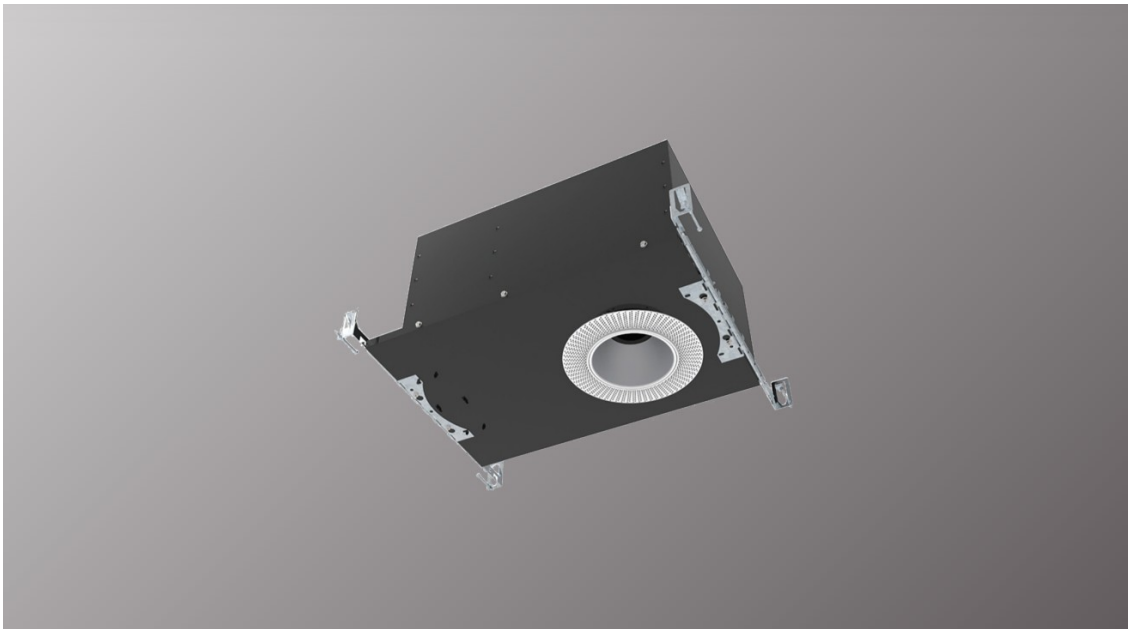
techoLED®
BROOKLYN • NY

DL-R-G SERIES - GIMBAL DOWNLIGHT

Rev. Date: 09/18/2026

Project:	Type:
	Comments:



Highlights

DL-R-G Series are specification grade, 4” aperture gimbal 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 for illuminating walls, signage and products.

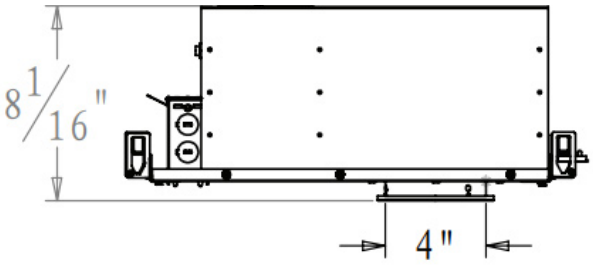
LED: Samsung LED Chips, 2700-5000K, 80CRI (90CRI optional)

Optical: Adjustable 360° horizontally and 30° vertically

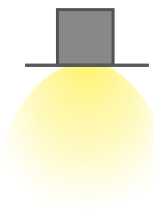
Construction: High grade aluminum and sheet metal construction, Integral driver, Powder coat finish

5-year limited warranty

Cross Section



Installation



Recessed
(R)

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DL-R-G SERIES - GIMBAL DOWNLIGHT

Rev. Date: 09/18/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Optics	Wattage	Color Temp.	Beam Angle	Voltage
TECHOLED-DL-R-G-A-12-27-12-U	Adjustable/Gimbal	12W	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	
DL-R-G	DL-R-G	A	Adjustable/Gimbal	12	12W	27	2700K
		V	Vertical	15	15W	30	3000K
		W	Wall Wash	20	20W	35	3500K
						40	4000K
						50	5000K

