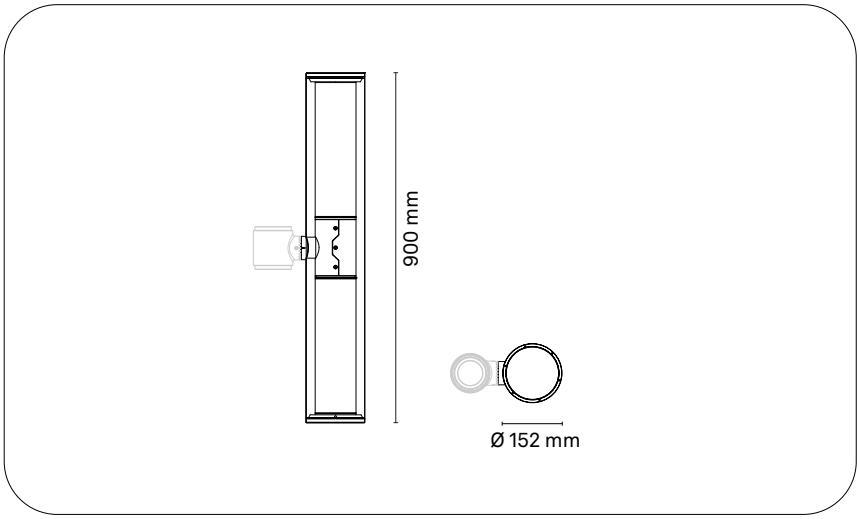
NERI

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

NEBULA VENEZIA | LUMINAIRE





IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example: **LUNEBV0-N-D33-827-L010-ST-V1-F06-M2-CGT**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D29 Medium Wide Flood	**827** Ra80 2700 K	**L010** 1000 lm	**ST** Transparent	**V1** 220V-240V	**F06** DALI+CLO	**M2** Class II	**CGT** Grey [RAL 9006] TXT + Clear ribbed
D69 Wide Flood	**830** Ra80 3000 K	**L015** 1500 lm	**SP** Prismatic		**F14** NVL6H+CLO		
D33 Flood	**840** Ra80 4000 K	**L025** 2500 lm					
D16 Flood							
D01 Type I							
D03 Type II							
D11 Type IV							
D14 Type V							

Generated code: **LUNEBV0 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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 VENEZIA | LUMINAIRE

SOURCE

COB LED.

Energy-efficiency class: D, E
LED forward current: 158-816 mA
Power rating: 7.5-20.1 W
Nominal Flux: 1000-2500 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3, ≤5
Rated lifetime: L80B10 75000 h @ Tq = 25 °C,
L80B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Single silicone lens.
RGBA LED module for decorative lighting, DMX controlled.

Optique: Medium Wide Flood, Wide Flood, Flood, Type I, Type II, Type IV, Type V
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1, 8
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 90° γ = 0, 48°
Luminous flux: 1000-2500 lm
Luminous efficacy: 68-113 lm/W
Maximum luminous intensity γ 90°: ≤0.03 cd/klm
Luminous intensity class: G*3, G*6
IPEA: Road C / A4+, Urban C / A5+, Ped C / A4+, Park C / A4+, Art A++ / A7+
BUG: B=0-2, U=0-2, G=0
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 9.7-23.6 W
Power supply: 220V-240V~ 50/60Hz
Power factor: ≥0.99
Insulation class: Class II
Control type - driver: DALI+CLO, NVL6H+CLO
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -35 °C / +35 °C

Driver included: Yes
Cable type: H07RN-F 2X1.5mm², H07RN-F 4X1.5mm²
Cable length: 9 m
Surge protection: 10kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure made of extruded aluminum and sheet aluminum with an external frame and integrated heat sink in cast aluminum.
External cylindrical cover in PMMA.
Protective screen in extra-clear tempered flat glass, transparent or prismatized, with silicone gaskets and exposed stainless steel or burnished screws.
Central aluminum sheet cover for access to the tilt adjustment compartment.
Equipped with an osmotic valve for internal/external pressure balancing.

