

9 SERIES - LED Tunable Commercial Down Light

The 9 SERIES - LED Tunable Commercial Down Light, Up to 120 lm/W, IP54 Wet Location, Select 3X-CCT (3000K, 4000K, 5000K) and 3X-Wattages, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	600 to 3960 lumens
Efficacy	Up to 120 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	Select (3000K, 4000K, 5000K)
IP Rating	IP54 Wet Location
Size	4-in, 6-in, 8-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, CE 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:

4-in, 6-in, 8-in, and 10-in Models



3X-CCT + 3X-Wattage Tunable

Tuning Switches on Housing

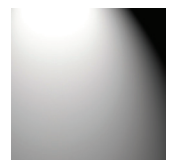
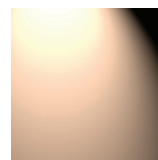


Correlated Color Temperatures (CCT)

3000K

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: Select (6W, 8W, 12W), (8W, 12W, 16W), (12W, 16W, 22W), (20W, 26W, 33W), (22W, 28W, 33W)

Power Factor: >0.9

Total Harmonic Distortion (THD): <20%

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

Lighting Data

Lumens: Select (600, 800, 1200), (800, 1200, 1600), (1200, 1600, 2200), (2200, 2800, 3300), (2400, 3120, 3960)

Lumens Per Watt: Up to 120 lm/W

Color Correlated Temperature (CCT): Select (3000K, 4000K, 5000K)

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	Weight
FI-DOWN-4-12W-3CCT	4-in	(6W 8W 12W)	120-277V	0.05A@120V, 0.02A@277V 0.07A@120V, 0.03A@277V 0.10A@120V, 0.04A@277V	600 800 1200	100 lm/W	(3000K, 4000K, 5000K)	80°	0-10V	White	Luminaire \varnothing 5.94"C x 3.63"H Cutout Min. \varnothing 4.00"C, Max. \varnothing 5.25"C	0.66 lbs
FI-DOWN-6-16W-3CCT	6-in	(8W 12W 16W)	120-277V	0.07A@120V, 0.03A@277V 0.10A@120V, 0.04A@277V 0.13A@120V, 0.06A@277V	800 1200 1600	100 lm/W	(3000K, 4000K, 5000K)	80°	0-10V	White	Luminaire \varnothing 8.31"C x 4.38"H Cutout Min. \varnothing 6.19"C, Max. \varnothing 7.50"C	1.12 lbs
FI-DOWN-6-33W-3CCT-HO	6-in	(20W 26W 33W)	120-277V	0.17A@120V, 0.07A@277V 0.22A@120V, 0.09A@277V 0.28A@120V, 0.12A@277V	2400 3120 3960	120 lm/W	(3000K, 4000K, 5000K)	80°	0-10V	White	Luminaire \varnothing 8.31"C x 4.38"H Cutout Min. \varnothing 6.19"C, Max. \varnothing 7.50"C	1.12 lbs
FI-DOWN-8-22W-3CCT	8-in	(12W 16W 22W)	120-277V	0.10A@120V, 0.04A@277V 0.13A@120V, 0.06A@277V 0.18A@120V, 0.08A@277V	1200 1600 2200	100 lm/W	(3000K, 4000K, 5000K)	90°	0-10V	White	Luminaire \varnothing 10.31"C x 4.88"H Cutout Min. \varnothing 8.00"C, Max. \varnothing 9.50"C	1.34 lbs
FI-DOWN-10-33W-3CCT	10-in	(22W 28W 33W)	120-277V	0.18A@120V, 0.08A@277V 0.23A@120V, 0.10A@277V 0.28A@120V, 0.12A@277V	2200 2800 3300	100 lm/W	(3000K, 4000K, 5000K)	90°	0-10V	White	Luminaire \varnothing 11.56"C x 5.50"H Cutout Min. \varnothing 8.88"C, Max. \varnothing 10.63"C	1.65 lbs

Shipping Information

Model Wattage	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
4-in	0.66 lbs	21.22"L x 13.23"W x 20.20"D	22.66 lbs	24
6-in	1.12 lbs	18.50"L x 17.87"W x 17.71"D	19.79 lbs	12
8-in	1.34 lbs	22.83"L x 21.73"W x 19.29"D	22.11 lbs	12
10-in	1.65 lbs	24.72"L x 12.99"W x 21.18"D	15.90 lbs	6

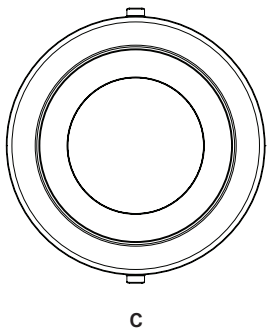
Physical Dimensions

4-in Models \varnothing 5.94"C x 3.63"H

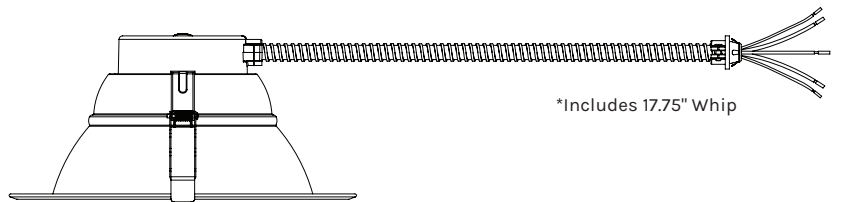
6-in Models \varnothing 8.31"C x 4.38"H

8-in Models \varnothing 10.31"C x 4.88"H

10-in Models \varnothing 11.56"C x 5.50"H



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*Includes 17.75" Whip

