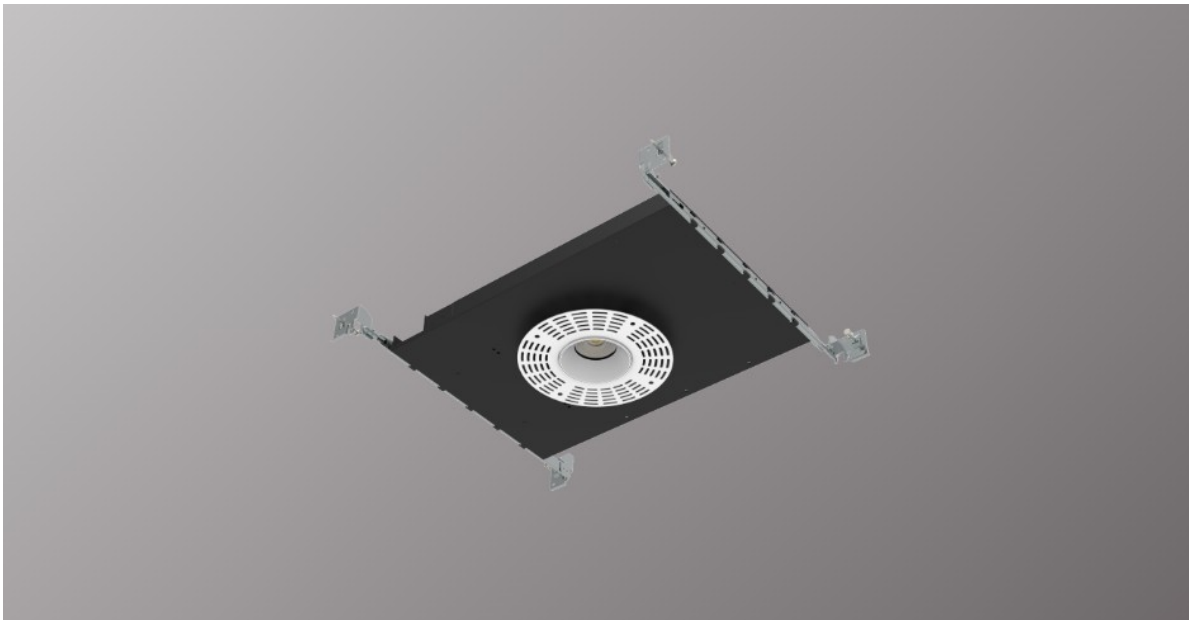


Project:	Type:
	Comments:



Highlights

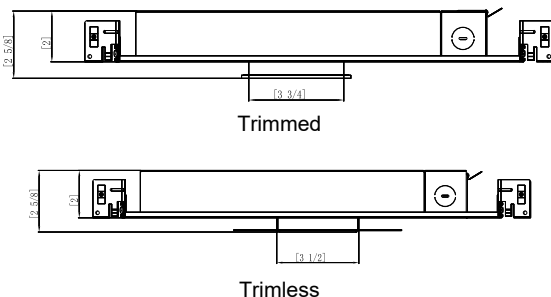
SD-R-3 Series are specification grade shallow downlights, featuring simple look, high efficacy and high-quality components. Designed for new construction recessed applications, available in wide variety of color temperatures and lumen outputs, as well as multiple trim and reflector finish options. Great lighting solution for any modern interior.

LED: Cree-LED Chips, 2700-6000K, 90+CRI

Optical: 12°, 24° and 36° beam angle options

Construction: 3" round aperture, high grade steel 2.5" shallow housing, frosted Perspex diffuser, integral driver, powder coat finish, trimmed or trimless, damp location listed

Cross Section



Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Optics	Wattage	Color Temp.	Beam Angle	Voltage
TECHOLED-SD-R-3-D-10-27-12-U	Direct	10W	2700K	12°	110-277V

Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

1-FIXTURE ID	2-OPTICS	3-WATTAGE	4-COLOR TEMPERATURE
SD-R-3 SDR-3	D Direct	10 10W 16 16W 23 23W	27 2700K 30 3000K 40 4000K 50 5000K 60 6000K

5-BEAM ANGLE	6-VOLTAGE	7-FINISH	8-TRIM
12 12° 24 24° 36 36°	U 110-277V	W White B Black C Custom (RAL#)	F Flanged TL Trimless

9-DRIVER OPTIONS	10-OPTIONS
DM 0-10V Dimming DM1% 1% Dimming LT1 LDE1 Lutron 1% LT2 DFC Lutron Vive RF LT3 FCJ Lutron ECO LT4 FCJ Lutron PowPak LT5 DFC Lutron Vive BM BubblyNet BT Mesh DA Dali X None	EM EM Battery (remote) X None

Project:	Type:
	Comments:

Driver Option Details

Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
LT2	RFJ/FCJS-010 - Lutron RF PowPak (0-10V)
LT3	DFCSJ-OEM-RF - Lutron Vive In-Fixture Control (RF only)
LT4	DFCSJ-OEM-OCC - Lutron Vive In-Fixture Control (with daylights & occ/vac sensors)
LT5	FCJ/FCJS-ECO - Lutron Wireless PowPak (EcoSystem)
BM	Bluetooth Mesh Smart Wireless Control by BubblyNet

Options (cont.) Details

Code	Description
EM	Emergency Battery Backup (remote)

