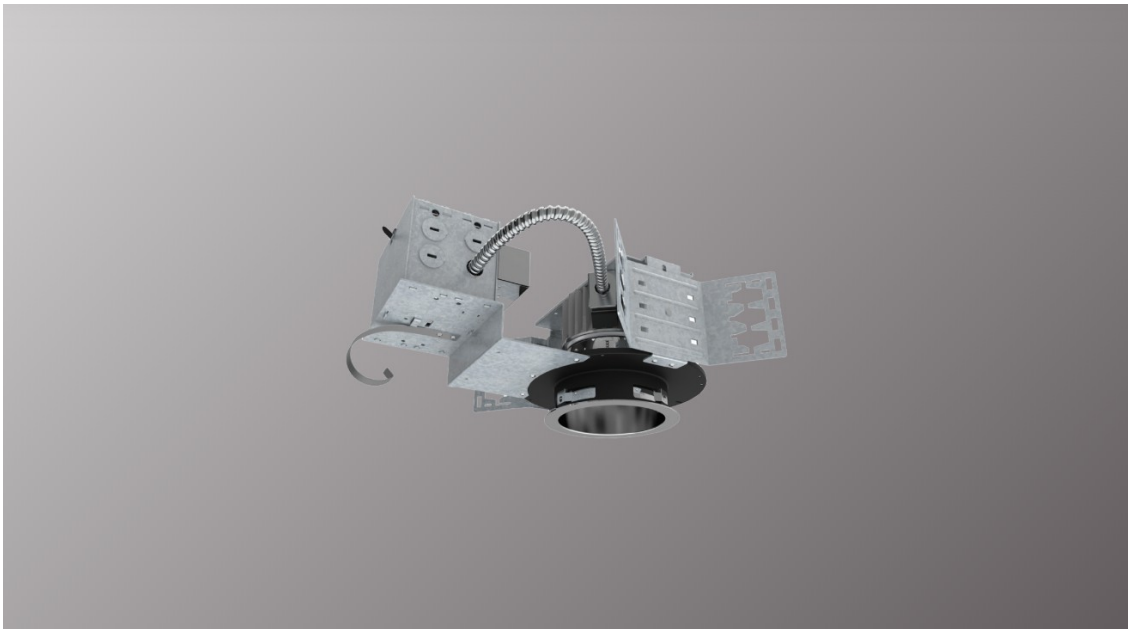
techoLED®
BROOKLYN • NY

DL-R-4 SERIES

Rev. Date: 09/18/2026

Project:	Type:
	Comments:



Highlights

DL-R-4 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.

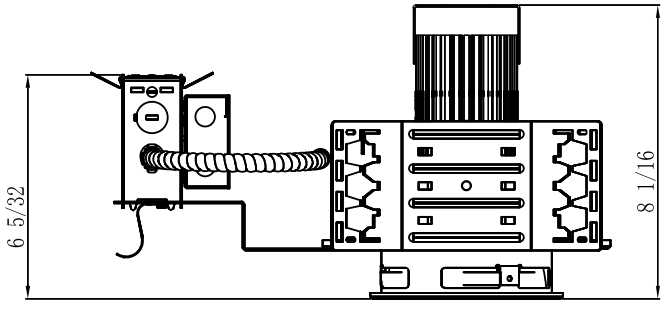
LED: Samsung LED Chips, 2700-5000K, 80CRI (90CRI optional)

Optical: 4” aperture, 60° Beam angle

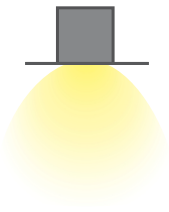
Construction: High grade aluminum and sheet metal construction, Integral driver, Powder coat finish

5-year limited warranty

Cross Section



Installation



Recessed
(R)

techoLED®
BROOKLYN • NY

DL-R-4 SERIES

Rev. Date: 09/18/2026

Project:	Type:
	Comments:

Configuration Example:

Model #	Lens	Reflector	Output	Color Temp.	Voltage
TECHOLED-DL-R-4-CR-C-11-27-U	Clear Tempered	Clear	11W	2700K	110-277V

Ordering Guide:

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

1-FIXTURE ID	
DL-R-4	DL-R-4

2-LENS	
CR	Clear Tempered
SM	Sand Blasted

3-REFLECTOR	
C	Clear
HZ	Haze
W	White

4-OUTPUT	
11	11W
15	15W
18	18W
25	25W

5-COLOR TEMP.	
27	2700K
30	3000K
35	3500K
40	4000K
50	5000K

6-VOLTAGE	
U	120-277V

7-TRIM	
SFB	Self-flanged Black
SFW	Self-flanged White
TL	Trimless

8-FRAME OPTIONS	
CB	C-Channel Bar Hanger
FB	Flat Bar Hanger
WB	Wood Joist Bar Hanger

