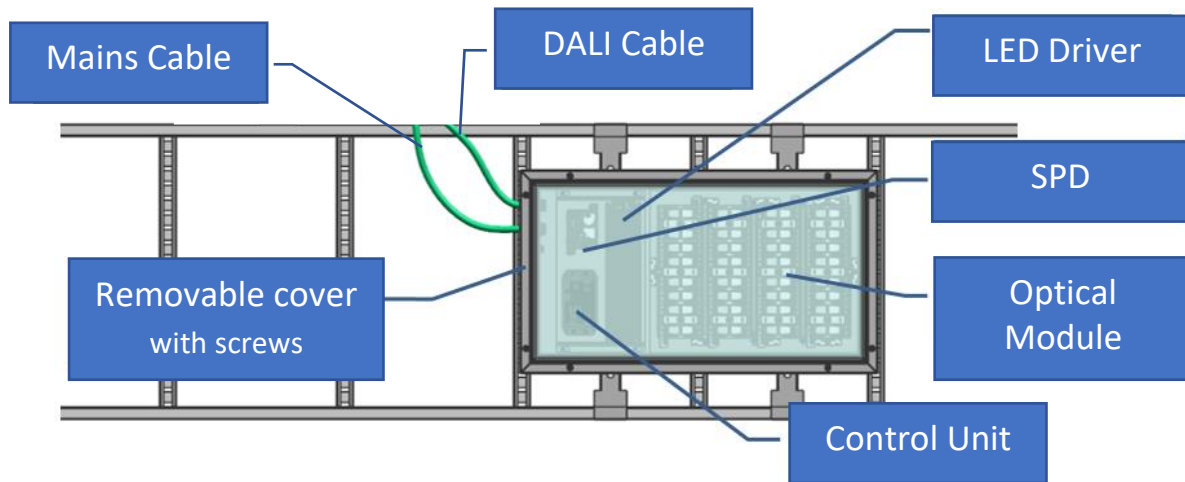


T-LED3	
MAIN CHARACTERISTICS	
Applications	Tunnel lighting. Suitable for Inner Zone/Base lighting/Threshold Zone.
Optic	SS-6W: Symmetric optic for tunnel permanent lighting AS-6W: Asymmetric optic for reinforcement lighting. Colour temperature: 4000K (optional 5700K) CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 178 lm/W @ 440mA, Tj=25°C, 4000K
Insulation class	I – II
Protection degree	IP66 IK08
LED Modules	Removable / Replaceable optical unit
Dimensions	4M / 5M : 508(A) x 373 x 130mm – B = 250mm 6M / 7M / 8M : 677(A) x 373 x 130mm – B = 375mm
Weight	Max. 11kg
Control Gear	Integrated. Removable / Replaceable optical unit (See details below)
Operating temp.	-40°C / +35°C
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
LED current	330mA, 380mA, 440mA
Power factor	>0,95 (at full load)
Mains connection	Branch Wiring. Integrated mains cable. FG16-OM16 0.6/1kV Cable lenght L=1.5m F-PLM: 2 or 3x1,5 mm ² DB: 3 or 4x1,5 mm ² DALI: 4 or 5x1,5 mm ² Option PLUG : IEC 309 2P+T 16A IP67 (other types on request) Option PRIORITY : FTG10-OM1 0.6/1kV 1,5 mm ² (Suitable for EMERGENCY LINES) PASS-THROUGH CONNECTION BOX on request
Control system (options)	F: Fixed power not dimmable. DB: Dual Power with control wire. DALI: Digital dimming interface DALI. FLC: Constant light flux. Other controls on request
Surge protection	SPD integrated 10kV-10kA, type II, with LED signal and thermo fuse to disconnect load at the end of life.
Optical unit lifetime (Tq=25°C)	≥100.000hr L80, TM-21

MATERIALS	
Fixing	Stainless steel AISI 316L - 1.4404 acc.to EN10088-3
Body	
Heatsink	Internal. Extruded aluminium.
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.
Cable gland	Nickel brass, M20x1,5
Gasket	Polyurethane

ASSEMBLY VIEW



Performance Table

LUMINAIRE	OPTIC	LED Current (mA)	RATED LUMINAIRE FLUX ¹ (Tq=25°C, 4000K, lm)	RATED LUMINAIRE POWER ¹ (Tq=25°C, Vin=230Vac, F, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX ² (Tj=85°C, 4000K, lm)	RATED LED POWER ² (Tj=85°C, W)
T-LED3 2U12 SS-6W 4.44-4M	SS-6W	440	8660	65	133	9976	56
T-LED3 2U12 SS-6W 4.44-5M			10800	80	135	12470	70
T-LED3 2U12 SS-6W 4.44-6M			12970	96	135	14964	84
T-LED3 2U12 SS-6W 4.44-7M			14680	110	133	17458	98
T-LED3 2U12 SS-6W 4.44-8M			16430	125	131	19952	112
T-LED3 2U12 AS-6W 4.33-5M	AS-6W	330	8450	60	140	9450	55
T-LED3 2U12 AS-6W 4.38-5M		380	9610	70	137	10960	60
T-LED3 2U12 AS-6W 4.44-5M		440	10800	80	135	12470	70

Note: 1: Rated data obtained in laboratory | 2: Rated data extrapolated from LED manufacturer datasheet.

The characteristics of the product listed above are subjected to change without notice. Values indicated in this technical sheet are to be considered rated values subject to a tolerance of +/-5%.

