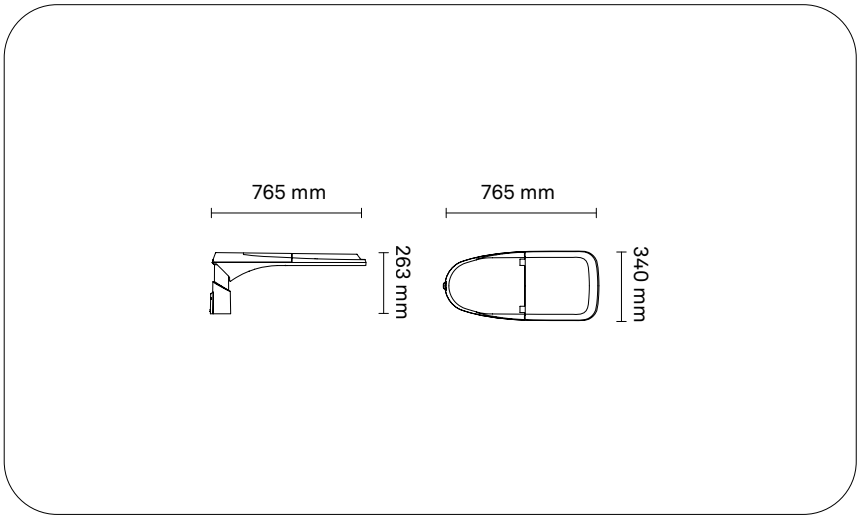
NERI

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

ANTARES | LUMINAIRE | ANTARES L





CE IP66 IK09 Classe II

ORDERING INFORMATION / GUIDE

Example: **LUANT01-N-D28-727-L105-ST-V1-F27-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D28 Type I - Center road	**727** Ra70 2700 K	**L075** 7500 lm	**ST** Transparent	**V1** 220V-240V	**F27** ON/OFF+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D36 Type II - Asymmetric	**730** Ra70 3000 K	**L090** 9000 lm			**F02** 1-10V+CLO		
D22 Type III - B	**740** Ra70 4000 K	**L105** 10500 lm			**F06** DALI+CLO		
D25 Type III - C		**L120** 12000 lm			**F10** D4i+ZHAGA		
D37 Type III - Asymmetric		**L135** 13500 lm			**F04** Ampdim+CLO		
D24 Type IV - Forward throw		**L150** 15000 lm			**F14** NVL6H+CLO		
D38 Type IV - C		**L180** 18000 lm					
D30 Type V - Rotosymmetric		**L210** 21000 lm					

Generated code: **LUANT01 - 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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SOURCE

High-power LED matrix.

Energy-efficiency class: C, D
LED forward current: 368-748 mA
Power rating: 39.8-121.1 W
Nominal Flux: 7500-21000 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 70
Standard Deviation Colour Matching: ≤5
ANSI/IES TM-30: Rf = 73-75 Rg = 93-96
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optique: Type I - Center road, Type II - Asymmetric, Type III - B, Type III - C, Type III - Asymmetric, Type IV - Forward throw, Type IV - C, Type V - Rotosymmetric
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 40, 60
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 50° γ = 60, 66°
Luminous flux: 7500-21000 lm
Luminous efficacy: 146-167 lm/W
Luminous intensity class: G*4, G*6
IPEA: Road A5+ / A11+, Urban A9+ / A12+, Ped A6+ / A10+, Park A6+ / A10+, Art A11+ / A12+
BUG: B=2-4, U=0, G=1-3
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Compliant with standards EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778. ENEC safety mark.

Luminaire power: 46.3-129.9 W
Power supply: 220V-240V~ 50/60Hz
Power factor: ≥0.99
Insulation class: Class II
Control type - driver: ON/OFF+CLO, 1-10V+CLO, DALI+CLO, D4i+ZHAGA, Ampdim+CLO, NVL6H+CLO
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -35 °C / +50 °C
Driver included: Yes
Surge protection: 10kV CM - 10kV DM

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with an openable upper frame for access to the auxiliary compartment and an integrated heat sink.
Screen in extra-clear tempered glass with IK08 impact resistance (EN 62262).
Internal white reflector in polycarbonate, silicone gasket between lower frame and upper cover, stainless steel screws, and osmotic valve for pressure balancing.
Provision for additional surge protectors or remote control systems.

Length: 765 mm
Width: 340 mm
Height: 263 mm
Weight: 13 kg
Wind-exposed area: 0.03 m²
Protection degree: IP66
Mechanical resistance: IK09
Finish: Grey [Neri] Textured

INSTALLATION

Suitable for side mounting or pole-top installation on Ø 48 mm tubes and Ø 60 mm tubes.
Adjustable from 0°/+20° in pole-top configuration, from -5°/+15° in bracket configuration.

