TRACE*LITE
BARRON commercial & industrial lighting

FJX Series

120VAC Surface Mount LED Downlight

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

DESCRIPTION

The FJX Series is a 120V surface mount LED downlight offered in a single 3000K CCT or in a color switchable (3000K, 4000K and 5000K CCT) configuration that provides project flexibility. The FJX's minimalistic ½" profile blends seamlessly in ceilings for a smooth architectural appearance. The FJX's rigid mounting bracket simplifies installation directly to a recessed J-box for a secure, flush fit to the ceiling. Accessories are available for installation in recessed housings. This series is offered in multiple sizes (5", 7", 9" and 12") for application versatility. Trace*Lite's FJX 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
- Durable white thermoplastic construction
- Available in 5", 7", 9" and 12" diameters
- Aluminum heat sink to optimize thermal dissipation
- Glass light guide optimizes light uniformity
- Polystyrene diffuser
- Robust surface mount bracket for easy flush installation

Optics/LEDs:

- Offered in lumen packages from 400 lumens to 2000 lumens
- 6W to 24W replaces up to 100W incandescent with up to 85% energy savings
- Low glare diffused lens, 120° distribution
- UGR < 22
- 3000K CCT model available in 5", 7", 9" and 12" models
- Color switching model is provided with a switch behind the unit to toggle between warm white (3000K CCT), neutral white (4000K CCT) and cool white (5000K CCT) – available in 7" and 9" configurations only
- L70 rated to 50,000 hours
- CRI ≥ 80

Electrical:

- 120VAC, 60Hz
- Triac dimming

Installation:

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

Accessories (Field Installed):

- Satin nickel and matte black magnetic trims for color switchable models (FJX-R7-NC, FJX-R9-NC or FJX-R7-BL, FJX-R9-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 Damp Locations
- Operating temperatures: -20°C to 40°C (-4°F to 104°F)

Warranty:

- Five Year Warranty (Terms and Conditions Apply)





ETL Intertek | DAMP | 5 YEAR WARRANTY

Specs at a Glance						
Model	FJX-R5-6	FJX-R7-12	FJX-R9-18	FJX-R12-24	FJX-R7-12	FJX-R9-18
Diameter	5"	7"	9"	12"	7"	9"
Wattage (W)*	6W	12W	18W	24W	12W	18W
Lumens (lm)	400	890	1340	2000	890	1340
Efficacy (LPW)	75	75	75	83	75	75
Equivalency (W)	40W	75W	100W	100W	75W	100W
CCT (K)	3000K				Switchable (3000K, 4000K, 5000K)	
Distribution	120°					
CRI	>80					
Input Voltage	120VAC, 60Hz, Triac Dimming					
Operating Temp	-20°C to 40°C (-4°F to 104°F)					
Certifications	ETL Listed, Suitable for Damp Locations					
Warranty	5 Years					
Weight	0.8 lbs	1.1 lbs	1.6 lbs	2.9 lbs	1.1 lbs	1.6 lbs

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-CTK)

Model	Description
FJX-R5-6-3K	Surface Mount Downlight, 5” Diameter, 6W LED, 120VAC, 3000K CCT, White Finish
FJX-R7-12-3K	Surface Mount Downlight, 7” Diameter, 12W LED, 120VAC, 3000K CCT, White Finish
FJX-R9-18-3K	Surface Mount Downlight, 9” Diameter, 18W LED, 120VAC, 3000K CCT, White Finish
FJX-R12-24-3K	Surface Mount Downlight, 12” Diameter, 24W LED, 120VAC, 3000K CCT, White Finish
FJX-R7-12-CTK	Surface Mount Downlight, 7” Diameter, 12W LED, 120VAC, **Color Switchable** (3000K-4000K-5000K CCT), White Finish
FJX-R9-18-CTK	Surface Mount Downlight, 9” Diameter, 18W LED, 120VAC, **Color Switchable** (3000K-4000K-5000K CCT), White Finish

