



ITEM SKU#: 662187485386

# Robus

## Cobra Head Street Light

INDUSTRIAL LIGHTING | STREET LIGHTS

### FEATURES

- Features power selectability for precise control and adaptable illumination.
- The luminaire comes with global certifications (ROHS, UL, DLC).
- Unique design that allows self-cleaning and can withstand storms.
- Designed for ease of maintenance and operation with screw/buckle locks and push-in cable connectors.
- Equipped with an adjustable adaptor to accommodate varying installation requirements.

### APPLICATIONS

Street Lighting, Outdoor Parking Areas, Public Entrances, Highways, Bridges, Sports Yards

### PRODUCT DETAILS

#### ELECTRICAL

Max Power	148.8W
Voltage	277-480V
Current	0.60A
Power Factor	0.9
Total Harmonic Distortion (THD)	15%
Surge Protection	L/N-PE:10kV, L-N:6kV

#### LIGHTING PERFORMANCE

Lumens	15333lm-19166.25lm-22812lm
Efficacy	153.33lm/W
Color Temperature (CCT)	5000K
Color Rendering (CRI)	74
R9 (Red Value)	-30
R13 (Skin Tones)	71
Beam Angle	150°x100°
Light Distribution	Type II, (Optional: TYPE III, TYPE IV, TYPE V)
BUG Rating (Backlight, Uplight, and Glare)	B3-U0-G3
Dimmable Lighting Control	Continuous Dimming to 10% or Below

**Note:**

\*Mentioned lumen output is calculated as such: 15333lm at 100W, 19166.25lm at 125W, 22812lm at 148.8W

### ENVIRONMENT

Operating Temperature	(Without Motion Sensor)	-40°F ~ +122°F
	(With Motion Sensor)	-31°F ~ +122°F
Suitable Location	<b>WET</b>	
Ingress Protection Rating (IP)	IP65	

### LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	<b>5</b>

### COMPONENTS

LED Light Source	Bridgelux, SMD3030
Driver	Sosen SS-150M-56BH

### CONSTRUCTION

Housing	Die-cast Aluminum
Cover Material / Lens	Polycarbonate
Diffuser	Clear
Power Supply	Hard Wired
Finish	Gray (Optional: Bronze and Black)
Effective Projected Area (EPA)	2.4ft <sup>2</sup>

### PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-COBRA-150WPT2H1-BR3NT50
Qualified Part Number	IK-COBRA-150WPT2H1-[BR,WH,BL,GR,SL or blank][3NP; 3RP;3NT;3RT;5NP;5RP;5NT;5RT;7NP;7RP;7NT;7RT;blank][10SP;20SP; blank][DP,DM:blank][RAM;AM,DM;YM;A&D;blank][S;blank][W;blank]50
SKU Number	662187485386

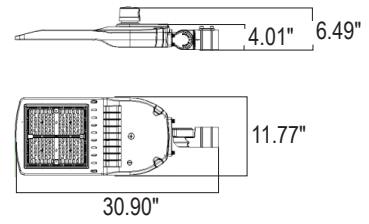


Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

**DIMENSIONS AND WEIGHT (ROUND SLIP FITTER MOUNT)**

<b>Length (Inches)</b>	30.90"
<b>Width (Inches)</b>	11.77"
<b>Height (Inches)</b>	4.01"
<b>Height With Photocell (Inches)</b>	6.49"
<b>Net Weight (lbs)</b>	16.75

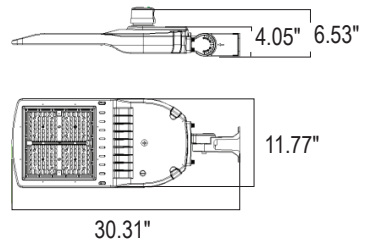
**Round Slip Fitter**



**DIMENSIONS AND WEIGHT (YOKE MOUNT)**

<b>Length (Inches)</b>	30.31"
<b>Width (Inches)</b>	11.77"
<b>Height (Inches)</b>	4.05"
<b>Height With Photocell (Inches)</b>	6.53"
<b>Net Weight (lbs)</b>	16.31

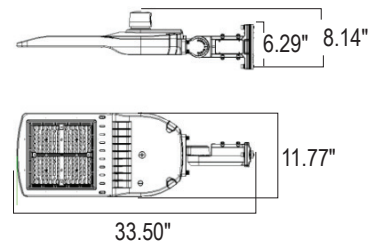
**Yoke Mount**



**DIMENSIONS AND WEIGHT (SQUARE & ROUND POLE MOUNT)**

<b>Length (Inches)</b>	33.50"
<b>Width (Inches)</b>	11.77"
<b>Height (Inches)</b>	6.29"
<b>Height With Photocell (Inches)</b>	8.14"
<b>Net Weight (lbs)</b>	18.4

