

# OCULUS LED S ECO BLACK RAL9005 245X143MM 24700LM 740 I CL, IP65 120D (150W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 744709 |
| <b>Ingress protection:</b>                | IP65   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 150    |
| <b>Luminous flux [lm]*:</b>               | 24700  |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Colour rendering index:</b>            | >70    |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | B      |

## CHARACTERISTICS

The Oculus LED S ECO is a HIGH-BAY luminaire made using LED technology. After the Oculus LED XS ECO, it is the smallest representative of the renowned OCULUS LED series, with dimensions optimised for maximum power obtained from a body made of die-cast aluminium, powder-coated in black or grey. The passive cooling system and the isolated power supply (black) have a positive effect on the thermal management of the lamp, its service life and the maintenance of the highest performance. LED modules with high luminous efficacy (up to 160 lm/W) ensure that the required lighting levels are achieved while saving energy and reducing purchasing costs. The diffuser is made of tempered glass, which does not alter the optics of the light source - providing a general distribution of 120 degrees. The lamp is terminated with electrical cables (which require an airtight connector if the connection is to be IP65 tight). The design of the lamp is suitable for pendant mounting using the threaded, eyebolt hook supplied. The lamp should be suspended using a cord or chain dedicated to such solutions (not supplied).

## APPLICATION

The luminaire is designed for suspended mounting (using chains, cables, etc.) indoors, even in high humidity (IP65). It is ideal for factories and production halls as well as large warehouses and logistics centres.

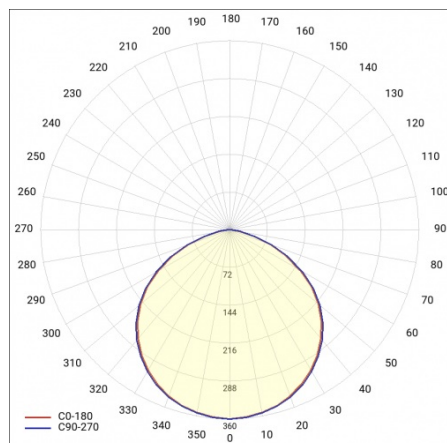
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                              |
|-----------------------------------|---------------|------------------------------|------------------------------|
| Rated power of the luminaire [W]: | 150           | Material of the body:        | aluminium                    |
| Index:                            | 744709        | Working temperature [°C]:    | from -25 to +35              |
| Colour temperature [K]:           | 4000          | Dimensions (H/W/T/S) [mm]:   | 143/245/245                  |
| EAN:                              | 5905963744709 | Impact resistance:           | IK08                         |
| Luminous flux [lm]:               | 24700         | Ingress protection:          | IP65                         |
| Light source:                     | LED           | LED lifespan L70B50 [h]:     | 150000                       |
| Colour rendering index:           | >70           | LED lifespan L80B20 [h]:     | 94000                        |
| Supply voltage [V]:               | 220-240       | LED lifespan L90B10 [h]:     | 43000                        |
| Frequency [Hz]:                   | 50-60         | Number on the palette [pcs]: | 84                           |
| Luminous efficacy [lm/W]:         | 165           | Net weight [kg]:             | 2.400                        |
| Energy efficiency class:          | B             | Light distribution type:     | symmetric                    |
| Electrical protection class:      | I             | Remarks:                     | RAL9005                      |
| SDCM:                             | ≤ 3           | Warranty [years]:            | 5                            |
| Beam angle [°]:                   | 120           | CE certificate:              | <a href="#">82/2024</a>      |
| Surge protection [kV]:            | 1             | Manual:                      | <a href="#">Download PDF</a> |
| Diffuser material:                | glass         | Plik LDT:                    | <a href="#">Download</a>     |
| Colour of the body:               | black         |                              |                              |

## LIGHT CURVES



Card creation date: 19 September 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 82/2024



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