Diameter: 155 mm
Height: 900 mm
Weight: 7 kg
Wind-exposed area: 0.14 m²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [RAL 9006] TXT + Clear ribbed

INSTALLATION

Fixing via adjustable joint with continuous ±45° regulation and locking by means of two M6 grub screws with stainless steel locknuts.
Joint with tilt adjustment.
Infinite adjustment possible without intermediate steps.
Fastening via four M8 stainless steel grub screws with locknuts.

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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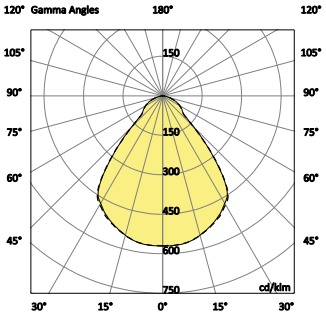
NEBULA VENEZIA | LUMINAIRE

Optic: Medium Wide Flood

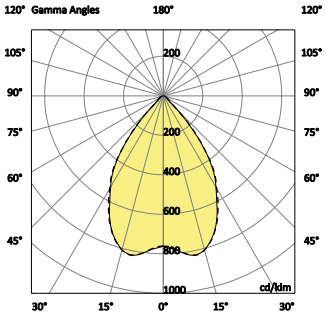
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	81	
1	1.71	570
2	3.42	143
3	5.12	63
4	6.83	36
5	8.54	23

Optic: Wide Flood

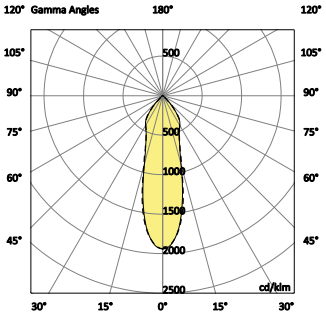
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	71	
1	1.43	761
2	2.85	190
3	4.28	85
4	5.71	48
5	7.13	30

Optic: Flood

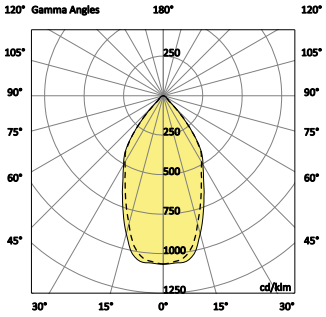
Screen finish: Transparent



H [m]	D1 [m]	D2 [m]	Emax [lx]
	28	29	
1	0.5	0.52	1940
2	1	1.03	485
3	1.5	1.55	216
4	1.99	2.07	121
5	2.49	2.59	78

Optic: Flood

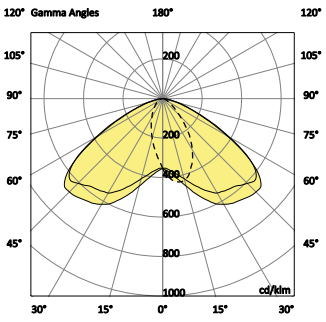
Screen finish: Transparent

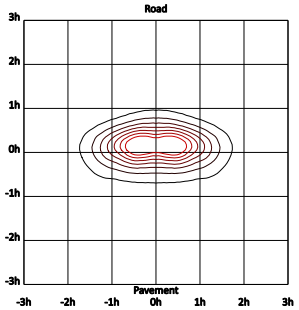


H [m]	D1 [m]	D2 [m]	Emax [lx]
	57	54	
1	1.09	1.02	1065
2	2.17	2.04	266
3	3.26	3.06	118
4	4.34	4.08	67
5	5.43	5.1	43

