

CHIVAL WALL UP/DOWN 292 2X

Description

Wall mounted angular shaped LED luminaire for up and downlight application. The luminaire's main part is an aluminum black electrocoated bracket that holds the two LED COB's. To provide optimum beamshape, the LED's are fitted with TIR lenses. The TIR lenses are held in place by black matt painted rings. The main bracket holds the sheetmetal aluminum cover and, in case of the driver included version, also the constant current LED driver. The luminaire is fitted to the wall by means of a galvanized steel bracket and a set screw. IP20 protection grade for indoor use. No visible screws or wires after installation.

Materials

- Aluminum LED bracket, black electrocoated
- Aluminum cover, finished with a scratch resistant powder coating in matt grey white, finished in brushed anodization in the colours bronze, champagne, black or silver bronze, or finished in high-gloss black chrome
- Optics: PMMA TIR lens
- LED holder: white PC
- LED finishing ring: aluminum, spraypainted in matt black
- Wall bracket: galvanized steelplate, thickness 1.5mm

Technical characteristics

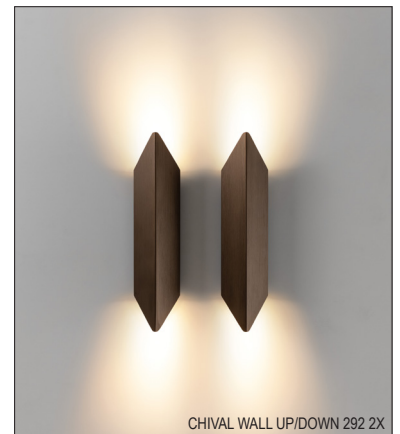
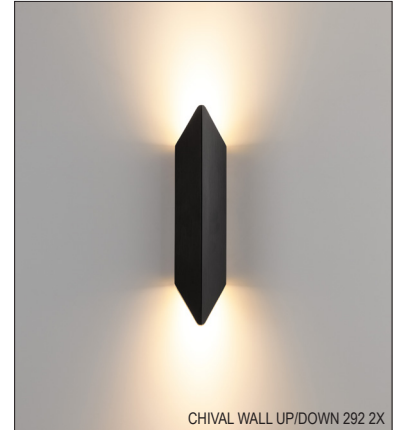
- Dimensions: width 71mm, depth 54mm, height 292mm
- Lens: TIR collimator, medium beam angle (24°)
- COB high-power LED
- Colour temperature: 2700 K, 3000 K or warmdim (1800 – 3000 K)
- CRI 90+
- Binning: 2SDCM for 2700K and 3000K, 3SDCM for warmdim
- Total luminaire output: 713lm (for 3000 K, grey white finish)
- Luminaire efficiency: 69%
- Power consumption: 11.6W (driver included), 61lm/W
- Built-in LED driver, mains (trailing-edge) dimmable, DALI or pushdim,
- Also available LED driver excluded, choose from driver matrix for suitable dimensions, wattage and type of dimming
- Warranty period: 5 years on LED, 2 years on drivers
- Power: 220-230 V, 50-60 Hz, or to be connected to a constant current LED driver
- Class 1 (driver included version), Class 3 (driver excluded version)
- Only for indoor use
- Glow wire rating 960°C
- Lifetime: L80B20 @50.000 hours

Installation

- Base mounted (galvanized steelplate) with two universal chipboard screws of max. \varnothing 4.5 mm (not included). Luminaire can easily be tilted on top of the wall bracket. The luminaire is tilted on the wall bracket and secured (anti-theft) by means of a hexagonal set screw (1.5mm hexagon screwdriver needed).
- Driver included version:
Electrical connection to the mains with three 3-pole splicing connectors (line, neutral and earthing). The splicing connectors are included in the product and are suitable for wiring sections 0.2 – 4 mm² (24 – 12 AWG).
- Driver excluded version:
Electrical connection to a constant current LED driver by means of two 3-pole splicing connectors, included in the product and suitable for wiring sections 0.2 – 4 mm² (24 – 12 AWG).

Accessories

None



Standards and directives:

- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECO design Directive
- 245/2009/EC + 347/2010/EU - ECO design Directive
- 1194/2012/EU - ECOdesign Regulation
- EN 60598-1:2008 +A11:2009 - Luminaires. General requirements and tests
- EN 62471:2008 - Photobiological safety of LED lamps and lamp systems
- EN 62493: 2010 - Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN 60598-2-1 - Fixed general purpose luminaires
- EN 55015:2006 +A1:2007 +A2:2009 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2:2006 +A1,A2:2009 - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3:2013 - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
- EN 61547:2009 - EMC Immunity Requirements
- EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances