

Housing

8" x 8" x 53.4" | Weight : 75 lbs

Material

Housing: Cast Aluminum

Fixture Power Input

40W | 220-240 VAC

Lumen Output

1,250 lm (40W)

Dimming

Standard 0-10V : Dims to 10%

Color Quality

CRI 85+

Rated Life

> 100,000 Hours (L70)

Finish

Black

Color Temperature

3000K



3500K



4000K

Optics

Asymmetric

MountingSurface
Mounted

Embedded

Charging Type

Level 2 Charging (40A/220V, Single Phase)

Charging Load

8.8kW (35 Miles per Hour)

Charging Connector

SAE J1772 Type 1

Charging Cable Length

25ft

Connectivity

LTE Cat. 1

Warranty

3 Year Limited Warranty

Listing

IP65

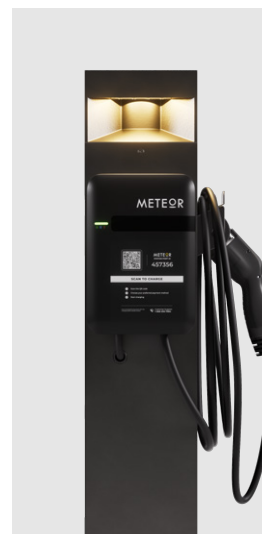
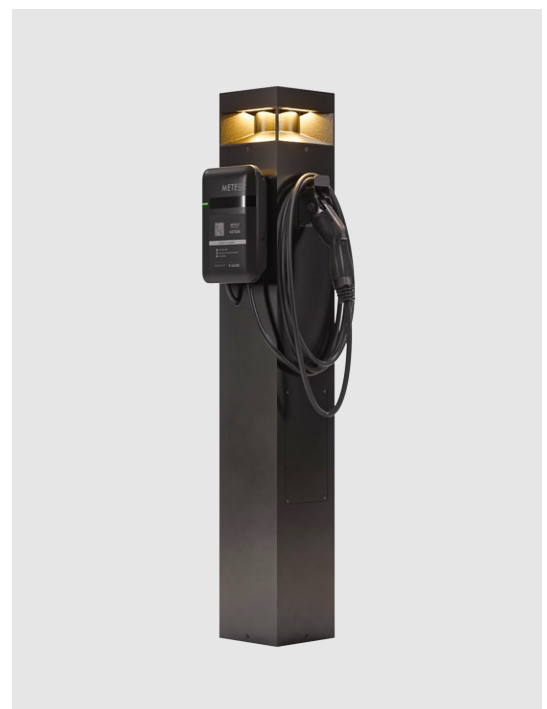


IK08

Architectural Light Bollard and EV Charger combined

The Meteor CL-B is a high-performing bollard for outdoor applications, delivering up to 1,250 lm. This all-in-one unit combines efficient LED lighting with integrated Level II EV chargers, offering 40A and up to 35 miles per hour of range.

With LTE connectivity and app-free, scan-and-charge functionality, it ensures user convenience. The bollard can be specified with or without the EV charger for design consistency.



SPECIFICATION SHEET

CL-B

ARCHITECTURAL LIGHT BOLLARD
WITH INTEGRATED EV CHARGER

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

LIGHTING FIXTURE

CL-B	MODEL	CL-B Light Bollard with integrated EV Charger		
40	WATTAGE	40 40W Light Engine		
	CCT / CRI	308 3000K / CRI 85	358 3500K / CRI 85	408 4000K / CRI 85
STV	DIMMING	STV Standard 0-10V dims to 10%		
ASY	BEAM ANGLE	ASY Asymmetric		
BLK	FINISH	BLK Black		
	MOUNTING	AKE Embedded	AKS Surface Mounted	

EV-CHARGER

	TYPE	40AS 40A Level 2 Single Charger	40AD 40A Level 2 Dual Charger
LTE	CONNECTIVITY	LTE 4G Connectivity	
	MAINTENANCE SERVICE	NO No Maintenance Service 3Y 3 Years	1Y 1 Year 2Y 2 Years

[↶ CLEAR FORM](#)

SPECIFICATION SHEET

CL-B ARCHITECTURAL LIGHT BOLLARD WITH INTEGRATED EV CHARGER

METEOR

LIGHT ENGINE TECHNICAL DETAILS

Electrical

- 1,250 lm (40W)
- Power Input: 220-240 VAC
- Operating Temperature: -13°F~122°F
- Surge Protection: 4KV line-line, 6KV line-earth

LED Features

- Color Temperature: 3000K, 4000K, 5000K
- CRI 85+
- Long lasting LED luminaire tested under TM21 lumen maintenance L80 @ 100,000 Hrs
- Lumen Maintenance > 0.90 at 60,000 hours

Optics

- Precision molded high transmittance PC lens
- Beam Angle: Asymmetric

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Standard 0-10V: Dims to 10%

Housing

- Diameter
Light Head : 8" x 8" x 53.4"
- Material: Cast Aluminum, Polycarbonate Optical Lens
- Weight: 75 lbs

