

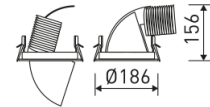


**Dimensions**

|                         |                 |
|-------------------------|-----------------|
| Product dimensions (mm) | ø186 x 156      |
| Packing dimensions (mm) | 240 x 295 x 185 |
| Net weight (g)          | 2227            |
| Gross weight (Kg)       | 2,5             |
| Drilling hole (mm)      | Ø175            |

**Scheme**

Scheme



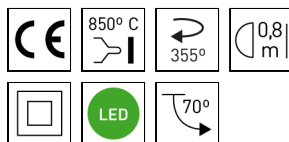
**Adjustable round downlight from the TROLL family Angle.**

**DESCRIPTION**

Adjustable round downlight from the TROLL family Angle setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000° K (neutral white) optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor spaces. Designed for ceiling recessed installation. Luminaire body built in die-cast aluminium finished in grey. Optical group is IP44 on the visible frontal area. Luminaire built-in an high bright especular reflector without irisation made of high purity aluminium with an angle beam of 20°. Luminaire sets a 38 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire sets a ball joint system which allows rotation 355° and tilting 70°. Fixture has a luminous flux of 3765 Lm, with an efficiency of 89,64 Lm/W and a total consumption of 42 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear ON/OFF fed at 220-240V; 50/60 Hz.

|                           |   |
|---------------------------|---|
| Item code                 | 0163/L8420/21   |
| Product type              | IN  |
| Category                  | Recessed Downlights   |
| Family                    | Angle   |
| Subfamily                 | Angle   |
| Materials                 | Luminaire body built in die-cast aluminium.   |
| Optical system            | Luminaire built-in a high bright especular reflector without irisation made of high purity aluminium. |
| Installation instructions | Luminaire designed for ceiling recessed installation.   |

**Pictograms**



**Product**

|                             |                      |
|-----------------------------|----------------------|
| Real power (W)              | 42                   |
| Real luminous flux (Lm)     | 3765                 |
| Luminous efficiency (Lm/W)  | 89,64                |
| Beam angle (°)              | 20                   |
| Life time (h)               | 50000                |
| IP                          | 44/20                |
| Electrical class insulation | Class 2              |
| Operating temperature       | from -20° C to 35° C |
| Electrical feeding          | 220..240V, 50/60Hz   |
| Colour                      | Grey                 |
| Energy efficiency class     | A                    |

**Control gear**

|                       |                         |
|-----------------------|-------------------------|
| Control gear included | Yes                     |
| Control gear          | Electronic Control Gear |
| Factor de potencia    | 0,98                    |

**Light source**

|                            |      |
|----------------------------|------|
| Light source included      | Yes  |
| Light source               | Led  |
| Nominal power (W)          | 37   |
| Nominal luminous flux (Lm) | 5100 |
| Colour temperature (K)     | 4000 |
| Colour consistency (SDCM)  | 3    |
| CRI                        | 80   |

**Photometry**

Photometry

