



QUBI

QUBI 2

MAIN CHARACTERISTICS

Applications	Urban and architectural lighting.
Optic	<p>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.</p> <p>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</p>
Insulation class	II, I
Protection degree	IP66/IP67 IK09
Dimensions	See the drawing
Weight	max 5kg excluding mounting accessories
Exposed surface	Side: 0.033m ² – Top: 0.061m 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.	-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	Cable H07RN-F nx1.5mm ² 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. ZHAGA(S): Socket 4 pin (ZHAGA Book 18)
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>		

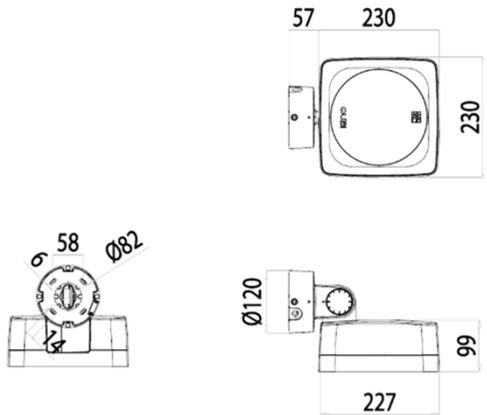
MOUNTING ACCESSORIES (OPTIONAL)
Metal stake Fundraiser Kit Band for fixing on shafts Note: See the accessories tab for more information

