

PROJECT

 DATE

 COMMENTS


RoHS Compliant

IN STOCK

ENERGY CHART

APERTURE DIAMETER inches	DELIVERED LUMENS	WATTAGE	EFFICACY lm/w
3	850	10	85
3	1620	18	90

ORDERING LOGIC

EX: SPUR-3-10-30-TR-24-RO-R

FAMILY	SIZE	WATTAGE	CCT	DIMMING	BEAM ANGLE	TRIM	INSTALL TYPE
SPUR	3						
	3 3"	10 10W	30 3000K	TR* Triac	24 24°	RO Round Open	R Retrofit
		18 18W	40 4000K	010** 0-10V	36 36°	SO Square Open	NC New Construction
					60 60°	ARO Adjustable Round Open	
						ASO Adjustable Square Open	

ORDERING NOTE

* Triac Dimming available with 120V only.

** 0-10V Dimming available with 100-277V only.

SPUR 3" ARCHITECTURAL DOWNLIGHT LED

The SPUR is a low profile 3" LED downlight that combines outstanding performance with easy, tool-free installation. Modular components feature a twist and lock mechanism for a simple and quick installation in both new and retrofit applications. With 90+ CRI, exceptional chromaticity and superior illumination, the SPUR is ideal for architectural, commercial, and residential projects alike.

- Residential
- Commercial
- Hospitality

PHYSICAL

Material	Die-Cast Aluminum
Mounting	Recessed
Lens	Polycarbonate
Trim	Round Open, Square Open, Adjustable Round Open, Adjustable Square Open
Finish	White
Source	Bridgelux COB LED

PERFORMANCE

Warranty	5 years
Certifications	IC Rated (10W), Damp Location, cULus
Rated Life	50,000 hours
Operating Temperature	-10°C to 40°C (14°F to 104°F)
CCT	3000K, 4000K
CRI	90+
Beam Angle	24°, 36°, 60°

ELECTRICAL

Wattage	10W, 18W
Voltage	120V, 100-277V
Power Factor	>0.9
Dimmable	0-10V, Triac



SPECIFICATIONS
OPTICS

Classic reflector design provides high transmittance. It delivers optical control and anti-glare visual performance with side facula and fade-out facula. The MR16 standard size (diameter 1.96") design makes them widely practical for retrofit and new construction applications. Available in 24°, 36°, 60° beam angles.

TRIM FINISH

Powder coat white paint provides uniform finish long term performance, and superior aesthetic.

ELECTRICAL

LED Driver: Powered by Class 2 high efficiency 100-277V LED driver with standard 0-10V dimming that continuously dims to 10% and works with many types of controls. Or optional 120VAC driver with Triac dimming is available.

Tested Dimmers: Lutron ® Diva-Dvtv, Leviton ® IP-710-DL.

THD: <20%

Power Factor: >0.9

MOUNTING

Twist & Lock mechanism for easy trim installation.

Durable tension clips enable fast and easy flush installation.

LED SYSTEM

Outstanding illumination and color quality with tight chromaticity specification and color binning process to ensure CRI and CCT are consistent between luminaires.

CRI: 90+ color rendering index.

CCT: 3000K, 4000K

Thermal Management: Aluminum housing acts as the heat sink to maximize life. The temperature of all heatsinks are controlled at 60-70°C.

