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**Dimensions**


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|                         |             |
|-------------------------|-------------|
| Product dimensions (mm) | ø112 x 74,5 |
| Net weight (g)          | 730         |
| Gross weight (Kg)       | 0,83        |
| Drilling hole (mm)      | Ø100        |

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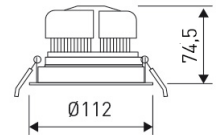


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**Scheme**


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Scheme








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### Adjustable round downlight with double cardan from the TROLL family Downled.

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**DESCRIPTION**

Adjustable round downlight with double cardanic from the TROLL family Downled 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 indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Designed for ceiling recessed installation. Luminaire body built in die-cast aluminium finished in white. Optical group is IP44 on the visible frontal area. Luminaire built-in an high efficiency faceted reflector made of high purity aluminium with an angle beam of 36°. Luminaire sets a 13 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire sets a ball joint system which allows 20° in both cardanic axels. Fixture has a luminous flux of 1200 Lm, with an efficiency of 77,4 Lm/W and a total consumption of 15,5 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                 | 11.1604.2835.33   |
| Product type              | IN  |
| Category                  | Recessed Downlights   |
| Family                    | Downled   |
| Subfamily                 | Downled   |
| Materials                 | Luminaire body built in die-cast aluminium.   |
| Optical system            | Luminaire built-in a high efficiency faceted reflector made of high purity aluminium.   |
| Installation instructions | Luminaire designed for ceiling recessed installation.   |
| Pictograms                |     |

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**Product**


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|                             |                      |
|-----------------------------|----------------------|
| Real power (W)              | 15,5                 |
| Real luminous flux (Lm)     | 1200                 |
| U.G.R. (%)                  | < 19                 |
| Luminous efficiency (Lm/W)  | 77,4                 |
| Beam angle (°)              | 36                   |
| 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                      | White                |
| Energy efficiency class     | A                    |

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**Control gear**


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|                       |                         |
|-----------------------|-------------------------|
| Control gear included | Yes                     |
| Control gear          | Electronic Control Gear |
| Factor de potencia    | 0,99                    |

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**Light source**


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|                            |      |
|----------------------------|------|
| Light source included      | Yes  |
| Light source               | Led  |
| Nominal power (W)          | 13   |
| Nominal luminous flux (Lm) | 1600 |
| Colour temperature (K)     | 3000 |
| CRI                        | 80   |

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**Photometry**


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Photometry

