

**Product:** ANGLE 2500 60° E 33 840

**Index:** 19.4130.1321.33



## 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 | Recessed luminaires     |
| Family   | ANGLE                   |
| Name     | ANGLE 2500 60° E 33 840 |
| Index    | 19.4130.1321.33         |
| EAN      | 5902107308117           |



## Light and electrical data

|   |  |
|---|--|
| Light source                              | LED                                    |
| Luminous flux LED [lm]                    | 3108                                   |
| LED power [W]                             | 16,2                                   |
| Luminaire luminous flux [lm]              | 2468,9                                 |
| Power of luminaire [W]                    | 18,4                                   |
| Luminaire's light efficiency [lm/W]       | 134,2                                  |
| Color of the light [K]                    | 4000                                   |
| CRI                                       | >80                                    |
| SDCM (LED sources)                        | 3                                      |
| Beam angle [°]                            | (C0-C180) / (C90-C270) - 53,2° / 53,2° |
| Photobiological risk class (IEC/EN 62471) | RG0                                    |
| Protection against electric shock         | II                                     |
| Protection degree                         | IP20/44                                |
| Voltage                                   | 220..240 V, 50..60 Hz                  |
| Lifetime of LED sources [h]               | 89000 (1) / 100000 (2)                 |
| Lx/By                                     | L90/B10 (1) / L80/B10 (2)              |
| Operating temperature range [°C]          | 5 ÷ 35                                 |
| Driver                                    | standard on/off (E)                    |
| Power factor cos φ                        | >0,95                                  |
| Circuit load capacity                     | 29 (B10), 47 (B16), 49 (C10), 79 (C16) |

**Mechanical data**



|                    |                              |
|--------------------|------------------------------|
| Assembly           | mounted in suspended ceiling |
| Material           | aluminum                     |
| Color              | RAL 9010 (white)             |
| Diffuser           | hardened transparent glass   |
| Impact resistant   | IK04                         |
| Weight [kg]        | 1,15                         |
| Dimensions [mm]    | Ø151 x 125                   |
| Mounting hole [mm] | Ø143                         |

**A graph of light**

