

FI 9 SERIES - LED Tunable Commercial Down Light

The FI 9 SERIES - LED Tunable Commercial Down Light, 100 lm/W, IP54 Wet Location, Select 3X-CCT and 3X-Wattages, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	600 to 3300 lumens
Efficacy	100 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	Select (30K, 40K, 50K)
IP Rating	IP54 Wet Location
Size	4-in, 10-in
Warranty	5 Years

Applications

Premium indoor luminaire for recessed mounting in ceiling spaces. Suitable for general indoor, lobbies, offices, meeting rooms, restrooms, hallways, hospitals, airports, hotels, restaurants and shopping centers.

Construction

Manufactured for durability using airtight aluminum sheet housing with satin coating to resist corrosion, discoloration, and scratching. IP54 Wet Location rated for protection against dust and splashing water: IEC 60529. Deep recessed lens to minimize ambient glare.

Electrical

Input voltage 120-277V models with 0-10V Continuous Dimming. Includes 3X-CCT and 3X-Wattage Tuning Switches. Operating temperatures -4°F to 104°F (-20°C to 40°C).

Mounting

Quick installation spring-bars for installations without housing. 1.5 Foot integrated whip for easy access to the junction box.

Optics

Anti-UV Frosted Polycarbonate Lens.

Listings

ETL certified to meet US and Canadian standards. FCC and RoHS compliant. ENERGY STAR listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

Catalog No:

Prepared By:

Tunable 4-in and 10-in Models

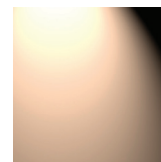


Tuning Switches on Housing

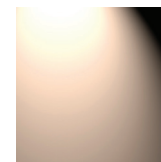


Correlated Color Temperatures (CCT)

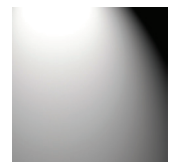
3000K



4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 3-Wattages (12W Max, 33W Max)

Power Factor: >0.9

Total Harmonic Distortion (THD): <20%

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

Lighting Data

Lumens: 600 to 3300 lumens

Lumens Per Watt: 100 lm/W

CCT: Select (30K, 40K, 50K)

Dimmable: 0-10V

Color Rendering Index (CRI): >80

L70: 50000 hours

Ordering Information

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Beam Angle	Dimming	Color	Dimensions
FI-DOWN-4-12W-3CCT	4-in	(6W	120-277V	0.06A@120V, 0.02A@277V	600	100 lm/W	(3000K,	80°	0-10V	White	Luminaire ø 5.94"C x 3.63"H Cutout Min. ø 4.00"C, Max. ø 5.25"C
		8W		0.07A@120V, 0.03A@277V	800		4000K,				
		12W)		0.11A@120V, 0.05A@277V	1200		5000K)				
FI-DOWN-10-33W-3CCT	10-in	(22W	120-277V	0.20A@120V, 0.09A@277V	2200	100 lm/W	(3000K,	90°	0-10V	White	Luminaire ø 11.56"C x 5.50"H Cutout Min. ø 8.88"C, Max. ø 10.63"C
		28W		0.26A@120V, 0.11A@277V	2800		4000K,				
		33W)		0.30A@120V, 0.13A@277V	3300		5000K)				

Emergency

BLD-HM08D-YYY 8W Inverter Style Emergency Battery Backup, 0-10v Dimming

Physical Dimensions

4-in Models ø 5.94"C x 3.63"H

10-in Models ø 11.56"C x 5.50"H

