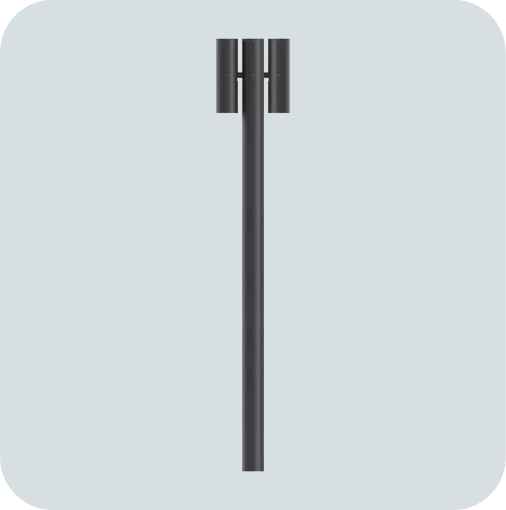
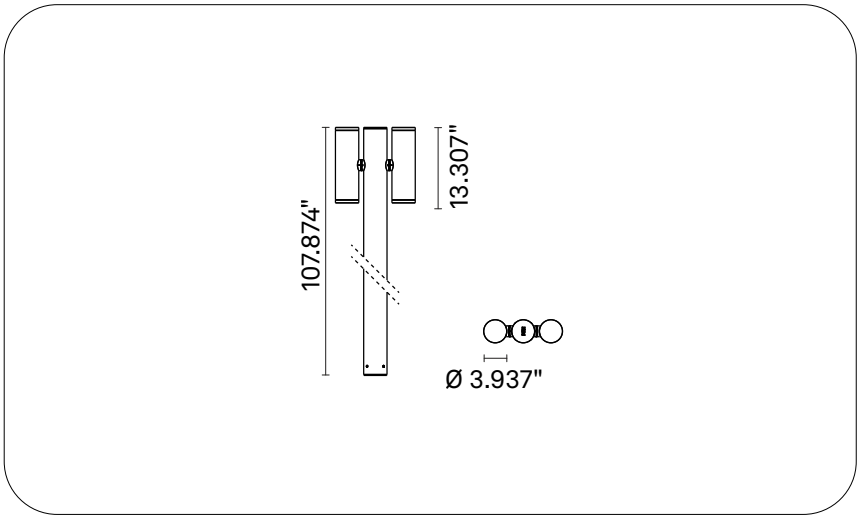
NERI

Project location:	Fixture type: Qty:
Project name:	Notes:

NEBULA BOLLARD | LUMINAIRE | 2 LIGHT SOURCES | H 108”





IP66 IK08 cULus

ORDERING INFORMATION / GUIDE

Example**: BONEB04-U-D65-830-L030-SP-V0-F35-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D02 T2	**827** Ra80 2700 K	**L011** 1100 lm	**SP** Prismatic	**V0** 120V-277V	**F35** 0-10V+CLO	**MU** UL	**CN0** Grey [Neri] Textured
D22 T3 narrow	**830** Ra80 3000 K	**L020** 2000 lm					
D10 T4	**840** Ra80 4000 K	**L030** 3000 lm					
D30 T5 square medium	**XAM** Amber						
D65 T5 round							

Generated code: **BONEB04 - U** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

CONFIGURATION NOTES
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

ON REQUEST
Non-standard variants and configurations available upon request. Please contact Neri for further information.

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NEBULA BOLLARD | LUMINAIRE | 2 LIGHT SOURCES | H 108”

SOURCE
COB LED.

Energy-efficiency class: C
LED forward current: 219-700 mA
Power rating: 7.1-19.3 W
Nominal Flux: 1100-3000 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K, Amber
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L90 = 100000 h (Ts = 105 °C, 945 mA), L80 = 60000 h (Ts = 105 °C, 700 mA)

LIGHTING CHARACTERISTICS
Single silicone lens.

