



**Certified LED Lights®**

Product Data Sheet  
Recessed Slim Light



### Product Overview

This integrated 7" and 11" LED surface mount down light is a ultra-thin sleek fixture with smooth white trim. It can be installed directly to most round or octagon junction boxes. Designed for commercial or residential use.

The ultra-thin ceiling light is a remarkable addition to modern lighting solutions, boasting a sleek design with a thickness of just 0.79" (7") to 0.98" (11"). Its die-casting surface ring ensures excellent heat dissipation, promoting longevity and optimal performance. Featuring an innovative fixture design with an infrared sensor interface, this light offers enhanced functionality.

Users can choose from five adjustable color temperatures, providing flexibility to suit various moods and settings. Additionally, the fixture is compatible with most triac dimmers, allowing for seamless dimming from 100% to 10% brightness, ensuring the perfect ambiance for any space.

Constructed with high-quality 120V drivers, this ceiling light prioritizes energy efficiency, and it comes with a five-year warranty, reflecting its durability and reliability.

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
- \* 66 to 85 lumens per watt (7 inch)
- \* 75 to 89 lumens per watt (11 inch)
- \* Long-life LEDs provide 50,000 hours of operation
- \* Ultra bright LED Flush Mount is only 0.79" (7") 0.98 (11") thickness
- \* 120V input is standard.
- \* Triac dimming capability is standard. Compatible with most triac dimmers to give user a smooth 100%-10%
- \* Wet-location rated, ideal for bathrooms, laundry, porches and garage work rooms.
- \* Emits evenly, without halo and shadow
- \* Die-cast trim

### Product Warranty



## Highlights and Certifications



ETL Listed



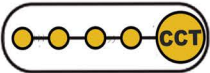
Wet Location



JA8 California  
Title 24



Triac Dimming



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

## Key Specifications

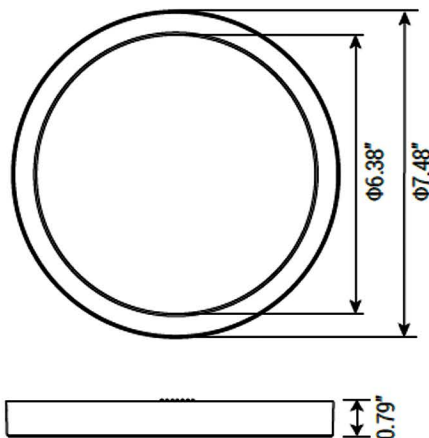
- \* CCT: color temperature selectable 27K, 3K, 35K, 4K, 5K
- \* Operating temperatures from -4°F to 113°F
- \* Storage temperature from -4° F to 158°F
- \* Power factor > 0.90
- \* THD < 20%
- \* CRI > 90
- \* Viewing angle: 120 degrees
- \* Easy installation in new construction or retrofit. Fit 2.75 or 3.5 inch J-Box

## Performance

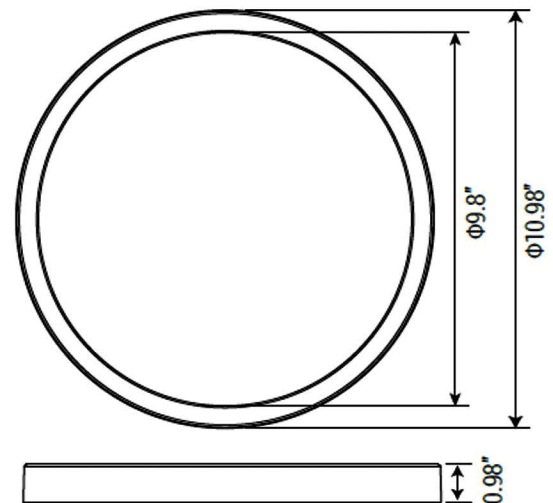
15 Watts		7FMCT15URWH					21 Watts		11FMCT21URWH				
Color	2700	3000	3500	4000	5000		Color	2700	3000	3500	4000	5000	
Lumens	990	1,050	1,275	1,140	1,095		Lumens	1,575	1,680	1,814	1,869	1,806	
Lumens / Watt	66	70	85	76	73		Lumens / Watt	75	80	86	89	86	

