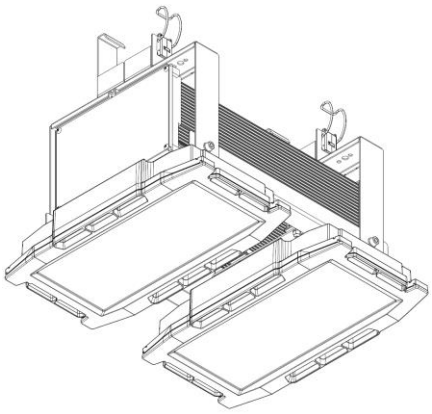
Product sheet



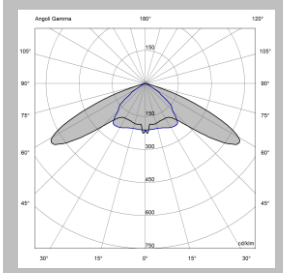
GALILEO 2 EB TUNNEL

MAIN CHARACTERISTICS	
Applications	Tunnel lighting
Optic	ASC:Multi-focal asymmetric optic with adjustable emission for reinforcement lighting. SS:Multi-focal Symmetric optic for tunnel permanent lighting Colour temperature: 5700K (4000K optional), CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 151 lm/W @ 525mA, Tj=85°C, 5700K
Insulation class	I - II
Protection degree	IP66 | IK08
LED Modules	Removable / Replaceable optical unit
Tilt Angle	*See dimensional drawings section*
Dimensions	
Weight	
Exposed surface	
Mounting	Mounting with adjustable integrated flange (*See fixing flange section*)
Gear tray	Separated box with IP66/68 quick release connectors. Mounting over luminaire body with integrated flanges.
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

IK08 IP66 EXEMPT GROUP HIGH PERFORMANCE OPTIC AEC THERMO FLOW

ELECTRICAL CHARACTERISTICS	
Rated voltage	220÷240V 50/60Hz *(Standard tolerance +/-10%, other voltages and tolerances upon request)*
LED current	525mA | 700mA
Power factor	>0,9 (at full load)
Mains connection	Cable FG7-OM1 0.6/1kV 2/3x1,5 mm² L=1,5 mt Optional: FTG10-OM1 0.6/1kV 2/3x1,5 mm² L=1,5 mt Plug IEC309 2P+T 16A IP67
Control system	F: Fixed power (base version) DB: Dual power with control wire. DALI: Digital interface. PLM: Power line communication module. FLC: Constant LED luminous flux.
Surge protection	Pulse withstand CL. I: ≥10kV CM/DM Pulse withstand CL. II: ≥8kV CM/DM
Optical unit lifetime (Tq=25°C, 700mA)	≥100.000hr L90B10 ≥100.000hr L90, TM-21

MATERIALS	
Fixing	Stainless steel AISI 304 (AISI 316L optional) with plastic spacers to avoid galvanic corrosion.
Heat-sink	Die-cast aluminium UNI EN1706 with low copper content. Powder painted.
Body	
Gear tray	Anodized aluminum (body). Die-cast aluminum (caps)
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, 4mm thickness.
Cable gland	Metallic, M20x1,5 – IP68
Gasket	Polyurethane



Ottica SS-6W

All the published photometrical data has been obtained according to EN 13032-1

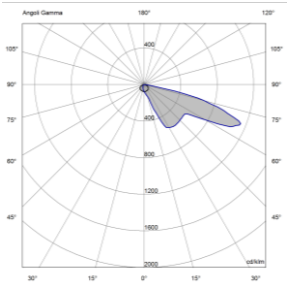
Product sheet

LUMINAIRE	OPTIC	LED Current (mA)	RATED LUMINAIRE FLUX[1] (Tq=25°C, 5700K, lm)	RATED LUMINAIRE POWER[1] (Tq=25°C, Vin=230Vac, F / DA / DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX[2] (Tj=85°C, 5700K, lm)	RATED LED POWER[2] (Tj=85°C, W)
Galileo 2 Tunnel EB 0F6 6.5-4M	SS-7A SS-7M SS-7W	525	17450	152	115	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	21190	193	110	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	25430	230	111	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	SS-7A SS-7M SS-7W	700	21480	210	102	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	26020	256	102	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	31240	306	102	39600	279
Galileo 2 Tunnel EB 0F6 6.5-4M	SS-6A SS-6M SS-6W	525	18070	152	119	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	21940	193	114	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	26330	230	114	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	SS-6A SS-6M SS-6W	700	22240	210	106	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	26940	256	105	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	32340	306	106	39600	279
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-4W	525	18670	152	123	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	22660	193	117	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	27200	230	118	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-4W	700	22980	210	109	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	27830	256	109	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	33400	306	109	39600	279
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-5W	525	18570	152	122	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	22550	193	117	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	27070	230	118	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-5W	700	22870	210	109	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	27690	256	108	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	33240	306	109	39600	279
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-6W	525	18390	152	121	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	22330	193	116	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	26810	230	117	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-6W	700	22640	210	108	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	27420	256	107	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	32920	306	108	39600	279
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-7W	525	18210	152	120	20856	138
Galileo 2 Tunnel EB 0F6 6.5-5M		525	22110	193	115	26070	172
Galileo 2 Tunnel EB 0F6 6.5-6M		525	26540	230	115	31284	207
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-7W	700	22420	210	107	26400	186
Galileo 2 Tunnel EB 0F6 6.7-5M		700	27150	256	106	33000	233
Galileo 2 Tunnel EB 0F6 6.7-6M		700	32590	306	107	39600	279

**Photometric data v.02-16*

The tables above describe the flux and output power of the available versions. These parameters are necessary in order to guarantee a correct comparison of the luminaire performance. In particular, the luminaire efficiency (expressed in lm/W) must be calculated as the ratio between the output luminous flux of the luminaire and the power absorbed by the input power supply unit. For the sake of completeness the tables also show the data of the nominal flux and power of the used LED.