Optics: T2, T3 narrow, T4, T5 square medium, T5 round
Optical efficiency: LOR = 100% ULOR = 2-7%
LED quantity: 2
Cutoff Angle: Cutoff C = 0, 90° γ = 26, 59°
Luminous flux: 1100-3000 lm
Luminous efficacy: 25-112 lm/W
BUG: B=1, U=2-3, G=1
Photobiological safety: RG0 - Exempt risk, RG1 - Low risk

ELECTRICAL CHARACTERISTICS
Luminaire power: 18-44.7 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 0-10V+CLO
Ambient temperature: -31 °F / +122 °F
Driver included: Yes
Cable type: 5GAWG18 SJTW
Cable length: 11.483 ft
Surge protection: 10kV CM - 6kV DM

MECHANICAL CHARACTERISTICS
Extruded aluminum and aluminum sheet structure with integrated die-cast aluminum heat sink.
Protective screen in extra-clear tempered flat glass, available in transparent or prismatized finishes.
Fixing via adjustable joint with stepped tilt adjustment (0° / ±30° / ±45°) or continuous adjustment within ±45°, locked by two stainless steel M6 grub screws.
Exposed screws in stainless steel or with a burnished finish to ensure high corrosion resistance.

Height: 107.874 in
Section: Base/Top 3.937/3.937 in
Weight: 44.09 lb
EPA: 1.83 ft²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [Neri] Textured

INSTALLATION
Fixing via two stainless steel M6 grub screws.
Possibility of free adjustment (±45°) without intermediate steps.
Joint with tilt adjustment (0° / ±30° / ±45° steps).
Flange Ø 9.055” (0.197” thick), secured to a foundation plinth with three anchor bolts.
Installation with the flange concealed, positioned 3.937” below the finished paving level, is recommended.
Joint with tilt adjustment (0° / ±30° / ±45° increments).
Continuous tilt adjustment (±45°), without preset increments, is also possible.
Secured with two stainless steel set screws.

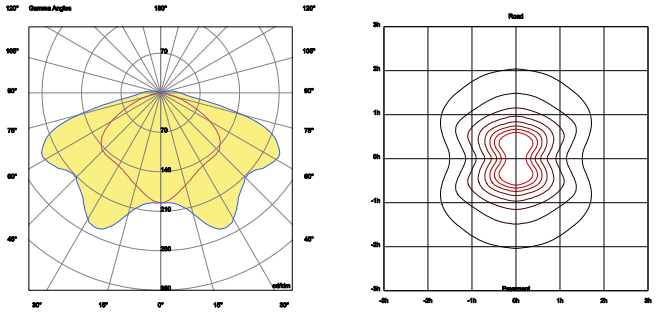
WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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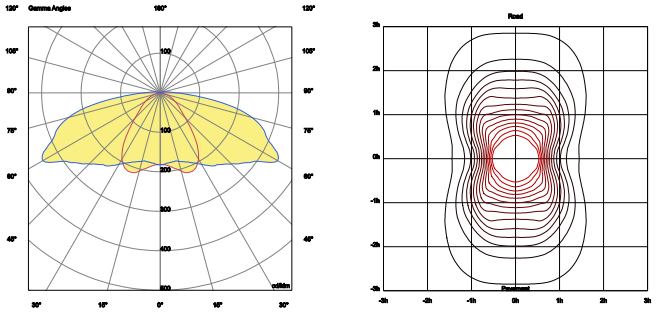
Optic: T2