ADJUSTMENT OF ELLIPTICAL OPTICAL ORIENTATION

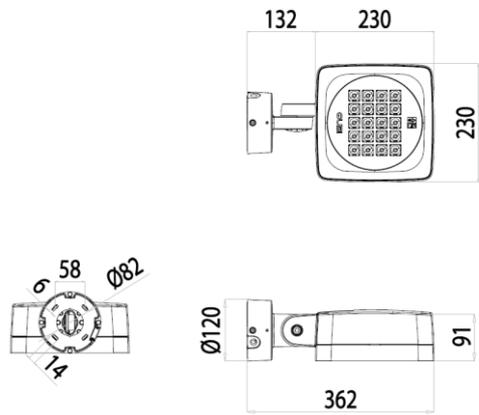


DIMENSIONAL DRAWINGS

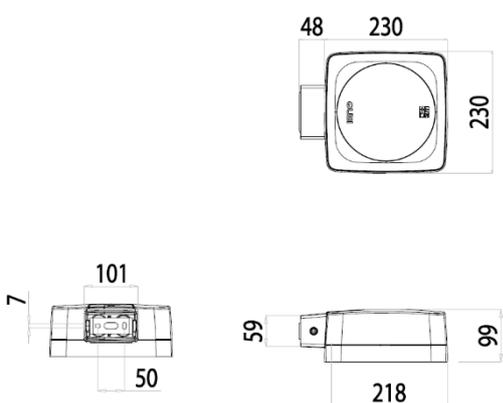
AM-S



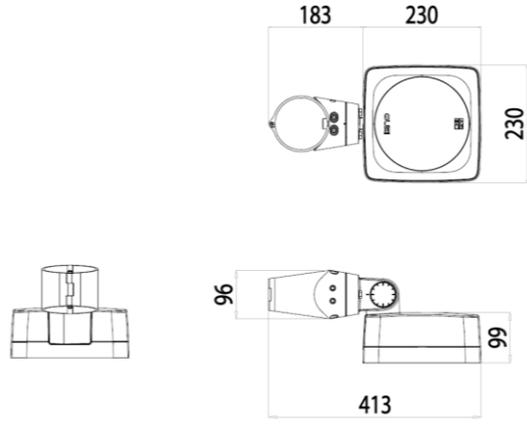
AM-P



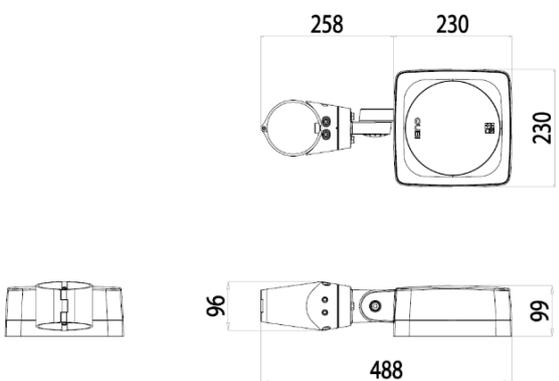
APL



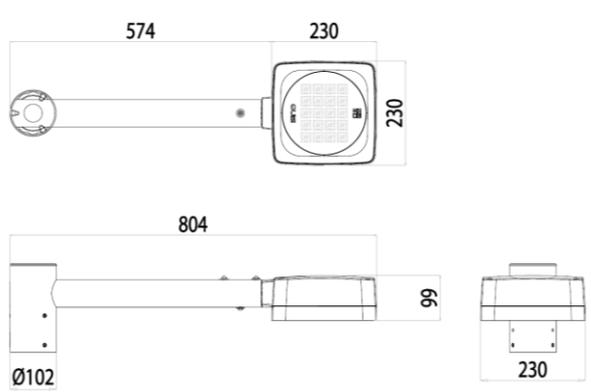
AC-S



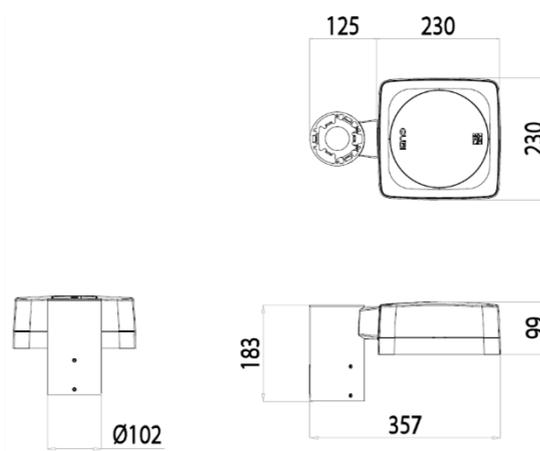
AC-P



AP-B



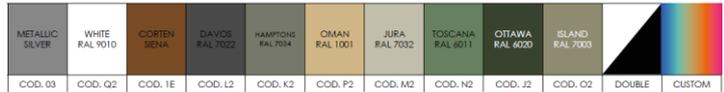
AP-TP



Standard Colour



Optional Colours



QUBI 2 3000K

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
QUBI 2 0AL20 AS5-15-15 8030.350-1M		2270	25	90.8	50
QUBI 2 0AL20 AS5-15-15 8030.600-1M	AS5-15-15	3750	40.2	93.2	35
QUBI 2 0AL20 AS5-15-15 8030.350-1M HYB		1590	25	63.6	50
QUBI 2 0AL20 AS5-15-15 8030.600-1M HYB		2630	40.2	65.4	35
QUBI 2 0AL20 AS5-15-60 8030.350-1M	AS5-15-60	1920	25	76.8	50
QUBI 2 0AL20 AS5-15-60 8030.600-1M		3180	40.2	79.1	35
QUBI 2 0AL20 AS5-15-60 8030.350-1M HYB		1110	25	44.4	50
QUBI 2 0AL20 AS5-15-60 8030.600-1M HYB		1840	40.2	45.7	35
QUBI 2 0AL20 EL-15-40 8030.350-1M	EL-15-40	2150	25	86.0	50
QUBI 2 0AL20 EL-15-40 8030.600-1M		3560	40.2	88.5	35
QUBI 2 0AL20 EL-15-60 8030.350-1M	EL-15-60	2150	25	86.0	50
QUBI 2 0AL20 EL-15-60 8030.600-1M		3560	40.2	88.5	35
QUBI 2 0AL20 EL-15-135 8030.350-1M	EL-15-135	1690	25	67.6	50
QUBI 2 0AL20 EL-15-135 8030.600-1M		2800	40.2	69.6	35
QUBI 2 0AL20 EL-30-130 8030.350-1M	EL-30-130	1520	25	60.8	50
QUBI 2 0AL20 EL-30-130 8030.600-1M		2510	40.2	62.4	35
QUBI 2 0AL20 SP-RS12 8030.350-1M	SP-RS12	2240	25	89.6	50
QUBI 2 0AL20 SP-RS12 8030.600-1M		3700	40.2	92.0	35
QUBI 2 0AL20 SP-RS12 8030.350-1M HYB		1640	25	65.6	50
QUBI 2 0AL20 SP-RS12 8030.600-1M HYB		2700	40.2	67.1	35
QUBI 2 0AL20 SP-S15 8030.350-1M	SP-S15	2150	25	86.0	50
QUBI 2 0AL20 SP-S15 8030.600-1M		3560	40.2	88.5	35
QUBI 2 0AL20 SP-S15 8030.350-1M HYB		1530	25	61.2	50
QUBI 2 0AL20 SP-S15 8030.600-1M HYB		2530	40.2	62.9	35
QUBI 2 0AL20 SP-M30 8030.350-1M	SP-M30	2010	25	80.4	50
QUBI 2 0AL20 SP-M30 8030.600-1M		3320	40.2	82.5	35
QUBI 2 0AL20 SP-M30 8030.350-1M HYB		1230	25	49.2	50
QUBI 2 0AL20 SP-M30 8030.600-1M HYB		2030	40.2	50.4	35
QUBI 2 0AL20 SP-W50 8030.350-1M	SP-W50	1780	25	71.2	50
QUBI 2 0AL20 SP-W50 8030.600-1M		2940	40.2	73.1	35
QUBI 2 0AL20 SP-W50 8030.350-1M HYB		850	25	34.0	50
QUBI 2 0AL20 SP-W50 8030.600-1M HYB		1410	40.2	35.0	35
QUBI 2 0AL20 SP-WW75 8030.350-1M	SP-WW75	1690	25	67.6	50
QUBI 2 0AL20 SP-WW75 8030.600-1M		2800	40.2	69.6	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.