

# Halo Eye

## IP65 14W 830/840 DA2 PCO ANT Eye

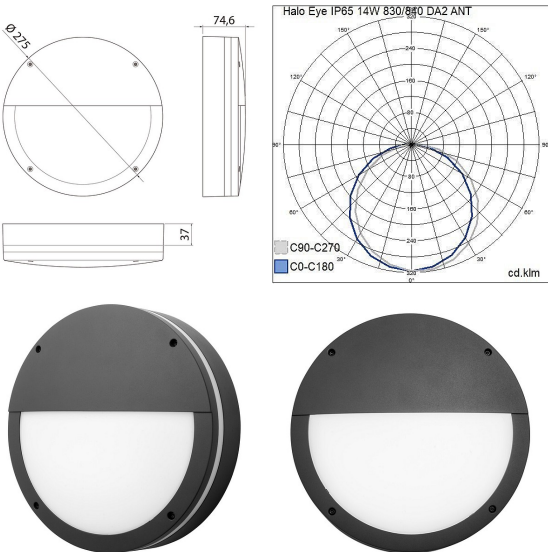
Outdoors wall/ceiling luminair

The Halo Eye is an elegant and versatile façade luminaire with an adjustable colour temperature. Made of high-quality, UV-protected materials, the luminaire is designed for applications where high impact resistance is required. Die-cast aluminium housing and polycarbonate diffuser. The luminaire's applications include the outdoor spaces and façades of residential properties. In addition to the colour temperature, the lumen output can be selected; four options are available. Both settings are selected in conjunction with installation. The luminaire is easy to install and offers a polished appearance, thanks to its inconspicuous screw fixtures. As an eye-catching design feature, the luminaire has a ring that provides illumination to the sides and creates an interesting lighting effect on the wall surface, giving your outdoor lighting solution a new and modern look. The Halo Eye's diffuser is equipped with a lid that directs its light downwards.

Halo Eye Outdoors wall/ceiling luminair 7W/8W/12W/14W; 350lm/450lm/650lm/750lm; 3000K/4000K; Dim DALI-2; Dim programmable; Dim with push-button; IP65; IK10; Protection cl. I; L70B50 75000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Suitable for through wiring; 5x2.5mm²; Housing al; Colour ant; Cover Plastic, opal; C16 max. 80

Stocked: No

| IP65 14W 830/840 DA2 PCO ANT Eye |           |      |                |
|----------------------------------|-----------|------|----------------|
| PRODUCT CODE                     | CODE      | KG   | PRODUCT FAMILY |
|                                  | A5HAAB-DA | 1.48 | Halo Eye       |



## IP65 14W 830/840 DA2 PCO ANT Eye

EC002892 Ceiling / wall luminaire

| Mounting                                                                         |                             | Structure                                                                    |                                         |
|----------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------|-----------------------------------------|
| Suitable for wall mounting                                                       | Yes                         | With mounting material                                                       | Yes                                     |
| Suitable for suspended mounting                                                  | No                          | Lamp type                                                                    | LED not exchangeable                    |
| Suitable for ceiling mounting                                                    | Yes                         | Light source included                                                        | Yes                                     |
| Suitable for recessed mounting                                                   | No                          | Suitable for number of lamps                                                 | 1                                       |
| Suitable for surface mounting                                                    | Yes                         | Lamp holder                                                                  | Other                                   |
| Suitable for light line configuration                                            | No                          | Housing material                                                             | Aluminium                               |
| Suitable for clamp-mounting                                                      | Yes                         | Housing surface protection                                                   | Powder coating                          |
| Fit for workplace acc. EN 12464-1                                                | No                          | Housing colour                                                               | Anthracite                              |
| Degree of protection (IP)                                                        | IP65                        | Cover material                                                               | Plastic, opal                           |
| Degree of protection (IP), rear side                                             | IP65                        | Type of grid                                                                 | Matt                                    |
| Degree of protection (IP), front side                                            | IP65                        | Control gear included                                                        | Yes                                     |
| Max. number of luminaires per miniature circuit breaker C10 (MCB)                | 46                          | Exchangeable control gear                                                    | Yes                                     |
| Max. number of luminaires per miniature circuit breaker B16                      | 45                          | Energy efficiency class of light source according to EU regulation 2019/2015 | C                                       |
| Max. number of luminaires per miniature circuit breaker C16                      | 80                          | Containing product according to 2019/2020/EU                                 | Yes                                     |
| Impact strength                                                                  | IK10                        | Emergency power supply system                                                | None                                    |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | Yes                         | Emergency power supply integrated                                            | No                                      |
| Suitable for emergency lighting                                                  | No                          | With switch                                                                  | No                                      |
| Emergency function monitoring system                                             | None                        | With air slots                                                               | No                                      |
| Type of wiring                                                                   | Suitable for through wiring | Filament test according to IEC 60695-2-11                                    | 850 °C - 30 s                           |
| Number of poles                                                                  | 5                           | Electrotechnical data                                                        |                                         |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5 mm <sup>2</sup>         | Voltage type                                                                 | AC                                      |
| Connection type                                                                  | Screwless terminal          | Nominal voltage (min) (V)                                                    | 220 V                                   |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5 mm <sup>2</sup>         | Nominal voltage (max) (V)                                                    | 240 V                                   |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5 mm <sup>2</sup>         | Nominal current (min) (mA)                                                   | 150 mA                                  |
|                                                                                  |                             | Nominal current (max) (mA)                                                   | 550 mA                                  |
|                                                                                  |                             | Type of control gear                                                         | LED operating device current-controlled |
|                                                                                  |                             | Protection class according to IEC 61140                                      | I                                       |
|                                                                                  |                             | Suitable for lamp power (min) (W)                                            | 7 W                                     |
|                                                                                  |                             | Suitable for lamp power (max) (W)                                            | 14 W                                    |
|                                                                                  |                             | Luminaire efficacy (min) (lm/W)                                              | 54 lm/W                                 |
|                                                                                  |                             | Luminaire efficacy (max) (lm/W)                                              | 54 lm/W                                 |
|                                                                                  |                             | Maximum system power (W)                                                     | 14 W                                    |
|                                                                                  |                             | Luminaire efficacy (lm/W)                                                    | 54 lm/W                                 |
|                                                                                  |                             | Power factor                                                                 | 0.9                                     |
|                                                                                  |                             | Total harmonic distortion (THD) (%)                                          | 20 %                                    |
|                                                                                  |                             | Total harmonic distortion                                                    | 20 THD                                  |

