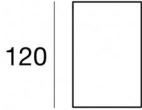


Ceiling Downlights | 176-264 V  
1 arrayLED 7.3 W DC - 9 W AC | CRI 90  
**76087N10**



EAC CE     IK05 IP65 0.6 IP40  



| Technical data                                 |                           |
|------------------------------------------------|---------------------------|
| Type                                           | Surface                   |
| Installation position                          | Ceiling                   |
| Installation environment                       | Indoor                    |
| Light Source                                   | LED                       |
| Circuit structure                              | arrayLED                  |
| Optics                                         | Spot                      |
| Light emission direction                       | downward                  |
| Nominal power                                  | 7.3 W DC                  |
| Total Power                                    | 9 W                       |
| Source lumens                                  | 1191 lm                   |
| Nominal input voltage                          | 220 - 240 V AC            |
| Input voltage range                            | 176 - 264 V AC            |
| Frequency                                      | 50 - 60 Hz                |
| CCT / Tone                                     | 4000 K                    |
| Colour rendering index                         | 90 Ra                     |
| C.C. / C.V.                                    | AC                        |
| Safety class                                   | 2                         |
| IP                                             | IP40                      |
| Optical compartment IP                         | IP65                      |
| IK                                             | IK05                      |
| Glow wire test                                 | 850°                      |
| Direct mounting on normally flammable surfaces | Yes                       |
| CE                                             | Yes                       |
| Driver included                                | Driver                    |
| Dimmable article                               | No                        |
| Directional                                    | No                        |
| Tilting                                        | No                        |
| Walk-over                                      | No                        |
| Drive-over                                     | No                        |
| Cable included                                 | No                        |
| Resin potting                                  | No                        |
| Type of light emission                         | Single emission           |
| Net weight                                     | 0.55 Kg                   |
| Electrostatic discharge protection             | Yes                       |
| Surge protection                               | 0.5 KV                    |
| Optics technology                              | Set-back low glare optics |

| Finishing casing |                                  |
|------------------|----------------------------------|
| Material         | Aluminium 6060 - Aluminium 6060  |
| Colour           | Black - gold                     |
| Processing       | Powder coating - Liquid painting |

| Finishing diffuser |                   |
|--------------------|-------------------|
| Material           | Extra clear glass |
| Colour             | transparent       |

Ceiling Downlights | 176-264 V | 1 arrayLED 7.3 W DC - 9 W AC | CRI 90 | Base 76087N10

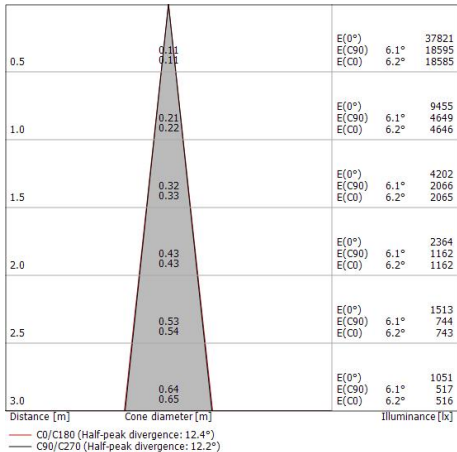
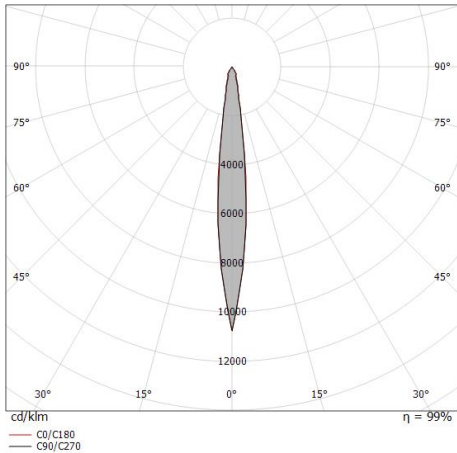
Single emission ceiling downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1191 lm, with a 163.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a gold finish, processed by means of liquid painting The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.55 kg.

The total absorbed power is 9 W.

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

|                                        |                |
|----------------------------------------|----------------|
| Light Output Ratio (LOR)               | 73 %           |
| Source lumens                          | 1191 lm        |
| Delivered lumens                       | 878 lm         |
| Consumption                            | 9 W            |
| Luminaire efficacy                     | 97 lm/W        |
| Colour temperature                     | 4000 K         |
| Standard Deviation of Colour Matching  | 2 Step MacAdam |
| Colour rendering index                 | 90 Ra          |
| Colour Rendering Index                 | 60 R9          |
| Black Body Locus                       | On             |
| Standard Operating Ambient Temperature | -20 / +50°C    |
| Ordinary temperature on the glass      | 40°C           |

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 13.4     |
| UGR transversal   | 13.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 12°         |
| Light distribution simmetry | Symmetrical |

