

DESCRIPTION

The FJX-C5 Series is a 120V surface-mount LED downlight that provides project flexibility with field-switchable color temperatures (2700K, 3000K, 3500K, 4000K, and 5000K). The FJX-C5's minimalist ½" profile blends seamlessly into ceilings for a smooth architectural appearance. The rigid mounting bracket simplifies installation by attaching directly to a recessed J-box for a secure, flush fit against the ceiling. Several accessories are available for even more adaptability, including a battery backup, a retrofit kit for installation in recessed housings, decorative trims, and an integral sensor on 7" units. This series is offered in multiple sizes (5", 7", 9", and 12") for application versatility. Trace*Lite's FJX-C5 downlight is ideally suited for residential, retail, light commercial, and other interior spaces that utilize a traditional downlight or surface-mount product.

SPECIFICATIONS

Construction:

- Ultra-slim surface mount downlight, only 0.5" thick (0.8" for sensor model)
- Durable white thermoplastic construction
- Available in 5", 7", 9" and 12" diameters
- Robust surface mount bracket that twists into place for easy flush installation

Optics/LEDs:

- Offered in lumen packages from 660 lumens to 2,000 lumens, 8W to 24W
- Low glare diffused lens, 120° distribution
- Field-switchable color between 2700K, 3000K, 3500K, 4000K & 5000K CCT, switch located on back of housing
- L70 rated to 50,000 hours
- CRI 90 (80 for sensor model)

Electrical:

- 120VAC, 60Hz
- TRIAC Dimming down to 10% (dimming not available on sensor model)
- Integral PIR sensor is available on 7" model
 - Day and night sensor functions
 - Detects motion from 15' when mounted at 10'

Installation:

- Installs directly to 4" recessed J-box for virtually flush mount to ceiling surface
- Accessory kits available for retrofit installation in a recessed 5/6" downlight housing (FJX-TRK-56)

Accessories:

- Field installed back box with battery backup for 7" and 9" models (FJX-C5-R7-BB, FJX-C5-R9-BB)
- 7" and 9" back box to match aesthetic of units installed with battery backup accessory (FJX-C5-R7-BACKBOX, FJX-C5-R9-BACKBOX)
- Satin nickel and matte black clip-on trims (FJX-C5-RX-NC, FJX-C5-RX-BL)
- Torsion clips for retrofit in recessed 5/6" housing, includes E26 Medium screw-base Edison adaptor (FJX-TRK-56)

Testing & Compliance:

- cETLus Listed for Wet Locations
- Energy Star certified
- Title 24 JA8 compliant
- Operating temperatures: -20°C to 40°C (-4°F to 104°F), 0°C to 40°C (32°F to 104°F) with accessory FJX-C5-R7-BB or FJX-C5-R9-BB

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____



With accessory
FJX-C5-RX-BB installed



Item FJX-R7-C5-SC with
Integral Sensor



Specs at a Glance

Model	FJX-R5-8	FJX-R7-12	FJX-R7-12-SC	FJX-R9-18	FJX-R12-24
Diameter	5"	7"	7"	9"	12"
Wattage (W)*	8	12	12	18	24
Lumens (lm)	660	1,000	840	1,500	2,000
Efficacy	83		70	83	
CCT (K)	2700K-3000K-3500K-4000K-5000K Switchable				
Distribution	120°				
CRI	90 (80 for sensor model)				
Input Voltage	120VAC, 60Hz				
Operating Temp	-20°C to 40°C (-4°F to 104°F)				
Certifications	ETL Listed for Wet Locations, Energy Star, California Title 24 JA8				
Warranty	5 Years				
Weight	.55 lbs	.77 lbs		1.32 lbs	2.09 lbs

* Nominal Wattage, tested at 4000K CCT.

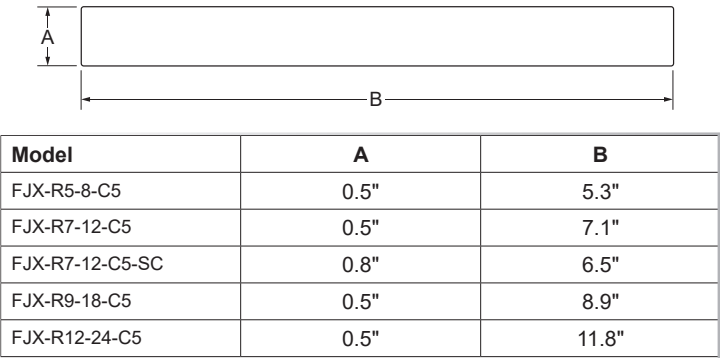
Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

