

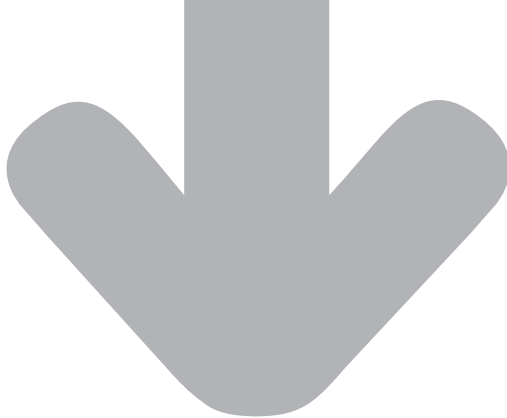


Juno® Quick Jack LED Directional Fixtures

Stylish accent lighting in a miniature
energy-efficient package



JUNO LIGHTING GROUP
by Schneider Electric



Juno® Quick Jack LED Directionals...



Tiny fixtures that make a big impression

Now you can have stylish, effective accent lighting in a miniaturized, energy-efficient package. Juno's new Quick Jack LED Directional Fixtures have all the style and pizzazz for which Juno is famous, but require just 6 watts to approximate the output of 20-watt MR11 halogen. That equates to about one-third the energy consumption of halogen; and with a 50,000 hour service life, they provide 10 times the longevity.

Juno LED Directionals are so small, they fit in the palm of your hand. They are offered in three stunningly attractive shade designs and a multitude of color combinations. Luminous glass shades are available in blue, frost, amber, or clear. A metal shade is available in satin nickel finish. And a unique perforated-metal shade comes in either black, blue, chrome, red or yellow. The fixtures themselves are available in a rich satin nickel finish. There's an ideal combination of color and style to complement any décor.



The versatile performer with an accent

Juno LED Directionals produce brilliant accent lighting for a wide variety of applications. Hospitality, retail, residential... these fixtures are perfect for illuminating artwork, merchandise displays, menu boards, architectural details, and so much more. They add even greater versatility by offering three beam spreads—spot, narrow flood and flood, plus three color temperatures of 2700K, 3000K and 4100K.

When it comes to mounting options, the accent is on flexibility. Juno LED Directionals utilize our proprietary Quick Jack system for installation on Juno Quick Jack MonoPoints, powered by Juno® LED-approved 12V AC transformers. Adapters are also available for mounting on line voltage Juno MonoLine® and Juno Trac-Master® systems, as well as Juno Flex 12™ and Trac 12™. The application possibilities are virtually limitless.



Eco-smart illumination



With energy savings of over 60% compared to incandescent, Juno LED Directionals are already an environmentally responsible lighting solution... but that's just part of the "eco" story. Since LEDs have no IR emissions, there is no projected heat, meaning less energy is needed for air conditioning. And since LEDs have no toxic mercury, lead, or PCBs, there are no disposability issues that could affect the environment.

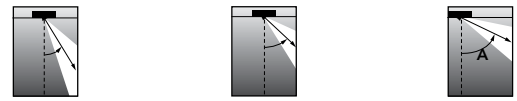
With Juno Quick Jack LED Directionals, eco-smart is also economically smart. Reduced energy consumption saves you money, and the elimination of special disposal procedures reduces operating expense. The long service life – over 10 years in typical commercial installations – reduces maintenance expenditures, and LED's lack of UV emissions protects sensitive materials from costly damage. Saving our environment and saving money... it's the ultimate win-win scenario.

