

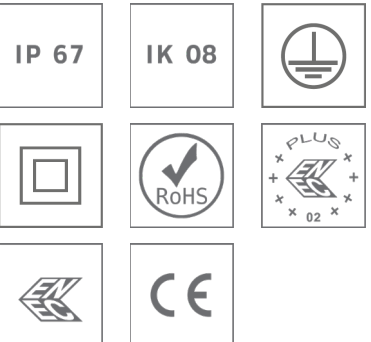
BORA EXPLORA GEN2



The modern lighting bollard that blends into your urban landscape

BORA EXPLORA GEN2 allies a modern shape to a discreet design to subtly blend into any landscape. This lighting bollard has been designed to efficiently light urban spaces such as parks, squares, pedestrian areas, bike path and city centers. It delivers the right lumen package to gently guide people through your city and create a feeling of well-being and security.

Available with one or two LED lighting modules, this inventive bollard is capable of delivering lighting up to 180° orientation.



Concept

BORA EXPLORA GEN2 is made of strong materials such as aluminium for the body, column and cover, and polycarbonate for the protector. This design makes the BORA EXPLORA GEN2 a robust lighting bollard. Its silicone gasket ensures an IP67 tightness level.

BORA EXPLORA GEN2 is available with one or two lighting modules that can be positioned either in the same direction or at 180° to provide lighting on both sides of the bollard. The second option allows considerable cost savings by using only one bollard to emit light in two different directions. The aluminium louvres placed on the photometric engines direct the light in the preferred direction, to provide the right light at the right place and prevent light pollution.

With its discreet, modern design, BORA EXPLORA GEN2 combines aesthetics and functionality to create an atmosphere of safety and well-being in your urban spaces.



BORA EXPLORA GEN2 is available with one or two lighting modules.



The lighting modules can be positioned in the same direction or in opposite directions, to emit light at up to 180°.

TYPES OF APPLICATION

- URBAN & RESIDENTIAL STREETS
- BIKE & PEDESTRIAN PATHS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS

KEY ADVANTAGES

- Extra high tightness level (IP 67)
- Robust yet discreet design to blend into any environment
- Specifically conceived for lighting urban spaces
- No light pollution



The louvres prevent light pollution and bring visual comfort.



BORA EXPLORA GEN2 has a modern design blending into any urban landscape.

BORA EXPLORA GEN2 | One lighting module



BORA EXPLORA GEN2 | Two lighting modules





LensoFlex®2

LensoFlex®2 is based upon the addition principle of photometric distribution. Each LED is associated with a specific PMMA lens that generates the complete photometric distribution of the luminaire. The number of LEDs in combination with the driving current determines the intensity level of the light distribution.



GENERAL INFORMATION

Driver included	Yes
CE mark	Yes
ENEC certified	Yes
ENEC+ certified	Yes
ROHS compliant	Yes

HOUSING AND FINISH

Housing	Aluminium
Optic	Aluminium reflector PMMA
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard colour(s)	AKZO grey 900 sanded
Tightness level	IP 67
Impact resistance	IK 08
Vibration test	Compliant with modified IEC 68-2-6 (0.5G)

OPERATING CONDITIONS

Operating temperature range (Ta)	-30°C up to +30°C / -22°F up to 86°F
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· Depending on the luminaire configuration. For more details, please contact us.

ELECTRICAL INFORMATION

Electrical class	Class I EU, Class II EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.9
Electromagnetic compatibility (EMC)	EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547
Control protocol(s)	DALI

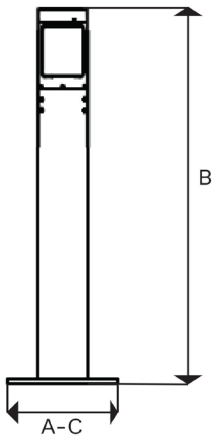
OPTICAL INFORMATION

LED colour temperature	2700K (Warm White 727)
	3000K (Warm White 730)
	4000K (Neutral White 740)
Colour rendering index (CRI)	>70 (Warm White 727)
	>70 (Warm White 730)
	>70 (Neutral White 740)

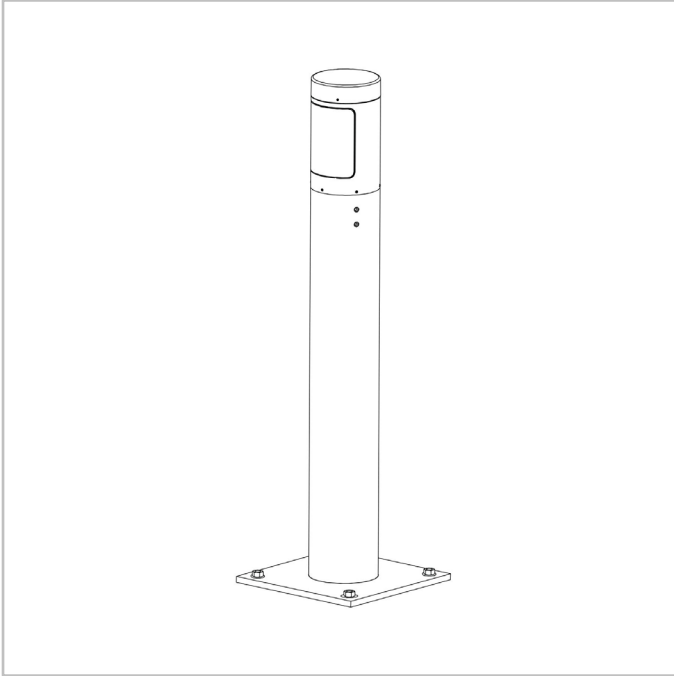
Upward Light Output Ratio (ULOR)	<3%
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DIMENSIONS AND MOUNTING

AxBxC (mm inch)	114.3x1020x114.3 4.5x40.2x4.5
Weight (kg lbs)	6.7 14.7
Mounting possibilities	On-ground mounting



BORA EXPLORA GEN2 | Standard floor mounting on a square plate





Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Warm White 727		Luminaire output flux (lm) Warm White 730		Luminaire output flux (lm) Neutral White 740		Power consumption (W)	Luminaire efficacy (lm/W)
			Min	Max	Min	Max	Min	Max		
BORA EXPLORA GEN2	8	350	400	400	400	500	500	500	9.9	51
	8	400	500	500	500	500	500	600	11.2	54
	8	500	600	600	600	700	600	700	13.8	51
	8	600	700	700	700	800	800	800	16.6	48
	8	700	800	800	800	900	900	900	19.5	46
	16	350	900	900	900	1000	1000	1000	18	56

Tolerance on LED flux is $\pm 7\%$ and on total luminaire power $\pm 5\%$

6372 Horizontal louvers

