

FILOBAR 900

MAIN CHARACTERISTICS

Applications	Architectural grazing lighting.
Optic	<p>SP-RS12: Real spot optic. SP-S15: Spot optic. SP-M30: Medium spot optic. SP-W50: Wide spot optics SP-WW75: Very wide spot optics AS5-15-15: Optics for grazing lighting. AS5-15-60: Optics for grazing lighting. EL-15-40: Elliptic optic. EL-15-60: Elliptic optic. EL-15-135: Elliptic optic. EL-30-130: Elliptic optic. Colour temperature: 4000K, 3000K, 2700K, 2200K (others in option) CRI ≥80</p>
Insulation class	II, I
Protection degree	IP66/IP67 IK07
Dimensions	See the drawing
Weight	max 3.5kg
Exposed surface	<p>Version LM: Side: 0.060m² – Top: 0.036m² SCx: 0.12m² Version SM: Side: 0.036m² – Top: 0.060m² SCx: 0.12m²</p>
Mounting	<p>Brackets for universal wall, ceiling or floor installation. Bracket C: compact bracket Bracket A: cantilever bracket from 40 to 100mm. See table fastening systems</p>
Gear tray	Removable / Replaceable
Type of gear tray assembly	<p>SM: Gear tray compartment installed on the side of the device. LM: Gear tray compartment installed at the bottom of the device. RM: Remote gear tray compartment.</p>
Operating temp.	-20°C / +50°C
Storage temperature	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-5, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

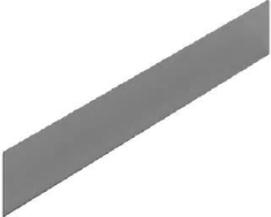


ELECTRICAL CHARACTERISTICS

Rated voltage	220+240V 50/60Hz (Standard tolerance ±10%. Other voltages and tolerances on request)
Power factor	>0.9 (at full load)
Mains connection	<p>Cable H07RN-F nx1.5mm² Optional: connector M/F IP66/68 for cables max. 2.5mm², Ø max. 14mm</p>
Control system (options)	<p>ON-OFF: Fixed power not dimmable. DALI: Digital dimming interface DALI.</p>
Optical unit lifetime (Tq=25°C)	<p>>100.000hr L90B10 >100.000hr L90, TM-21</p>

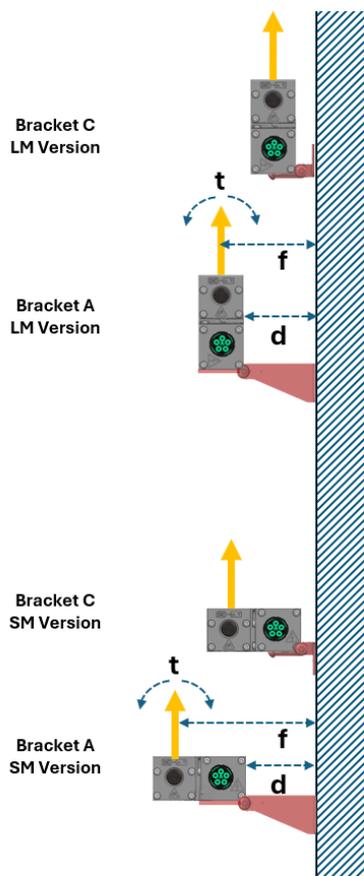
MATERIALS

Fixing	Stainless steel brackets.
Body	Aluminum EN-AW 6060T5. Painted.
Closure	Stainless steel screws.
Optic	PMMA
Screen	Flat tempered glass, 5mm thick, high transparency.
Cable gland	Metallic IP68
Gasket	Moulded silicone
Body colour	<p>Standard: Graphite - Code 01 or Titanium – Cod:P3 Optional: see "Optional Colours" below. (other colours on request)</p>

OPTICAL ACCESSORIES (OPTIONAL)		
HYB: Internal Honeycomb screen.	SH: External side screen	FV: External Full Visor Screen
		
<i>Consult the list of versions to check the availability of accessories depending on the selected optics</i>		

