

**BOREAS MM LED1X12100 D352 T740 LS12 • 1020988**

|                |                                     |
|----------------|-------------------------------------|
| Product:       | Boreas MM LED1x12100 D352 T740 LS12 |
| Order code:    | 1020988                             |
| Family:        | Boreas M LED                        |
| Product group: | Floodlights                         |

**GENERAL DATA**

|                      |  |
|----------------------|--|
| <b>Description:</b>  | Surface mounted LED floodlight<br>Light distribution type: direct<br>Optical system: lenses, tempered glass diffuser, impact resistant<br>Housing: aluminium<br>Colour: dark grey (RAL 7043) |
| <b>Installation:</b> | On horizontal or vertical surface. Push-in terminal, 3x2x2.5mm2  |
| <b>Environment</b>   | Outdoor  |
| <b>Application</b>   | park, public space, industry, parking area, sports, facade illumination, street  |

**ELECTRICAL DATA**

|                       |                              |                          |            |
|-----------------------|------------------------------|--------------------------|------------|
| <b>Mains voltage:</b> | 220-240V, 50/60Hz            | <b>System power*, W:</b> | 105.8      |
| <b>Power factor:</b>  | >0,95                        | <b>Control gear:</b>     | ECG on/off |
| <b>Connection:</b>    | Push-in terminal, 3x2x2.5mm2 |                          |            |

**LIGHTING DATA**

|  |               |                               |  |
|--|---------------|-------------------------------|--|
| <b>Light source and cap, W:</b>            | LED           | <b>Light source included:</b> | yes                                      |
| <b>Luminaire output*,<br/>lm(ta+25°C):</b> | 12072         | <b>System efficacy, lm/W:</b> | 114                                      |
| <b>CRI (Ra):</b>                           | 70+           | <b>CCT, K:</b>                | 4000                                     |
| <b>SDCM:</b>                               | 3             | <b>Light Distribution:</b>    | Symmetrical ultra narrow beam<br>(≤ 15°) |
| <b>Distribution Type:</b>                  | Direct        | <b>Beam angle, °:</b>         | 12                                       |
| <b>LED lifetime, h:</b>                    | 100000/L90B10 |                               |  |

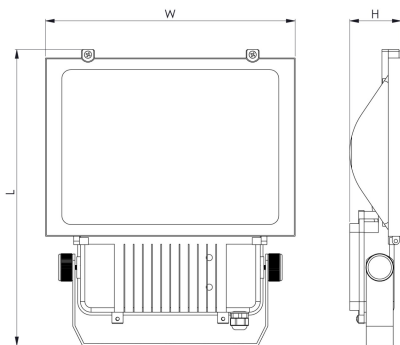
**TECHNICAL DATA**

|                                  |            |                                  |    |
|----------------------------------|------------|----------------------------------|----|
| <b>Net weight, kg:</b>           | 5          | <b>Quantity in package, pcs:</b> | 1  |
| <b>Packaging volume, m3/pcs:</b> | 0.0128     | <b>Pallet quantity, pcs:</b>     | 70 |
| <b>Dimensions, mm:</b>           | 444x353x66 |                                  |    |

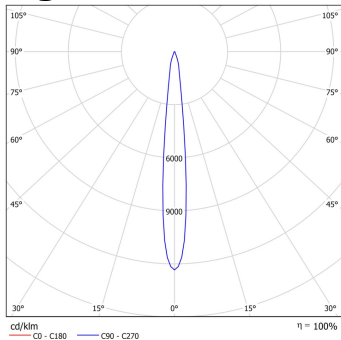
**STANDARDS**

|   |             |  |          |
|---|-------------|--|----------|
| <b>Operating temperature<br/>range, °C:</b> | -30...+40 C | <b>Protection class IEC:</b>             | I        |
| <b>Ingress protection code:</b>             | IP65        | <b>Mechanical impact<br/>resistance:</b> | IK08     |
| <b>EEC:</b>                                 | E           | <b>Certificates:</b>                     | CE, RoHS |
| <b>Warranty:</b>                            | 3 years     |  |          |

Technical drawing (.jpg)



## Light distribution curve (.jpg)



### Note:

Tolerance range for optical and electrical data:  $\pm 10\%$ . Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Date of issue: 2024-04-19 ■ NORTHCLIFFE LIGHTING, UAB ■ Raudondvario pl. 101, LT-47184 Kaunas, Lithuania ■ [info@northcliffe.org](mailto:info@northcliffe.org) ■ [www.northcliffe.org](http://www.northcliffe.org)