| Dimming and control                       |     |
|-------------------------------------------|-----|
| Dimmable                                  | Yes |
| Dimming 0-10 V                            | No  |
| Dimming 1-10 V                            | No  |
| Dimming DALI                              | Yes |
| Dimming DALI-2                            | Yes |
| Dimming DMX                               | No  |
| Dimming DSI                               | No  |
| Dimming LineSwitch                        | No  |
| Dimming manufacturer's proprietary system | No  |
| Dimming mains voltage modulation          | No  |
| Dimming trailing edge                     | No  |
| Dimming leading edge                      | No  |
| Dimming programmable                      | Yes |
| Dimming potentiometer (integrated)        | No  |
| Dimming RF                                | No  |
| Dimming Sine Wave Reduction               | No  |
| Dimming Touch and Dim                     | No  |
| Dimming Zigbee                            | No  |
| Dimming with push-button                  | Yes |
| No dimming function                       | No  |
| With presence indicator                   | No  |
| With movement sensor                      | No  |
| With light sensor                         | No  |
| Constant luminous flux control            | No  |
| Bluetooth operated                        | No  |
| Compatible with Casambi                   | No  |
| Compatible with Apple HomeKit             | No  |
| Compatible with Google Assistant          | No  |
| Compatible with Amazon Alexa              | No  |
| IFTTT support available                   | No  |

| Photometric data                                          |                           |
|-----------------------------------------------------------|---------------------------|
| Light distributor                                         | Diffuser lens/optic/panel |
| Light sharing                                             | Symmetric                 |
| Beam angle                                                | Open beam                 |
| Colour consistency (McAdam ellipse)                       | SDCM3                     |
| Light outlet                                              | Direct/indirect           |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 750 lm                    |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 750 lm                    |
| Colour of light (alphanumeric)                            | White                     |
| Effective luminous flux (lm)                              | 750 lm                    |
| Colour temperature (min) (K)                              | 3000 K                    |
| Colour temperature (max) (K)                              | 4000 K                    |
| Flickering value Pst LM                                   | 1                         |
| Colour rendering index (CRI/Ra)                           | 80-89                     |
| Stroboscope effect value SVM                              | 0.4                       |
| Photobiological safety according to EN 62471              | RG0                       |
| Colour temperature switchable                             | Discrete positions        |
| Lumen setting adjustable                                  | No                        |
| Beam angle adjustable                                     | No                        |

| Lifetime and capacity                                                           |         |
|---------------------------------------------------------------------------------|---------|
| Rated life time L70/B50 at 25 °C (h)                                            | 75000 h |
| Rated life time L80/B50 at 25 °C                                                | 50000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 85 %    |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 80 %    |
| Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 70 %    |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)      | 5 %     |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5 %     |
| Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)      | 10 %    |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | -30 °C  |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25 °C   |

| Measurements        |        |
|---------------------|--------|
| Width (mm)          | 275 mm |
| Height/depth (mm)   | 75 mm  |
| Length (mm)         | 275 mm |
| Outer diameter (mm) | 275 mm |