TYPES OF INSTALLATION

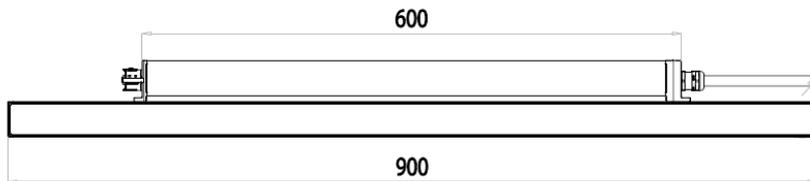
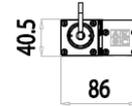
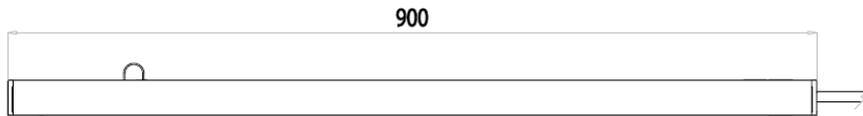
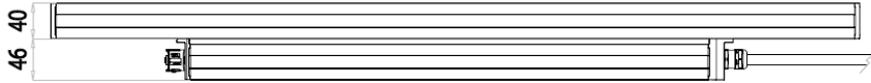
Bracket	f	d
C	90	27
A40	105	40
A60	125	60
A80	145	80
A100	165	100



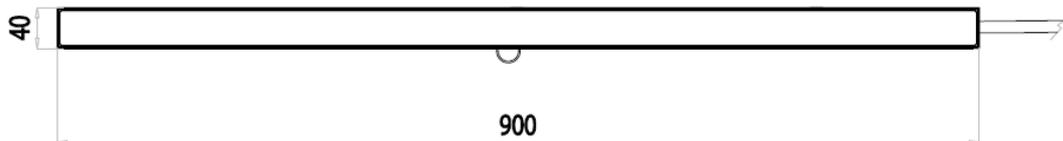
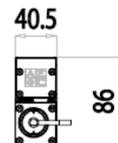
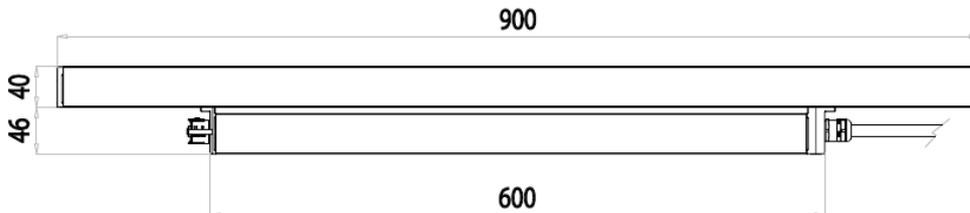
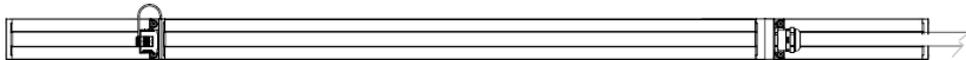
FIXING SYSTEMS

BRACKET	VERSION	INCLINATION
C	LM	-100° ÷ 10°
	SM	-100° ÷ 40°
A40	LM	-100° ÷ 28°
	SM	-100° ÷ 70°
A60	LM	-100° ÷ 45°
	SM	-100° ÷ 90°
A80	LM	-100° ÷ 65°
	SM	-100° ÷ 90°
A100	LM	-100° ÷ 90°
	SM	-100° ÷ 90°

