HARMONY
Energy Lighting Solutions

LED BOLLARD

Dara

Product code: 10 01 DC BLD 001



Dara is an outdoor LED bollard. With an aluminium housing, it offers IP67 protection, Ra>80 (optional Ra>90) colour rendering, 2700K–6500K and RGB colour temperatures and DALI/Switch DIM/Triac/Astrodim/wireless control. It is used along garden paths, walkways, residential sites and car parks and comes with a 3-year warranty.

POWER	LUMINOUS FLUX	EFFICACY
10–20 W	**899–2,195 lm**	**90–110 lm/W**

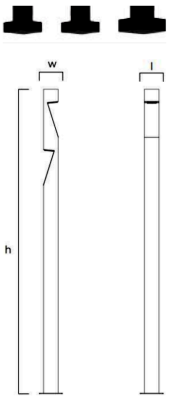
COLOUR RENDERING	IP RATING	WARRANTY
Ra > 80 / 90	**IP67**	**3 years**

IP 67 · CE · CRI>80 · CRI>90

KEY FEATURES

- Housing with aluminium heat sink
- Optional height and head
- High-transmission, UV-resistant PC optical lens
- Corrosion-resistant electrostatic powder coating

DIMENSIONS (MM)



TECHNICAL DATA

Electrical class	Class II
IP rating	IP67
Housing	Aluminium
Mounting	Pole / anchor-bolted
LED	Samsung, Bridgelux, Lumileds
Driver	Philips, Osram, Tridonic, Eaglerise, Lifud
Input voltage	220–240 V AC / 50–60 Hz
LED lifetime	50,000 h (L80B10)
Dimensions	Optional
Warranty	3 years
Origin	Türkiye

Technical values are subject to a ±10% tolerance. Efficacy is calculated by dividing luminous flux by nominal power. Harmony ELS reserves the right to make changes to products without prior notice.

Harmony ELS Energy Lighting Solutions
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LIGHT AND POWER OPTIONS

Code	Power	Current	830 3000K · Ra>80	840 4000K · Ra>80	930 3000K · Ra>90	940 4000K · Ra>90
10 01 DC BLD 001-10	10 W	350 mA	1,050	1,098	899	946
10 01 DC BLD 001-20	20 W	700 mA	2,100	2,195	1,798	1,891

Luminous flux (lm). The colour code is added to the end of the order code (e.g. -840): the first digit is colour rendering (8 = Ra>80, 9 = Ra>90), the last two are colour temperature (30 = 3000K, 40 = 4000K).

CUSTOMISATION

COLOUR TEMPERATURE

2700K · 3000K · 3500K · 4000K · 5000K · 5700K · 6500K · RGB

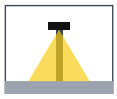
DRIVER AND CONTROL

- Standard driver (on/off)
- DALI
- Switch DIM
- Triac
- Wireless control
- Astrodim

BEAM ANGLE



MOUNTING


Pole

HOUSING COLOUR

01 White
03 Black
04 Grey
06 Any RAL colour

Up-to-date information and all options
https://harmonyels.com/en/product/dara

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