## Dimensions

7" Surface Mount Light



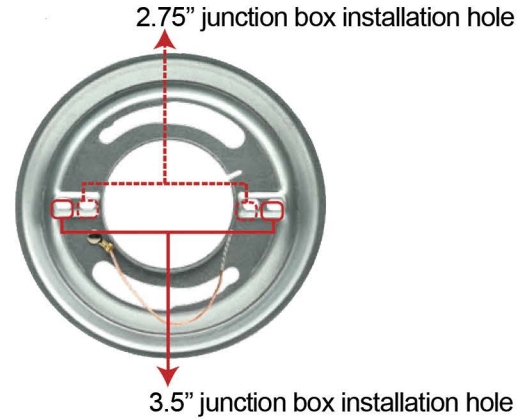
11" Surface Mount Light



## Other Characteristics

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

Mounting Bracket: Multiple apertures for easy installation on any 2.75" or 3.5" junction box



## Ordering Guide

Model #	PART #	Kelvin Selectable	Lumens	Energy used
7" Triac Dimmable	7FMCT15URWH	27K, 3K, 35K, 4K, 5K	949 TO 1135 Lm	15W
11" Triac Dimmable	11FMCT21URWH	27K, 3K, 35K, 4K, 5K	1582 to 1862Lm	21W

### Notes:

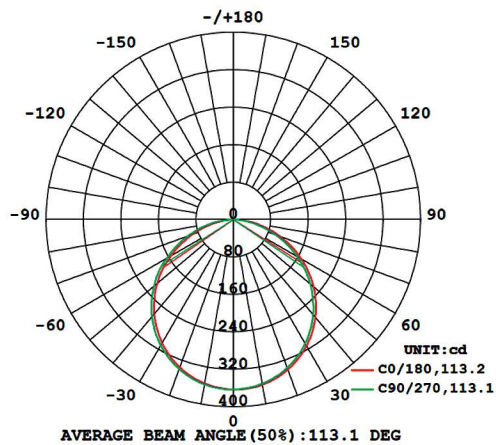
- 7FMCT means 7" surface mount light ; 11FMCT means 11" surface mount light
- 15, 21 means 15, 21 watts
- UR is model type
- WH means white



## Photometric Data

7" light 15W @ 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



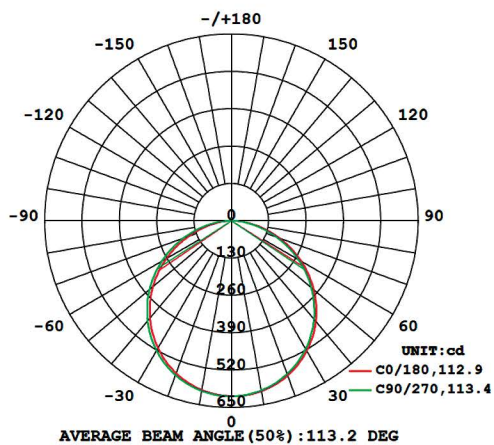
Flux out:774.4 lm

Height	Eavg,Emax	Angle:113.11deg	Diameter
1m	104.0,363.4lx		302.82cm
2m	25.99,90.84lx		605.64cm
3m	11.55,40.37lx		908.46cm
4m	6.498,22.71lx		1211.29cm
5m	4.158,14.53lx		1514.11cm
6m	2.888,10.09lx		1816.93cm
7m	2.122,7.416lx		2119.75cm
8m	1.624,5.678lx		2422.57cm
9m	1.283,4.486lx		2725.39cm
10m	1.040,3.634lx		3028.22cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

11" light 21W @ 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out:1302 lm

Height	Eavg,Emax	Angle:112.93deg	Diameter
1m	174.7,611.2lx		301.76cm
2m	43.68,152.8lx		603.52cm
3m	19.42,67.91lx		905.29cm
4m	10.92,38.20lx		1207.05cm
5m	6.989,24.45lx		1508.81cm
6m	4.854,16.98lx		1810.57cm
7m	3.566,12.47lx		2112.33cm
8m	2.730,9.550lx		2414.10cm
9m	2.157,7.546lx		2715.86cm
10m	1.747,6.112lx		3017.62cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.