	Accessories[1] (Field Installed)
	FJX-R7-NC[2] = Satin Nickel Magnetic Trim For 7” Round (FJX-R7-12-CTK Model Only)
Notes	FJX-R9-NC[2] = Satin Nickel Magnetic Trim for 9” Round (FJX-R9-18-CTK Model Only)
[1] Order as a separate line item	FJX-R7-BL[2] = Matte Black Magnetic Trim For 7” Round (FJX-R7-12-CTK Model Only)
Shipped in a separate box for final installation in the field	FJX-R9-BL[2] = Matte Black Magnetic Trim for 9” Round (FJX-R9-18-CTK Model Only)
[2] Magnetic trims only available for color switchable (CTK) models	FJX-TRK-56 = Torsion Clips for 5/6” Recessed Housing, E26 Socket Adapter included

Color Switching Model Detail (-CTK)



3000K
Warm White (WW)

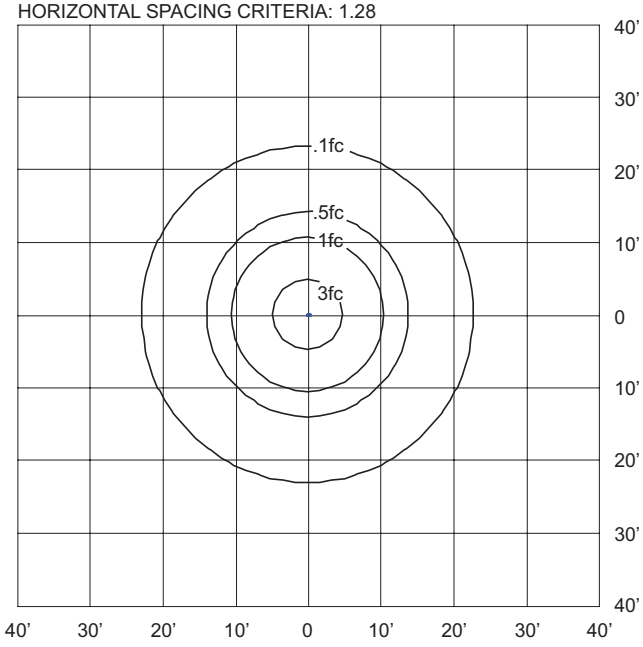
4000K
Neutral White (NW)

5000K
Cool White (CW)

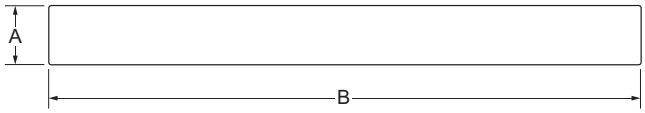


Sample Photometry

FJX-R9-18-3K
IES: TYPE VS Very Short
MOUNTING HEIGHT: **10’**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.28

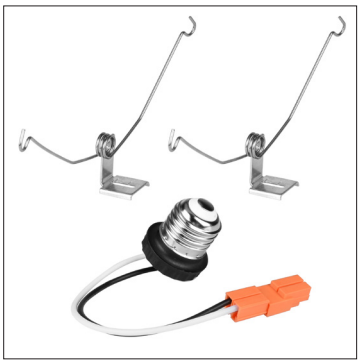


Dimensions

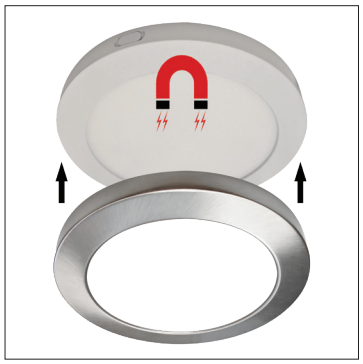


Model	A	B
FJX-R5-6-3K	0.5"	5.3”
FJX-R7-12-3K/CTK	0.5"	7.0”
FJX-R9-18-3K/CTK	0.5"	8.9”
FJX-R12-24-3K	0.5"	11.8"

Accessories



Torsion Clip Kit (FJX-TRK-56)



Satin Nickel Magnetic Trim for CTK models
(FJX-R7-NC, FJX-R9-NC)



Matte Black Magnetic Trim for CTK models
(FJX-R7-BL, FJX-R9-BL)

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

BARRON lighting group
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