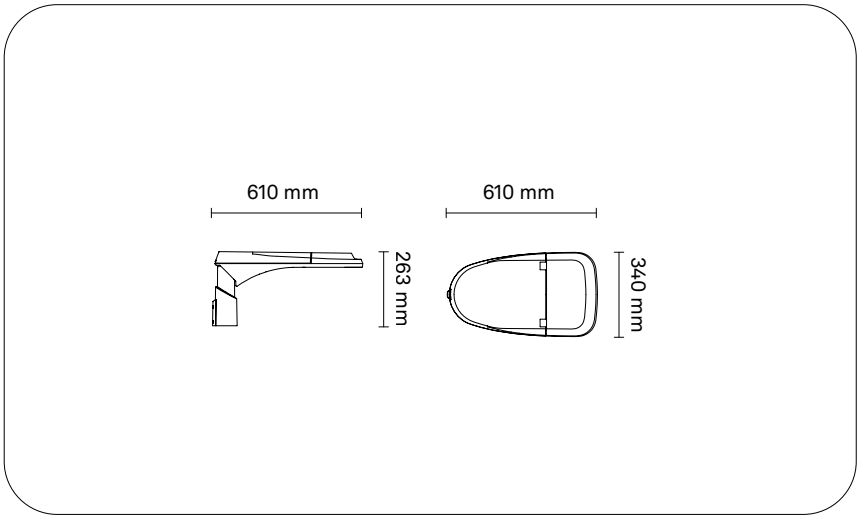
NERI

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

## ANTARES | LUMINAIRE | ANTARES S






CE IP66 IK09 Classe II

## ORDERING INFORMATION / GUIDE

Example: **LUANT00-N-D38-730-L025-ST-V1-F27-M2-CN0**

| OPTIQUE | RA+K | LUMINOUS FLUX | SCREEN FINISH | POWER SUPPLY | DRIVER FUNCTION | ISO CLASS | FINISH |
|---|---|---|---|---|---|---|---|
| **D28**<br>Type I - Center road | **727**<br>Ra70 2700 K | **L015**<br>1500 lm | **ST**<br>Transparent | **V1**<br>220V-240V | **F27**<br>ON/OFF+CLO | **M2**<br>Class II | **CN0**<br>Grey [Neri] Textured |
| **D36**<br>Type II - Asymmetric | **730**<br>Ra70 3000 K | **L025**<br>2500 lm | | | **F02**<br>1-10V+CLO | | |
| **D22**<br>Type III - B | **740**<br>Ra70 4000 K | **L035**<br>3500 lm | | | **F06**<br>DALI+CLO | | |
| **D25**<br>Type III - C | | **L045**<br>4500 lm | | | **F10**<br>D4i+ZHAGA | | |
| **D37**<br>Type III - Asymmetric | | **L060**<br>6000 lm | | | **F04**<br>Ampdim+CLO | | |
| **D24**<br>Type IV - Forward throw | | **L075**<br>7500 lm | | | **F14**<br>NVL6H+CLO | | |
| **D38**<br>Type IV - C | | **L090**<br>9000 lm | | | | | |
| **D30**<br>Type V - Rotosymmetric | | **L105**<br>10500 lm | | | | | |

Generated code: **LUANT00 - 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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## ANTARES | LUMINAIRE | ANTARES S

### SOURCE

High-power LED matrix.

**Energy-efficiency class:** C, D
**LED forward current:** 180-924 mA
**Power rating:** 7.6-63.2 W
**Nominal Flux:** 1500-10500 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:** 16, 24
**Cutoff Angle:** Cutoff, Semi Cutoff C = 0, 50° γ = 60, 66°
**Luminous flux:** 1500-10500 lm
**Luminous efficacy:** 134-163 lm/W
**Luminous intensity class:** G*4, G*6
**IPEA:** Road A7+ / A11+, Urban A8+ / A12+, Ped A6+ / A10+, Park A6+ / A10+, Art A11+ / A12+
**BUG:** B=0-3, U=0, G=0-3
**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:** 10.5-69.7 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.
Compartment dedicated to surge protectors or remote control systems.

