



Certified LED Lights®

Product Data Sheet
Recessed Slim Light



Product Overview

Highly versatile and energy-efficient lighting solution with the following features:

Ultra Slim Design: Lamp thickness of only 0.39 inch.

Color Tunable Technology: Allows users to choose from a range of color temperatures: 2700K (warm white), 3000K (soft white), 3500K (neutral white), 4000K (cool white), and 5000K (daylight).

IC Rated: Certified for direct contact with insulation, making it safe for use in insulated ceilings.

Wet-Location Rated: Suitable for installation in areas exposed to moisture, such as bathrooms, laundry rooms, porches, and garage workspaces.

Available Sizes: Offered in both 4-inch and 6-inch sizes, providing flexible installation options.

This type of fixture can be a great choice for modern homes or commercial spaces, offering both aesthetic appeal and functional versatility. Magic Dual Mode driver available on the 6" model: 0-10V dimming capability @ 277V and Triac dimmable @ 120V. This downlight comes with a 5 year warranty.

An independent laboratory tests our lights and LED components to ensure they meet the IESNA LM-79 and LM-80 standards. LED color temperature is warrantied to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Applications



Garages



Homes



General area



Stairs

* CCT: 5 color temperature selectable in the field

* ETL listed for wet location

* Title 24 - JA8-2022-E

* IC Rated for direct contact with insulation

* 64 to 76 lumens per watt (4 inch)

* 81 to 96 lumens per watt (6 inch)

* Long-life LEDs provide 50,000 hours of operation

* 120V input is standard. Universal 100-277 AC voltage (50-60Hz) is available on 6" magic

* Triac dimming capability is standard. Compatible with most triac dimmers to give user a smooth 100%-10% dimming to choose the desired brightness. 6" DM (Dual- Mode) driver model offers both triac dimmable @ 120V and 0-10V @ 277V dimmable. *

Wet-location rated, ideal for bathrooms, laundry, porches and garage work rooms.

* Edge-lit technology, with no glare or dark spots

Product Warranty



Highlights and Certifications



ETL Listed



Wet Location



JA8 California
Title 24



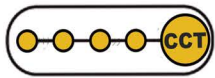
Dual Mode Driver:
0-10V @ 277V and
Triac Dimmable
@120V on 6" model
labeled DM



IC Rated



Triac Dimming on
4" & 6"



Field selectable CCT 5-way switch: 27K,
3K, 35K, 4K 5K

Key Specifications

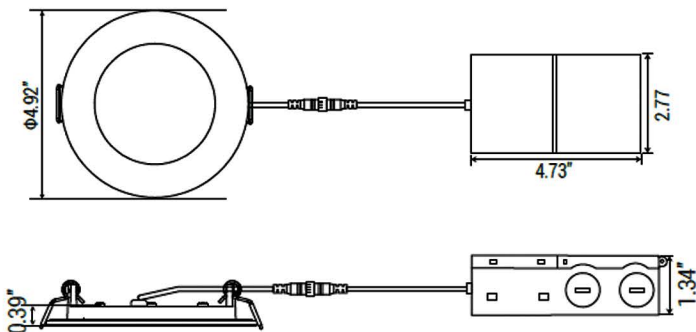
- * CCT: color temperature selectable 27K, 3K, 35K, 4K, 5K
- * Operating temperatures from -4°F to 113°F
- * Storage temperature from -4° F to 158°F
- * Power factor > 0.90
- * THD < 20%
- * CRI > 90
- * Viewing angle: 100 degrees
- * Easy installation in new construction or retrofit. No existing recessed housing or junction box required. Install J-Box in ceiling beam, and insert light right into drywall opening

