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**Dimensions**


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|                         |            |
|-------------------------|------------|
| Product dimensions (mm) | ø218 x 138 |
| Net weight (g)          | 743        |
| Drilling hole (mm)      | Ø200       |

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**Scheme**


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Scheme




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**Product**


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|                             |                    |
|-----------------------------|--------------------|
| Real power (W)              | 14                 |
| Real luminous flux (Lm)     | 1721               |
| U.G.R. (%)                  | < 19               |
| Luminous efficiency (Lm/W)  | 172                |
| Beam angle (°)              | 80                 |
| Life time (h)               | 50000              |
| IP                          | 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          | 1-10V Dimmable Electronic Control Gear |
| Factor de potencia    | 0,98                                   |

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**Light source**


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|                            |       |
|----------------------------|-------|
| Light source included      | Yes   |
| Light source               | Led   |
| Nominal power (W)          | 12    |
| Nominal luminous flux (Lm) | 2000  |
| Average life time (h)      | 50000 |
| Colour temperature (K)     | 4000  |
| Current (mA)               | 350   |
| Colour consistency (SDCM)  | 3     |
| CRI                        | 80    |

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**Photometry**


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## Round format fix downlight from the TROLL family Optics Comfort.

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**DESCRIPTION**

Round format fix downlight from the TROLL family Optics Comfort 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 indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Designed for ceiling recessed installation. Luminaire body built in synthetic material and aluminium heat-sink with finishes in white. Luminaire is IP20. Luminaire built-in an high efficiency reflector made of high vacuum aluminised polycarbonate with an angle beam of 80°. Luminaire sets a 12 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Luminaire UGR<19. Fixture has a luminous flux of 1721 Lm, with an efficiency of 172 Lm/W and a total consumption of 14 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an 1-10V dimmable electronic control gear fed at 220-240V; 50/60 Hz.

|                           |   |
|---------------------------|---|
| Item code                 | 11.1703.1402.33   |
| Product type              | IN  |
| Category                  | Recessed Downlights   |
| Family                    | Optics  |
| Subfamily                 | Optics Comfort  |
| Materials                 | Luminaire body built in synthetic material with aluminium heat-sink.                          |
| Optical system            | Luminaire built-in a high efficiency reflector made of high vacuum aluminised polycarbonate . |
| Installation instructions | Luminaire designed for ceiling recessed installation.   |
| Pictograms                |   |

Photometry