CHIP

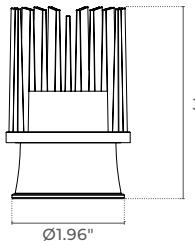
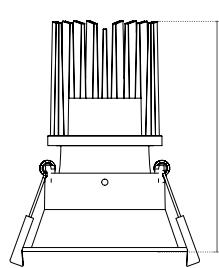
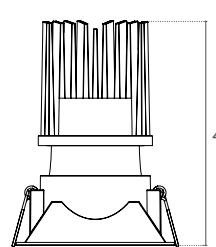
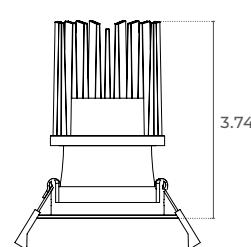
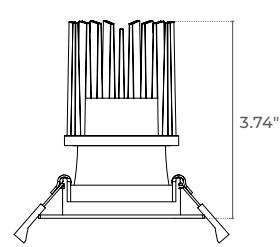
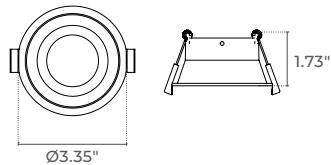
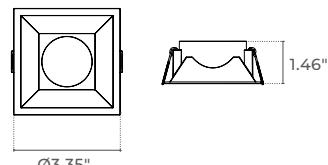
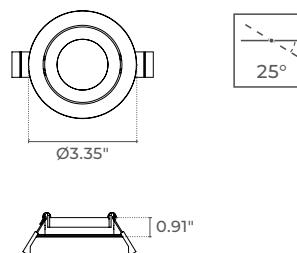
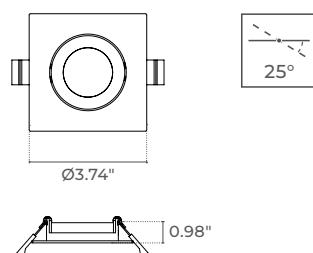
Powered by Bridgelux high efficiency COB LED chip.

WARRANTY

5-year limited warranty.

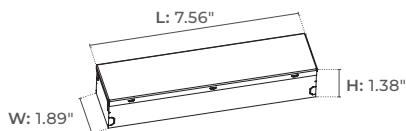
APPROVALS

- cULus listed for damp locations.
- 5 years limited warranty.

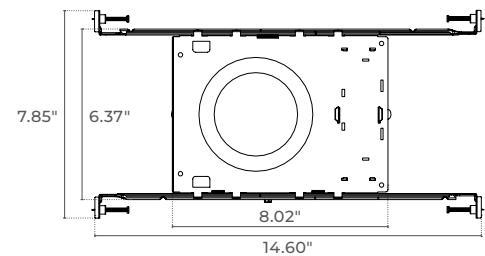
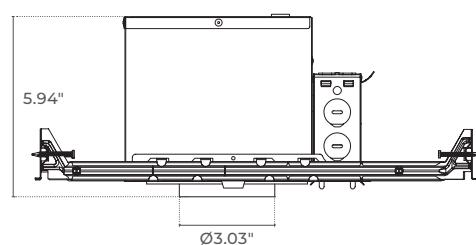
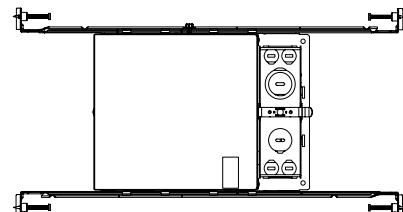
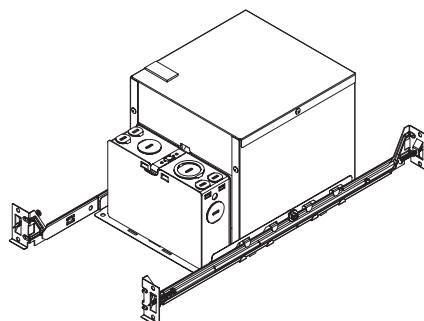
DIMENSIONS
Engine & Optic Dimensions

Overall Height in Retrofit Applications (Engine, Optic, & Trim)
ROUND OPEN TRIM

SQUARE OPEN TRIM

ADJUSTABLE ROUND OPEN TRIM

ADJUSTABLE SQUARE OPEN TRIM

Trim Dimensions
ROUND OPEN TRIM
 $\varnothing 2.95\text{"-}3.03\text{"}$ Cutout

SQUARE OPEN TRIM
 $\varnothing 2.95\text{"-}3.03\text{"}$ Cutout

ADJUSTABLE ROUND OPEN TRIM
 $\varnothing 2.83\text{"-}2.95\text{"}$ Cutout

ADJUSTABLE SQUARE OPEN TRIM
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LED DRIVER

