

## FI 25 SERIES - LED Tunable Commercial Down Light

The FI 25 SERIES - LED Tunable Commercial Down Light, 120 lm/W, IP54 Wet Location, Select 5X-CCT and 5X-Wattages, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

### Premium Features

|               |                                  |
|---------------|----------------------------------|
| Lumen Output  | 1440 to 4200 lumens              |
| Efficacy      | 120 lm/W                         |
| Input Voltage | 120-277V                         |
| Dimmable      | 0-10V Continuous                 |
| CCT           | Select (27K, 30K, 35K, 40K, 50K) |
| IP Rating     | IP54 Wet Location                |
| Size          | 6-in, 8-in                       |
| Warranty      | 7 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. IC Rated applicable for direct contact with insulation. 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 5X-CCT and 5X-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

7 yr /75K hrs. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

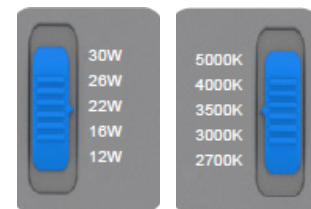
Catalog No:

Prepared By:

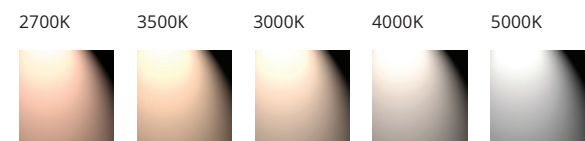
Tunable 6-in and 8-in Models



Tuning Switches on Housing



### Correlated Color Temperatures (CCT)



## Specifications

### Energy Data

**Input Voltage:** 120-277V

**Input Frequency:** 50/60 Hz

**Wattage:** 5-Wattages (30W Max, 35W 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:** 1440 to 4200 lumens

**Lumens Per Watt:** 120 lm/W

**CCT:** Select (27K, 30K, 35K, 40K, 50K)

**Dimmable:** 0-10V

**Color Rendering Index (CRI):** >80

**L70:** 75000 hours

## Ordering Information

| Model                 | Size | Wattage | Voltage  | Current                | Lumens | Efficacy | CCT     | Beam Angle | Dimming | Color | Dimensions                                                          |
|-----------------------|------|---------|----------|------------------------|--------|----------|---------|------------|---------|-------|---------------------------------------------------------------------|
| FI-DOWN-6-30W-5CCT-HO | 6-in | (12W    | 120-277V | 0.11A@120V, 0.05A@277V | 1440   | 120 lm/W | (2700K, | 80°        | 0-10V   | White | Luminaire ø 8.31"C x 4.38"H<br>Cutout Min. ø 6.19"C, Max. ø 7.50"C  |
|                       |      | 16W     |          | 0.15A@120V, 0.06A@277V | 1920   |          | 3000K,  |            |         |       |                                                                     |
|                       |      | 22W     |          | 0.20A@120V, 0.09A@277V | 2640   |          | 3500K,  |            |         |       |                                                                     |
|                       |      | 26W     |          | 0.24A@120V, 0.10A@277V | 3120   |          | 4000K,  |            |         |       |                                                                     |
|                       |      | 30W)    |          | 0.28A@120V, 0.12A@277V | 3600   |          | 5000K)  |            |         |       |                                                                     |
| FI-DOWN-8-35W-5CCT-HO | 8-in | (16W    | 120-277V | 0.15A@120V, 0.06A@277V | 1920   | 120 lm/W | (2700K, | 90°        | 0-10V   | White | Luminaire ø 10.31"C x 4.88"H<br>Cutout Min. ø 8.00"C, Max. ø 9.50"C |
|                       |      | 22W     |          | 0.20A@120V, 0.09A@277V | 2640   |          | 3000K,  |            |         |       |                                                                     |
|                       |      | 26W     |          | 0.24A@120V, 0.10A@277V | 3120   |          | 3500K,  |            |         |       |                                                                     |
|                       |      | 30W     |          | 0.28A@120V, 0.12A@277V | 3600   |          | 4000K,  |            |         |       |                                                                     |
|                       |      | 35W)    |          | 0.32A@120V, 0.14A@277V | 4200   |          | 5000K)  |            |         |       |                                                                     |

### Housing

**CP6-Frame** 6-in Installation Frame

### Emergency

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

## Physical Dimensions

**6-in Models** ø 8.31"C x 4.38"H

**8-in Models** ø 10.31"C x 4.88"H

