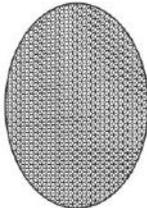




QUBI 1	
MAIN CHARACTERISTICS	
Applications	Urban and architectural lighting.
Optic	Architectural lighting optics: SP-RS12: Real spot optic. SP-S15: Spot optic. SP-M30: Medium spot optic. SP-W50: Wide spot optics SP-WW75: Very wide spot optics AS5-15-15: Optics for grazing lighting. AS5-15-60: Optics for grazing lighting. EL-15-40: Elliptic optic. EL-15-60: Elliptic optic. EL-15-135: Elliptic optic. EL-30-130: Elliptic optic. Optics for urban lighting: SL05 / SL07: Asymmetrical optic for street, urban and green areas lighting. SLE-M / SLE-S: Asymmetrical optic for suburban street lighting. SLU-M / SLU-S: Asymmetrical optic for street, urban and cycle-path lighting. SLS: Symmetrical optic for street, urban and green areas lighting. Colour temperature: 4000K, 3000K, 2700K, 2200K (others in option) CRI ≥80
Insulation class	II, I
Protection degree	IP66/IP67 IK09
Dimensions	See the drawing
Weight	max 3kg excluding mounting accessories
Exposed surface	Side: 0.026m ² – Top: 0.037m ²
Mounting	AM-S: Universal surface mounting. Upper attack. AM-P: Universal surface mounting. Rear attachment. APL: Compact wall mount. AP-S: Pole fixing Ø102-127. Upper attack. AP-P: Pole fixing Ø102-127. Rear attachment. AP-B: Arm fixing Ø60. AP-TP: Fixing Post-Top Ø76-102-127.
Tilt Angle	AM-S: -5° / +150° AM-P: -85° / +90° APL: -5° / +5° AC-S: -5° / +150° AC-P: -85° / +90° AP-B: 0° AP-TP: 0°
LED Modules	Removable / Replaceable
Gear tray	Removable / Replaceable
Operating temp.	-40°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	Cable 2-3-4 poles H07RN-F nx1mm ² L=1m Cable 5 poles 05RN-F nx1mm ² L=1m Optional: connector M/F IP66/68 for cables max. 1.5mm ² , Ø max. 13mm
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM. Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 10kV / 6kV CM/DM.
SPD (optional)	12kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.



Control system (options)	ON-OFF: Fixed power not dimmable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux. DALI: Digital dimming interface DALI.
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM-21
MATERIALS	
Fixing	AM-S: Die-cast aluminium UNI EN1706. Powder-coated. AM-P: Die-cast aluminium UNI EN1706. Powder-coated. APL: Die-cast aluminium UNI EN1706. Powder-coated with steel bracket AC-S: Die-cast aluminium UNI EN1706. Powder-coated. AC-P: Die-cast aluminium UNI EN1706. Powder-coated. AP-B: Steel S235JR. Powder coated. AP-TP: Die-cast aluminium UNI EN1706. Powder-coated.
Body	Die-cast aluminium UNI EN1706. Powder-coated.
Optic	PMMA
Screen	Flat tempered glass, 5mm thick, high transparency.
Cable gland	Metallic - IP68
Gasket	Moulded silicone
Body colour	Standard: Graphite - Code 01 or Bronze – Cod:P3 Optional: see "Optional Colours" below. (other colours on request)

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

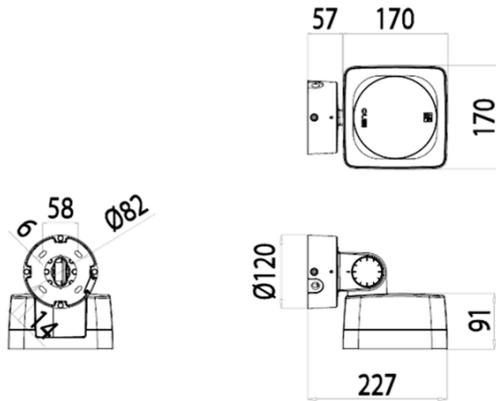
MOUNTING ACCESSORIES (OPTIONAL)
Metal stake Fundraiser Kit Band for fixing on shafts Note: See the accessories tab for more information