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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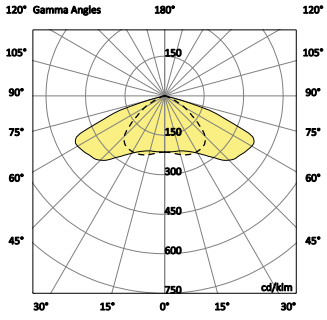
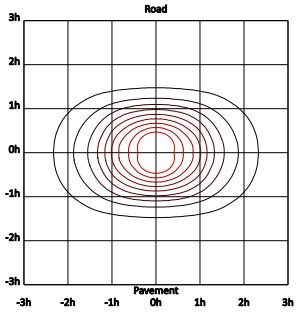
Optic: Type I - Center road

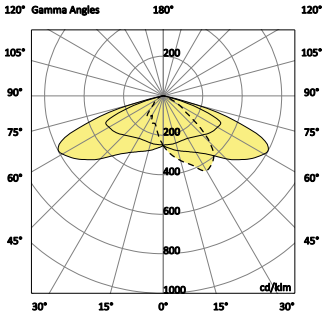
Screen finish: Transparent

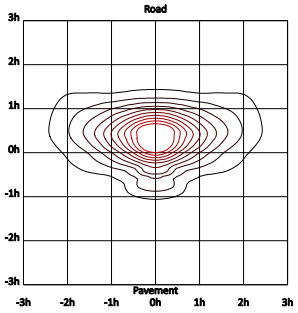




Optic: Type II - Asymmetric

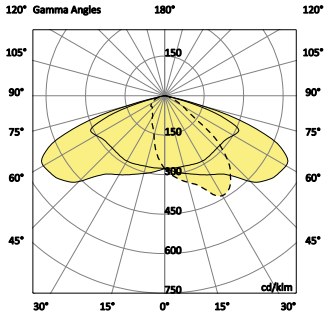
Screen finish: Transparent

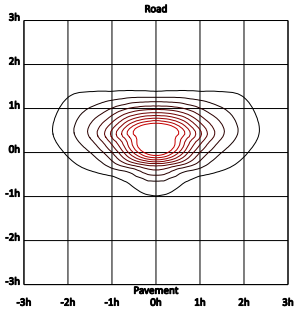




Optic: Type III - B

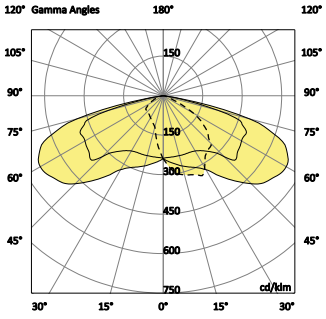
Screen finish: Transparent

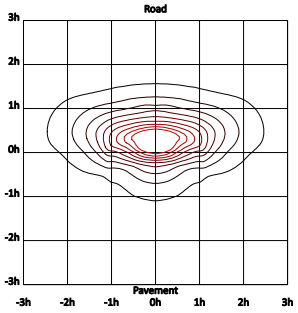




Optic: Type III - C

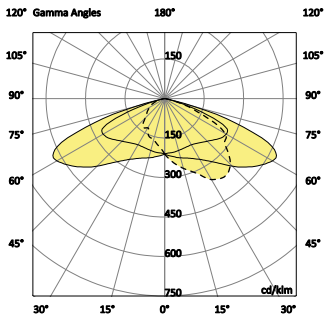
Screen finish: Transparent

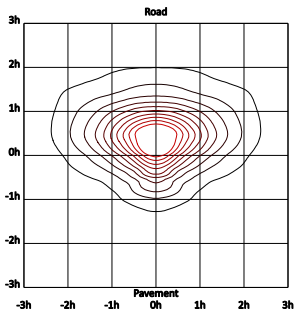




Optic: Type III - Asymmetric

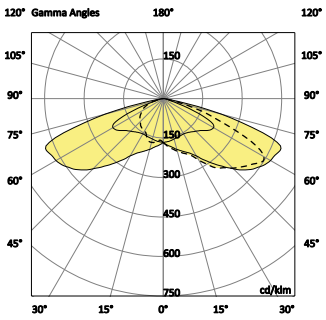
Screen finish: Transparent

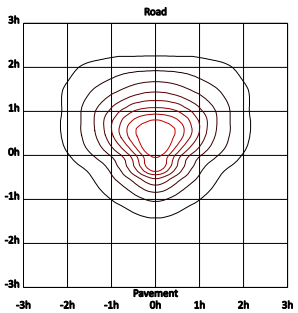




Optic: Type IV - Forward throw

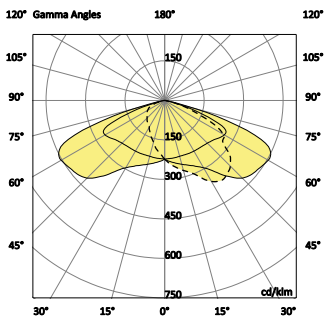
Screen finish: Transparent

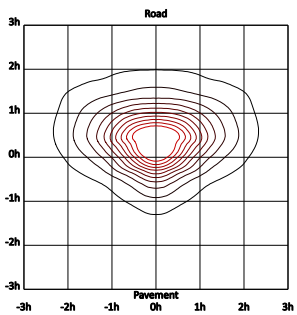




Optic: Type IV - C

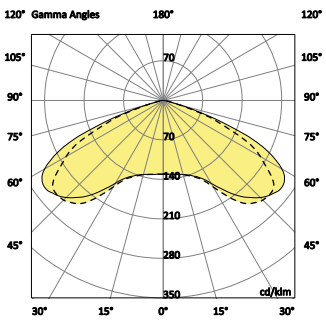
Screen finish: Transparent

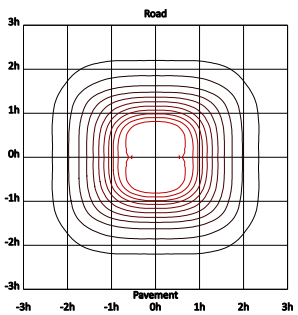




Optic: Type V - Rotosymmetric

Screen finish: Transparent





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Optic: Type I - Center road

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

Optic: Type II - Asymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

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Optic: Type III - B

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

Optic: Type III - C

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

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ANTARES | LUMINAIRE | ANTARES L

Optic: Type III - Asymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

