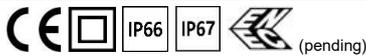


FILOBAR 300

MAIN CHARACTERISTICS

Applications	Architectural grazing lighting.
Optic	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
Insulation class	II, I
Protection degree	IP66/IP67 IK07
Dimensions	See the drawing
Weight	max 1.5kg
Exposed surface	Version LM: Side: 0.023m ² – Top: 0.013m ² SCx: 0.05m ² Version SM: Side: 0.013m ² – Top: 0.023m ² SCx: 0.05m ²
Mounting	Brackets for universal wall, ceiling or floor installation. Bracket C: compact bracket Bracket A: cantilever bracket from 40 to 100mm. See table fastening systems
Gear tray	Removable / Replaceable
Type of gear tray assembly	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.
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

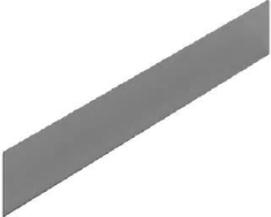


ELECTRICAL CHARACTERISTICS

Rated voltage	220+240V 50/60Hz (Standard tolerance ±10%. Other voltages and tolerances on request)
Power factor	>0.9 (at full load) >0.8 (at full load) for sizes with power ≤ 11W
Mains connection	Cable H07RN-F nx1.5mm ² Optional: connector M/F IP66/68 for cables max. 2.5mm ² , Ø max. 14mm
Control system (options)	ON-OFF: Fixed power not dimmable. DALI: Digital dimming interface DALI.
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM-21

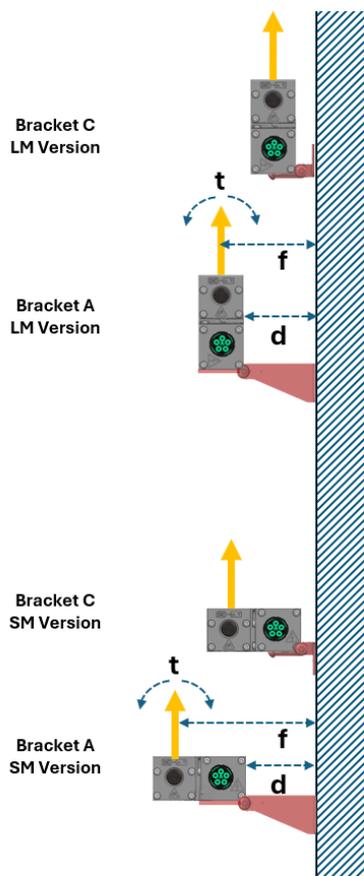
MATERIALS

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	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

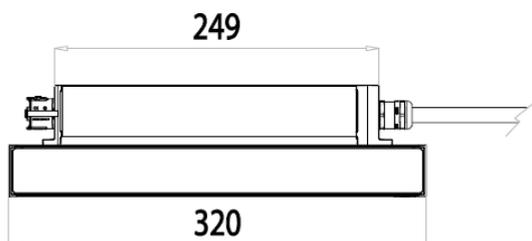
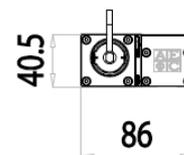
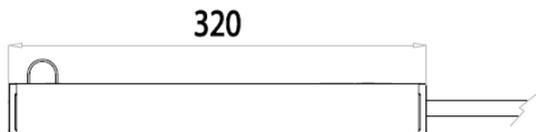
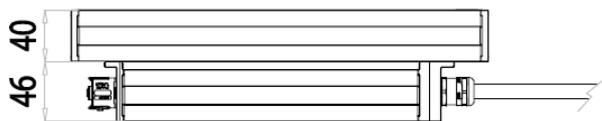


