

GALILEO 1 2.0

MAIN CHARACTERISTICS

Applications	Flood lighting, large areas and street lighting.
Optic	ASP / ASC: Multi-focal asymmetric optic with adjustable emission. Colour temperature: 4000K (5700K optional), CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 131 lm/W @ 1050mA, Tj=85°C, 4000K
Insulation class	I
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 available flanges section)
Gear tray	External power supply IP67 directly mounted on luminaire body
Operating temp.	-40°C / +50°C (900mA) -40°C / +35°C (1050mA)
Storage temp.	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 60598-2-5, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

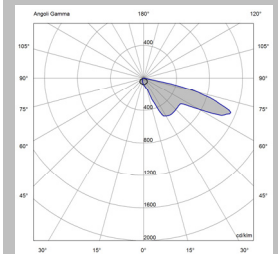


ELECTRICAL CHARACTERISTICS

Rated voltage	220÷240V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
LED current	900mA 1050mA
Power factor	>0,9 (at full load)
Mains connection	Cable H07RN-F 450/750V with quick release connector M/F IP66/68 for cables 2/3 x 1.5mm ² , Dmax=12mm Optional: Cable FG7-OR 0.6/1kV
Control system	F: Fixed power (base version) DALI: Digital interface. PLM: Single point communication module.
Surge protection	Integrated SPD, 10kV-10kA. Pulse withstand ≥8kV CM/DM
Optical unit lifetime (Tq=25°C)	>100.000hr L80B10, 1050mA

MATERIALS

Fixing	Galvanized and painted steel
Heat-sink	Die-cast aluminium UNI EN1706 with low copper content.
Body	Powder painted.
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. High transparency.
Cable gland	Metallic, M20x1,5 – IP68
Gasket	Polyurethane



ASP-7W Optic

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



LUMINAIRE	OPTIC	LED Current (mA)	RATED LUMINAIRE FLUX ¹ (Tq=25°C, 4000K, 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, 4000K, lm)	RATED LED POWER ² (Tj=85°C, W)
Galileo 1 2.0 006 4.9-2M	ASC-4W	900	15500	134	116	16600	124
Galileo 1 2.0 006 4.9-3M			22450	206	109	24899	185
Galileo 1 2.0 006 4.105-2M	ASC-4W	1050	16990	157	108	19080	146
Galileo 1 2.0 006 4.105-3M			24060	239	101	28620	219
Galileo 1 2.0 006 4.9-2M	ASC-5W	900	15420	134	115	16600	124
Galileo 1 2.0 006 4.9-3M			22320	206	108	24899	185
Galileo 1 2.0 006 4.105-2M	ASC-5W	1050	16890	157	108	19080	146
Galileo 1 2.0 006 4.105-3M			23930	239	100	28620	219
Galileo 1 2.0 006 4.9-2M	ASC-6W	900	15250	134	114	16600	124
Galileo 1 2.0 006 4.9-3M			22080	206	107	24899	185
Galileo 1 2.0 006 4.105-2M	ASC-6W	1050	16710	157	106	19080	146
Galileo 1 2.0 006 4.105-3M			23670	239	99	28620	219
Galileo 1 2.0 006 4.9-2M	ASC-7W	900	14990	134	112	16600	124
Galileo 1 2.0 006 4.9-3M			21710	206	105	24899	185
Galileo 1 2.0 006 4.105-2M	ASC-7W	1050	16430	157	105	19080	146
Galileo 1 2.0 006 4.105-3M			23270	239	97	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-4W	900	15160	134	113	16600	124
Galileo 1 2.0 006 4.9-3M			21950	206	107	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-4W	1050	16610	157	106	19080	146
Galileo 1 2.0 006 4.105-3M			23540	239	98	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-5W	900	15080	134	113	16600	124
Galileo 1 2.0 006 4.9-3M			21830	206	106	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-5W	1050	16520	157	105	19080	146
Galileo 1 2.0 006 4.105-3M			23400	239	98	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-6W	900	14820	134	111	16600	124
Galileo 1 2.0 006 4.9-3M			21460	206	104	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-6W	1050	16240	157	103	19080	146
Galileo 1 2.0 006 4.105-3M			23010	239	96	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-7W	900	14480	134	108	16600	124
Galileo 1 2.0 006 4.9-3M			20970	206	102	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-7W	1050	15870	157	101	19080	146
Galileo 1 2.0 006 4.105-3M			22480	239	94	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-4N	900	15160	134	113	16600	124
Galileo 1 2.0 006 4.9-3M			21950	206	107	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-4N	1050	16610	157	106	19080	146
Galileo 1 2.0 006 4.105-3M			23540	239	98	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-5N	900	14480	134	108	16600	124
Galileo 1 2.0 006 4.9-3M			20970	206	102	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-5N	1050	15870	157	101	19080	146
Galileo 1 2.0 006 4.105-3M			22480	239	94	28620	219
Galileo 1 2.0 006 4.9-1M	ASP-6N	900	7360	69	107	8300	62
Galileo 1 2.0 006 4.9-2M			14230	134	106	16600	124
Galileo 1 2.0 006 4.9-3M			20600	206	100	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-6N	1050	15590	157	99	19080	146
Galileo 1 2.0 006 4.105-3M			22080	239	92	28620	219
Galileo 1 2.0 006 4.9-2M	ASP-7N	900	13800	134	103	16600	124
Galileo 1 2.0 006 4.9-3M			19980	206	97	24899	185
Galileo 1 2.0 006 4.105-2M	ASP-7N	1050	15120	157	96	19080	146
Galileo 1 2.0 006 4.105-3M			21420	239	90	28620	219