Lens: Prismatic



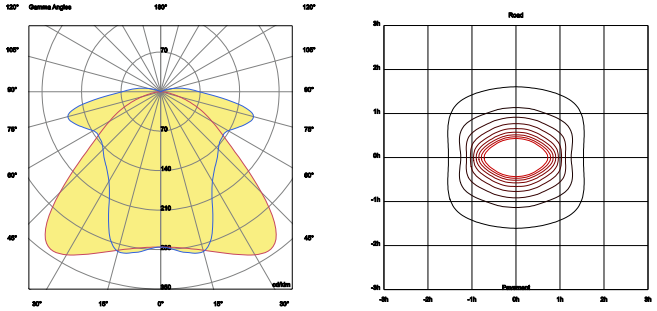
Optic: T4

Lens: Prismatic



Optic: T5 round

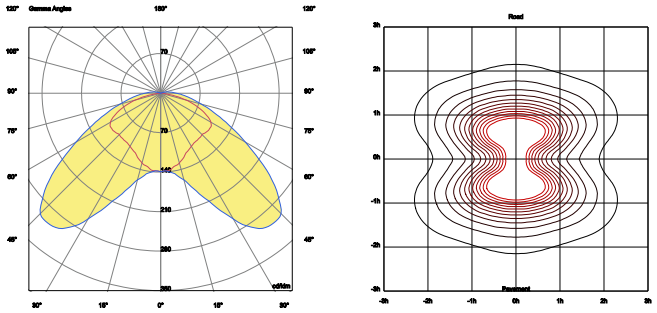
Lens: Prismatic



Amber

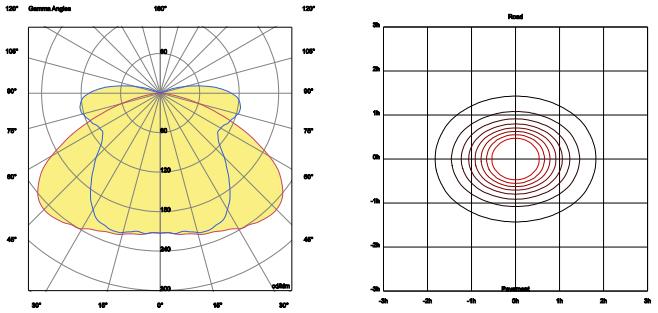
Optic: T3 narrow

Lens: Prismatic



Optic: T5 square medium

Lens: Prismatic



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NEBULA BOLLARD | LUMINAIRE | 2 LIGHT SOURCES | H 108”

Optic: T2 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
2000 lm	2700 K	9.3	108	2	226	7.3	274	1	2	1
2000 lm	3000 K	9.1	110	2	221	7.2	278	1	2	1
2000 lm	4000 K	9	111	2	219	7.1	282	1	2	1
3000 lm	2700 K	13.9	108	2	347	11.4	263	1	2	1
3000 lm	3000 K	13.7	110	2	339	11.2	268	1	2	1
3000 lm	4000 K	13.5	112	2	335	11	273	1	2	1

Optic: T3 narrow — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1100 lm	Amber	22.4	25	2	700	19.3	57	1	2	1

Optic: T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
2000 lm	2700 K	9.3	108	2	226	7.3	274	1	2	1
2000 lm	3000 K	9.1	110	2	221	7.2	278	1	2	1
2000 lm	4000 K	9	111	2	219	7.1	282	1	2	1
3000 lm	2700 K	13.9	108	2	347	11.4	263	1	2	1
3000 lm	3000 K	13.7	110	2	339	11.2	268	1	2	1
3000 lm	4000 K	13.5	112	2	335	11	273	1	2	1

Optic: T5 square medium — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1100 lm	Amber	22.4	25	2	700	19.3	57	1	3	1

Optic: T5 round — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
2000 lm	2700 K	9.3	108	2	226	7.3	274	1	3	1
2000 lm	3000 K	9.1	110	2	221	7.2	278	1	3	1
2000 lm	4000 K	9	111	2	219	7.1	282	1	3	1
3000 lm	2700 K	13.9	108	2	347	11.4	263	1	3	1
3000 lm	3000 K	13.7	110	2	339	11.2	268	1	3	1
3000 lm	4000 K	13.5	112	2	335	11	273	1	3	1

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