Lumen Output

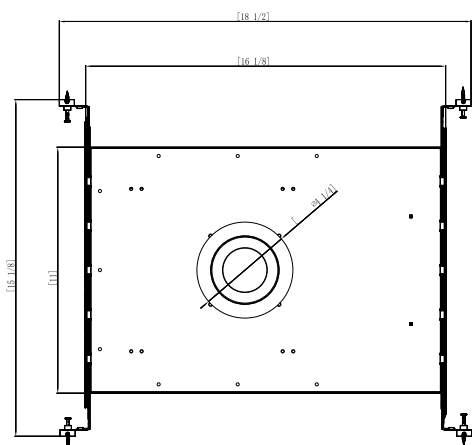
Model #	Size	Wattage	Distribution	Color Temp.	Lumen Output
TECHOLED-SD-R-3-D-10-30-12-U	3"	10W	Direct	3000K	900Lm
TECHOLED-SD-R-3-D-16-30-12-U	3"	16W	Direct	3000K	1440Lm
TECHOLED-SD-R-3-D-23-30-12-U	3"	23W	Direct	3000K	2070Lm

Performance above applies to 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

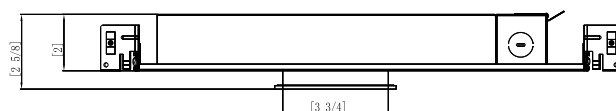
Project:	Type:
	Comments:

Product detail

SD-R-3 Trimmed

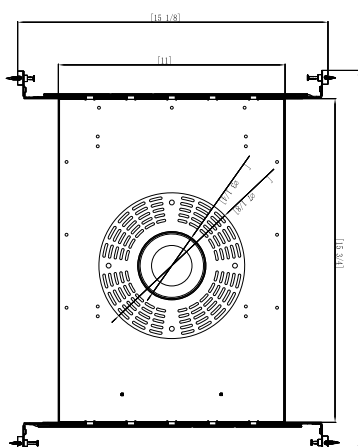


Dimensions

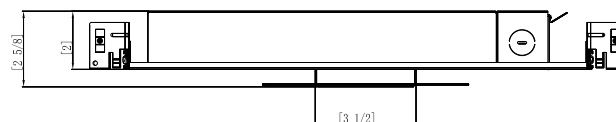


Cross Section

SD-R-3 Trimless



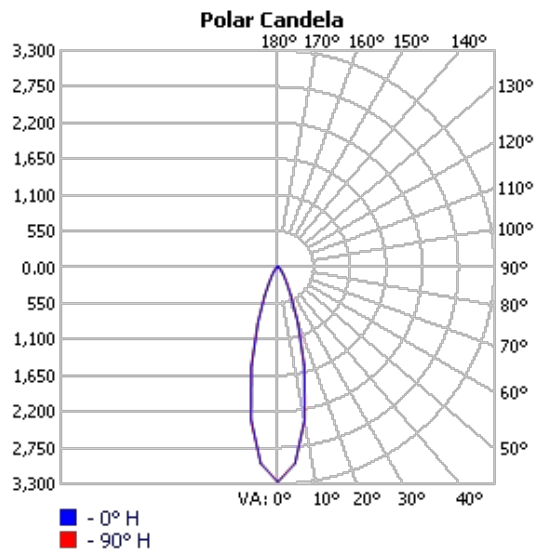
Dimensions



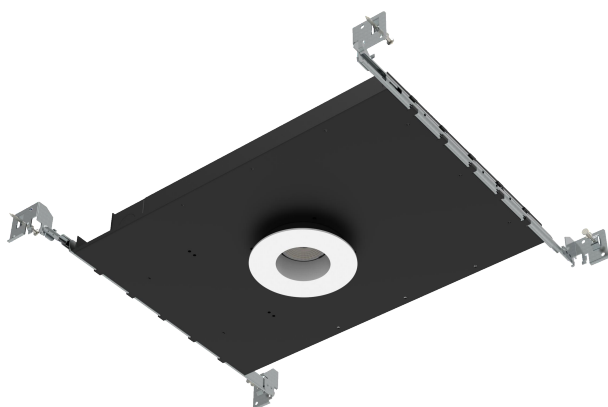
Cross Section

Project:	Type:
	Comments:

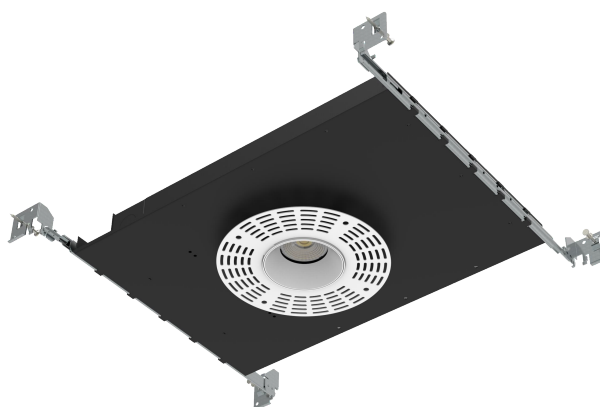
Photometrics



Mounting Option



Trimmed

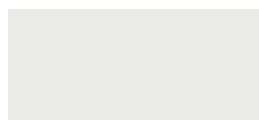


Trimless

Project:	Type:
	Comments:

 Finish Details (powder coat finish)

 Standard Colors (Trim)



W – White



B – Black

 Custom Colors



RAL 1003



RAL 2004



RAL 3000



RAL 4001



RAL 5002



RAL 6000



RAL 6038



RAL 7001



RAL 1036



RAL 8029

Any RAL color available, please refer to ralcolorchart.com