Product data sheet

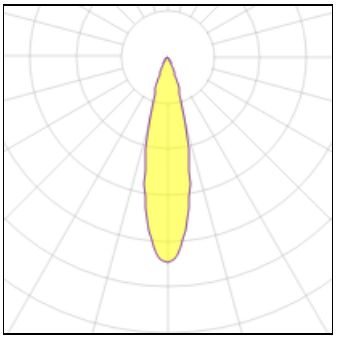
QUILATERO 4.4 M 24° [3000K CRI80 22W 110-230VAC]
QL4410000050MI
L&L LUCE&LIGHT



IP 66 IK 10

Recessed for outdoor applications; drive-over up to 3000 kg; recessed (wall, floor); Power consumption: 22W; Power supply: 110-230Vac; Lumen output at source: 2090 lm (3000K, CRI >90), 2469 lm (3000K, CRI 80); Delivered lumen output: 1541 lm (3000K, 17°, CRI >90), 1821 lm (3000K, 17°, CRI 80); 1 power LED High Intensity, 2-step MacAdam, 60 000h L80 B10 (Ta 25°C); LED colour: 2200K, 2700K, 3000K, 4000K; Optics: 17° tiltable +20°, 24° tiltable +20°, 32° tiltable +20°, 53° tiltable +20°, 17°x69° tiltable +20°, 30°x73° tiltable +20°: optical system consisting of a high-efficiency, deep-set TIR lens combined with a high-quality technical filter, sharp 53° tiltable +20°: SHARP optical system consisting of a deep-set plano-convex lens for an extremely well-defined light beam; CRI Colour Rendering Index: 80, >90; Body material: body made of heat-dissipating, carbon-fibre-reinforced semicrystalline technopolymer with a thermal conductivity equal to that of stainless steel and high resistance to impact and sub-zero temperatures, and to corrosion even in harsh environments (saline). Trim in AISI 316L stainless steel, laser cut, machined and finished (version with cor-ten trim), body made of heat-dissipating, carbon-fibre-reinforced semicrystalline technopolymer with a thermal conductivity equal to that of stainless steel and with high resistance to impact and sub-zero temperatures, and to corrosion even in harsh environments (saline). Trim in AISI 316L stainless steel, laser cut, machined and finished, then micro-peened, passivated and electropolished to guarantee excellent corrosion resistance (version with trim in stainless steel); Finishes: cor-ten finish obtained through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 2000 hours of salt spray. Paints compliant with the Qualicoat standard used in the automotive sector, stainless steel; RAL finish on request; Screen material: 12-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light, serigraphed grey (RAL 7015), and tempered for excellent impact and scratch resistance; Seals: the silicone rubber O-rings guarantee excellent, continued resistance to UV rays, resistance to water infiltration, and unchanging mechanical characteristics; Installation: product complete with IP68 connector and built-in IPS system. Compatible with H07RN-F cable with minimum cross-section 2x1 and cable Ø min. 7 mm max. 12 mm. Simplified connection for quick, effective installation. Easy installation on the relative outer casing using mounting clip built into the lighting fixture; built-in power supply unit; Control system: ON/OFF, PUSH, DALI; Ingress protection: IP68 72h, IP66, IP69K; Impact resistance: IK10; optics tiltable by up to 20° by means of a magnetic system with graduations and locking screw. Fast installation: direct connection between fixture and mains power supply; Casambi-compatible version, controllable with the Casambi app, available on request; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; Operating temperature: -20°C — +45°C; Maximum device temperature: 40°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class II; Weight: 2630 g; Dimensions: 210x210x177 mm; Energy efficiency class: A / A+ / A++ (integrated LED module) in accordance with UE 874/2012; Accessories: anti-glare screen, honeycomb louvre, WCA16 Outer casing; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Light output 1



1 x LED

Nominal lamp power	22 W	LOR	100%
Lamp flux	1663 lm	Total flux	1663 lm
Luminous efficacy	76 lm/W	Total power	22 W
CCT	3000 K		
CRI	80		

Mounting mode

Floor recessed

Shape and measurements

Length: 8.27 in
Width: 8.27 in
Height: 0.12 in

Adjustability

Tiltable

Design

Material impression: COR-TEN® steel
Color of housing: Silver gray

Electric

System power: 22 W
Appliance Class: II

Protection

IP: 66
IK: 10

Other operating numbers

Ambient temperature range: -4...113°F