Optic: Type IV - Forward throw

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

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ANTARES | LUMINAIRE | ANTARES L

Optic: Type IV - C

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

Optic: Type V - Rotosymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	2700 K	49.8	151	40	396	43.1	174	A9+	A10+	A9+	A9+	A12+
7500 lm	3000 K	48.4	155	40	386	41.8	179	A10+	A11+	A9+	A9+	A12+
7500 lm	4000 K	46.3	162	40	368	39.8	188	A11+	A12+	A10+	A10+	A12+
9000 lm	2700 K	59.8	151	40	480	52.7	171	A9+	A10+	A9+	A9+	A12+
9000 lm	3000 K	58.3	154	40	468	51.2	176	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	55.7	162	40	446	48.7	185	A11+	A12+	A10+	A10+	A12+
10500 lm	2700 K	70.3	149	40	568	62.8	167	A8+	A10+	A7+	A7+	A12+
10500 lm	3000 K	68.5	153	40	552	61	172	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65.3	161	40	526	57.9	181	A10+	A11+	A9+	A9+	A12+
12000 lm	2700 K	81.1	148	40	656	73.2	164	A8+	A10+	A7+	A7+	A12+
12000 lm	3000 K	78.9	152	40	638	71.1	169	A9+	A10+	A8+	A8+	A12+
12000 lm	4000 K	75.2	160	40	608	67.5	178	A10+	A11+	A8+	A8+	A12+
13500 lm	2700 K	92.4	146	40	748	84.1	161	A6+	A9+	A6+	A6+	A11+
13500 lm	3000 K	89.7	151	40	726	81.5	166	A7+	A10+	A6+	A6+	A12+
13500 lm	4000 K	85.4	158	40	692	77.4	174	A8+	A11+	A7+	A7+	A12+
15000 lm	2700 K	96.8	155	60	538	89.1	168	A7+	A11+	A7+	A7+	A12+
15000 lm	3000 K	94.2	159	60	524	86.5	173	A8+	A11+	A7+	A7+	A12+
15000 lm	4000 K	89.9	167	60	498	82.3	182	A9+	A12+	A8+	A8+	A12+
18000 lm	2700 K	118.2	152	60	656	109.9	164	A5+	A10+	A6+	A6+	A12+
18000 lm	3000 K	114.9	157	60	638	106.6	169	A7+	A11+	A7+	A7+	A12+
18000 lm	4000 K	109.3	165	60	608	101.2	178	A8+	A12+	A8+	A8+	A12+
21000 lm	4000 K	129.9	162	60	720	121.1	173	A6+	A11+	A7+	A7+	A12+

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