Photometric Data

Horizontal Aiming Angles



Vertical Aiming Angles



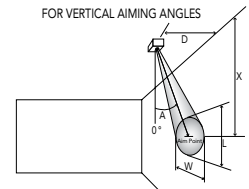
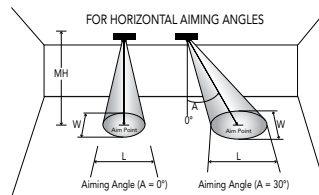
Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°					30°					30°					45°					60°				
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W	D	FC	X	L	W				
SP992-3K-SP SP995-3K-SP Spot	SP	16°	50000	1292	2	323	0.6	0.6	210	0.8	0.6	1	162	1.7	1.2	0.6	457	1.0	0.6	0.4	2	210	1.2	0.8	0.6				
					4	81	1.1	1.1	52	1.5	1.3	2	40	3.5	2.4	1.1	114	2.0	1.1	0.8	3	93	1.7	1.1	1.0				
					6	36	1.7	1.7	23	2.3	1.9	3	18	5.2	3.6	1.7	51	3.0	1.7	1.2	4	52	2.3	1.5	1.3				
					8	20	2.2	2.2	13	3.0	2.6	4	10	6.9	4.8	2.2	29	4.0	2.3	1.6	5	34	2.9	1.9	1.6				
					10	13	2.8	2.8	8	3.8	3.2	5	6	8.7	6.0	2.8	18	5.0	2.9	2.0	6	23	3.5	2.3	1.9				
SP992-3K-NFL SP995-3K-NFL Narrow Flood	NFL	22°	50000	764	2	191	0.8	0.8	124	1.0	0.9	1	96	1.7	1.8	0.8	270	1.0	0.8	0.5	1	496	0.6	0.5	0.4				
					4	48	1.6	1.6	31	2.1	1.8	1.5	42	2.6	2.6	1.2	120	1.5	1.2	0.8	2	124	1.2	1.0	0.9				
					6	21	2.3	2.3	14	3.1	2.7	2	24	3.5	3.5	1.6	68	2.0	1.6	1.1	3	55	1.7	1.6	1.3				
					8	12	3.1	3.1	8	4.2	3.6	2.5	15	4.3	4.4	1.9	43	2.5	2.0	1.4	4	31	2.3	2.1	1.8				
					10	8	3.9	3.9	5	5.2	4.5	3	11	5.2	5.3	2.3	30	3.0	2.4	1.6	5	20	2.9	2.6	2.2				
SP992-3K-FL SP995-3K-FL Flood	FL	38°	50000	340	2	85	1.4	1.4	82	4.3	3.5	0.5	170	0.9	2.1	0.7	481	0.5	0.8	0.5	1	221	0.6	1.0	0.8				
					3	38	2.1	2.1	25	2.9	2.4	1	43	1.7	4.3	1.4	120	1.0	1.6	1.0	2	55	1.2	1.9	1.6				
					4	21	2.8	2.8	14	3.8	3.2	1.5	19	2.6	6.4	2.1	53	1.5	2.3	1.5	3	25	1.7	2.9	2.4				
					5	14	3.4	3.4	9	4.8	4.0	2	11	3.5	8.6	2.8	30	2.0	3.0	1.9	4	14	2.3	3.8	3.2				
					6	9	4.1	4.1	6	5.7	4.8	2.5	7	4.3	10.7	3.4	19	2.5	3.9	2.4	5	9	2.9	4.8	4.0				

For 2700K fixtures, use 0.95 multiplier; for 4100K fixtures, use 1.11 multiplier.

The beam spread in degrees and the beam "L" and "W" in the following tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



- Lumileds LUXEON™ Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- Miniature package consumes only 6W but generates more than 200 usable lumens
- Available in spot, narrow flood and flood beam spreads
- Warm 2700K and 3000K or higher efficiency, cooler 4100K white phosphor high performance LEDs offer choices for a variety of applications
- Precise color binning and mixing for superior fixture-to-fixture color consistency
- 2700K, 3000K and 4100K color temperatures provide 85 CRI typical
- Dimmable with Juno Lighting Group qualified dimmers
- Five year warranty

LUXEON is a registered trademark of Philips Lumileds Lighting Company



(shown actual size)

SP992 Reno

Fully adjustable Quick Jack LED Cylinder fixture with a unique perforated shade in several colors with a coordinating silicone ring to finish off the shade. 12V AC input with 6W power consumption. Not for use on 24V systems. Dimmable.

Model	Shade	Color Temp	Beam Spread	Hardware Finish	Shade Finish	Example
SP9	92	2	S	STN	BLK	SP992-2S-STN-BLK
		2 2700K	S Spot	STN Satin Nickel	BLK Black	
		3 3000K	NFL Narrow Flood		BLU Blue	
		4 4100K	FL Flood		CHR Chrome	
					RED Red	
					YEL Yellow	



- 50,000 hour service life
- 2700K, 3000K & 4100K color temperatures
- Eco-smart and economically smart
- Dimmable



(shown actual size)



SP995 Vegas

Fully adjustable Quick Jack LED Cylinder fixture with a sleek cylindrical shade that comes in glass or satin nickel plated steel. The glass shade illuminates when the fixture is on. 12V AC input with 6W power consumption. Not for use on 24V systems. Dimmable.

Model	Shade	Color Temp	Beam Spread	Hardware Finish	Shade Finish	Example
SP9	95	2	S	STN	AMB	SP995-2S-STN-AMB

- | | | | | | | | |
|---|-------|------------|--------------|------------|--------------|------------|--------------|
| 2 | 2700K | S | Spot | STN | Satin Nickel | AMB | Amber |
| 3 | 3000K | NFL | Narrow Flood | | | BLU | Blue |
| 4 | 4100K | FL | Flood | | | CLR | Clear |
| | | | | | | FRT | Frost |
| | | | | | | STN | Satin Nickel |



Additional Juno® Trac literature available



Juno® Trac Lighting



Juno® LED Mini-Pendants



Juno® LED Decorative Pendants



Juno® LED Wall Wash/Flood Fixtures



Juno® Mini-Flood & LED Mini Cylinder Spotlight



Juno® Trac 12 Linear LED Lighting



Juno® Cylindra LED Track Lighting

for more information on Juno Quick Jack LED Directional Fixtures visit:

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