






### Adjustable circular Luminaire DOWNLIGHT from family BRIM by TROLL.

#### DESCRIPTION

Adjustable round downlight from the TROLL family Brim setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000° K (warm 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 white. Luminaire is IP20. Luminaire built-in a primary reflector made of high purity aluminium plus an antiglare secondary reflector with an angle beam of 15°, 25° ó 50°. Luminaire sets a 31 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 30°. Fixture has a luminous flux of 1965/2010/2123 Lm, with an efficiency of 68 Lm/W and a total consumption of 31 W. The average life for the luminaire is 50000 h (established at a minimum flux of 70 % from the original). Luminaire built-in a DALI dimmable electronic control gear fed at 220-240V; 50/60 Hz.

|                           |   |
|---------------------------|---|
| Item code                 | 11.1223.XXXX.XX   |
| Product type              | IN  |
| Category                  | Recessed Downlights   |
| Family                    | Brim  |
| Subfamily                 | Brim T2   |
| Materials                 | Luminaire body built in die-cast aluminium.   |
| Optical system            | Luminaire built-in a primary reflector made of high purity aluminium plus an antiglare secondary reflector.   |
| Installation instructions | Luminaire designed for ceiling recessed installation.   |
| Pictograms                |    |

|                         |                 |
|-------------------------|-----------------|
| <b>Dimensions</b>       |                 |
| Product dimensions (mm) | ø110/134 x 190  |
| Packing dimensions (mm) | 227 x 157 x 155 |
| Net weight (g)          | 750             |
| Gross weight (Kg)       | 0,940           |
| Drilling hole (mm)      | Ø104-118        |

|                             |                      |
|-----------------------------|----------------------|
| <b>Product</b>              |                      |
| Real power (W)              | 31                   |
| Real luminous flux (Lm)     | 1965/2010/2123       |
| Luminous efficiency (Lm/W)  | 68                   |
| Beam angle (°)              | 10°/25°/50°          |
| Life time (h)               | 50000                |
| IP                          | 20                   |
| Electrical class insulation | Class 1              |
| Operating temperature       | from -20 °C to 35 °C |
| Electrical feeding          | 220..230V, 50/60Hz   |
| Energy efficiency class     | A                    |

|                         |                                       |
|-------------------------|---------------------------------------|
| <b>Control gear</b>     |                                       |
| Control gear included   | Yes                                   |
| Control gear            | DALI Dimmable Electronic Control Gear |
| Factor de potencia      | 0,95                                  |
| Harmonic distortion (%) | < 20                                  |

|                            |       |
|----------------------------|-------|
| <b>Light source</b>        |       |
| Light source included      | Yes   |
| Light source               | Led   |
| Nominal power (W)          | 31    |
| Nominal luminous flux (Lm) | 2800  |
| Average life time (h)      | 50000 |
| Colour temperature (K)     | 3000  |
| Colour consistency (SDCM)  | 3     |
| CRI                        | 80    |

|                |      |
|----------------|------|
| <b>Options</b> |      |
| Led engine     | 1223 |



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Reflectors

- 10 = 10°
- 25 = 25°
- 50 = 50°



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Secondary reflector

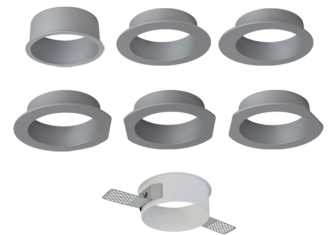
- 0 = Witout reflector
- 1 = Grey
- 2 = Golden
- 3 = White
- 4 = Black
- 7 = Bright aluminium



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Trim

- 1.02 = Golden basic
- 1.04 = Black basic
- 1.21 = Grey basic
- 1.33 = White basic
- 2.33 = White trimless
- 3.02 = Golden symmetric
- 3.04 = Black symmetric
- 3.21 = Grey symmetric
- 3.33 = White symmetric
- 4.02 = Golden eccentric
- 4.04 = Black eccentric
- 4.21 = Grey eccentric
- 4.33 = White eccentric
- 5.02 = Golden Lateral
- 5.04 = Black lateral
- 5.21 = Grey lateral
- 5.33 = White lateral
- 6.02 = Golden parallel
- 6.04 = Black parallel
- 6.21 = Grey parallel
- 6.33 = White parallel
- 7.02 = Golden angular
- 7.04 = Black angular
- 7.21 = Black angular
- 7.33 = White angular



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Accessories

|                 |                       |
|-----------------|-----------------------|
| 11.1200.0001.00 | Protection glass.     |
| 11.1200.0003.00 | Anti glare honeycomb. |