



ARTELYS 350 TS

MAIN CHARACTERISTICS

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|---------------------------------|---|
| Applications | Street and urban lighting. |
| Optic | TS: Symmetrical optic for centre road lighting. S: Symmetrical optic for urban lighting and green areas. Colour temperature: 4000K (3000K optional) CRI ≥ 70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP LED source efficiency: 168lm/W @ 525mA, Tj=85°C, 4000K |
| Insulation class | II, I |
| Protection degree | IP66 IK08 total |
| Dimensions | See the drawing |
| Weight | max 5.8 kg |
| Exposed surface | Side: 0.08m ² – Top: 0.10m ² |
| Mounting | Suspended installation on cable Ø5-12mm. Inclination on horizontal plane: ±15°. Rotation: 360° on vertical axis. |
| LED Modules | Removable / Replaceable |
| Gear tray | Removable plate. |
| Operating temp. | -40°C / +50°C (525mA) -40°C / +35°C (700mA) |
| Storage temp. | -40°C / +80°C |
| Main reference standards | EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3 |



ELECTRICAL CHARACTERISTICS

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|---|--|
| Rated voltage | 220÷240V 50/60Hz (Standard tolerance +/-10%. Other voltages and tolerances upon request) |
| Power factor | >0,95 (at full load F, DA, DAC) |
| On-load switch | Included, with integrated cable clamp. |
| Mains connection | For cables max section 4mm ² Option: pass-through with integrated double H07RN-F cable and optional double connector M/F IP66/68 for cable max. 2.5mm ² , Ø max. 14mm. |
| Surge protection | Up to 10kV With SPD (optional) 10kV / 10kV CM/DM |
| SPD (optional) | 10kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life. |
| Control system (options) | F: Fixed power not dimmable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux. WL: Wireless single point communication system. DALI: Digital dimming interface DALI. |
| Optical unit lifetime (Tq=25°C, 700mA) | >100.000hr L90B10 >100.000hr L90, TM-21 |

MATERIALS

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|-----------------|--|
| Fixing | Stainless steel. |
| Body | Turned aluminium powder painted. |
| Heatsink | Extruded aluminum. |
| Closure | Stainless steel captive screws. |
| Optic | 99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Alluminum grade class A+ (DIN EN 16268) |
| Screen | Flat tempered glass, 5mm thickness, high transparency. |
| Gasket | Polyurethane |
| Colour | Graphite - Cod. 01 |



| LUMINAIRE | OPTIC | LED CURRENT (mA) | RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, lm) | RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W) | LUMINAIRE EFFICACY (Tq=25°C, lm/W) | RATED LED FLUX* (Tj=85°C, 4000K, lm) | RATED LED POWER* (Tj=85°C, W) |
|-----------------------------|-------|------------------|--|---|------------------------------------|--------------------------------------|-------------------------------|
| ARTELYS 350 TS 0F2H1 4.5-1M | TS | 525 | 1840 | 16 | 115 | 2184 | 13 |
| ARTELYS 350 TS 0F2H1 4.5-2M | | | 3620 | 30.5 | 118 | 4368 | 26 |
| ARTELYS 350 TS 0F2H1 4.7-1M | TS | 700 | 2370 | 21.5 | 110 | 2765 | 18 |
| ARTELYS 350 TS 0F2H1 4.7-2M | | | 4630 | 40 | 115 | 5530 | 36 |
| ARTELYS 350 TS 0F2H1 4.5-2M | S | 525 | 3620 | 30.5 | 118 | 4368 | 26 |
| ARTELYS 350 TS 0F2H1 4.7-2M | S | 700 | 4630 | 40 | 115 | 5530 | 36 |

*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.

The characteristics of the product listed above are subjected to change without notice.



| LUMINAIRE | OPTIC | LED CURRENT (mA) | RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm) | RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W) | LUMINAIRE EFFICACY (Tq=25°C, lm/W) | RATED LED FLUX* (Tj=85°C, 3000K, lm) | RATED LED POWER* (Tj=85°C, W) |
|-----------------------------|-------|------------------|--|---|------------------------------------|--------------------------------------|-------------------------------|
| ARTELYS 350 TS 0F2H1 3.5-1M | TS | 525 | 1720 | 16 | 107 | 1990 | 13 |
| ARTELYS 350 TS 0F2H1 3.5-2M | | | 3360 | 30.5 | 110 | 3980 | 26 |
| ARTELYS 350 TS 0F2H1 3.7-1M | TS | 700 | 2210 | 21.5 | 102 | 2520 | 18 |
| ARTELYS 350 TS 0F2H1 3.7-2M | | | 4300 | 40 | 107 | 5040 | 36 |
| ARTELYS 350 TS 0F2H1 3.5-2M | S | 525 | 3360 | 30.5 | 110 | 3980 | 26 |
| ARTELYS 350 TS 0F2H1 3.7-2M | S | 700 | 4300 | 40 | 107 | 5040 | 36 |

*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.

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