ARTELYS 350 TS

Rev. APR-22

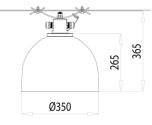
Product Sheet

Optic Screen

Gasket

Colour

Φ







ARTELYS 350 TS									
MAIN CHARACTERISTICS									
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: 168Im/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 <sup>2</sup> – Top: 0.10m <sup>2</sup>								
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								
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 <sup>2</sup> Option: pass-through with integrated double H07RN-F cable and optional double connector M/F IP66/68 for cable max. 2.5mm <sup>2</sup> , 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								
Fixing	Stainless steel.								
Body	Turned aluminium powder painted.								
Heatsink	Extruded aluminum.								
Closure	Stainless steel captive screws.								



AEC Illuminazione S.r.l.

99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Alluminum grade class A+ (DIN EN 16268)

Flat tempered glass, 5mm thickness, high transparency.

Polyurethane Graphite - Cod. 01

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LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, Im)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, Im/W)	RATED LED FLUX* (Tj=85°C, 4000K, Im)	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, Im)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, Im/W)	RATED LED FLUX* (Tj=85°C, 3000K, Im)	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%. The characteristics of the product listed above are subjected to change without notice.