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



ASP-7W Optic

All the published photometrical data has been obtained according to EN 13032-1

Product sheet

LUMINAIRE	OPTIC	LED Current (mA)	INRUSH CURRENT Duration 50%pk (µs)	INRUSH CURRENT Peak (A)	MCB B-Type 10A / 16A / 25A	SURGE PROTECTION CL.I (CM / DM, kV)	SURGE PROTECTION CL.II (CM / DM, kV)
Galileo 2 Tunnel EB 0F6 6.5-4M	SS-7A SS-7M SS-7W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	SS-7A SS-7M SS-7W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-4M	SS-6A SS-6M SS-6W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	SS-6A SS-6M SS-6W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-4W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-4W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-5W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-5W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-6W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-6W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-4M	ASC-7W	525	210	57	3 / 6 / 10	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-5M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.5-6M		525	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-4M	ASC-7W	700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-5M		700	330	62	2 / 4 / 7	10 / 10	8 / 8
Galileo 2 Tunnel EB 0F6 6.7-6M		700	330	62	2 / 4 / 7	10 / 10	8 / 8

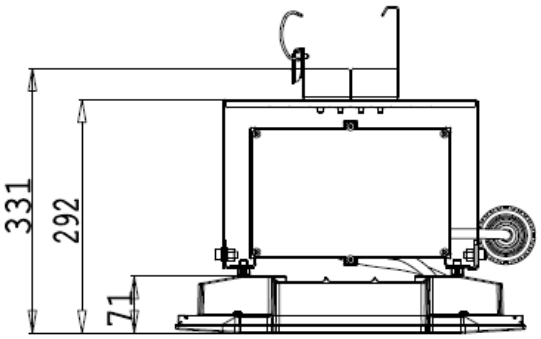
NOTE 1: The number of luminaires under a three-phase MCB is calculated multiplying by 3 the number in the table. These values are based on data declared by power supply manufacturer and tested on worst case MCB model. An inrush current limiter (i.e. Finder SSR 77.11.x.xxx.8250 (15A) or 77.31.x.xxx.8050 model (30A)) can improve the max.number of luminaire under the MCB
NOTE 2: Power supply manufacturer never did any considerations about 50A or 63A MCB. So we can't declare anything about using of MCB higher than 25A.

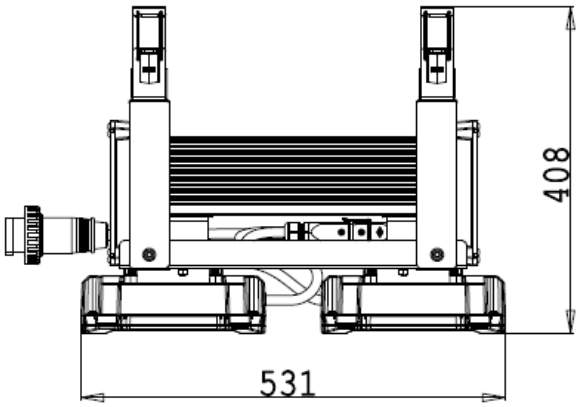
Product sheet

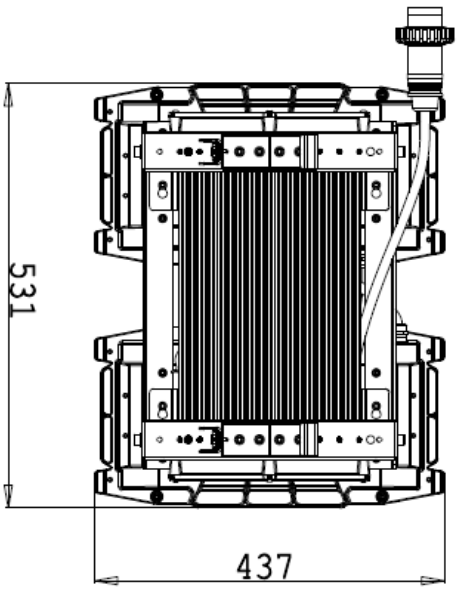
GALILEO 2 EB

DIMENSIONAL DRAWINGS

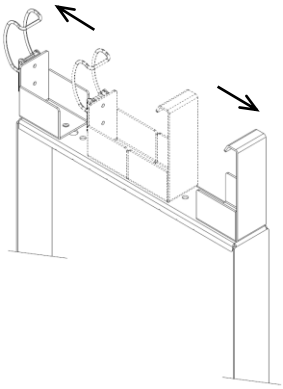
WEIGHT WITHOUT FIXING FLANGE: 19 kg
SIDE SURFACE: 0.10 m^2
TOP SURFACE: 0.20 m^2







FIXING FLANGE



Adjustable fixing flange for cable channel 100x75mm up to 300x75mm. Tilt angle on request. 1.8 kg

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