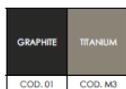
DIMENSIONAL DRAWING
Version SM



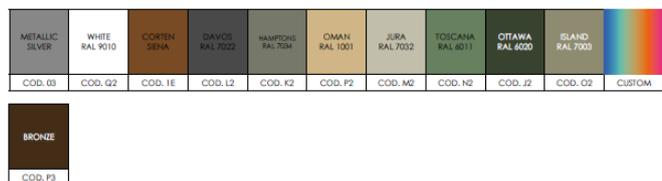
Version LM



Standard Colour



Optional Colours



FILOBAR (900) 3000K

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
FILOBAR (900) 2AL6 AS5-15-15 8030.350-3M		2050	20.6	99.5	50
FILOBAR (900) 2AL6 AS5-15-15 8030.600-3M		3350	34.9	95.9	50
FILOBAR (900) 2AL6 AS5-15-15 8030.900-3M		4720	51.4	91.8	35
FILOBAR (900) 2AL6 AS5-15-15 8030.350-3M HYB	AS5-15-15	1440	20.6	69.9	50
FILOBAR (900) 2AL6 AS5-15-15 8030.600-3M HYB		2350	34.9	67.3	50
FILOBAR (900) 2AL6 AS5-15-15 8030.900-3M HYB		3300	51.4	64.2	35
FILOBAR (900) 2AL6 AS5-15-60 8030.350-3M		1740	20.6	84.4	50
FILOBAR (900) 2AL6 AS5-15-60 8030.600-3M		2840	34.9	81.3	50
FILOBAR (900) 2AL6 AS5-15-60 8030.900-3M		4010	51.4	78	35
FILOBAR (900) 2AL6 AS5-15-60 8030.350-3M HYB	AS5-15-60	1010	20.6	49	50
FILOBAR (900) 2AL6 AS5-15-60 8030.600-3M HYB		1650	34.9	47.2	50
FILOBAR (900) 2AL6 AS5-15-60 8030.900-3M HYB		2330	51.4	45.3	35
FILOBAR (900) 2AL6 EL-15-40 8030.350-3M		1950	20.6	94.6	50
FILOBAR (900) 2AL6 EL-15-40 8030.600-3M		3180	34.9	91.1	50
FILOBAR (900) 2AL6 EL-15-40 8030.900-3M	EL-15-40	4490	51.4	87.3	35
FILOBAR (900) 2AL6 EL-15-60 8030.350-3M		1950	20.6	94.6	50
FILOBAR (900) 2AL6 EL-15-60 8030.600-3M		3180	34.9	91.1	50
FILOBAR (900) 2AL6 EL-15-60 8030.900-3M	EL-15-60	4490	51.4	87.3	35
FILOBAR (900) 2AL6 EL-15-135 8030.350-3M		1530	20.6	74.2	50
FILOBAR (900) 2AL6 EL-15-135 8030.600-3M		2500	34.9	71.6	50
FILOBAR (900) 2AL6 EL-15-135 8030.900-3M	EL-15-135	3530	51.4	68.6	35
FILOBAR (900) 2AL6 EL-30-130 8030.350-3M		1380	20.6	66.9	50
FILOBAR (900) 2AL6 EL-30-130 8030.600-3M		2250	34.9	64.4	50
FILOBAR (900) 2AL6 EL-30-130 8030.900-3M	EL-30-130	3170	51.4	61.6	35
FILOBAR (900) 2AL6 SP-RS12 8030.350-3M		2030	20.6	98.5	50
FILOBAR (900) 2AL6 SP-RS12 8030.600-3M		3310	34.9	94.8	50
FILOBAR (900) 2AL6 SP-RS12 8030.900-3M		4660	51.4	90.6	35
FILOBAR (900) 2AL6 SP-RS12 8030.350-3M HYB	SP-RS12	1480	20.6	71.8	50
FILOBAR (900) 2AL6 SP-RS12 8030.600-3M HYB		2420	34.9	69.3	50
FILOBAR (900) 2AL6 SP-RS12 8030.900-3M HYB		3400	51.4	66.1	35
FILOBAR (900) 2AL6 SP-S15 8030.350-3M		1950	20.6	94.6	50
FILOBAR (900) 2AL6 SP-S15 8030.600-3M		3180	34.9	91.1	50
FILOBAR (900) 2AL6 SP-S15 8030.900-3M		4490	51.4	87.3	35
FILOBAR (900) 2AL6 SP-S15 8030.350-3M HYB	SP-S15	1380	20.6	66.9	50
FILOBAR (900) 2AL6 SP-S15 8030.600-3M HYB		2260	34.9	64.7	50
FILOBAR (900) 2AL6 SP-S15 8030.900-3M HYB		3190	51.4	62	35
FILOBAR (900) 2AL6 SP-M30 8030.350-3M		1820	20.6	88.3	50
FILOBAR (900) 2AL6 SP-M30 8030.600-3M		2970	34.9	85.1	50
FILOBAR (900) 2AL6 SP-M30 8030.900-3M		4190	51.4	81.5	35
FILOBAR (900) 2AL6 SP-M30 8030.350-3M HYB	SP-M30	1110	20.6	53.8	50
FILOBAR (900) 2AL6 SP-M30 8030.600-3M HYB		1810	34.9	51.8	50
FILOBAR (900) 2AL6 SP-M30 8030.900-3M HYB		2560	51.4	49.8	35
FILOBAR (900) 2AL6 SP-W50 8030.350-3M		1610	20.6	78.1	50
FILOBAR (900) 2AL6 SP-W50 8030.600-3M		2630	34.9	75.3	50
FILOBAR (900) 2AL6 SP-W50 8030.900-3M		3710	51.4	72.1	35
FILOBAR (900) 2AL6 SP-W50 8030.350-3M HYB	SP-W50	770	20.6	37.3	50
FILOBAR (900) 2AL6 SP-W50 8030.600-3M HYB		1260	34.9	36.1	50
FILOBAR (900) 2AL6 SP-W50 8030.900-3M HYB		1780	51.4	34.6	35
FILOBAR (900) 2AL6 SP-WW75 8030.350-3M		1530	20.6	74.2	50
FILOBAR (900) 2AL6 SP-WW75 8030.600-3M		2500	34.9	71.6	50
FILOBAR (900) 2AL6 SP-WW75 8030.900-3M	SP-WW75	3530	51.4	68.6	35

*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.

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