ORDERING INFORMATION (Example: FJX-R7-12-C5)

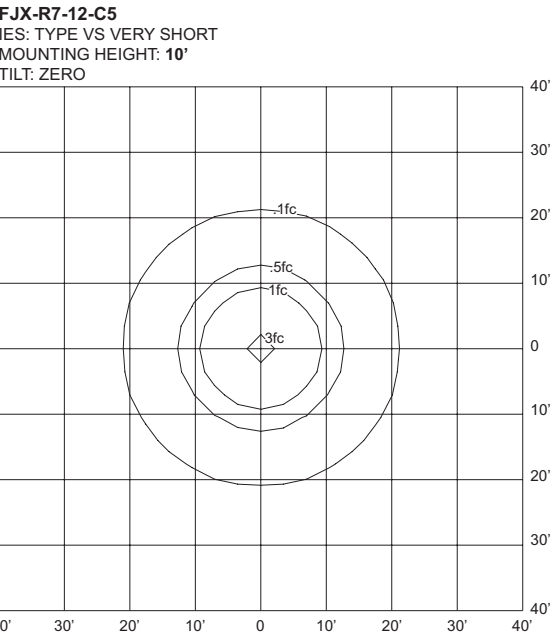
Model	Description
FJX-R5-8-C5	Surface Mount Downlight, 5" Diameter, 8W, 120VAC, Color Switchable 2700K/3000K/3500K/4000K/5000K CCT, White Finish
FJX-R7-12-C5	Surface Mount Downlight, 7" Diameter, 12W, 120VAC, Color Switchable 2700K/3000K/3500K/4000K/5000K CCT, White Finish
FJX-R7-12-C5-SC ¹	Surface Mount Downlight, 7" Diameter, 12W, 120VAC, Color Switchable 2700K/3000K/3500K/4000K/5000K CCT, White Finish, Sensor
FJX-R9-18-C5	Surface Mount Downlight, 9" Diameter, 18W, 120VAC, Color Switchable 2700K/3000K/3500K/4000K/5000K CCT, White Finish
FJX-R12-24-C5	Surface Mount Downlight, 12" Diameter, 24W, 120VAC, Color Switchable 2700K/3000K/3500K/4000K/5000K CCT, White Finish

Notes	Accessories ² (Field installed, order as separate line item)
¹ ETL Damp Location Listed, Not Energy Star or JA8 compliant	FJX-C5-R7-BACKBOX ³ = 7" Diameter Back Box to Match Battery Backup Accessory FJX-C5-R9-BACKBOX = 9" Diameter Back Box to Match Battery Backup Accessory
² Order as a separate line item. Shipped in a separate box for final installation in the field	FJX-C5-R7-BB ^{3,4} = 7" Diameter Back Box with Battery Backup FJX-C5-R9-BB ⁴ = 9" Diameter Back Box with Battery Backup
³ Not compatible with FJX-R7-12-C5-SC	FJX-C5-RX-BL ³ = Round Black Trim (RX = Diameter, RX can be R5 for 5", R7 for 7", R9 for 9", R12 for 12")
⁴ Not suitable for wet locations when installed	FJX-C5-RX-NC ³ = Round Satin Nickel Trim (RX = Diameter, RX can be R5 for 5", R7 for 7", R9 for 9", R12 for 12")

DIMENSIONS



SAMPLE PHOTOMETRY



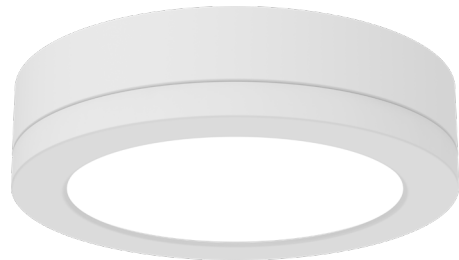
ACCESSORIES



ACCESSORIES



FJX-C5 with Back Box with Battery Backup
(FJX-C5-R7-BB FJX-C5-R9-BB)



FJX-C5 with Back Box to Match Battery Backup
Accessory
(FJX-C5-R7-BACKBOX, FJX-C5-R9-BACKBOX)

SENSOR DETAIL (FJX-R7-12-C5-SC)

Sketch Map of Human Infrared Induction Area