9-DRIVER 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

10-OPTIONS	
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

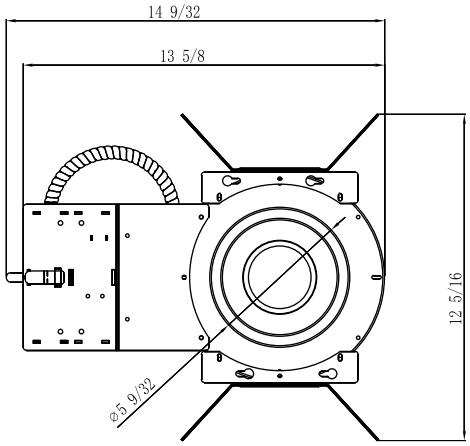
Model #	Size	Wattage	Color Temp.	Lumen Output
TECHOLED-DL-R-4-CR-HZ-11	4"	11W	3000K	1100Lm
TECHOLED-DL-R-4-CR-HZ-15	4"	15W	3000K	1500Lm
TECHOLED-DL-R-4-CR-HZ-18	4"	18W	3000K	1800Lm
TECHOLED-DL-R-4-CR-HZ-25	4"	25W	3000K	2500Lm

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

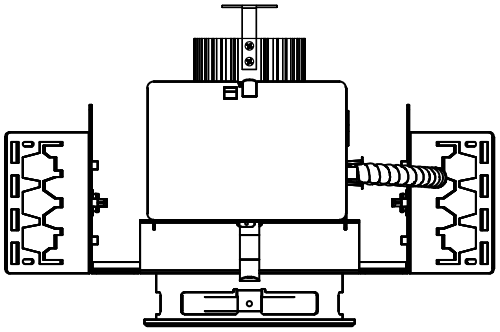
Project:	Type:
	Comments:

Product detail

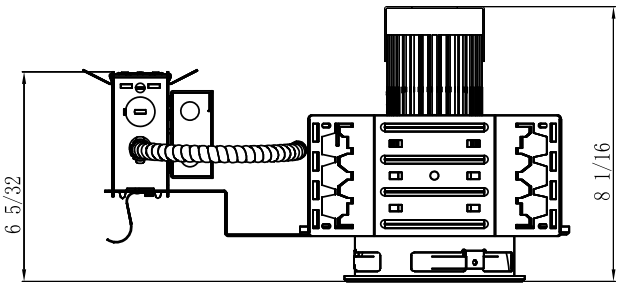
DL-R-4



Dimensions



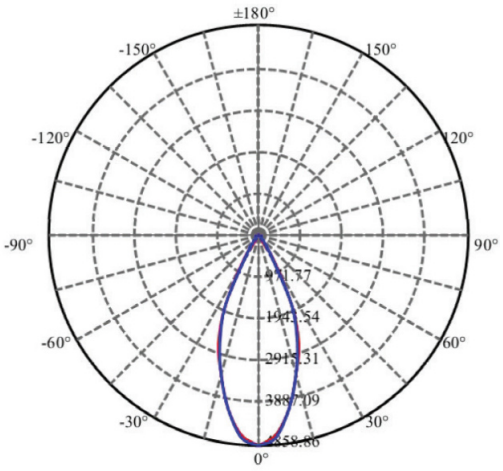
Technical Details

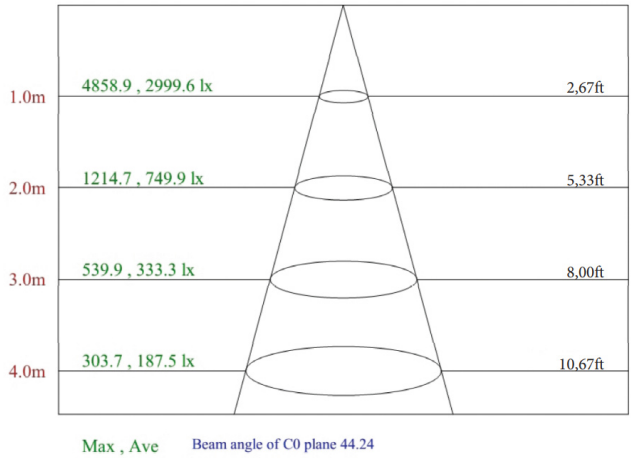


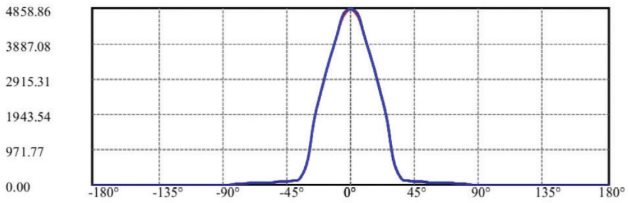
Cross Section

Project:	Type:
	Comments:

Photometrics







C0(Max):
C0/C180:
C90/C270:

Field angle(10%Imax):C0/180Left:31.8 Right:31.8
:C90/270Left:32.1 Right:32.1
Beam Angle(50%Imax):C0/180Left:21.4 Right:21.4
:C90/270Left:21.4 Right:21.4

techoLED®
BROOKLYN • NY

DL-R-4 SERIES

Rev. Date: 09/18/2026

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