

## Description

Non-directional cylindrical luminaire with E27 lampholder(s) for use with LED retrofit PAR20 or PAR30 lamps. Suitable for wall application.

Available in 2 different designs: only downlight or combination up and down.

Available in 2 versions: small version for use with PAR20 lamp(s), large version for use with PAR30 lamp(s)

Only the small versions (PAR20) are available with included LED retrofit lamp(s).

The luminaires always consist (independent of the version or design) of 3 main mechanical components: the cylindrical body, a square wall connection box and a wall bracket.

Intended for indoor use, IP20.

## Materials

- Aluminium body, finished with scratch resistant fine-textured powder coating in matt white, or brushed aluminium finished with matt varnish
- Aluminium rectangular connection box finished with scratch resistant fine-textured powder coating in matt white or matt black
- Lampholder bracket and wall bracket: galvanized steelplate
- Ceramic E27 lampholder

## Technical characteristics

- Dimensions:
  - PAR20 version only downlight:  $\varnothing 70$ , 160mm (H)
  - PAR20 version up and downlight:  $\varnothing 70$ , 287mm (H)
  - PAR30 version only downlight:  $\varnothing 102$ , 160mm (H)
  - PAR30 version up and downlight:  $\varnothing 100$ , 275mm (H)
- For use with LED retrofit PAR20 (max. 50W) or PAR30 (max. 75W) lamps
- PAR20 version with included retrofit LED lamp:
  - 2700K
  - CRI 80+
  - 3 SDCM
- Luminaire output: 430lm (for downlight only)
- Luminaire efficiency: 100%
- Power consumption: 6.5W total power
- Suitable for leading edge dimmer
- Warranty period: 5 years on LED lamps, L80B20 @ 50.000 hours
- Lifetime L80B20 @50.000 hours
- Class 1
- Use: indoor, IP20

## Installation

- Mounted on a wall bracket by tilting the luminaire on the bracket. The luminaire is fixed on the bracket with a M4 allen screw (hexagonal key included).
- The wall bracket is mounted on the wall with 2 universal chipboard screws of max.  $\varnothing 5$  mm (not included). Rectangular hole for connection to the mains centrally in the backplate (25mm x 17mm).
- Connection to the mains by a 3-pole connector, suitable for stranded and solid wires up to 6mm<sup>2</sup>.

## 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  $\leq 16$  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  $\leq 16$  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