Photometric data v1.0

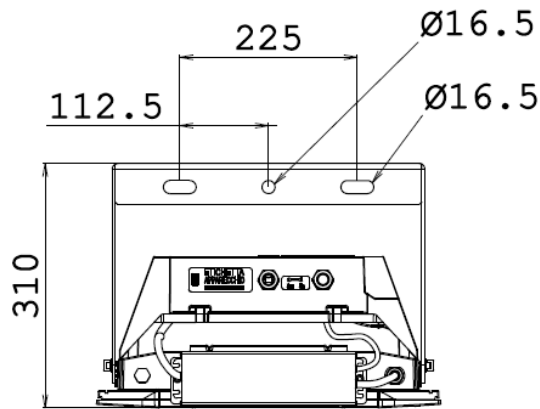
The tables above describe the flux and output power of the available versions. These parameters are necessary in order to guarantee a correct comparison of the luminaire performance. In particular, the luminaire efficiency (expressed in lm/W) must be calculated as the ratio between the output luminous 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.

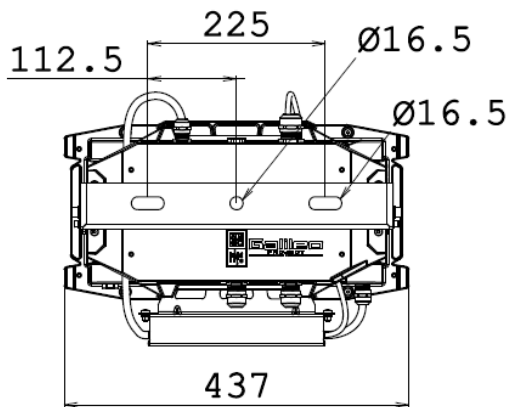
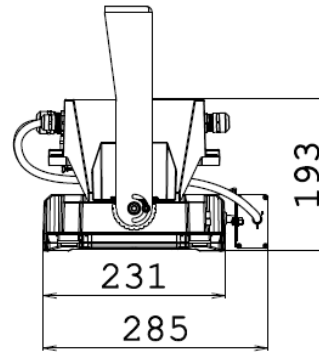


GALILEO 1
2 / 3 MODULE ASP / ASC

DIMENSIONAL DRAWINGS

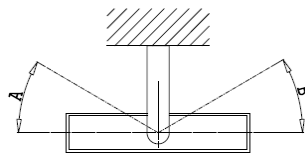


WEIGHT WITHOUT FIXING FLANGES: 8.3 kg
SIDE SURFACE: 0.06 m²
TOP SURFACE: 0.1 m²



AVAILABLE FIXING FLANGES

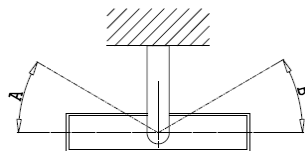
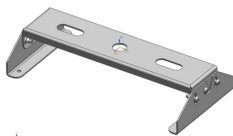
BRACKET A - STANDARD



A = 90°
B = 90°

1.6 kg

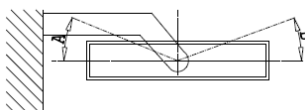
BRACKET B - OPTIONAL



A = 10°
B = 10°

0.6 kg

BRACKET G - OPTIONAL



A = 20°
B = 85°

1.3 kg