V5W	T16x35 15S	6		1.18kg		
		AC110V	0.191A	12V5W	T16x35 15S	5		-		1.28kg
		AC220V	0.095A	12V5W	T16x35 15S	5		-		1.28kg

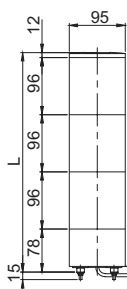


### Technical Diagram

(Units : mm)

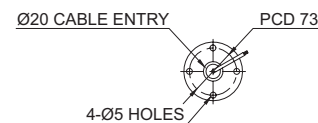
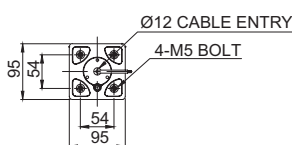
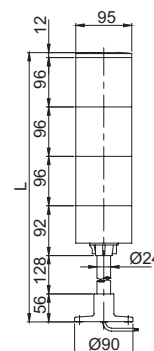
SJ/ SJL

SJP/ SJLP



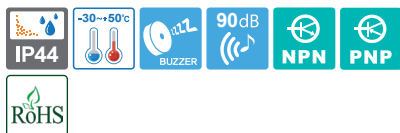
LAYER	L
1	186
2	282
3	378

LAYER	L
1	384
2	480
3	576



# SJ series

## Cube-shaped Stackable Warning/ Signal Lights



SJL



SJLP



### Please note for installation

- SJL/ SJLP type can be wired with external contacts and transistor.
- Wiring to transistor, use the NPN transistor. Please wire properly based on technical diagram.
- **SJ/ SJP used bulb can not be connected by using transistors. Please use the external contacts.**



## SJL/ SJLP LED Steady/ Flashing Tower Signal Lights

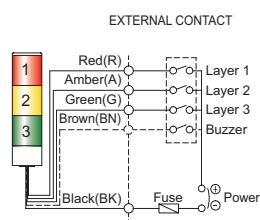
- Strong LED signal light emitted through the 96mm height diffusion lens
- Fixed lens colors
- Flashing rate : 60-80 flashes/min
- Ambient operation temperature : -30°C to +50°C
- Compliant with RoHS directive

Model number	Layer	Voltage	Current	Certificates	Weight	Color
SJL SJLP	1	DC12V-24V	Max.0.185A	-	0.63kg	● R-Red
		AC110V	0.065A		0.80kg	
		AC220V	0.030A		0.80kg	
	2	DC12V-24V	Max.0.365A		0.76kg	● R-Red ● G-Green
		AC110V	0.080A		1.03kg	
		AC220V	0.040A		1.03kg	
3	DC12V-24V	Max.0.545A	1.01kg	● R-Red ● A-Amber ● G-Green		
	AC110V	0.095A	1.24kg			
	AC220V	0.045A	1.24kg			

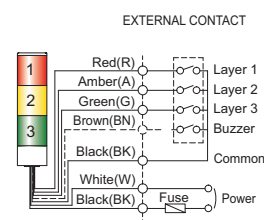


### Wiring Instructions

#### SJ(P)/ SJL(P)-DC

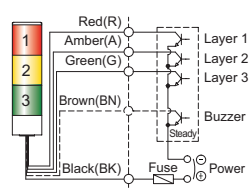


#### SJ(P)/ SJL(P)-AC

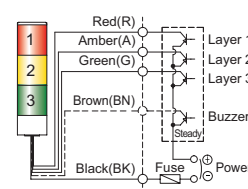


#### SJL(P)-DC

#### EXTERNAL TRANSISTOR-NPN



#### EXTERNAL TRANSISTOR-PNP



- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- Signal line : UL1007 AWG22(0.3sq) 400mm
- SJ, SJP type : Black output line is negative(-)



### Customization

- 4 layers available upon request
- Lens colors arrangement except for standard
- 2 buzzer sound types : Both prolonged(beep, beep) and staccato(beep, beep, beep) buzzer output available
- Xenon lamp strobe type(model number : SJS/SJSP)



### Ordering Specification

SJL	BZ	3	220	RAG
[Model number]	[Buzzer option]	[Layer]	[Voltage]	[Color]
<ul style="list-style-type: none"> <li>• SJ</li> <li>• SJP</li> <li>• SJL</li> <li>• SJLP</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> <li>• No buzzer</li> <li>• BZ</li> <li>• Built-in buzzer</li> </ul>	<ul style="list-style-type: none"> <li>• 1-1Layer</li> <li>• 2-2Layers</li> <li>• 3-3Layers</li> </ul>	<ul style="list-style-type: none"> <li>• 12-DC12V</li> <li>• 24-DC24V</li> <li>• 12/24-DC12V-24V (SJL, SJLP only)</li> <li>• 110-AC110V</li> <li>• 220-AC220V</li> </ul>	<ul style="list-style-type: none"> <li>• ● R-Red</li> <li>• ● A-Amber</li> <li>• ● G-Green</li> </ul>