For Retrofit



For New Construction


TRIMS

ROUND OPEN TRIM



SQUARE OPEN TRIM

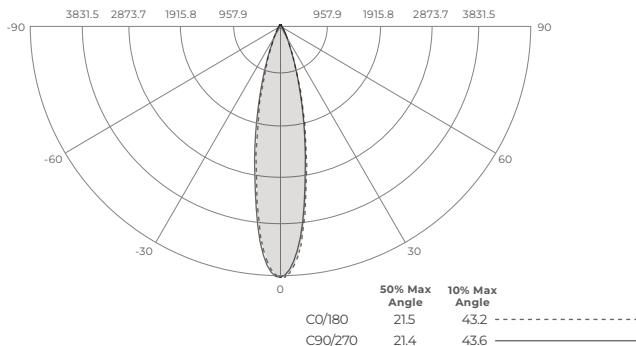
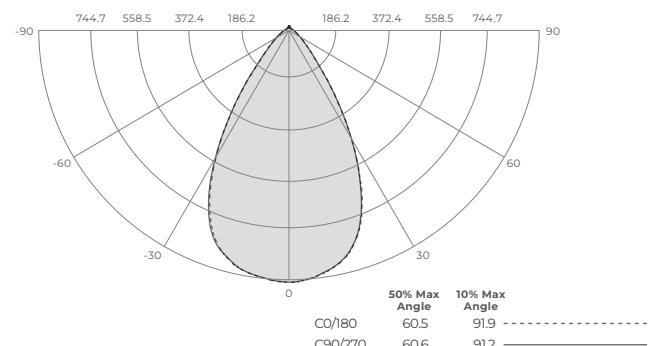
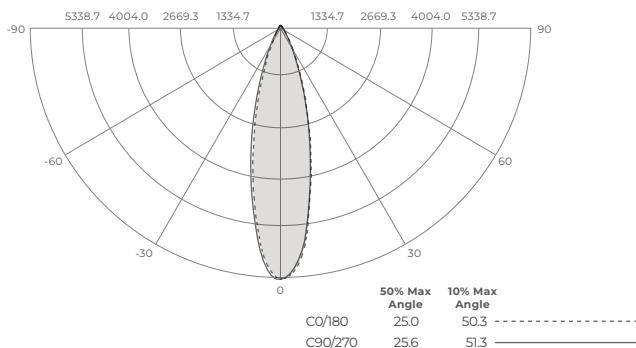
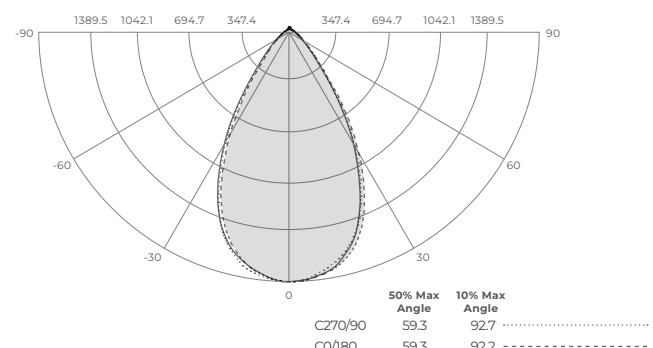


ADJUSTABLE ROUND OPEN TRIM



ADJUSTABLE SQUARE OPEN TRIM



PHOTOMETRICS - 10W - 24° - 3000K

SPUR 3" ARCHITECTURAL DOWNLIGHT LED
PHOTOMETRICS - 10W - 60° - 3000K

PHOTOMETRICS - 18W - 24° - 3000K

PHOTOMETRICS - 18W - 60° - 3000K

ADDITIONAL IMAGERY

ENGINE

ENGINE & OPTICS

ENGINE, OPTICS & TRIM
