



Outdoor Rectangular COB LED Bollard, 10 W, 410 lm, IP65, 120 x 800 mm Black Aluminum

- Cree CXA1507 COB emitter rated 410 lm at 10 W
- Field-selectable 3000 K, 4000 K and 5000 K output
- IP65 aluminum housing in black for outdoor exposure
- 120-277 V, 50/60 Hz input with power factor above 0.9
- 74-degree beam distribution at 80 CRI
- -40 to 50 C ambient range and 50,000-hour rated life

OVERVIEW

A rectangular outdoor bollard luminaire measuring 120 × 800 mm, built on a die-formed aluminum housing with a black finish. Fixed-mount installation suits walkway edges, parking areas, entry plazas and landscape borders where a low-level, glare-controlled light source is required.

A single Cree CXA1507 COB emitter delivers 410 lm at 10 W for an efficacy of 41 lm/W, with a 74-degree beam distribution and 80 CRI. Color temperature is field selectable across 3000 K, 4000 K and 5000 K. The constant-current driver operates on 120-277 V at 50/60 Hz with a power factor above 0.9 and 240 mA output. IP65 construction and a -40 to 50 C ambient range support continuous outdoor service, with a rated life of 50,000 hours.

Covered by a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	410 lm
Efficacy	41 lm/W
Color Temperature	3,000 K
Selectable CCT	Yes
CRI	80
Beam Angle	74°
LED Chip Type	Cree CXA1507 COB
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	120 × 800 mm
Finish	Black
Material	Aluminium
Mounting	Fixed installation

ELECTRICAL

Operating Voltage	110-277 V
Wattage	10 W
Current Draw	0.24 A

ENVIRONMENTAL

IP Rating	IP65
Environmental Rating	Waterproof
Ambient Operating Temperature	-40-50 °C -40-122 °F

ORDERING

Warranty

5 y

DIMENSIONS & DIAGRAMS

Product Size	Length (mm)	80
	Width (mm)	120
	Height (mm)	650/800
Life	Life time(Hrs)	40000
	Ambient Temperature and working temperature	Outdoor use: -40~50℃
	Warrtany(year)	5years

INSTALLATION

APPLICATIONS

- Pedestrian walkways and pathways
- Parking lot islands and perimeters
- Building entry plazas
- Landscape and planting bed borders
- Campus and commercial site lighting

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slug	value	source	confidence
lumens	410 lm	pdf	high
efficacy_lm_per_w	41 lm/W	pdf	high
cct_k	3,000 K	pdf	high
cct_selectable	Yes	db	high
cri	80	pdf	high
beam_angle_deg	74°	pdf	high
led_chip_type	Cree CXA1507 COB	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	110~277 V	pdf	high
wattage	10 W	pdf	high
current_draw	0.24 A	pdf	medium
product_dimensions	120 × 800 mm	pdf	high
finish	Black	db	high
material	Aluminium	db	high
mount_type	Fixed installation	pdf	high
ip_rating	IP65	both	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-40~50 °C	pdf	high
warranty_years	5 y	db	high

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