

**FILOBAR 600**

**MAIN CHARACTERISTICS**

<b>Applications</b>	Architectural grazing lighting.
<b>Optic</b>	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
<b>Insulation class</b>	II, I
<b>Protection degree</b>	IP66/IP67   IK07
<b>Dimensions</b>	See the drawing
<b>Weight</b>	max 2.5kg
<b>Exposed surface</b>	Version LM: Side: 0.036m <sup>2</sup> – Top: 0.024m <sup>2</sup>   SCx: 0.05m <sup>2</sup> Version SM: Side: 0.024m <sup>2</sup> – Top: 0.036m <sup>2</sup>   SCx: 0.05m <sup>2</sup>
<b>Mounting</b>	Brackets for universal wall, ceiling or floor installation. Bracket C: compact bracket Bracket A: cantilever bracket from 40 to 100mm. See table fastening systems
<b>Gear tray</b>	Removable / Replaceable
<b>Type of gear tray assembly</b>	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.
<b>Operating temp.</b>	-20°C / +50°C
<b>Storage temperature</b>	-40°C / +80°C
<b>Main reference standards</b>	EN 60598-1, EN 60598-2-5, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

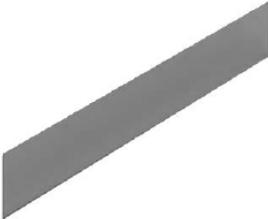


**ELECTRICAL CHARACTERISTICS**

<b>Rated voltage</b>	220÷240V 50/60Hz (Standard tolerance ±10%. Other voltages and tolerances on request)
<b>Power factor</b>	>0.9 (at full load)
<b>Mains connection</b>	Cable H07RN-F nx1.5mm <sup>2</sup> Optional: connector M/F IP66/68 for cables max. 2.5mm <sup>2</sup> , Ø max. 14mm
<b>Control system (options)</b>	ON-OFF: Fixed power not dimmable. DALI: Digital dimming interface DALI.
<b>Optical unit lifetime (Tq=25°C)</b>	>100.000hr L90B10 >100.000hr L90, TM-21

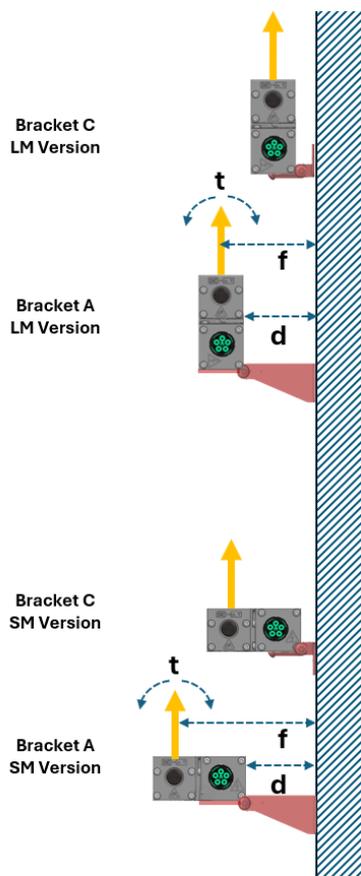
**MATERIALS**

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

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**

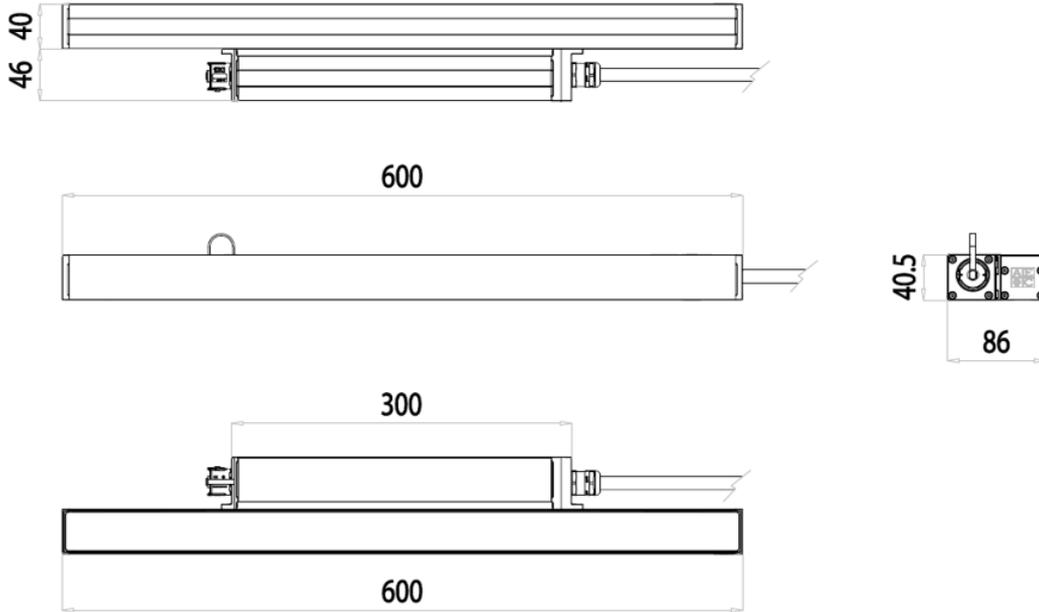
Bracket	f	d
C	90	27
A40	105	40
A60	125	60
A80	145	80
A100	165	100



