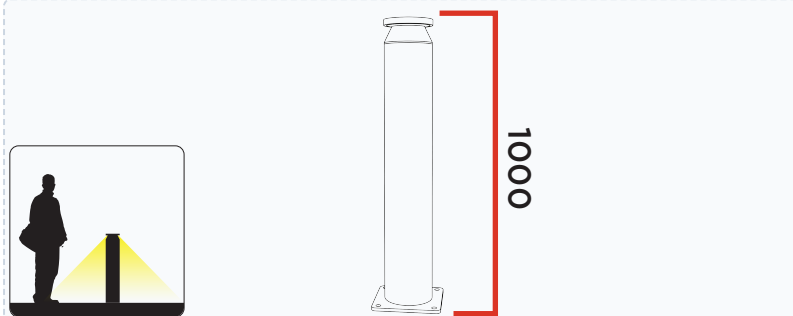
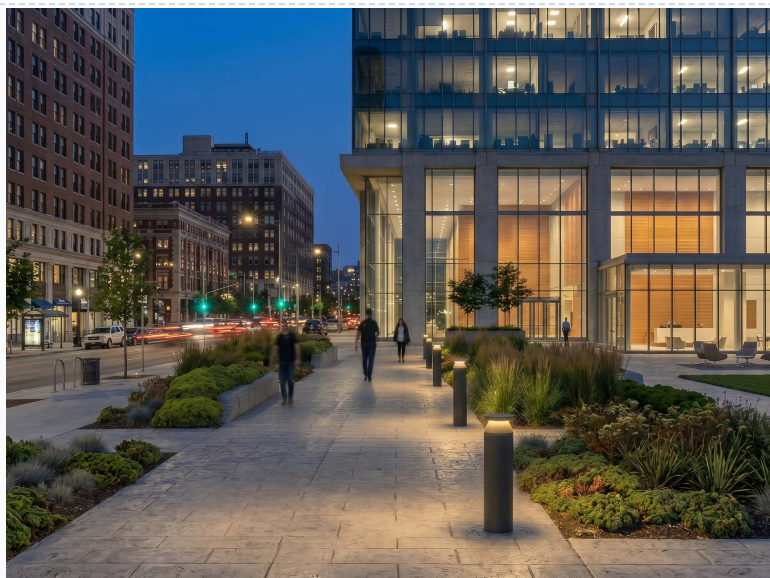




OptoSmart

HeeraLighting Bollard

**DARKSKY
APPROVED
LUMINAIRE**


**5-20
Watts**
**3000
-
6500K**
IP66
IK08
IoT Ready

■ Application & Environment

Product Type	Lighting Bollard
Application Areas	City, Residential Areas, Promenades
Light Distribution	Asymmetrical

■ Mechanical Details

Luminaire & Base Body	Aluminum Body
Heatsink	Aluminum Injection
Diffuser Options	Optic Lens
Fasteners	A4 Stainless Steel (EN ISO 3506-1)
Final Coating	Electrostatic Powder

■ Electrical Details

Input Voltage / Freq.	220-240 VAC 50/60 Hz
Power Consumption	5-20W
Power Factor	>0.9
Drive Current	400mA-1500mA
Surge Protection (Optional)	4kV, Internal

■ Components & Optics

LED Chip Type	Power / Mid Power LED
LED Brands	Cree, LUMILEDS
LED Driver	Meanwell, OSRAM
PCBs	1.60mm Aluminum Board
Optics Brand	LEDIL

■ Connectivity & Standards

Control Options	ON/OFF, DALI
Color Rendering (CRI)	>80
Cables	2x0.75mm / 3x1.50mm
Connectors	3 Pin Solder I Type Female-Male Waterproof (Optional)
Certifications	DarkSky, ISO, ROHS, CE

Product Code	Power	CCT (K)	CRI	Luminous Flux
Heera-DS-10W-30K	10W	3000	>80	1100lm
Heera-DS-20W-40K	20W	4000	>80	2200lm