Optic: Type I

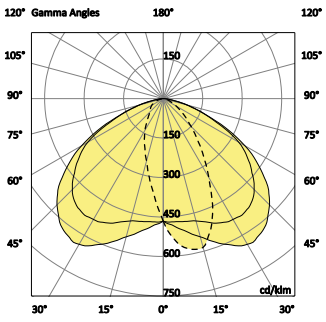
Screen finish: Prismatic

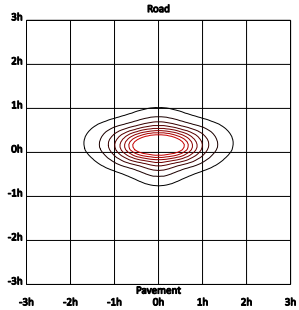




Optic: Type II

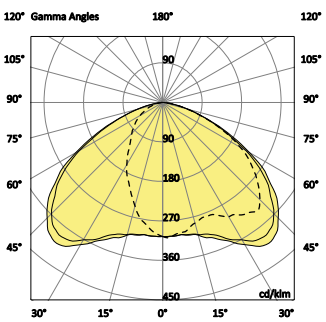
Screen finish: Prismatic

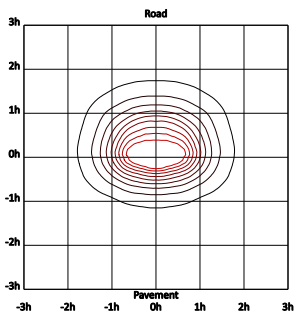




Optic: Type IV

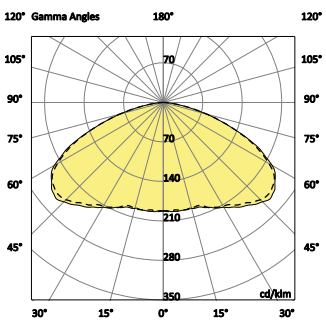
Screen finish: Prismatic

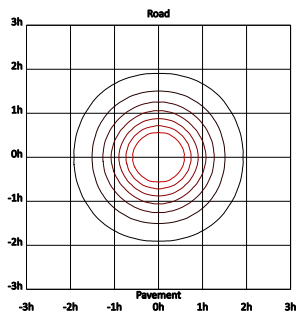




Optic: Type V

Screen finish: Prismatic





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NEBULA VENEZIA | LUMINAIRE

Optic: Medium Wide Flood — **Screen finish:** Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
1000 lm	2700 K	10.3	97	1	171	8	125	A++	A++	A+	A+	A5+
1000 lm	3000 K	10	100	1	164	7.7	130	A++	A3+	A++	A++	A5+
1000 lm	4000 K	9.7	103	1	161	7.5	133	A3+	A3+	A++	A++	A6+
1500 lm	2700 K	14.7	102	1	250	11.8	127	A++	A3+	A++	A++	A6+
1500 lm	3000 K	14.2	106	1	240	11.4	132	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.9	108	1	234	11.1	135	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.6	106	1	418	20.1	124	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.7	110	1	400	19.3	130	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	22.1	113	1	390	18.7	134	A4+	A5+	A4+	A4+	A7+

Optic: Wide Flood — **Screen finish:** Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
1000 lm	2700 K	10.3	97	1	171	8	125	A++	A++	A+	A+	A5+
1000 lm	3000 K	10	100	1	164	7.7	130	A++	A3+	A++	A++	A5+
1000 lm	4000 K	9.7	103	1	161	7.5	133	A3+	A3+	A++	A++	A6+
1500 lm	2700 K	14.7	102	1	250	11.8	127	A++	A3+	A++	A++	A6+
1500 lm	3000 K	14.2	106	1	240	11.4	132	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.9	108	1	234	11.1	135	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.6	106	1	418	20.1	124	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.7	110	1	400	19.3	130	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	22.1	113	1	390	18.7	134	A4+	A5+	A4+	A4+	A7+

