

WSD SERIES - LED Cobra Head Street Light

The WSD SERIES - LED Cobra Head Street Light, 151 lm/W, IP65 Wet Location, 0-10V Dimmable, Premium Outdoor Luminaire.

Premium Features

Lumen Output	15100 to 22650 lumens
Efficacy	151 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	5000K
IP Rating	IP65 Wet Location
Warranty	5 Years

Applications

Premium outdoor luminaire suitable for public streets, sidewalks, highways, and parking areas.

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. IP65 Wet Location rated for dust-tight, powerful water jets: IEC 60529. 3G Vibration Rated. Built in Surge Suppression 10KV@120-277V.

Electrical

Input voltages 120-277V. Operating temperatures -40°F to 113°F (-40°C to 45°C).

Mounting

Slip-Fit Pole Mount installation. Optional Mounting Arm Bracket available.

Optics

Anti-UV Clear Polycarbonate IES /NEMA Type III Lens.

Controls

Includes NEMA 3-Pin Photocell Sensor.

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:

100W and 150W Models



Correlated Color Temperatures (CCT)

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 100W, 150W

Power Factor: >0.9

Total Harmonic Distortion: <20%

Operating Temperature: -40°F to 113°F (-40°C to 45°C)

Lighting Data

Lumens: 15100 to 22650 lumens

Lumens Per Watt: 151 lm/W

CCT: 5000K

Dimmable: 0-10V

Color Rendering Index (CRI): >70

L70: 50000 hours

Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
WSD-ST10W27-50K-S	100W	120-277V	0.64A@120V, 0.28A@277V	15100	151 lm/W	5000K	0-10V	Silver	18.67"L x 10.81"W x 3.95"H
WSD-ST15W27-50K-S	150W	120-277V	0.96A@120V, 0.42A@277V	22650	151 lm/W	5000K	0-10V	Silver	18.67"L x 10.81"W x 3.94"H

Physical Dimensions

100W and 150W Models 18.67"L x 10.81"W x 3.95"H

