

# OCULUS LED XS ECO BLACK RAL9005 215X143MM 16000LM 740 I CL. IP65 120D (100W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 744662 |
| <b>Ingress protection:</b>                | IP65   |
| <b>Impact resistance:</b>                 | IK08   |
| <b>Rated power of the luminaire [W]*:</b> | 100    |
| <b>Luminous flux [lm]*:</b>               | 16000  |
| <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

Oculus LED XS ECO is a HIGH-BAY luminaire made using LED technology. It is the smallest representative of the renowned OCULUS LED series, with dimensions optimised for maximum output 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 a high luminous efficacy (up to 165 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 - ensuring 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 use in factories and production halls as well as large-scale warehouses and logistics centres.

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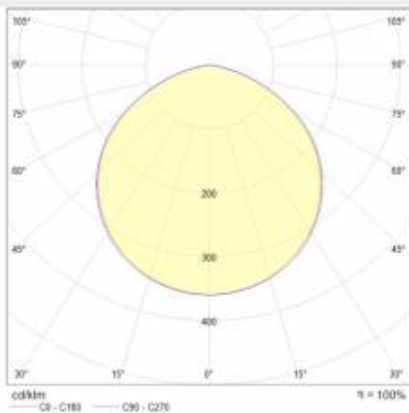
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DETAILED CARD

### TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                              |
|-----------------------------------|---------------|------------------------------|------------------------------|
| Rated power of the luminaire [W]: | 100           | Colour of the body:          | black                        |
| Index:                            | 744662        | Material of the body:        | aluminium                    |
| Colour temperature [K]:           | 4000          | Working temperature [°C]:    | from -25 to +35              |
| EAN:                              | 5905963744662 | Dimensions (H/W/T/S) [mm]:   | 143/215/215                  |
| Luminous flux [lm]:               | 16000         | Impact resistance:           | IK08                         |
| Light source:                     | LED           | Ingress protection:          | IP65                         |
| Supply voltage [V]:               | 220-240       | LED lifespan L70B50 [h]:     | 154500                       |
| Energy efficiency class:          | B             | LED lifespan L80B20 [h]:     | 96000                        |
| Frequency [Hz]:                   | 50-60         | LED lifespan L90B10 [h]:     | 45000                        |
| Luminous efficacy [lm/W]:         | 160           | Number on the palette [pcs]: | 90                           |
| Electrical protection class:      | I             | Net weight [kg]:             | 1.700                        |
| Colour rendering index:           | >70           | Light distribution type:     | symmetric                    |
| SDCM:                             | ≤ 3           | Remarks:                     | RAL9005                      |
| Beam angle [°]:                   | 120           | Warranty [years]:            | 5                            |
| Surge protection [kV]:            | 1             | CE certificate:              | <a href="#">83/2024</a>      |
| Diffuser material:                | glass         | Manual:                      | <a href="#">Download PDF</a> |

### LIGHT CURVES



Card creation date: 11 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: 83/2024



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