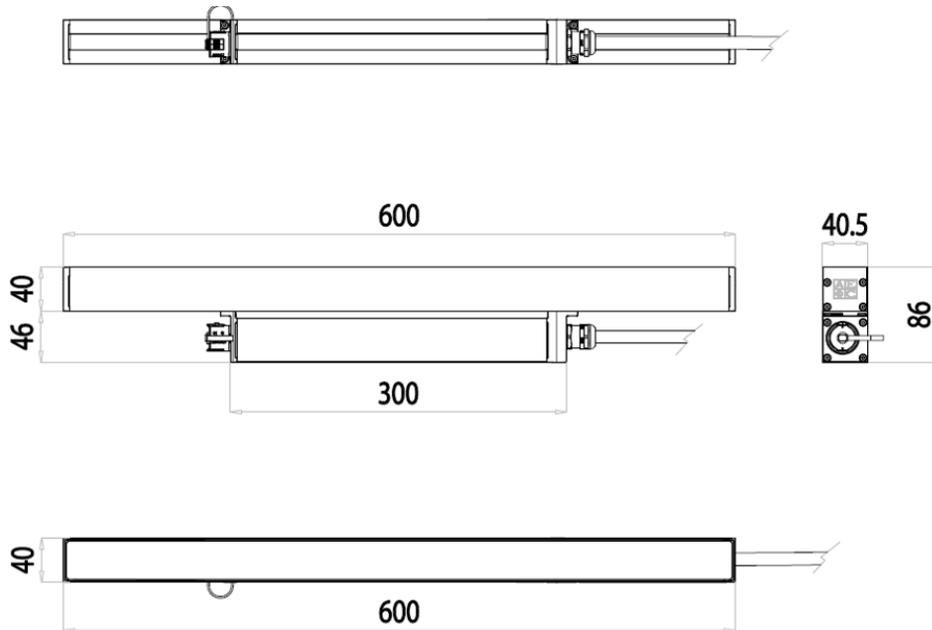
**FIXING SYSTEMS**

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°

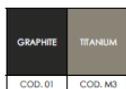
**DIMENSIONAL DRAWING**  
Version SM



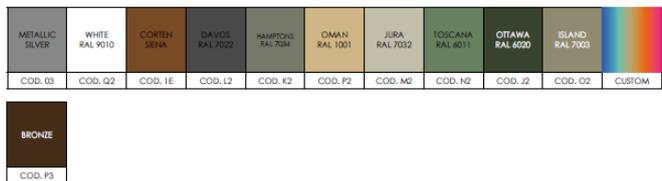
**Version LM**



**Standard Colour**



**Optional Colours**



**FILOBAR (600) 3000K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
FILOBAR (600) OAL6 AS5-15-15 8030.350-2M		1370	14.6	93.8	50
FILOBAR (600) OAL6 AS5-15-15 8030.650-2M		2390	25.6	93.3	50
FILOBAR (600) OAL6 AS5-15-15 8030.950-2M		3270	36.1	90.5	35
FILOBAR (600) OAL6 AS5-15-15 8030.350-2M HYB	AS5-15-15	960	14.6	65.7	50
FILOBAR (600) OAL6 AS5-15-15 8030.650-2M HYB		1670	25.6	65.2	50
FILOBAR (600) OAL6 AS5-15-15 8030.950-2M HYB		2290	36.1	63.4	35
FILOBAR (600) OAL6 AS5-15-60 8030.350-2M		1160	14.6	79.4	50
FILOBAR (600) OAL6 AS5-15-60 8030.650-2M		2030	25.6	79.2	50
FILOBAR (600) OAL6 AS5-15-60 8030.950-2M		2770	36.1	76.7	35
FILOBAR (600) OAL6 AS5-15-60 8030.350-2M HYB	AS5-15-60	670	14.6	45.8	50
FILOBAR (600) OAL6 AS5-15-60 8030.650-2M HYB		1180	25.6	46	50
FILOBAR (600) OAL6 AS5-15-60 8030.950-2M HYB		1610	36.1	44.5	35
FILOBAR (600) OAL6 EL-15-40 8030.350-2M		1300	14.6	89	50
FILOBAR (600) OAL6 EL-15-40 8030.650-2M	EL-15-40	2270	25.6	88.6	50
FILOBAR (600) OAL6 EL-15-40 8030.950-2M		3110	36.1	86.1	35
FILOBAR (600) OAL6 EL-15-60 8030.350-2M		1300	14.6	89	50
FILOBAR (600) OAL6 EL-15-60 8030.650-2M	EL-15-60	2270	25.6	88.6	50
FILOBAR (600) OAL6 EL-15-60 8030.950-2M		3110	36.1	86.1	35
FILOBAR (600) OAL6 EL-15-135 8030.350-2M		1020	14.6	69.8	50
FILOBAR (600) OAL6 EL-15-135 8030.650-2M	EL-15-135	1790	25.6	69.9	50
FILOBAR (600) OAL6 EL-15-135 8030.950-2M		2440	36.1	67.5	35
FILOBAR (600) OAL6 EL-30-130 8030.350-2M		920	14.6	63	50