5-BEAM ANGLE		6-VOLTAGE		7-VOLTAGE		8-TRIM	
12	12°	U	110-277V	U	110-277V	WT	White Trim
24	24°					BT	Black Trim
36	36°					TL	Trimless
54	54°						

9-DRIVER OPTIONS		10-OPTIONS		11-OPTIONS (CONT.)	
DM	0-10V Dimming	IC	IC Rated	EM	EM Battery (remote)
DM1%	1% Dimming	X	Non IC Rated	X	None
LT1	LDE1 Lutron 1%				
LT2	DFC Lutron Vive RF				
LT3	FCJ Lutron ECO				
X	None				
LT4	FCJ Lutron PowPak				
LT5	DFC Lutron Vive				
BM	BubblyNet BT Mesh				
DA	Dali				

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

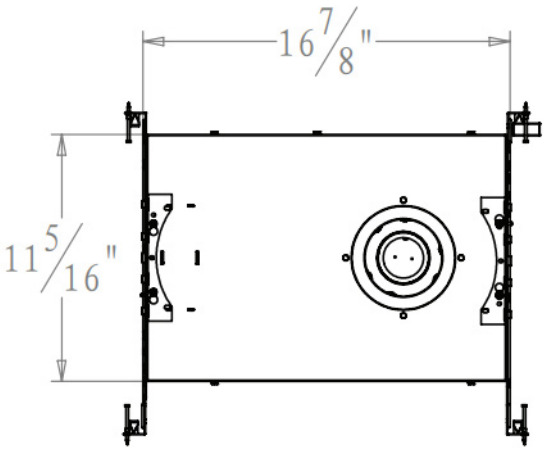
Model #	Size	Wattage	Distribution	Color Temp.	Lumen Output
TECHOLED-DL-R-G-A-12	4"	12W	Adjustable/Gimbal	3000K	1200Lm
TECHOLED-DL-R-G-A-15	4"	15W	Adjustable/Gimbal	3000K	1500Lm
TECHOLED-DL-R-G-A-20	4"	20W	Adjustable/Gimbal	3000K	2000Lm

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

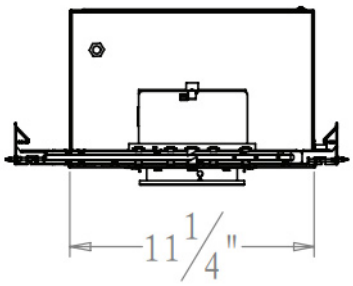
Project:	Type:
	Comments:

