COMO CORNER

MODULAR
LIGHTING —
INSTRUMENTS

Description

Slim customizable LED linear aluminium profile system for continuous direct and indirect lighting.
Place the profile system horizontally between the ceiling and the wall and it will offer the options of indirect light on the ceiling, a wall-wash effect or both. It can also be mounted horizontally at any level, to show up and/or down light. Also possible to position it vertically in the corner, where two walls meet, for a lighted corner space.
The profile system consists of an anodized aluminium base, to be combined with two types of click-on aluminium covers (a straight cover and a curved cover). The aluminium covers are standard powder coated in matt black or matt white. The covers can also be given a coat of wet paint in any color by the end-user after installation to let the profiles blend in with the interior.
Aluminium powder coated endplates available to cover up the profile ends. Also the endplates can be coated after installation.
The profile base is used to house the LED drivers and the flexible ledstrips. Also available with connected components for wireless control and dimming.
Maximum length of one single profile system is 4 meter. 180° connections to create longer, continuous lines available.
Only for indoor use, IP 20 protection class.
No visible screws after installation.

Materials

- Profile base: extruded aluminium, anodized in natural silver
- Front cover: extruded aluminium, finished with a scratch-resistant fine-textured powder coating in matt white or matt black

Technical characteristics

- Dimensions: 77mm x 77mm (h x w) installed
- Average base thickness: 1.5mm
- Available for use with flexible 24V ledstrip 1000lm/m
- Ledstrips cuttable every 50mm
- Colour temperatures: available in 2700K, 3000K and 4000K
- CRI90+
- 3SDCM
- Power consumption: 14.4W/m
- DALI, 1-10V and pushdim 24V electronic LED drivers available
- Suitable for connected/wireless operation and dimming
- Class 1
- Power: 220-230V, 50-60Hz
- 960°C glow wire rated
- Only for indoor use (IP20)
- Lifetime: L80B10 @50.000 hours
- Warranty period: 5 years on LED lamps, 2 years on drivers

Installation

Drivers and LEDstrips are not preinstalled in the unit. Driver units (with included 3 or 5 pole connector) can easily be screwed in the base at any place. Ledstrips can easily be sticked on the slanted walls at the inside of the base profile. Choose for uplight strip, downlight strip or both.
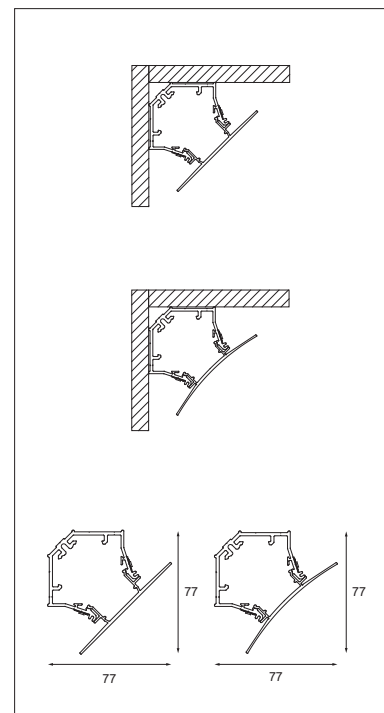Holes for wall/ceiling fixation are to be drilled onsite.
The endplates are screwed on the endplates.
The covers can easily be clicked on the base.

Accessories

None

Standards and directives:
- 2006/95/EC - Low Voltage Directive
- 2004/108/EC - EMC Directive
- 2011/65/EU - RoHS Directive
- 2009/125/EC - ECOdesign Directive
- 245/2009/EC + 347/2010/EU - ECOdesign 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