

ITEM SKU#: 662187486215

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	15598lm-19497.5lm-23204lm
Efficacy	155.98lm/W
Color Temperature (CCT)	5700K
Color Rendering (CRI)	72
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: 15598lm at 100W, 19497.5lm at 125W, 23204lm at 148.8W

ENVIRONMENT

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

LIFESPAN

Average Life (Hours)	50,000
Warranty (Years)	5

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 ²

PART NUMBER & QUALIFICATIONS

Ordering Part Number	IK-COBRA-150WPT2H1-BR3NT57
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]57
SKU Number	662187486215

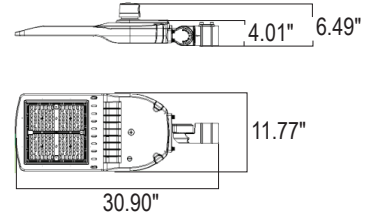


Not all product variations listed on this page are DLC qualified. Visit <https://www.designlights.org/qpl> to confirm qualification.

DIMENSIONS AND WEIGHT (ROUND SLIP FITTER MOUNT)

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

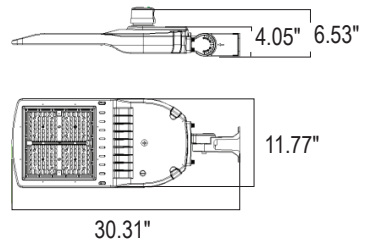
Round Slip Fitter



DIMENSIONS AND WEIGHT (YOKE MOUNT)

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

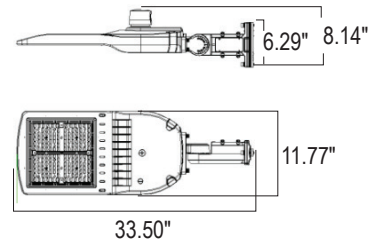
Yoke Mount



DIMENSIONS AND WEIGHT (SQUARE & ROUND POLE MOUNT)

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

Sqaure & Round Pole Mount



PACKAGING

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

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

SUPPORTING DOCUMENTS

DOCUMENTS	DOCUMENT LINK
Product Sheet	View / Download
IES Files	View / Download
LM79 Report	View / Download
LM80 Report	View / Download
Installation Instructions	View / Download

ORDERING INFORMATION

SKU NUMBER	DESCRIPTION	QUANTITY/BOX
662187486215	ROBUS CHSL: 148.8W / 15598-19497.5-23204LM / 5700K / 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	View / Download

ACCESSORIES SOLD SEPARATELY

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

*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)