Product detail

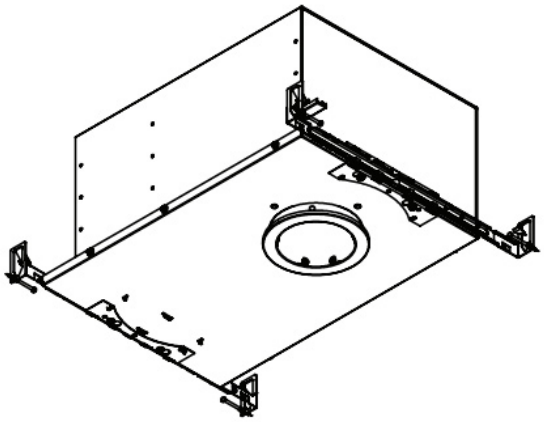
DL-R-G



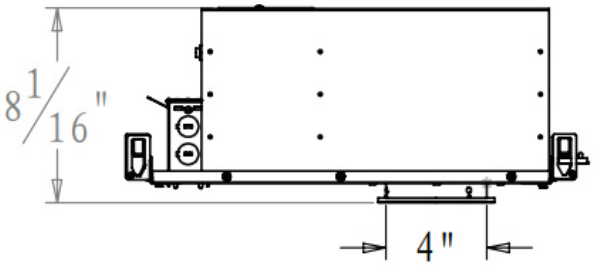
Dimensions



Technical Details



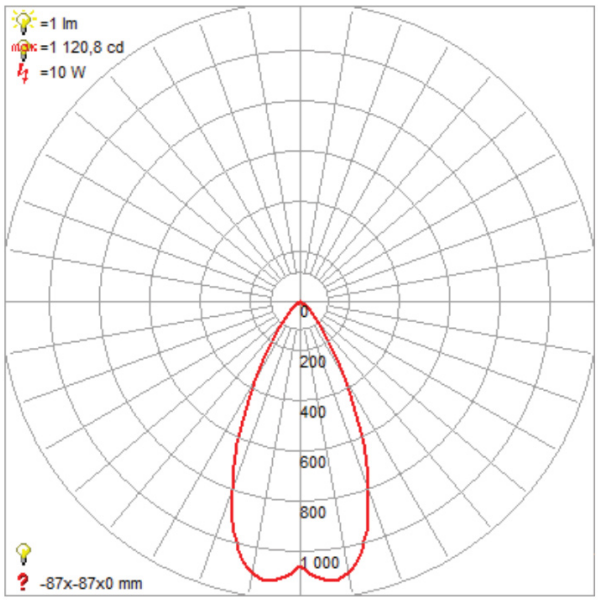
Mounting



Cross Section

Project:	Type:
	Comments:

Photometrics



Project:	Type:
	Comments:

Finish Details (powder coat finish)

Standard Colors (Trim)

W – White


B – Black

Standard Colors

W – White


B – Black

SN - Satin Nickel

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

Project:	Type:
	Comments:

Optics Option



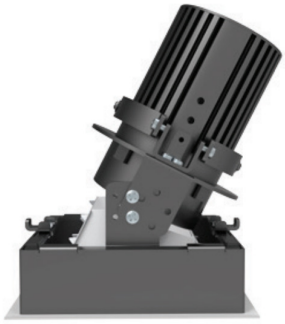


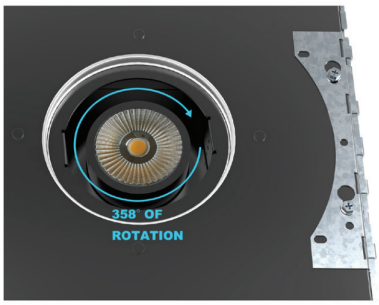




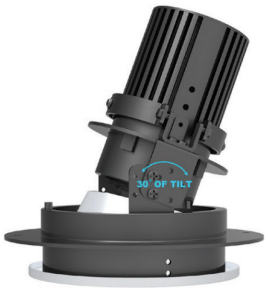






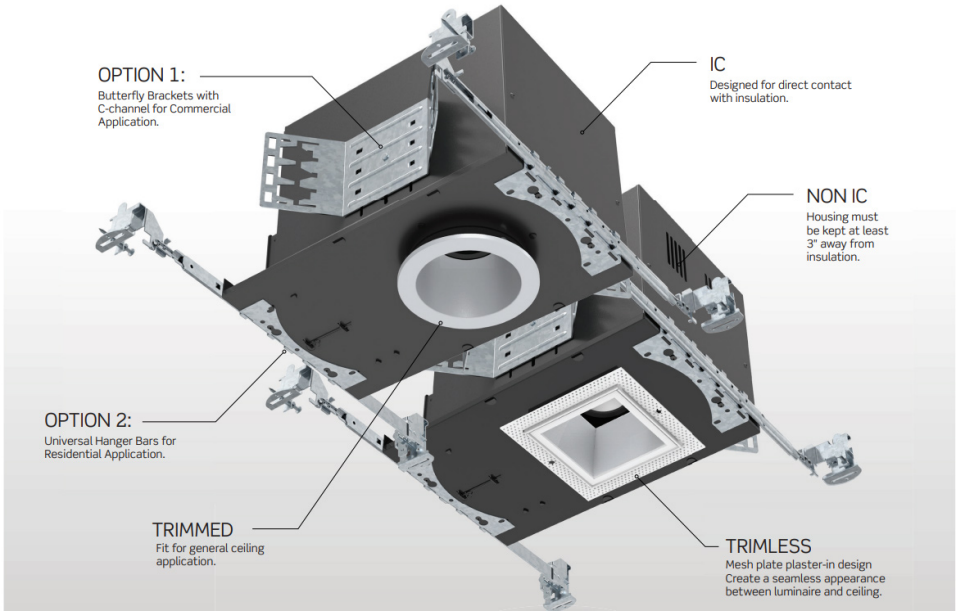


358° of rotation



30° of tilt

Project:	Type:
	Comments:



Project:	Type:
	Comments:

IC Options