ADJUSTMENT OF ELLIPTICAL OPTICAL ORIENTATION

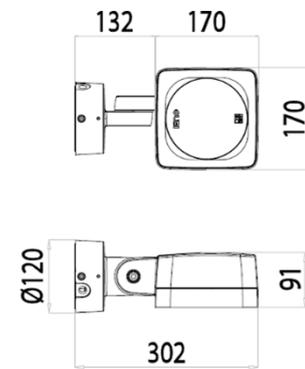


DIMENSIONAL DRAWINGS

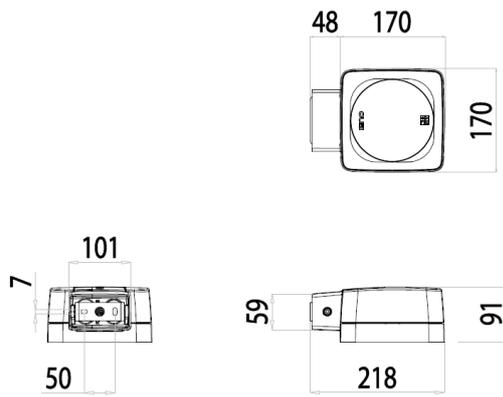
AM-S



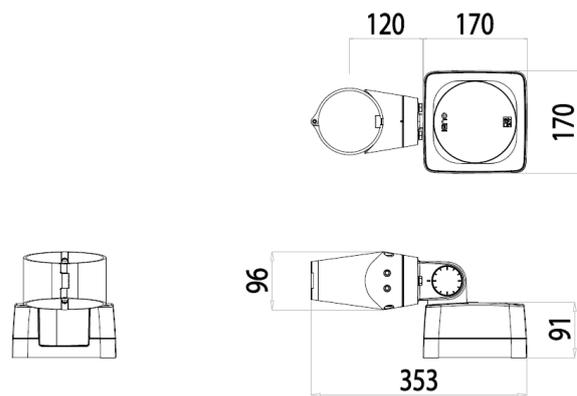
AM-P



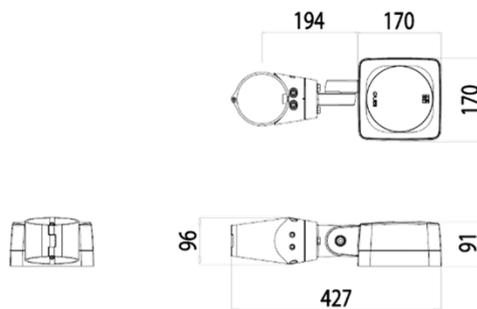
APL



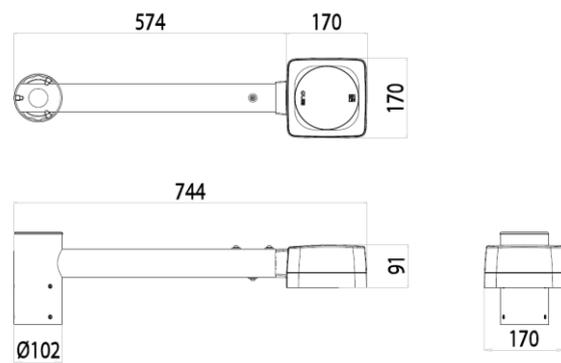
AC-S



AC-P

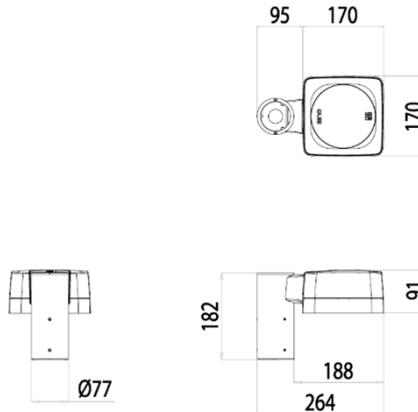


AP-B





AP-TP



Standard Colour

GRAPHITE	BRONZE
COD. 01	COD. P5

Optional Colours

METALLIC SILVER	WHITE RAL 9010	CORTEN SIENA	DAVOS RAL 7022	HAMPTONS RAL 7034	OMAN RAL 1001	JURA RAL 7032	TOSCANA RAL 6011	OTTAWA RAL 6020	ISLAND RAL 7003	DOUBLE	CUSTOM
COD. 03	COD. Q2	COD. 1E	COD. L2	COD. K2	COD. P2	COD. M2	COD. N2	COD. J2	COD. O2		



