

**Product:** ANGLE 2500 20° EDD 33 830

**Index:** 19.4130.1113.33



## Description

Adjustable round downlight designed for ceiling recessed installation. Luminaire body built in die-cast aluminium finished in grey or white. Product built-in an high bright specular reflector without irisation made of high purity aluminium with an angle beam of 20°, 40° or 60°. It is resistant to solids, dust, and liquids penetration – IP20/44. Luminaire sets a ball joint system which allows rotation 355° and tilting 70°. Product is optimised to be used as general and accent lighting for commercial areas shop-windows and different indoor spaces.

## Product information

|          |                                  |
|----------|----------------------------------|
| Category | <b>Recessed luminaires</b>       |
| Family   | <b>ANGLE</b>                     |
| Name     | <b>ANGLE 2500 20° EDD 33 830</b> |
| Index    | <b>19.4130.1113.33</b>           |



## Light and electrical data

|   |   |
|---|---|
| Light source                              | <b>LED</b>                                    |
| Luminous flux LED [lm]                    | <b>3018,8</b>                                 |
| LED power [W]                             | <b>16,2</b>                                   |
| Luminaire luminous flux [lm]              | <b>2519,6</b>                                 |
| Power of luminaire [W]                    | <b>18,4</b>                                   |
| Luminaire's light efficiency [lm/W]       | <b>136,9</b>                                  |
| Color of the light [K]                    | <b>3000</b>                                   |
| CRI                                       | <b>&gt;80</b>                                 |
| SDCM (LED sources)                        | <b>3</b>                                      |
| Beam angle [°]                            | <b>(C0-C180) / (C90-C270) - 22,4° / 22,4°</b> |
| Photobiological risk class (IEC/EN 62471) | <b>RG0</b>                                    |
| Protection against electric shock         | <b>II</b>                                     |
| Protection degree                         | <b>IP20/44</b>                                |
| Voltage                                   | <b>220..240 V, 50..60 Hz</b>                  |
| Lifetime of LED sources [h]               | <b>89000 (1) / 100000 (2)</b>                 |
| Lx/By                                     | <b>L90/B10 (1) / L80/B10 (2)</b>              |
| Operating temperature range [°C]          | <b>5 ÷ 35</b>                                 |
| Driver                                    | <b>DIM DALI (EDD)</b>                         |
| Power factor cos φ                        | <b>&gt;0,95</b>                               |
| Circuit load capacity                     | <b>50 (B10), 80 (B16), 61 (C10), 98 (C16)</b> |

**Mechanical data**



|                    |                              |
|--------------------|------------------------------|
| Assembly           | mounted in suspended ceiling |
| Material           | aluminum                     |
| Color              | RAL 9010 (white)             |
| Diffuser           | hardened transparent glass   |
| Impact resistant   | IK04                         |
| Dimensions [mm]    | Ø151 x 125                   |
| Mounting hole [mm] | Ø143                         |

**A graph of light**

