

Direct-to-Ceiling LED Downlight – Recessed



OVERVIEW

With its simple snap-in installation, the Direct-to-Ceiling (DtC) Recessed LED Downlight allows for installation in drywall and drop ceilings without the need for a junction box. This downlight is designed with a baffled trim that reduces glare and delivers general room lighting.

PROJECT:	PRODUCT #:
TYPE:	DATE:
PREPARED BY:	AUTHORIZED BY*:
COMMENTS:	

FEATURES

- Baffle design minimizes glare and provides a welcoming illumination to any room.
- Simple snap-in installation is fast and easy.
- Remote driver enables installation in drywall and drop ceilings without junction box.
- Dimmable, see recommended dimmers at Kichler.com
- 5-year warranty
- Available in two color temperatures (2700K & 3000K) to coordinate with the look and feel of the room.

SPECIFICATIONS

ELECTRICAL

Input Voltage	120Vac
Input Voltage Range	108Vac-132Vac
Input Frequency	60Hz
Power	See Data Table
Power Factor	>0.9
Surge	2.5kV ringwave
Connector	Push-in quick connects AC; Screwlock DC terminal

PHOTOMETRICS

Light Source	LED Backlit
Color Temperature(s)	2700K/3000K
Color Rendering Index (CRI)	>90, R9>50
Dimmable	Yes
Lumen Packages	See Data Table
Lumens Per Watt (LPW)	>60LPW

RATINGS & CERTIFICATIONS

Safety Rating	Wet
Installation Requirements	Wet Indoor Covered Ceiling; Damp Outdoor Covered Ceiling (Not for coastal environments)
Operating Ambient Temperature	0-40°C
Lumen Maintenance	L70 at 50,000 Hrs
Safety Certification	cETLus
Energy Star	Yes
T24	Yes
IC Rated	Yes
FCC	CFR 47, FCC Part 15, Subpart B:2017

MECHANICAL

Dimensions	See Dimension Table
IP Rating	IP-54

MOUNTING

Direct to ceiling via spring clips

OPTICS

Backlit

WARRANTY

5 Year

ACCESSORIES

See Accessories

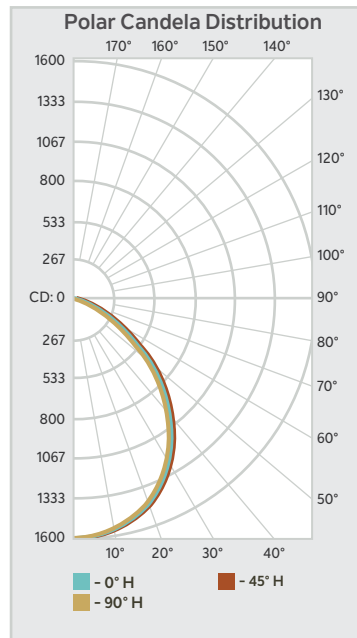
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LUMEN Data Table – Recessed

Shape	Size (Inches)	Watts	Lumens	
			2700K	3000K
Round	4	11.5W	700	
	6	13W	900	
Square	4	11.5W	700	
	6	13W	900	

Photometric Diagrams

DLRC04R2790WHT



	Illuminance at a Distance		Beam Width	
	Center Beam fc	Beam Width		
1.3 ft	223 fc	2.7 ft	2.7 ft	
2.7 ft	51.6 fc	5.6 ft	5.7 ft	
4.0 ft	23.5 fc	8.3 ft	8.4 ft	
5.3 ft	13.4 fc	11.1 ft	11.1 ft	
6.7 ft	8.38 fc	14.0 ft	14.0 ft	
8.0 ft	5.88 fc	16.7 ft	16.8 ft	