QUBI 1 3000K

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
QUBI 1 0AL9 AS5-15-15 8030.350-1M	AS5-15-15	1030	11.5	89.5	50
QUBI 1 0AL9 AS5-15-15 8030.400-1M		1150	12.9	89.1	50
QUBI 1 0AL9 AS5-15-15 8030.650-1M		1810	20.4	88.7	35
QUBI 1 0AL9 AS5-15-15 8030.350-1M HYB		720	11.5	62.6	50
QUBI 1 0AL9 AS5-15-15 8030.400-1M HYB		810	12.9	62.7	50
QUBI 1 0AL9 AS5-15-15 8030.650-1M HYB		1270	20.4	62.2	35
QUBI 1 0AL9 AS5-15-60 8030.350-1M	AS5-15-60	870	11.5	75.6	50
QUBI 1 0AL9 AS5-15-60 8030.400-1M		970	12.9	75.1	50
QUBI 1 0AL9 AS5-15-60 8030.650-1M		1530	20.4	75.0	35
QUBI 1 0AL9 AS5-15-60 8030.350-1M HYB		500	11.5	43.4	50
QUBI 1 0AL9 AS5-15-60 8030.400-1M HYB		560	12.9	43.4	50
QUBI 1 0AL9 AS5-15-60 8030.650-1M HYB		890	20.4	43.6	35
QUBI 1 0AL9 EL-15-40 8030.350-1M	EL-15-40	980	11.5	85.2	50
QUBI 1 0AL9 EL-15-40 8030.400-1M		1090	12.9	84.4	50
QUBI 1 0AL9 EL-15-40 8030.650-1M		1710	20.4	83.8	35
QUBI 1 0AL9 EL-15-60 8030.350-1M	EL-15-60	980	11.5	85.2	50
QUBI 1 0AL9 EL-15-60 8030.400-1M		1090	12.9	84.4	50
QUBI 1 0AL9 EL-15-60 8030.650-1M		1710	20.4	83.8	35
QUBI 1 0AL9 EL-15-135 8030.350-1M	EL-15-135	770	11.5	66.9	50
QUBI 1 0AL9 EL-15-135 8030.400-1M		860	12.9	66.6	50
QUBI 1 0AL9 EL-15-135 8030.650-1M		1350	20.4	66.1	35
QUBI 1 0AL9 EL-30-130 8030.350-1M	EL-30-130	690	11.5	60.0	50
QUBI 1 0AL9 EL-30-130 8030.400-1M		770	12.9	59.6	50
QUBI 1 0AL9 EL-30-130 8030.650-1M		1210	20.4	59.3	35
QUBI 1 0AL9 SP-RS12 8030.350-1M	SP-RS12	1010	11.5	87.8	50
QUBI 1 0AL9 SP-RS12 8030.400-1M		1130	12.9	87.5	50
QUBI 1 0AL9 SP-RS12 8030.650-1M		1780	20.4	87.2	35
QUBI 1 0AL9 SP-RS12 8030.350-1M HYB		740	11.5	64.3	50
QUBI 1 0AL9 SP-RS12 8030.400-1M HYB		820	12.9	63.5	50
QUBI 1 0AL9 SP-RS12 8030.650-1M HYB		1300	20.4	63.7	35
QUBI 1 0AL9 SP-S15 8030.350-1M	SP-S15	980	11.5	85.2	50
QUBI 1 0AL9 SP-S15 8030.400-1M		1090	12.9	84.4	50
QUBI 1 0AL9 SP-S15 8030.650-1M		1710	20.4	83.8	35
QUBI 1 0AL9 SP-S15 8030.350-1M HYB		700	11.5	60.8	50
QUBI 1 0AL9 SP-S15 8030.400-1M HYB		770	12.9	59.6	50
QUBI 1 0AL9 SP-S15 8030.650-1M HYB		1210	20.4	59.3	35
QUBI 1 0AL9 SP-M30 8030.350-1M	SP-M30	910	11.5	79.1	50
QUBI 1 0AL9 SP-M30 8030.400-1M		1010	12.9	78.2	50
QUBI 1 0AL9 SP-M30 8030.650-1M		1600	20.4	78.4	35
QUBI 1 0AL9 SP-M30 8030.350-1M HYB		560	11.5	48.6	50
QUBI 1 0AL9 SP-M30 8030.400-1M HYB		620	12.9	48.0	50
QUBI 1 0AL9 SP-M30 8030.650-1M HYB		980	20.4	48.0	35
QUBI 1 0AL9 SP-W50 8030.350-1M	SP-W50	810	11.5	70.4	50
QUBI 1 0AL9 SP-W50 8030.400-1M		900	12.9	69.7	50
QUBI 1 0AL9 SP-W50 8030.650-1M		1420	20.4	69.6	35
QUBI 1 0AL9 SP-W50 8030.350-1M HYB		390	11.5	33.9	50
QUBI 1 0AL9 SP-W50 8030.400-1M HYB		430	12.9	33.3	50
QUBI 1 0AL9 SP-W50 8030.650-1M HYB		680	20.4	33.3	35
QUBI 1 0AL9 SP-WW75 8030.350-1M	SP-WW75	770	11.5	66.9	50
QUBI 1 0AL9 SP-WW75 8030.400-1M		860	12.9	66.6	50
QUBI 1 0AL9 SP-WW75 8030.650-1M		1350	20.4	66.1	35

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