**Length:** 610 mm
**Width:** 340 mm
**Height:** 263 mm
**Weight:** 10.5 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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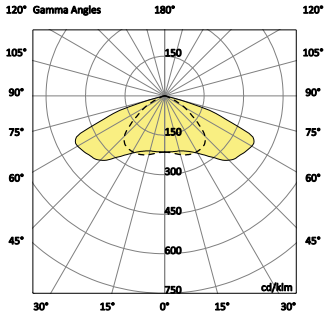
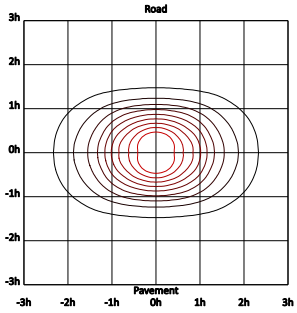
## ANTARES | LUMINAIRE | ANTARES S

**Optic:** Type I - Center road

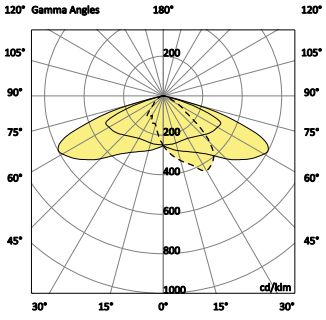
**Screen finish:** Transparent

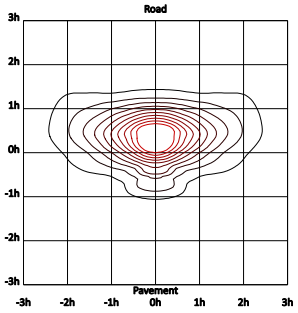



**Optic:** Type II - Asymmetric

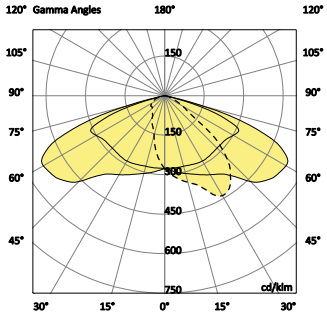
**Screen finish:** Transparent

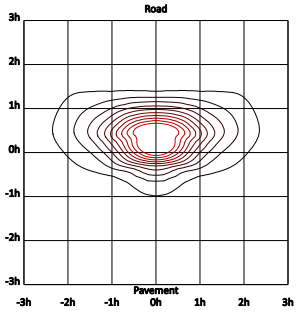



**Optic:** Type III - B

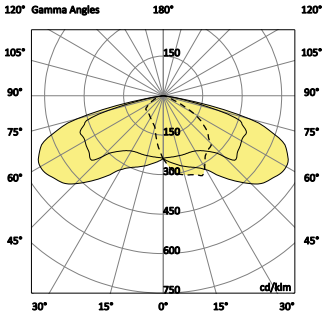
**Screen finish:** Transparent

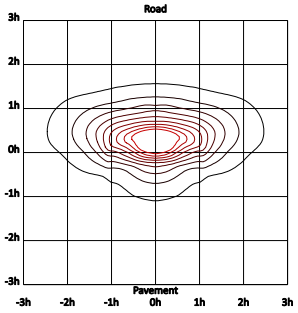



**Optic:** Type III - C

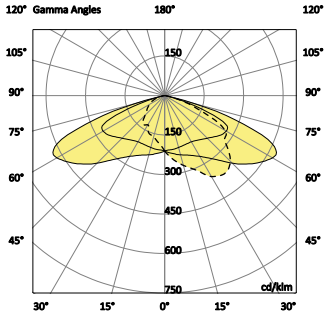
**Screen finish:** Transparent

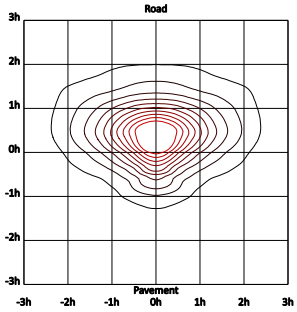



**Optic:** Type III - Asymmetric

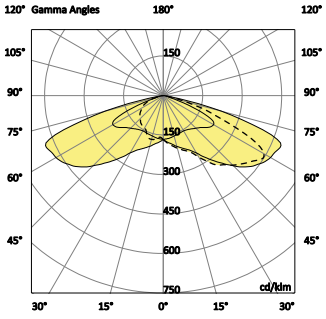
**Screen finish:** Transparent

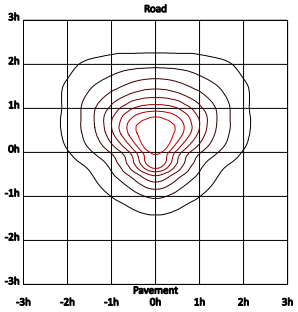



**Optic:** Type IV - Forward throw

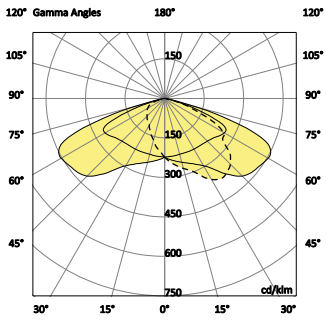
**Screen finish:** Transparent

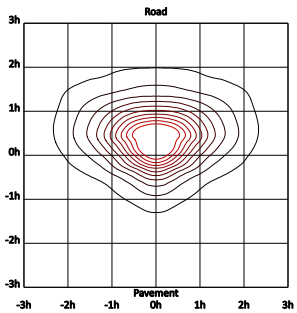



**Optic:** Type IV - C

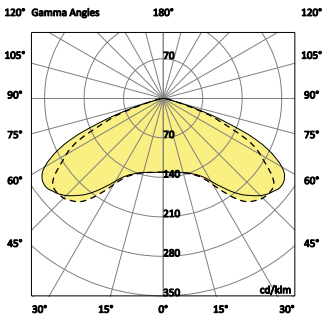
**Screen finish:** Transparent

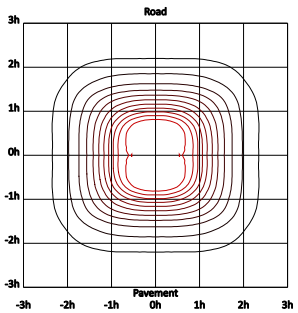



**Optic:** Type V - Rotosymmetric

**Screen finish:** Transparent





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## ANTARES | LUMINAIRE | ANTARES S

### **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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | 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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | A7+ | A7+ | A12+ |


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## ANTARES | LUMINAIRE | ANTARES S

### **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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | 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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | A7+ | A7+ | A12+ |


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## ANTARES | LUMINAIRE | ANTARES S

### **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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | 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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | A7+ | A7+ | A12+ |


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## ANTARES | LUMINAIRE | ANTARES S