FIXING SYSTEMS

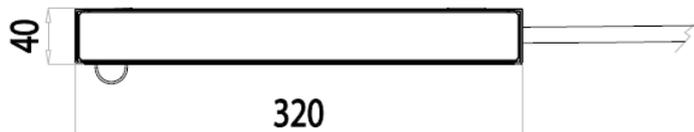
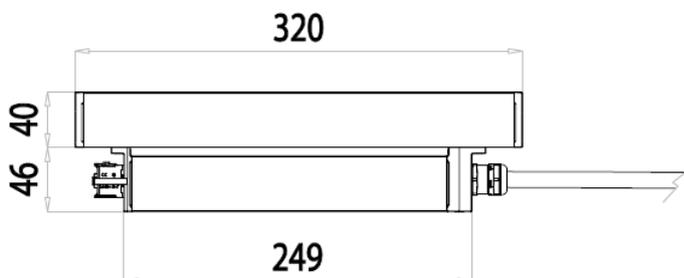
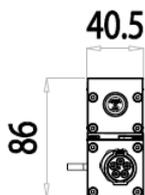
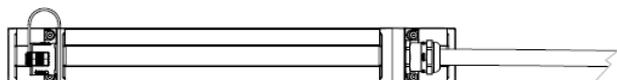
BRACKET	VERSION	INCLINATION
C	LM	-100° ÷ 10°
	SM	-100° ÷ 40°
A40	LM	-100° ÷ 28°
	SM	-100° ÷ 70°
A60	LM	-100° ÷ 45°
	SM	-100° ÷ 90°
A80	LM	-100° ÷ 65°
	SM	-100° ÷ 90°
A100	LM	-100° ÷ 90°
	SM	-100° ÷ 90°

