



QUBI ZERO

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
Protection degree	IP66/IP67 IK09
Dimensions	See the drawing
Weight	max 2.5kg excluding mounting accessories
Exposed surface	Side: 0.020m ² – Top: 0.023m 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

(pending)

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 ≤ 7.5W
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
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	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)

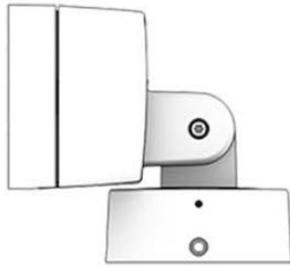
OPTICAL ACCESSORIES (OPTIONAL)		
FV: Full Visor screen.	HV: Half Visor screen.	HYB: Internal Honeycomb screen.
<i>Consult the list of versions to check the availability of accessories depending on the selected optics</i>		

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



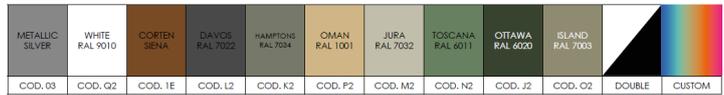
DIMENSIONAL DRAWING



Standard Colour



Optional Colours



QUBI ZERO 3000K

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	Ta MAX (°C)
QUBI ZERO 0AL4 AS5-15-15 8030.350-1M	AS5-15-15	450	5.9	76.2	50
QUBI ZERO 0AL4 AS5-15-15 8030.450-1M		570	7.3	78.0	50
QUBI ZERO 0AL4 AS5-15-15 8030.700-1M		860	10.8	79.6	35
QUBI ZERO 0AL4 AS5-15-15 8030.350-1M HYB		320	5.9	54.2	50
QUBI ZERO 0AL4 AS5-15-15 8030.450-1M HYB		400	7.3	54.7	50
QUBI ZERO 0AL4 AS5-15-15 8030.700-1M HYB		600	10.8	55.5	35
QUBI ZERO 0AL4 AS5-15-60 8030.350-1M	AS5-15-60	380	5.9	64.4	50
QUBI ZERO 0AL4 AS5-15-60 8030.450-1M		480	7.3	65.7	50
QUBI ZERO 0AL4 AS5-15-60 8030.700-1M		730	10.8	67.5	35
QUBI ZERO 0AL4 AS5-15-60 8030.350-1M HYB		220	5.9	37.2	50
QUBI ZERO 0AL4 AS5-15-60 8030.450-1M HYB		280	7.3	38.3	50
QUBI ZERO 0AL4 AS5-15-60 8030.700-1M HYB		420	10.8	38.8	35
QUBI ZERO 0AL4 EL-15-40 8030.350-1M	EL-15-40	430	5.9	72.8	50
QUBI ZERO 0AL4 EL-15-40 8030.450-1M		540	7.3	73.9	50
QUBI ZERO 0AL4 EL-15-40 8030.700-1M		810	10.8	75.0	35
QUBI ZERO 0AL4 EL-15-60 8030.350-1M	EL-15-60	430	5.9	72.8	50
QUBI ZERO 0AL4 EL-15-60 8030.450-1M		540	7.3	73.9	50
QUBI ZERO 0AL4 EL-15-60 8030.700-1M		810	10.8	75.0	35
QUBI ZERO 0AL4 EL-15-135 8030.350-1M	EL-15-135	340	5.9	57.6	50
QUBI ZERO 0AL4 EL-15-135 8030.450-1M		420	7.3	57.5	50
QUBI ZERO 0AL4 EL-15-135 8030.700-1M		640	10.8	59.2	35
QUBI ZERO 0AL4 EL-30-130 8030.350-1M	EL-30-130	300	5.9	50.8	50
QUBI ZERO 0AL4 EL-30-130 8030.450-1M		380	7.3	52.0	50
QUBI ZERO 0AL4 EL-30-130 8030.700-1M		580	10.8	53.7	35
QUBI ZERO 0AL4 SP-RS12 8030.350-1M	SP-RS12	440	5.9	74.5	50
QUBI ZERO 0AL4 SP-RS12 8030.450-1M		560	7.3	76.7	50
QUBI ZERO 0AL4 SP-RS12 8030.700-1M		850	10.8	78.7	35
QUBI ZERO 0AL4 SP-RS12 8030.350-1M HYB		320	5.9	54.2	50
QUBI ZERO 0AL4 SP-RS12 8030.450-1M HYB		410	7.3	56.1	50
QUBI ZERO 0AL4 SP-RS12 8030.700-1M HYB		620	10.8	57.4	35
QUBI ZERO 0AL4 SP-S15 8030.350-1M	SP-S15	430	5.9	72.8	50
QUBI ZERO 0AL4 SP-S15 8030.450-1M		540	7.3	73.9	50
QUBI ZERO 0AL4 SP-S15 8030.700-1M		810	10.8	75.0	35
QUBI ZERO 0AL4 SP-S15 8030.350-1M HYB		310	5.9	52.5	50
QUBI ZERO 0AL4 SP-S15 8030.450-1M HYB		380	7.3	52.0	50
QUBI ZERO 0AL4 SP-S15 8030.700-1M HYB		580	10.8	53.7	35
QUBI ZERO 0AL4 SP-M30 8030.350-1M	SP-M30	400	5.9	67.7	50
QUBI ZERO 0AL4 SP-M30 8030.450-1M		500	7.3	68.4	50
QUBI ZERO 0AL4 SP-M30 8030.700-1M		760	10.8	70.3	35
QUBI ZERO 0AL4 SP-M30 8030.350-1M HYB		240	5.9	40.6	50
QUBI ZERO 0AL4 SP-M30 8030.450-1M HYB		310	7.3	42.4	50
QUBI ZERO 0AL4 SP-M30 8030.700-1M HYB		460	10.8	42.5	35
QUBI ZERO 0AL4 SP-W50 8030.350-1M	SP-W50	350	5.9	59.3	50
QUBI ZERO 0AL4 SP-W50 8030.450-1M		450	7.3	61.6	50
QUBI ZERO 0AL4 SP-W50 8030.700-1M		670	10.8	62.0	35
QUBI ZERO 0AL4 SP-W50 8030.350-1M HYB		170	5.9	28.8	50
QUBI ZERO 0AL4 SP-W50 8030.450-1M HYB		220	7.3	30.1	50
QUBI ZERO 0AL4 SP-W50 8030.700-1M HYB		320	10.8	29.6	35
QUBI ZERO 0AL4 SP-WW75 8030.350-1M	SP-WW75	340	5.9	57.6	50
QUBI ZERO 0AL4 SP-WW75 8030.450-1M		420	7.3	57.5	50
QUBI ZERO 0AL4 SP-WW75 8030.700-1M		640	10.8	59.2	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.