■ Vert. Spread: 92.4°
■ Horiz. Spread: 92.7°

DtC Recessed Ordering Matrix

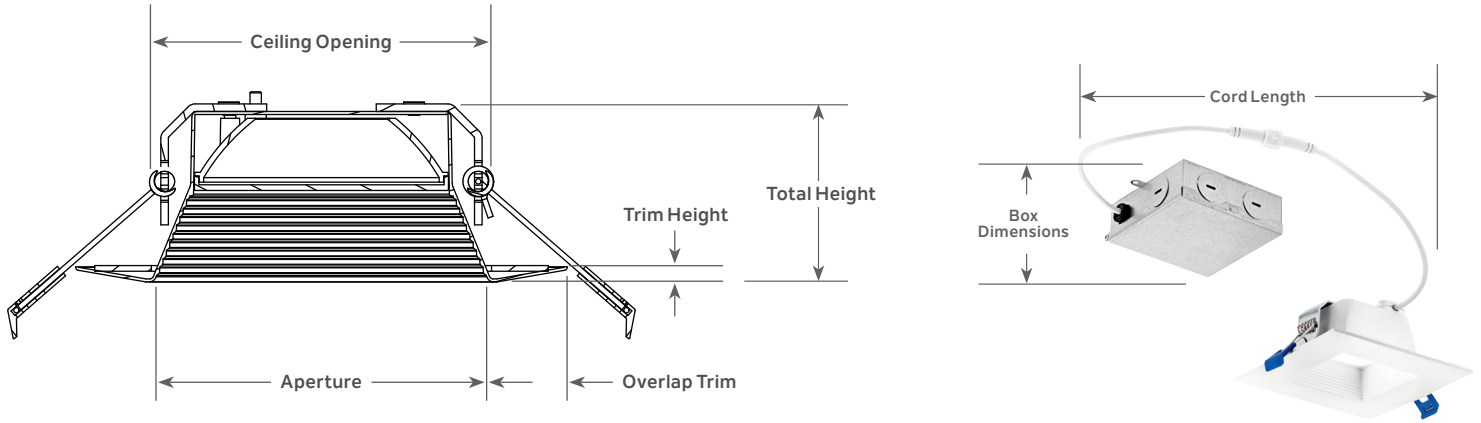
Family	Type	Size		Shape		CCT		CRI	Finish
DL Downlight	RC Recessed	04	4 inch	R	Round	27	2700K	90 90 CRI	WHT Textured White
				S	Square	30	3000K		
		06	6 inch	R	Round	27	2700K		
				S	Square	30	3000K		

To form a complete product number, combine:

Family + Type + Size + Shape + CCT + CRI + Finish = **DL RC 04 R 30 90 WHT**

A 2" Mini Recessed fixture is also available. See items DLMN02R2790WHT or DLMN02R3090WHT for complete specifications.

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Dimension Table

	Aperture (in/mm)	Ceiling Opening (in/mm)	Overlap Trim (in/mm)	Trim Height (in/mm)	Total Height (in/mm)
4" Round	3.44 / 87.5	4.0 / 101.6	0.84 / 21.3	0.157 / 3.9	1.85 / 47.10
4" Square	2.69 / 68.3	4.0 / 101.6	1.12 / 28.3	0.098 / 2.5	1.89 / 48.00
6" Round	4.98 / 126.5	5.25 / 133.4	1.21 / 30.7	0.157 / 3.9	1.94 / 49.30
6" Square	4.11 / 104.4	6.0 / 153	1.59 / 40.3	0.098 / 2.5	1.89 / 48.00

	Cord Length (total in/mm)	Box Dimensions LxWxH (in/mm)
4" Round	17.72 / 450	L 3.54 / 90, W 3.47 / 88.70, H 1.21 / 30.75
4" Square	16.93 / 430	L 3.54 / 90, W 3.47 / 88.70, H 1.21 / 30.75
6" Round	18.11 / 460	L 3.54 / 90, W 3.47 / 88.70, H 1.21 / 30.75
6" Square	17.72 / 450	L 3.54 / 90, W 3.47 / 88.70, H 1.21 / 30.75

ACCESSORIES

Trim Ring Matrix

		Fixture Models			
		4" Round Recessed	4" Square Recessed	6" Round Recessed	6" Square Recessed
		DLRC04Rxx90WHT	DLRC04Sxx90WHT	DLRC06Rxx90WHT	DLRC06Sxx90WHT
Trim Models	4" Round Recessed Trim – DLTRC04R Textured Black (BKT), Brushed Nickel (NI)	○			
	4" Square Recessed Trim – DLTRC04S Textured Black (BKT), Brushed Nickel (NI)		○		
	6" Round Recessed Trim – DLTRC06R Textured Black (BKT), Brushed Nickel (NI)			○	
	6" Square Recessed Trim – DLTRC06S Textured Black (BKT), Brushed Nickel (NI)				○

To form a complete trim product number, combine:

Trim + Finish = **DLTRC04R NI**

Additional Accessories (or Components)

Goof Rings	Use With	Rough-In Plate	Use With	Extension Cable (use for all)	Size
DLGR05WH	4" Round	DLRP02ST	4" Round & Square	DLE06WH	6'
DLGR06BWH	6" Round		6" Round & Square	DLE10WH	10'
				DLE20WH	20'