FILOBAR (600) OAL6 EL-30-130 8030.650-2M	EL-30-130	1610	25.6	62.8	50
FILOBAR (600) OAL6 EL-30-130 8030.950-2M		2190	36.1	60.6	35
FILOBAR (600) OAL6 SP-RS12 8030.350-2M		1350	14.6	92.4	50
FILOBAR (600) OAL6 SP-RS12 8030.650-2M		2360	25.6	92.1	50
FILOBAR (600) OAL6 SP-RS12 8030.950-2M		3230	36.1	89.4	35
FILOBAR (600) OAL6 SP-RS12 8030.350-2M HYB	SP-RS12	990	14.6	67.8	50
FILOBAR (600) OAL6 SP-RS12 8030.650-2M HYB		1720	25.6	67.1	50
FILOBAR (600) OAL6 SP-RS12 8030.950-2M HYB		2360	36.1	65.3	35
FILOBAR (600) OAL6 SP-S15 8030.350-2M		1300	14.6	89	50
FILOBAR (600) OAL6 SP-S15 8030.650-2M		2270	25.6	88.6	50
FILOBAR (600) OAL6 SP-S15 8030.950-2M		3110	36.1	86.1	35
FILOBAR (600) OAL6 SP-S15 8030.350-2M HYB	SP-S15	920	14.6	63	50
FILOBAR (600) OAL6 SP-S15 8030.650-2M HYB		1610	25.6	62.8	50
FILOBAR (600) OAL6 SP-S15 8030.950-2M HYB		2210	36.1	61.2	35
FILOBAR (600) OAL6 SP-M30 8030.350-2M		1210	14.6	82.8	50
FILOBAR (600) OAL6 SP-M30 8030.650-2M		2120	25.6	82.8	50
FILOBAR (600) OAL6 SP-M30 8030.950-2M		2900	36.1	80.3	35
FILOBAR (600) OAL6 SP-M30 8030.350-2M HYB	SP-M30	740	14.6	50.6	50
FILOBAR (600) OAL6 SP-M30 8030.650-2M HYB		1290	25.6	50.3	50
FILOBAR (600) OAL6 SP-M30 8030.950-2M HYB		1770	36.1	49	35
FILOBAR (600) OAL6 SP-W50 8030.350-2M		1070	14.6	73.2	50
FILOBAR (600) OAL6 SP-W50 8030.650-2M		1880	25.6	73.4	50
FILOBAR (600) OAL6 SP-W50 8030.950-2M		2570	36.1	71.1	35
FILOBAR (600) OAL6 SP-W50 8030.350-2M HYB	SP-W50	510	14.6	34.9	50
FILOBAR (600) OAL6 SP-W50 8030.650-2M HYB		900	25.6	35.1	50
FILOBAR (600) OAL6 SP-W50 8030.950-2M HYB		1230	36.1	34	35
FILOBAR (600) OAL6 SP-WW75 8030.350-2M		1020	14.6	69.8	50
FILOBAR (600) OAL6 SP-WW75 8030.650-2M	SP-WW75	1790	25.6	69.9	50
FILOBAR (600) OAL6 SP-WW75 8030.950-2M		2440	36.1	67.5	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.