# TECHNICAL DATA

## 9624001NW

## MAX UFO LED HIGH BAY LIGHT 240W 4000K 90º

MAX UFO LED industrial high bay light, 240W power and 35520lm luminous flux. Equipped with 294 pcs Lumileds LED chips and Mean Well driver HBG-240DA, with 6kV surge protection. Symmetrical 90º beam angle and 4000K colour temperature. Protection rating IP65 and mechanical impact resistance rating IK08. Black aluminium body and transparent polycarbonate diffuser.

### PRODUCT SPECIFICATIONS

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|---|---|
| Item code: | 9624001NW |
| Description: | LED industrial high bay light |
| EAN13 code: | 8436568444260 |

### ELECTRICAL DATA

| | |
|---|---|
| Power: | 240w |
| Voltage: | 90-305vac |
| Frequency: | 50-60Hz |
| Power factor: | 0,9 |
| Dimmable: | NOT |
| Driver Protection: | OVP, SCP, OPP, OTP |
| Overvoltage protection: | 6kv |
| Electrical insulation class: | CLASS I |
| Connection: | L/N+TT |

### LUMINOUS DATA

| | |
|---|---|
| Color temperature: | 4000K |
| Luminous efficiency: | 148lm/w |
| Lumens: | 35520lm |
| LED chip brand: | Lumileds |
| LED chip model: | Luxeon 3030 2d |
| Number of LED chips: | 294pcs |
| Beam angle: | 90º |
| Luminous distribution: | Symmetrical |
| Color rendering index: | >80 |
| Color rendering index, minimum: | 80 |
| Color rendering index, maximum: | 85 |
| Standard desviation of colour matching: | <6 |

| | |
|---|---|
| Luminous flux maintenance: | **L90D10** |
| Flicker index: | **≤1,0** |
| SVM (Stroboscopic Visibility Measure): | **≤0,4** |
| Flicker free: | **YES** |

## TECHNICAL DATA

| | |
|---|---|
| Protection rating: | **IP65 (Dust-tight and protected against water jets)** |
| Impact rating: | **IK08 (5J)** |
| Operating temperature: | **-20°~50°** |
| Mounting type: | **Surface** |

## AVERAGE LIFESPAN

| | |
|---|---|
| Working hours: | **55000 hrs** |
| Switching cycles: | **40000 ON/OFF** |

## PHYSICAL DATA

### Housing

| | |
|---|---|
| Material: | **Aluminum** |
| Finish: | **Black** |

### Diffuser

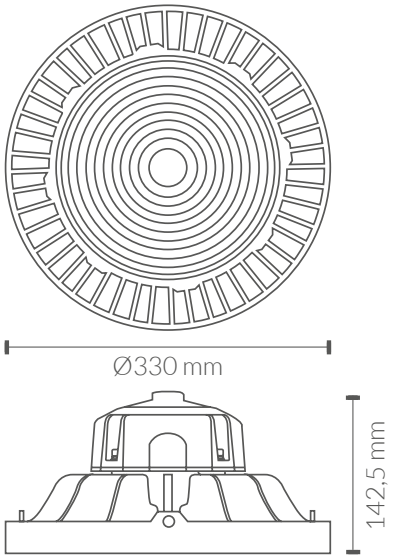
| | |
|---|---|
| Material: | **Polycarbonate** |
| Finish: | **Transparent** |

### Weight

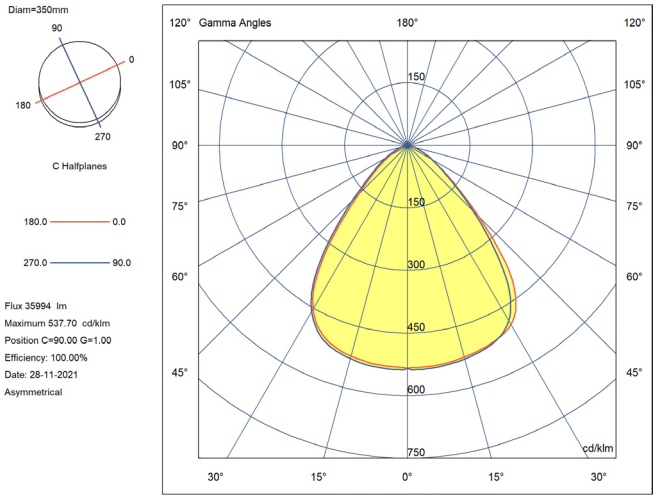
| | |
|---|---|
| Weight: | **5,00 kg** |

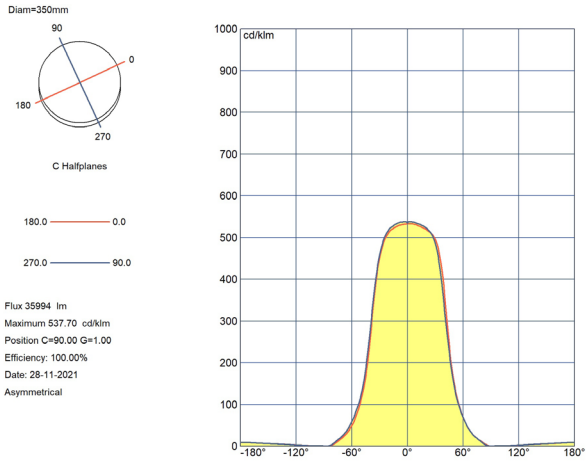
## ENERGY EFFICIENCY 2023(UE-2019/2015) F

## DIMENSIONS



## LUMINOUS INTENSITY DISTRIBUTION CURVE




## CERTIFICATIONS

**CE & ROHS**

**EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT**

| | |
|---|---|
| **EN IEC 55015** | Limits and methods of measurement of radio-frequency disturbance characteristics of lighting equipment and similar apparatus. |
| **EN 61547** | Lighting equipment for general use. EMC immunity requirements. |
| **EN IEC 61000-3-2** | Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with input current ≤ 16 A per phase). |
| **EN 61000-3-3** | Electromagnetic compatibility (EMC). Part 3-3: Limits. 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. |

**LVD directive 2014/35/EU LOW VOLTAGE**

| | |
|---|---|
| **EN 60598-1** | Luminaires - Part 1: General requirements and tests. |
| **EN 60598-2-1** | Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires. |

**RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863**
Determination of Certain Substances in Electrotechnical Products.

**IEC 62321-4** **IEC 62321-5**

**IIEC 62321-7** **IEC 62321-6**

**IEC 62321-8**

CE RoHS