

WSD SERIES - LED Tunable and Single Semi Cutoff Wall Pack

The WSD SERIES - LED Tunable and Single Semi Cutoff Wall Pack, Up to 145 lm/W, Select 3X-CCT (3000K, 4000K, 5000K) and Select 4X-Wattages, or Single CCT and Wattage Models, IP66 Wet Location, 1-10V Dimmable Models, Premium Outdoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	4350 to 10150 lumens
Efficacy	Up to 145 lm/W
Input Voltage	120-277V
Dimmable	1-10V Continuous
CCT	5000K, or Select (3000K, 4000K, 5000K)
IP Rating	IP66 Wet Location
Warranty	5 Years

Applications

Premium outdoor luminaire suitable for building exteriors, entryways, courtyards, alleys, pedestrian walkways, and general security.

Construction

Manufactured for weather-proof durability using solid heavy duty die cast aluminum housing with anti-UV polyester coating to resist water, salt, corrosion, discoloration, and scratching. IP66 Wet Location rated for dust-tight, powerful water jets: IEC 60529.

Electrical

Input voltages 120-277V with 1-10V Continuous Dimming. Tunable model includes 3X-CCT and up to 4X-Wattage Tuning Switches on external controller knob. Single model includes one Wattage and one CCT. Operating temperatures -22°F to 113°F (-30°C to 45°C).

Mounting

Wall mounted installations.

Optics

Anti-UV Clear Polycarbonate Lens.

Controls

Fixture integrated Photocell sensor available.

Emergency

Externally Bracket Mounted, 8W, 90 Minute Emergency Battery Backup available.

Listings

UL certified to meet US and Canadian standards. FCC, and RoHS compliant. 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:

45W Single Wattage Models



70W Single Wattage and 70W Max Tunable Models



100W and 120W Single Wattage Models

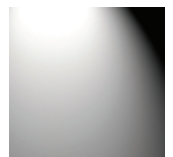
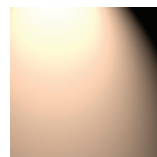


Correlated Color Temperatures (CCT)

3000K

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 45W, 70W, 100W, 120W, or Select (30W, 45W, 60W, 70W)

Power Factor: >0.9

Total Harmonic Distortion: <15%

Operating Temperature: -22°F to 113°F (-30°C to 45°C)

Lighting Data

Lumens: 6525, 10150, 14300, 17040, or Select (4350, 6525, 8700, 10150)

Lumens Per Watt: Up to 145 lm/W

CCT: 5000K, or Select (3000K, 4000K, 5000K)

Dimmable: 1-10V Models

Color Rendering Index (CRI): >70

L70: 75000 hours

Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
WSD-HWP45W	45W	120-277V	0.38A@120V, 0.16A@277V	6525	145 lm/W	5000K	1-10V	Dark Bronze	14.00"L x 5.30"W x 6.25"D	6.60 lbs
WSD-HWP07W	70W	120-277V	0.58A@120V, 0.25A@277V	10150	145 lm/W	5000K	1-10V	Dark Bronze	14.00"L x 6.30"W x 7.80"D	7.70 lbs
WSD-HWP10W	100W	120-277V	0.83A@120V, 0.36A@277V	14300	145 lm/W	5000K	1-10V	Dark Bronze	13.70"L x 6.17"W x 6.15"D	9.10 lbs
WSD-HWP12W	120W	120-277V	1.00A@120V, 0.43A@277V	17040	142 lm/W	5000K	1-10V	Dark Bronze	13.70"L x 6.17"W x 6.15"D	9.10 lbs
WSD-HWP34567W27-345K-D-P-G2	(30W, 45W, 60W, 70W)	120-277V	0.25A@120V, 0.11A@277V 0.38A@120V, 0.16A@277V 0.50A@120V, 0.22A@277V 0.58A@120V, 0.25A@277V	4350 6525 8700 10150	145 lm/W	(3000K, 4000K, 5000K)	1-10V	Dark Bronze	14.00"L x 6.30"W x 7.80"D	6.88 lbs