Performance

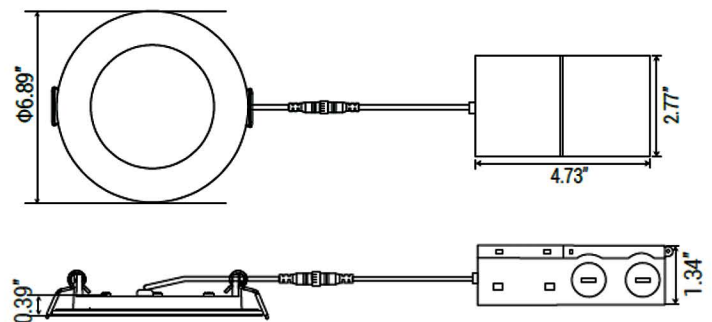
9 Watts		4EJCT09SR05					12 Watts		6EJCT12SR05				
Color	2700	3000	3500	4000	5000		Color	2700	3000	3500	4000	5000	
Lumens	576	621	675	684	576		Lumens	972	1,056	1,140	1,152	1,068	
Lumens / Watt	64	69	75	76	64		Lumens / Watt	81	88	95	96	89	

Dimensions

4" thin wafer light



6" thin wafer light



SIZE	HOLE SIZE)
4inch	4 21/64"
6inch	6 19/64"

Other Characteristics

4" and 6": Easy switch for desired CCT

Rear product view



J box included



Ordering Guide

Model #	PART #	Kelvin Selectable	Lumens	Energy used
4" Triac Dimmable	4EJCT09SR05	27K, 3K, 35K, 4K, 5K	619 TO 701 Lm	9W
6" Triac Dimmable	6EJCT12SR05	27K, 3K, 35K, 4K, 5K	957 to 1010Lm	12W
6" with Dual Mode Driver	6EJCT12SR05-MAGIC	27K, 3K, 35K, 4K, 5K	957 to 1010 Lm	12W

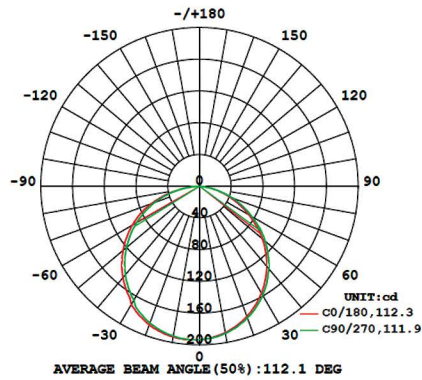
Notes:

- 4EJCT means 4" ; 4EJCT means 6"
- 09, 12 means 9, 12 watts
- SR05 means slim recessed
- MAGIC means Dupli Mode Driver

Photometric Data

4" light 9W @5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



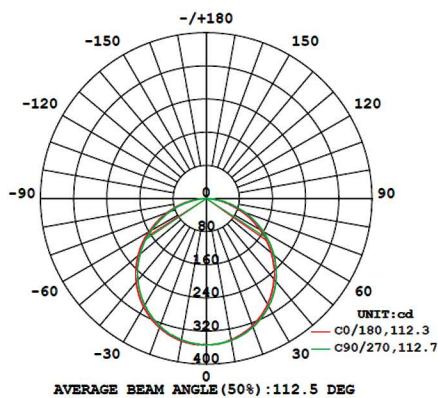
Flux out: 399.9 lm

1m	57.92, 193.7lx	295.98cm
2m	14.48, 48.41lx	591.95cm
3m	6.435, 21.52lx	887.93cm
4m	3.620, 12.10lx	1183.90cm
5m	2.317, 7.746lx	1479.88cm
6m	1.609, 5.379lx	1775.86cm
7m	1.182, 3.952lx	2071.83cm
8m	0.9050, 3.026lx	2367.81cm
9m	0.7150, 2.391lx	2663.78cm
10m	0.5792, 1.937lx	2959.76cm

Height Eavg, Emax Angle: 111.90deg Diameter
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

6" light 12W @5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out: 749.9 lm

1m	100.7, 354.5lx	297.96cm
2m	25.17, 88.63lx	595.93cm
3m	11.18, 39.39lx	893.89cm
4m	6.292, 22.16lx	1191.86cm
5m	4.027, 14.18lx	1489.82cm
6m	2.796, 9.848lx	1787.79cm
7m	2.054, 7.235lx	2085.75cm
8m	1.573, 5.539lx	2383.72cm
9m	1.243, 4.377lx	2681.68cm
10m	1.007, 3.545lx	2979.65cm

Height Eavg, Emax Angle: 112.26deg Diameter
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.