

Description

Round recessed aluminium LED spot that can be installed, by means of small springs, in a trimless or flanged installation ring (accessories).

The luminaire is fitted with a safety front glass as standard and is finished with a fine textured powder coating in matt white or matt black. Two models are available: or the LED light is inserted perpendicular into the lamp unit, resulting in a vertical light pattern or the LED source is inserted at a 30° angle, resulting in an asymmetric light projection. The asymmetric version is also available in a spread light version. The integrated spread lens creates a perfect wall wash effect with uniform dispersion of light over the wall.

Suitable for installation in damp indoor areas, protection class IP54 from the front by means of watertight O-ring.

Materials

- Shell: aluminium with scratch resistant fine textured powder coating in black or white
- Heatsink: black anodized aluminium
- Mounting ring: aluminium with galvanised mounting brackets
- Reflector: high-gloss aluminium
- Lens: transparent glass
- Spread lens: polycarbonate
- Springs: POM
- Recessed ring: aluminium finished in grey spraypaint
- Recessed ring clamps: galvanized steelplate
- O-ring: NBR

Technical characteristics

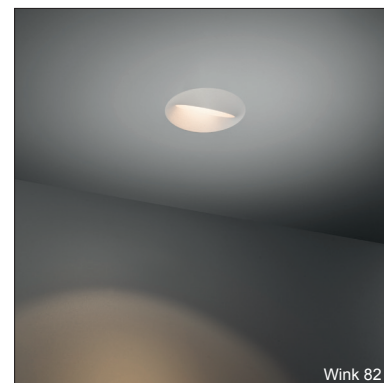
- Dimensions: 82mm (ø) x 84 mm (H)
- Reflectors: spot (15°), medium (25°), flood (40°)
- COB high-power LED
- Colour temperature: 2700K or 3000K (3500K and 4000K available on request)
- CRI 90+
- 3SDCM
- Luminaire output: symmetrical version: max. 672lm (for 3000K, medium, white structure, GE)
Luminaire efficiency: 87%
- Power consumption: 9.2W per LED unit (at 500 mA)
- UGR: 21.5 (for 3000K, medium, white structure, GE)
- For connection to an electronic constant current LED driver: choose from driver matrix
- Warranty period: 5 years on LED lamps, 2 years on drivers
- Class 3
- Indoor use (IP54)

Installation

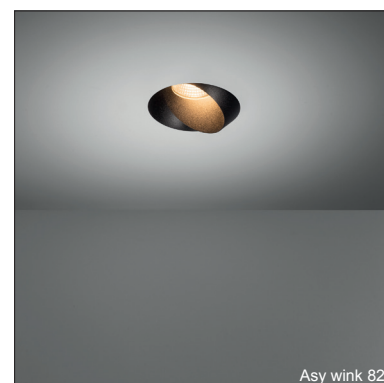
- Recessed mounting in ceiling or wall only by means of installation ring (accessories). The installation rings are available in trimless as well as flanged version.
Trimless installation: recess hole ø123mm, H: 123mm, installation by means of adjustable clamping plates in galvanized steel. Suitable for ceiling thicknesses from 1mm up to 123mm
Flanged installation: recess hole ø123mm, H: 123mm, installation by means of stainless steel leaf springs. Suitable for ceiling thicknesses from 1mm up to 123mm
Unit must not be covered with insulation.
- Electrical connection: connection to LED driver via two splicing connectors (included with product)
- Lamp unit can be rotated 360° in the recessed ring

Accessories

- Aluminium recessed trimless ring for trimless installation in plasterboard and wood
- Aluminium recessed flanged ring for trimless installation in plasterboard and wood



Wink 82



Asy wink 82



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 60598-2-2:2012 - Recessed 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