DIMENSIONAL DRAWING

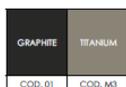
Version SM



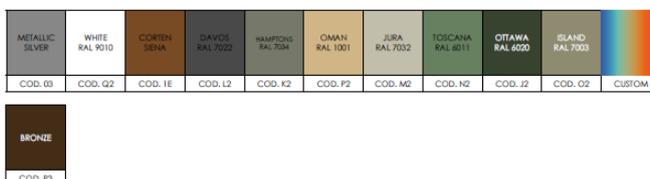
Version LM



Standard Colour



Optional Colours



FILOBAR (300) 3000K

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
FILOBAR (300) OAL6 AS5-15-15 8030.350-1M		680	8.2	82.9	50
FILOBAR (300) OAL6 AS5-15-15 8030.650-1M		1190	13.5	88.1	50
FILOBAR (300) OAL6 AS5-15-15 8030.950-1M		1640	19.8	82.8	35
FILOBAR (300) OAL6 AS5-15-15 8030.350-1M HYB	AS5-15-15	480	8.2	58.5	50
FILOBAR (300) OAL6 AS5-15-15 8030.650-1M HYB		830	13.5	61.4	50
FILOBAR (300) OAL6 AS5-15-15 8030.950-1M HYB		1150	19.8	58	35
FILOBAR (300) OAL6 AS5-15-60 8030.350-1M		580	8.2	70.7	50
FILOBAR (300) OAL6 AS5-15-60 8030.650-1M		1010	13.5	74.8	50
FILOBAR (300) OAL6 AS5-15-60 8030.950-1M		1390	19.8	70.2	35
FILOBAR (300) OAL6 AS5-15-60 8030.350-1M HYB	AS5-15-60	340	8.2	41.4	50
FILOBAR (300) OAL6 AS5-15-60 8030.650-1M HYB		590	13.5	43.7	50
FILOBAR (300) OAL6 AS5-15-60 8030.950-1M HYB		810	19.8	40.9	35
FILOBAR (300) OAL6 EL-15-40 8030.350-1M		650	8.2	79.2	50
FILOBAR (300) OAL6 EL-15-40 8030.650-1M		1130	13.5	83.7	50
FILOBAR (300) OAL6 EL-15-40 8030.950-1M		1550	19.8	78.2	35
FILOBAR (300) OAL6 EL-15-60 8030.350-1M		650	8.2	79.2	50
FILOBAR (300) OAL6 EL-15-60 8030.650-1M	EL-15-60	1130	13.5	83.7	50
FILOBAR (300) OAL6 EL-15-60 8030.950-1M		1550	19.8	78.2	35
FILOBAR (300) OAL6 EL-15-135 8030.350-1M		510	8.2	62.1	50
FILOBAR (300) OAL6 EL-15-135 8030.650-1M	EL-15-135	890	13.5	65.9	50
FILOBAR (300) OAL6 EL-15-135 8030.950-1M		1220	19.8	61.6	35
FILOBAR (300) OAL6 EL-30-130 8030.350-1M		460	8.2	56	50
FILOBAR (300) OAL6 EL-30-130 8030.650-1M	EL-30-130	800	13.5	59.2	50
FILOBAR (300) OAL6 EL-30-130 8030.950-1M		1100	19.8	55.5	35
FILOBAR (300) OAL6 SP-RS12 8030.350-1M		670	8.2	81.7	50
FILOBAR (300) OAL6 SP-RS12 8030.650-1M		1180	13.5	87.4	50
FILOBAR (300) OAL6 SP-RS12 8030.950-1M		1610	19.8	81.3	35
FILOBAR (300) OAL6 SP-RS12 8030.350-1M HYB	SP-RS12	490	8.2	59.7	50
FILOBAR (300) OAL6 SP-RS12 8030.650-1M HYB		860	13.5	63.7	50
FILOBAR (300) OAL6 SP-RS12 8030.950-1M HYB		1180	19.8	59.5	35
FILOBAR (300) OAL6 SP-S15 8030.350-1M		650	8.2	79.2	50
FILOBAR (300) OAL6 SP-S15 8030.650-1M		1130	13.5	83.7	50
FILOBAR (300) OAL6 SP-S15 8030.950-1M		1550	19.8	78.2	35
FILOBAR (300) OAL6 SP-S15 8030.350-1M HYB	SP-S15	460	8.2	56	50
FILOBAR (300) OAL6 SP-S15 8030.650-1M HYB		800	13.5	59.2	50
FILOBAR (300) OAL6 SP-S15 8030.950-1M HYB		1100	19.8	55.5	35
FILOBAR (300) OAL6 SP-M30 8030.350-1M		600	8.2	73.1	50
FILOBAR (300) OAL6 SP-M30 8030.650-1M		1060	13.5	78.5	50
FILOBAR (300) OAL6 SP-M30 8030.950-1M		1450	19.8	73.2	35
FILOBAR (300) OAL6 SP-M30 8030.350-1M HYB	SP-M30	370	8.2	45.1	50
FILOBAR (300) OAL6 SP-M30 8030.650-1M HYB		650	13.5	48.1	50
FILOBAR (300) OAL6 SP-M30 8030.950-1M HYB		880	19.8	44.4	35
FILOBAR (300) OAL6 SP-W50 8030.350-1M		530	8.2	64.6	50
FILOBAR (300) OAL6 SP-W50 8030.650-1M		940	13.5	69.6	50
FILOBAR (300) OAL6 SP-W50 8030.950-1M		1280	19.8	64.6	35
FILOBAR (300) OAL6 SP-W50 8030.350-1M HYB	SP-W50	250	8.2	30.4	50
FILOBAR (300) OAL6 SP-W50 8030.650-1M HYB		450	13.5	33.3	50
FILOBAR (300) OAL6 SP-W50 8030.950-1M HYB		610	19.8	30.8	35
FILOBAR (300) OAL6 SP-WW75 8030.350-1M		510	8.2	62.1	50
FILOBAR (300) OAL6 SP-WW75 8030.650-1M	SP-WW75	890	13.5	65.9	50
FILOBAR (300) OAL6 SP-WW75 8030.950-1M		1220	19.8	61.6	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.