techoLED®
BROOKLYN • NY

DL-R-6 SERIES

Rev. Date: 09/18/2026

Project:	Type:
	Comments:



Highlights

DL-R-6 Series are specification grade downlights, featuring simple look, high efficacy and high-quality components. Designed for new construction recessed applications, available in wide variety of color temperature and lumen outputs, as well as multiple trim and reflector finish options. Great lighting solution for any modern interior.

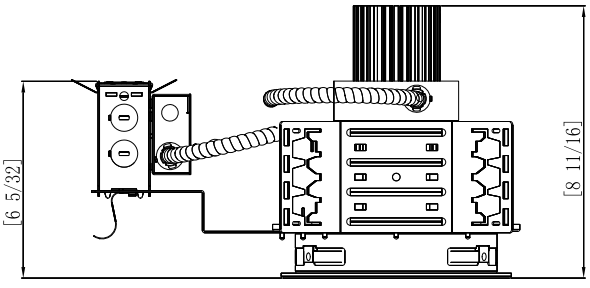
LED: Samsung LED Chips, 2700-5000K, 80CRI (90CRI optional)

Optical: 6” aperture, 60° Beam angle

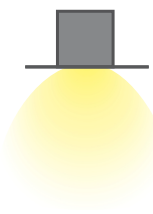
Construction: High grade aluminum and sheet metal construction, Integral driver, Powder coat finish

5-year limited warranty

Cross Section



Installation



Recessed
(R)

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Configuration Example

Model #	Lens	Reflector	Output	Color Temp.	Voltage
TECHOLED-DL-R-6-CR-C-20-27-U	Clear Tempered	Clear	20W	2700K	110-277V

Ordering Guide:

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

1-FIXTURE ID		2-LENS		3-REFLECTOR		4-OUTPUT	
DL-R-6	DL-R-6	CR	Clear Tempered	C	Clear	20	20W
		SM	Sand Blasted	HZ	Haze	25	25W
				W	White	30	30W
						32	32W
						32H	32W (107Lm/W)

5-COLOR TEMP.		6-VOLTAGE		7-TRIM		8-FRAME OPTIONS	
27	2700K	U	120-277V	SFB	Self-flanged Black	CB	C-Channel Bar Hanger
30	3000K			SFW	Self-flanged White	FB	Flat Bar Hanger
35	3500K			TL	Trimless	WB	Wood Joist Bar Hanger
40	4000K						
50	5000K						

9-DRIVER OPTIONS		10-OPTIONS	
DM	0-10V Dimming	EM	EM Battery (remote)
DM1%	1% Dimming	X	None
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		

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

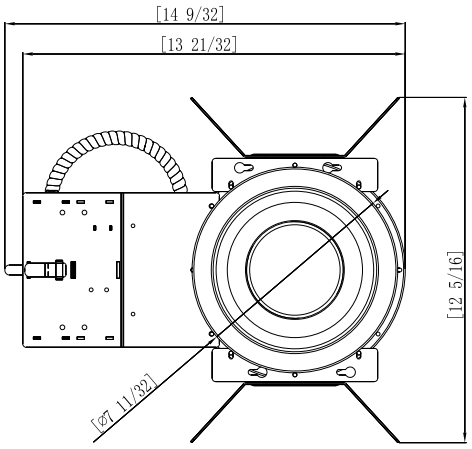
Model #	Size	Wattage	Color Temp.	Lumen Output
TECHOLED-DL-R-6-CR-HZ-20	6"	20W	3000K	2000Lm
TECHOLED-DL-R-6-CR-HZ-25	6"	25W	3000K	2500Lm
TECHOLED-DL-R-6-CR-HZ-30	6"	30W	3000K	3000Lm
TECHOLED-DL-R-6-CR-HZ-32	6"	32W	3000K	3424Lm

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

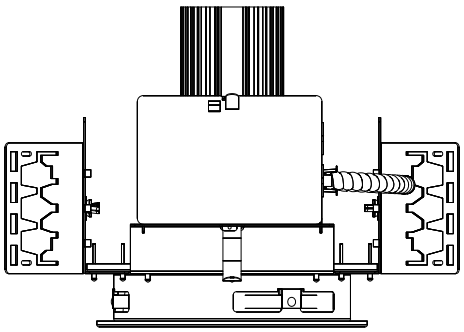
Project:	Type:
	Comments:

Product detail

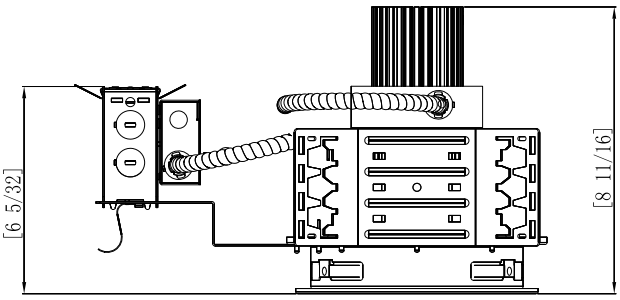
DL-R-6



Dimensions



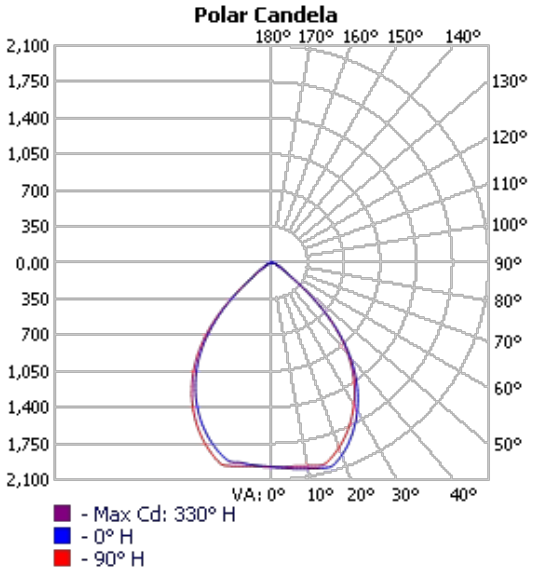
Technical Details



Cross Section

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	Comments:

Photometrics



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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