5 Years
Product Warranty
UK Only

Arden 2 Dome Sensor

Kosnic
LIGHTING • SIMPLY BETTER

08409 ARDD20T-GRY/S

Arden 2 sensor Aluminium bollard 120x1015mm 20W CCT switch

- Die-cast aluminium body with polycarbonate diffuser
- Options of various heights
- Internal stainless steel reflector
- Black or dark grey textured powder coat finishing
- Sensor options available
- Root mount included



Overview

The Arden LED Bollards offer affordable products with high lumen efficiency and a long life. The weather resistant bollards are perfectly suited for commercial and domestic outdoor illumination and is available in black or grey with a choice of wattage and height.

IP65

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK10
IP Rating	IP65
Protection Rating	Class I
Installation Area	External
L80B10 Lifetime (h) @Ta 25 °C	54,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-1:2021
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

Technical Summary	
Product Code	ARDD20T-GRY/S
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	17.3A/296us
Default Power	20 W
Power Factor	0.97
Settable Colour Temperatures	3000K, 4000K, 5000K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<5%
Lumens Output Maximum	1,550 lm
Maximum Efficiency	78 lm/W
L70B50 Lifetime (h) @Ta 25 °C	54,000 h
L80B10 Lifetime (h) @Ta 25 °C	54,000 h
L90B10 Lifetime (h) @Ta 25 °C	27,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	5.33Kg
Dimensions (L x W x D) (mm)	1020x∅120
LS Energy Efficiency Class	D
RAL	7016
Sensor Function	Daylight harvesting

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Overview

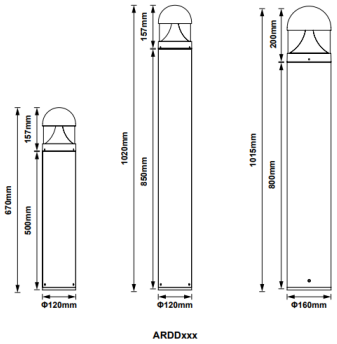
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CCT	Luminous Flux (lm)	Light Source Luminous Flux (lm)	Chromaticity Co-Ordinates (x)	Chromaticity Co-Ordinates (y)
3000k	1450	2600	0.436	0.405
4000k	1550	2800	0.390	0.380
5000k	1450	2600	0.350	0.362



Sensor Type	Passive Infra-Red
Input Voltage	220-240Vac 50/60Hz
Working Mode	On/Off
Stand-by Power	<0.5 W
Protection	IP44
Load	100W (resistive) @ 230Vac
Detection Area Radius	10m (Max)
Detection Angle	120°
Hold time	Adjustable 10s to 10mins
Daylight Sensor	Adjustable 10lux to daylight
PIR Sensor Override	No

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