Mounting

- Embedded
- Surface Mounted

Warranty

- 3 Year Limited Warranty

Listing

- CE
- IP65
- IK08

EV CHARGER TECHNICAL DETAILS

Electrical

- Power Input: 220-240 VAC, Single Phase, 60Hz
- Max Input / Output Current: 40A
- Operating Temperature: -22°F~122°F
- Wiring Type: Hard-wired
- Protection: Over Voltage, Under Voltage, Surge Protection, GM/I, CCID20, Over Current, Over Temperature, Short Circuit, Relay Malfunction

EV Charger Features

- Charging Type: Level 2 Charging
- Charging Load: 8.8kW (35 Miles per Hour)
- Charger Connector: SAE J1772 Type 1
- Charger Cable Length: 25ft
- Display: 5*8 Dot Matrix
- Indications: LED with multiple colors (RGB)

Communication

- 4G LTE
- Data Protocol: OCPP 1.6J

Housing

- Size: 11.1" x 7.6" x 3.1"
- Weight : 13 lbs
- Material: Polycarbonate

Warranty

- 3-year limited warranty

Meteor Software Maintenance Service

- 1 - 3 Year management plan
- Software Provider: Wevo
- Real time analytics & reporting
- Station Management and remote trouble shooting
- Revenue Collection & Direct Deposit
- Advanced load management
- Driver RFID card access

Listing

- UL 1998/2231/2594
- FCC
- IP65
- IK10

SPECIFICATION SHEET

CL-B ARCHITECTURAL LIGHT BOLLARD WITH INTEGRATED EV CHARGER

METEOR

PERFORMANCE SUMMARY

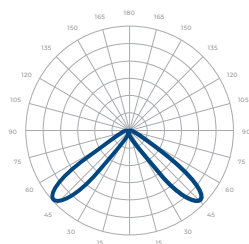
Light Bollard Delivered Lumens			
CCT/WATTAGE	3000K	3500K	4000K
40W	1,200lm	1,220lm	1,250lm

Light Bollard Current Consumption		
WATTAGE / VOLT	220V	240V
40W	0.2A	0.18A

EV Charger Current Consumption		
WATTAGE / VOLT	220V	240V
8.8kW	48A	36.6A

PHOTOMETRICS

Below is a typical photometric representation of the EV B-Charge fixture. Please download IES files to ensure exact photometric value.



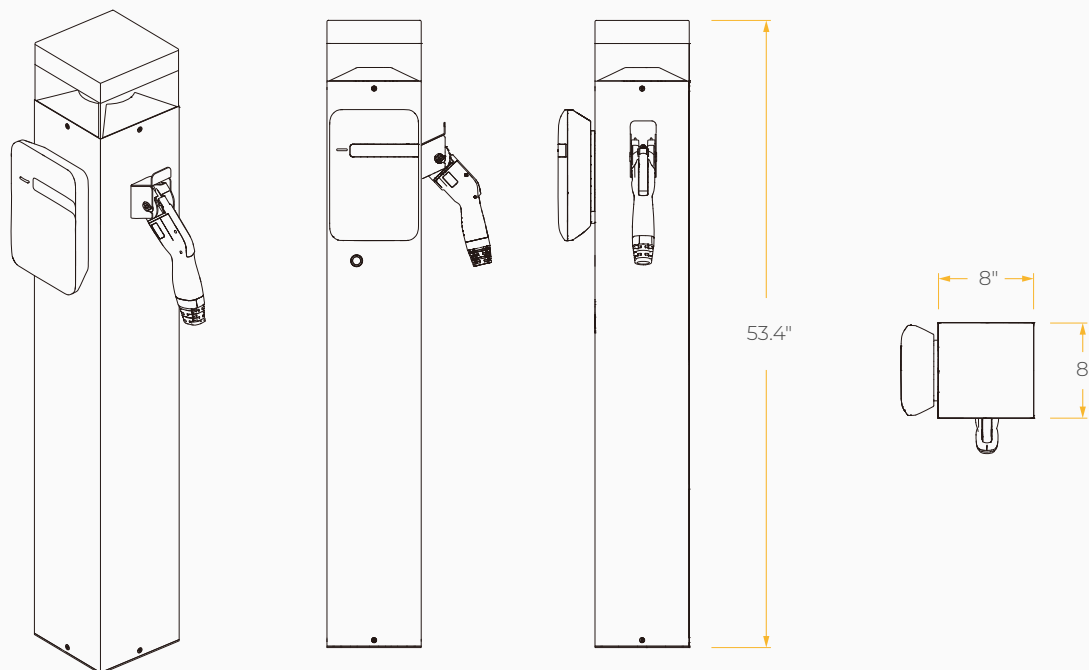
Asymmetric

SPECIFICATION SHEET

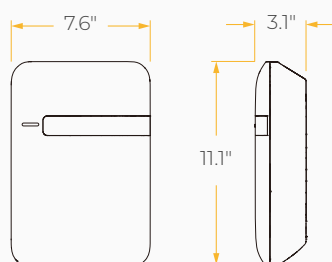
CL-B ARCHITECTURAL LIGHT BOLLARD WITH INTEGRATED EV CHARGER

METEOR

DIMENSIONS



Charger Console



Charger Handle
SAE J1772 Type 1