**Sqaure & Round Pole Mount**



**PACKAGING**

**ROUND SLIP FITTER MOUNT, YOKE MOUNT & SQUARE & ROUND POLE MOUNT**

<b>Box Dimensions (Inches)</b>	33.85" x 13.58" x 6.10"
<b>Box Weight (lbs)</b>	18.73 (Round Slip Fitter Mount) 18.51 (Yoke Mount) 20.61 (Square & Round Pole Mount)
<b>Quantity Per Box</b>	1

**SUPPORTING DOCUMENTS**

DOCUMENTS	DOCUMENT LINK
<a href="#">Product Sheet</a>	<a href="#">View / Download</a>
<a href="#">IES Files</a>	<a href="#">View / Download</a>
<a href="#">LM79 Report</a>	<a href="#">View / Download</a>
<a href="#">LM80 Report</a>	<a href="#">View / Download</a>
<a href="#">Installation Instructions</a>	<a href="#">View / Download</a>

**ORDERING INFORMATION**

SKU NUMBER	DESCRIPTION	QUANTITY/BOX
662187485386	ROBUS CHSL: 148.8W / 15333-19166.25-22812LM / 5000K / 277-480V / GRAY	1

## ACCESSORIES INCLUDED IN THE BOX

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187486475	IK-ACC-PB-LT625	PHOTOCELL BASE MOUNTING RECEPTACLE - LT625	<a href="#">View / Download</a>

## ACCESSORIES SOLD SEPARATELY

SKU NUMBER	PRODUCT CODE	DESCRIPTION	DOCUMENT LINK
662187486499	IK-ACC-COBRA-RSF	ROUND SLIP FITTER MOUNTING	<a href="#">View / Download</a>
662187486529	IK-ACC-COBRA-YM	YOKE MOUNTING	<a href="#">View / Download</a>
662187486536	IK-COBRA-SRPM	SQUARE & ROUND POLE MOUNTING BRACKET	<a href="#">View / Download</a>
662187482217	IK-SHC-JL-208	SHORTING CAP	<a href="#">View / Download</a>
662187507637	IK-ACC-SPD-10KV-(277-480V)	SURGE PROTECTION DEVICE 10kV (277-480V)	<a href="#">View / Download</a>
662187488516	IK-ACC-SPD-20KV-(277-480V)	SURGE PROTECTION DEVICE 20kV (277-480V)	<a href="#">View / Download</a>
662187482316	IK-HB03-R	SENSOR REMOTE	<a href="#">View / Download</a>
662187482309	IK-HB01DMS-A	MICROWAVE MOTION SENSOR	<a href="#">View / Download</a>
662187486635	IK-ACC-COBRA-SH	SHIELD	<a href="#">View / Download</a>
662187487663	IK-PHC-3PIN-AC277-480V	PHOTOCELL (3 PIN) 277-480V	<a href="#">View / Download</a>
662187487717	IK-PHC-5PIN-AC277-480V	PHOTOCELL (5 PIN) 277-480V	<a href="#">View / Download</a>
662187487724	IK-PHC-7PIN-AC277-480V	PHOTOCELL (7 PIN) 277-480V	<a href="#">View / Download</a>
662187483634	IK-PHC-3PIN-SOCKET-0-480V	PHOTOCELL(3 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>
662187483641	IK-PHC-5PIN-SOCKET-0-480V	PHOTOCELL(5 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>
662187487755	IK-PHC-7PIN-SOCKET-0-480V	PHOTOCELL(7 PIN) SOCKET AC 0-480V	<a href="#">View / Download</a>

\*Includes one accessory of your choice: Mounting Bracket (Round Slip Fitter Mount or Yoke Mount), Shorting Cap, or Photocell. For replacement or additional Mounting Brackets, please contact your IKIO sales representative.

\*Product requires top-mounted shorting cap or optional twist-lock photocell installed to operate.

**NOTE:** Other Options on Request/Customized: **Finish** (BR-Bronze, WH-White, BL-Black, SL-Silver), **Accessories** (3NP-3 Pin No Photocell, 3RP-3 Pin Rotating Photocell, 3NT- 3 Pin No Rotating Shorting Cap, 3RT-3 Pin Rotating Shorting Cap, 5NP-5 Pin No Photocell, 5RP-5 Pin Rotating Photocell, 5NT- 5 Pin No Rotating Shorting Cap, 5RT-5 Pin Rotating Shorting Cap, 7NP-7 Pin No Photocell, 7RP-7 Pin Rotating Photocell, 7NT- 7 Pin No Rotating, 7RT-7 Pin Rotating Shorting Cap, 10SP-Surge Protection, 20SP-Surge Protection, DP-DC PIR Sensor, DM-Direct Mounting, RAM- Round Adjustable Fitter Mounting, AM-Slip Fitter Mounting Bracket, DM- Microwave Motion Sensor, YM- Yoke Mounting, A&D-Square & Round Pole Mounting Bracket S- Shield, W- Dimming)