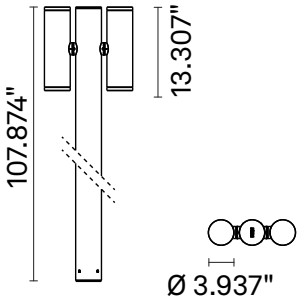
NERI

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

Nebula Bollard | Luminaire | 2 light sources | H 108”



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.

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

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	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).

WARNINGS

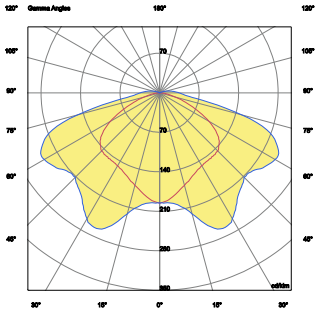
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

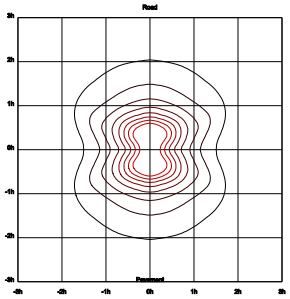
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

Nebula Bollard | Luminaire | 2 light sources | H 108”

Optic: T2

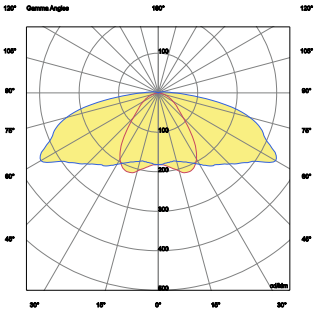
Lens: Prismatic

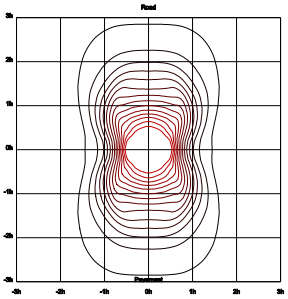




Optic: T4

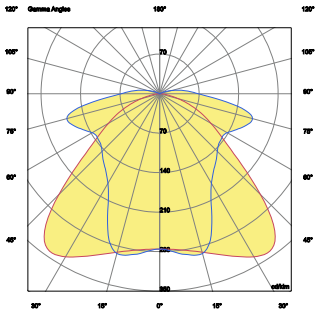
Lens: Prismatic

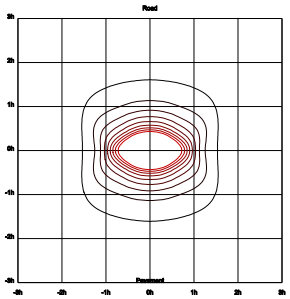




Optic: T5 round

Lens: Prismatic

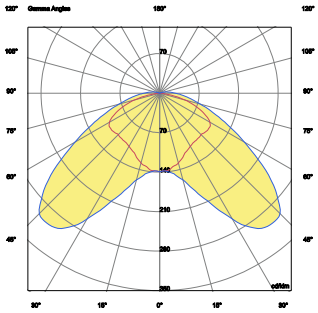


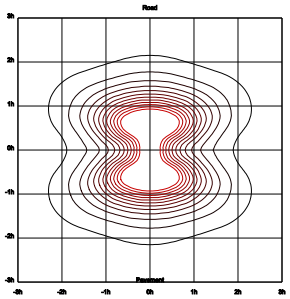


Amber

Optic: T3 narrow

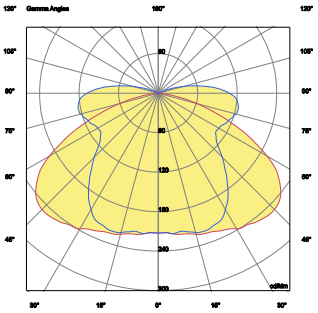
Lens: Prismatic

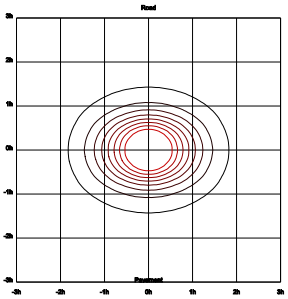




Optic: T5 square medium

Lens: Prismatic





Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

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

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.