

SPECIFICATION SHEET

The Essential Series Ultra-Thin Downlight combines low-profile design with selectable wattage and 5 CCT tuning for versatile LED lighting performance. Ideal for retrofit and new construction applications, it delivers smooth, uniform illumination with easy installation.



Project:

Location:

Type:

Qty:

Notes:

Ordering Guide

Catalog Number	Size	Wattage Selectable	Lumens Selectable (@40K)	CCT Selectable	Voltage	Finish
ES-DL-4R-S1-WH	4 in	7/9/12W	660/800/1060 lm	27/30/35/40/50K	120-277V	White
ES-DL-6R-S1-WH	6 in	9/12/17W	850/1120/1480 lm	27/30/35/40/50K	120-277V	White
ES-DL-8R-S1-WH	8 in	12/17/23W	1140/1530/1990 lm	27/30/35/40/50K	120-277V	White

Product Highlights

Features

- Field-selectable wattage and 5 CCT.
- Ultra-thin canless design.
- Sensor and emergency options available.
- Suitable for retrofit and new construction applications.

Electrical

- Seamless 0-10V dimming.
- 120-277V universal voltage.
- Flicker-free driver performance.

Certifications

- IC rated for insulated ceilings.
- Suitable for wet locations.
- ETL listed.
- Long-life LEDs rated up to 50,000 hours.
- Backed by a 5-Year warranty.

Specifications

Optical

CCT Selectable	Efficacy (LPW)	CRI	Beam Angle/Distribution
27/30/35/40/50K	≤92	>90	110° ±10°

Electrical

Input Voltage	Input Frequency	Dimming Type	Power Factor	Max THD
120-277V	50/60 Hz	0-10V, 10-100% Range	>0.9	<25%

Mechanical

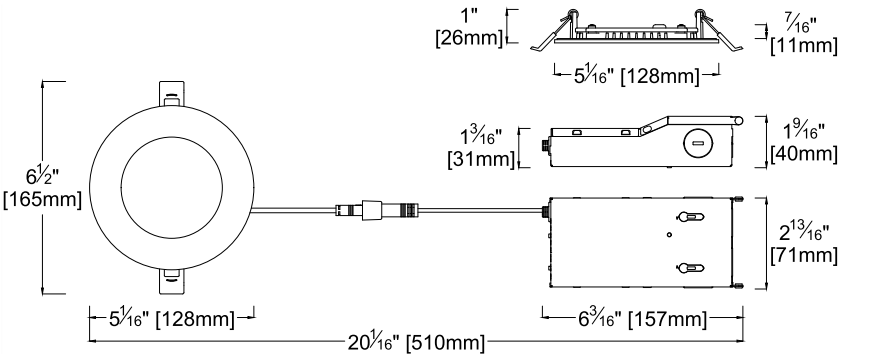
Housing Material	Lens/Diffuser	Finish	Mounting Options
Die-Cast Aluminum Heatsink	PMMA LGP, Anti-Yellow Plastic	White	Canless Recessed

Performance

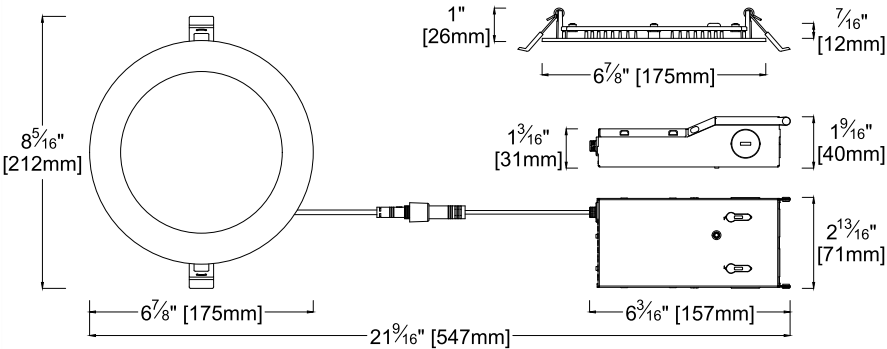
Operating Temperature	Location Rating	Rated Life	Warranty	Driver Efficacy	IC Rated
-25°C to 40°C (-13°F to 104°F)	Wet	>50,000 Hours (L70)	5-Year	≤92%	Yes

Fixture Dimensions

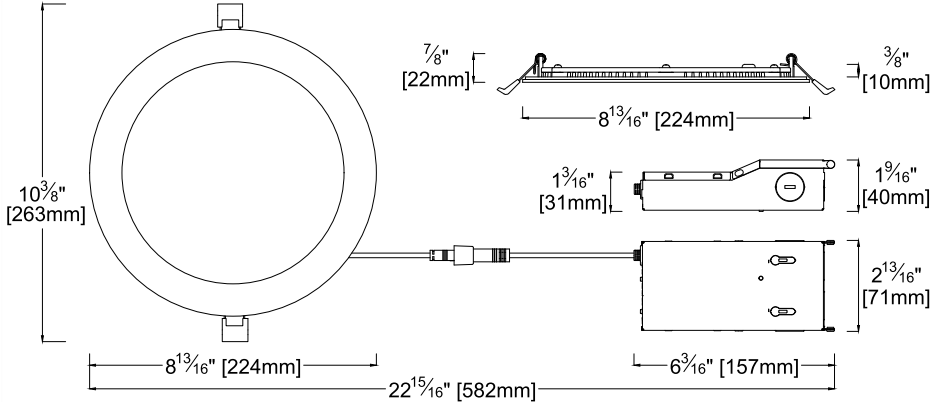
4 Inch



6 Inch



8 Inch



Compatible Accessories

Accessory	New Construction Plate
4"	ACC-DL-NCF-AB
6"	ACC-DL-NCF-AB
8"	ACC-DL-NCF-AB



Photometrics

For IES files and information, please visit Ultra-Thin LED Downlight product page on www.lightfixtureindustries.com