Optic: Flood — **Screen finish:** Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
1000 lm	2700 K	10.3	97	1	171	8	125	A++	A++	A+	A+	A5+
1000 lm	3000 K	10	100	1	164	7.7	130	A++	A3+	A++	A++	A5+
1000 lm	3000 K	10	100	1	158	7.7	130	A++	A3+	A++	A++	A5+
1000 lm	4000 K	9.7	103	1	161	7.5	133	A3+	A3+	A++	A++	A6+
1500 lm	2700 K	14.7	102	1	250	11.8	127	A++	A3+	A++	A++	A5+
1500 lm	3000 K	14.2	106	1	240	11.4	132	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.9	108	1	234	11.1	135	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.6	106	1	418	20.1	124	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.7	110	1	400	19.3	130	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	22.1	113	1	390	18.7	134	A4+	A5+	A4+	A4+	A7+

Optic: Flood — **Screen finish:** Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
1000 lm	2700 K	10.3	97	1	171	8	125	A++	A++	A+	A+	A5+
1000 lm	3000 K	10	100	1	164	7.7	130	A++	A3+	A++	A++	A5+
1000 lm	4000 K	9.7	103	1	161	7.5	133	A3+	A3+	A++	A++	A6+
1500 lm	2700 K	14.7	102	1	250	11.8	127	A++	A3+	A++	A++	A6+
1500 lm	3000 K	14.2	106	1	240	11.4	132	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.9	108	1	234	11.1	135	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.6	106	1	418	20.1	124	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.7	110	1	400	19.3	130	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	22.1	113	1	390	18.7	134	A4+	A5+	A4+	A4+	A7+

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NEBULA VENEZIA | LUMINAIRE

Optic: Type I

Screen finish: Prismatic

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1000 lm	2700 K	13.9	72	8	492	11.1	90	C	B	C	C	A
1000 lm	3000 K	13.3	75	8	468	10.6	94	B	B	B	B	A+
1000 lm	4000 K	12.6	79	8	441	10	100	B	A	B	B	A++
1500 lm	2700 K	22.2	68	8	816	18.8	80	C	C	C	C	A
1500 lm	3000 K	21	71	8	773	17.7	85	C	B	C	C	A
1500 lm	4000 K	19.9	75	8	725	16.6	90	B	B	B	B	A+

Optic: Type II

Screen finish: Prismatic

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1000 lm	2700 K	13.9	72	8	492	11.1	90	C	B	C	C	A
1000 lm	3000 K	13.3	75	8	468	10.6	94	B	B	B	B	A+
1000 lm	4000 K	12.6	79	8	441	10	100	B	A	B	B	A++
1500 lm	2700 K	22.2	68	8	816	18.8	80	C	C	C	C	A
1500 lm	3000 K	21	71	8	773	17.7	85	C	B	C	C	A
1500 lm	4000 K	19.9	75	8	725	16.6	90	B	B	B	B	A+

Optic: Type IV

Screen finish: Prismatic

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1000 lm	2700 K	13.9	72	8	492	11.1	90	C	B	C	C	A
1000 lm	3000 K	13.3	75	8	468	10.6	94	B	B	B	B	A+
1000 lm	4000 K	12.6	79	8	441	10	100	B	A	B	B	A++
1500 lm	2700 K	22.2	68	8	816	18.8	80	C	C	C	C	A
1500 lm	3000 K	21	71	8	773	17.7	85	C	B	C	C	A
1500 lm	4000 K	19.9	75	8	725	16.6	90	B	B	B	B	A+

Optic: Type V

Screen finish: Prismatic

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1000 lm	2700 K	13.9	72	8	492	11.1	90	C	B	C	C	A
1000 lm	3000 K	13.3	75	8	468	10.6	94	B	B	B	B	A+
1000 lm	4000 K	12.6	79	8	441	10	100	B	A	B	B	A++
1500 lm	2700 K	22.2	68	8	816	18.8	80	C	C	C	C	A
1500 lm	3000 K	21	71	8	773	17.7	85	C	B	C	C	A
1500 lm	4000 K	19.9	75	8	725	16.6	90	B	B	B	B	A+

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