### **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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | 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** |
| 1500 lm | 2700 K | 11.2 | 134 | 16 | 192 | 8.2 | 183 | A7+ | A8+ | A6+ | A6+ | A11+ |
| 1500 lm | 3000 K | 11 | 136 | 16 | 188 | 8 | 188 | A7+ | A8+ | A7+ | A7+ | A11+ |
| 1500 lm | 4000 K | 10.5 | 143 | 16 | 180 | 7.6 | 197 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 2700 K | 17.8 | 140 | 16 | 326 | 14.1 | 177 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 2500 lm | 3000 K | 17.3 | 145 | 16 | 318 | 13.7 | 182 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 2500 lm | 4000 K | 16.7 | 150 | 16 | 304 | 13.1 | 191 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 2700 K | 24.2 | 145 | 16 | 466 | 20.4 | 172 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 3500 lm | 3000 K | 23.7 | 148 | 16 | 454 | 19.9 | 176 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 3500 lm | 4000 K | 22.7 | 154 | 16 | 432 | 18.9 | 185 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 4500 lm | 2700 K | 30.9 | 146 | 16 | 612 | 27.2 | 165 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 4500 lm | 3000 K | 30.1 | 150 | 16 | 594 | 26.4 | 170 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 4500 lm | 4000 K | 28.9 | 156 | 16 | 566 | 25.1 | 179 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 2700 K | 39.7 | 151 | 24 | 538 | 35.6 | 169 | A9+ | A10+ | A9+ | A9+ | A12+ |
| 6000 lm | 3000 K | 38.6 | 155 | 24 | 524 | 34.6 | 173 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 6000 lm | 4000 K | 36.8 | 163 | 24 | 498 | 32.9 | 182 | A11+ | A12+ | A10+ | A10+ | A12+ |
| 7500 lm | 2700 K | 51.9 | 145 | 24 | 688 | 46.1 | 163 | A8+ | A9+ | A8+ | A8+ | A12+ |
| 7500 lm | 3000 K | 50.5 | 149 | 24 | 668 | 44.7 | 168 | A9+ | A10+ | A8+ | A8+ | A12+ |
| 7500 lm | 4000 K | 48.2 | 156 | 24 | 636 | 42.5 | 176 | A10+ | A11+ | A9+ | A9+ | A12+ |
| 9000 lm | 2700 K | 63.4 | 142 | 24 | 842 | 57.2 | 157 | A8+ | A9+ | A7+ | A7+ | A12+ |
| 9000 lm | 3000 K | 61.5 | 146 | 24 | 818 | 55.4 | 162 | A9+ | A9+ | A8+ | A8+ | A12+ |
| 9000 lm | 4000 K | 58.5 | 154 | 24 | 778 | 52.5 | 171 | A10+ | A10+ | A9+ | A9+ | A12+ |
| 10500 lm | 4000 K | 69.7 | 151 | 24 | 924 | 63.2 | 166 | A9+ | A10+ | A7+ | A7+ | A12+ |


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