Sensor	Accessory
JL-413C	BLD-CM20N-480800-8W
(Blank)	(Blank)
Installed Photocell Sensor	Installed Externally Bracket Mounted, 8W, 90 Minute Emergency Backup Battery
None	None

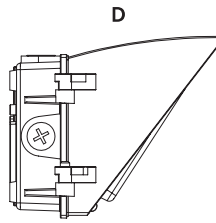
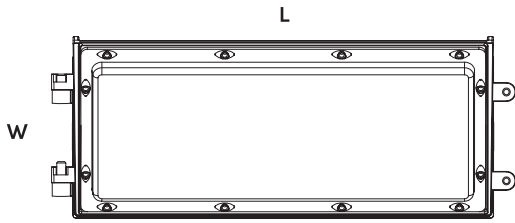
Shipping Information

Model Size	Shipping Dimensions	Shipping Weight	Quantity /Box
45W	15.50"L x 8.85"W x 8.00"H	7.00 lbs	1
70W	15.50"L x 10.23"W x 8.60"H	9.00 lbs	1
100W	16.00"L x 9.25"W x 9.25"H	10.50 lbs	1
120W	16.00"L x 9.25"W x 9.25"H	11.05 lbs	1
70W Max Tunable	15.50"L x 8.07"W x 7.00"H	7.76 lbs	1

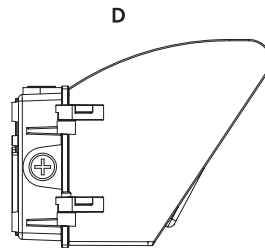
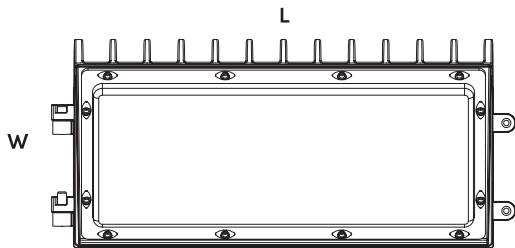


Physical Dimensions

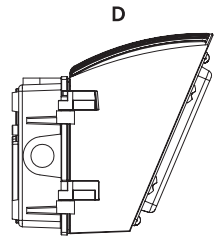
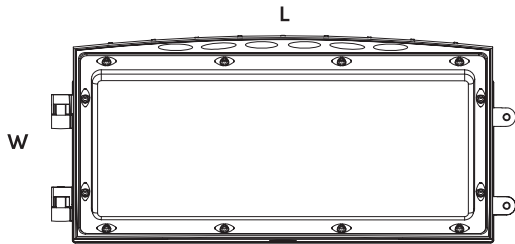
45W Model 14.00"L x 5.30"W x 6.25"D



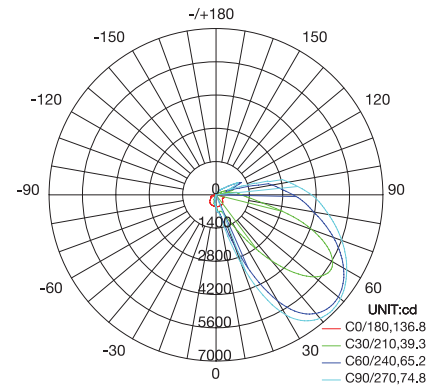
70W and 70W Tunable Models 14.00"L x 6.30"W x 7.80"D



100W and 120W Models 13.70"L x 6.17"W x 6.15"D

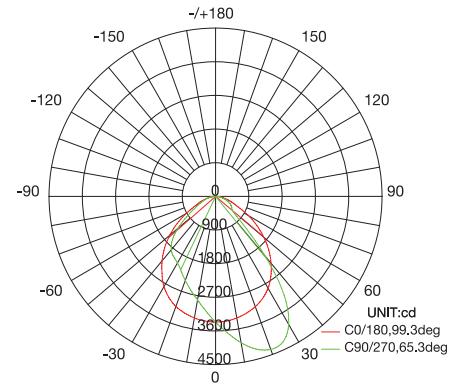


Photometric Characteristics



AVERAGE BEAM ANGLE(50%):79.0 DEG

*Example of 100W 5000K



AVERAGE BEAM ANGLE(50%):82.3 DEG

*Example of Tunable Model at 60W 5000K