Product data sheet

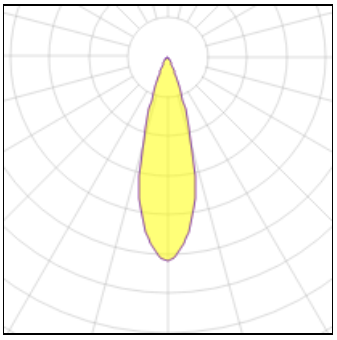
DUOMO 2.0 M 30° [3000K 19W 230VAC]
DU2010000050ME
L&L LUCE&LIGHT



IP 65 IK 06

Duomo 2.0 projector for outdoor applications; surface mounted (ceiling, wall, floor); Power consumption: 19W; Power supply: 230Vac; Lumen output at source: 1629 lm (3000K, CRI 90), 1760 lm (3000K, CRI 80); Delivered lumen output: 1322 lm (3000K, 30°, CRI 90), 1428 lm (3000K, 30°, CRI 80); 4 power LEDs High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K, 3000K, 4000K; Optics: 10°: optical system consisting of 4 high-efficiency TIR lenses, 14°, 63°: optical system consisting of 4 high-efficiency, deep-set TIR lenses combined with a high-quality technical filter, 30°, 35°, 43°: optical system consisting of 4 high-efficiency deep-set TIR lenses, 18°x44°, 44°x18°: optical system consisting of 4 high-efficiency, deep-set elliptical TIR lenses combined with a high-quality technical filter; CRI Colour Rendering Index: 80, >90; Body material: body and bracket made of low-copper-content Anticorodal® aluminium alloy EN AW 6060 T5 for excellent resistance to corrosion. Body and bracket made by an extrusion process and subsequently finished on a CNC lathe; Finishes: white 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 1000 hours of salt spray (RAL 9003), antique white finish (RAL 9001) 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 equal to more than 1000 hours of salt spray testing (RAL 9001), anthracite 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 1000 hours of salt spray; RAL finish on request; Screen material: 4-mm-thick transparent extra-clear glass with vitrified serigraphy, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches. Serigraphy in the same shade as the body of the fixture; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Installation: product complete with IP68 connector and built-in PID system. Compatible with cables with minimum cross-section 2x1 and cable Ø min. 7 mm max. 12 mm. Simplified connection for quick, effective installation. Duomo's adjustable bracket means the fixture can be cantilevered from cornices or other architectural elements. Body can be tilted along the vertical axis by ± 20°; built-in power supply unit; Control system: ON/OFF; Ingress protection: IP65; Impact resistance: IK06; Fast installation: direct connection between fixture and mains power supply; available on request with adapter for Eurostandard track and in DALI, 0/1-10V or PUSH version, or with Bluetooth control, Casambi-compatible version, controllable with the Casambi app, available on request; Protection systems: The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C — +45°C; Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class II; Weight: 1550 g; Dimensions: 156x166x50 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: honeycomb louvre, WFA00 2-pin male connector, WMA006 Adjustable bracket, WMA00E Adjustable bracket, WMA00H Adjustable bracket, WMA066 Fixing bracket, WMA06E Fixing bracket, WMA06H Fixing bracket; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Light output 1 (integrated)



Lamp type	LED	CCT	3000 K
Nominal lamp power	19 W	CRI	80
Total flux	1426 lm	LOR	100%
Luminous efficacy	75 lm/W	Total power	19 W

Mounting mode

Standing / Bollard, Floor mounted

Shape and measurements

Length: 6.19 in
Width: 10.24 in
Height: 2.82 in

Adjustability

Tiltable

Design

Color of housing: White

Electric

System power: 19 W
Appliance Class: II

Protection

IP: 65
IK: 06