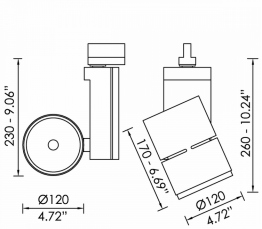
PENDO 1R TR

432 variants



Dimensions



Available colours

White Black Grey

PENDO 1R TR is a track or ceiling spotlight with an aluminium body and 120 mm diameter. It suits retail, residential, hospitality and display spaces where the light needs to be directed towards products, surfaces or points of interest. The 15°–60° beam range allows the product to cover both focused accent lighting and wider illumination. With the right adapter, it can be used on single-phase or three-phase track; single-phase keeps the installation in one switching group, while three-phase allows different groups of spotlights to be controlled separately. Low glare combined with CRI90 makes it suitable for projects with high visual-comfort requirements, including offices, hospitality spaces and WELL or LEED-oriented applications. It is available in white, black and grey finishes, with special RAL colours available on request for project-specific schemes. On-Off, DALI2 and Casambi options allow the luminaire to support anything from simple operation to more advanced lighting control in professional projects.

LUMINAIRE POWER

12.8 - 40.4 W

LUMINAIRE LUMINOUS FLUX

1,458 - 4,484 lm

The power and luminous flux ranges are calculated separately from the listed variants. For an exact combination, see the code details on the site.

See all variants on bright.gr >

Technical characteristics

Common data

Characteristics that apply to all versions of PENDO 1R TR.

Mounting position	**Track, Ceiling**
Housing	**Aluminium**
Optic	**Clear Polycarbonate**
Light source	**COB LED**
Body dimensions	**Ø 120 × 170 mm**
Control Gear	**Built-in ECG**
Colour uniformity	**3 SDCM**
Ripple	**3**
Operating voltage	**230 V**

Power factor	**0.96**
Protection rating	**IP20 / IK07**
Insulation class	**Class II**
Lifetime	**>60.000h L80B10@35°C**
Operating temperature	**-10…+45°C**
Operating humidity	**5…95%**
Lighting direction	**Sideways**
Accessories	**FRENSEL FILTER, HONEY COMB R111, SHADE R111, WALL WASHER**

Markings and catalogue references **CE • LM80 • LM79 • TM21 • REACH**

Options per version

Beams 15° (N), 24° (NM), 40° (W), 60° (XW) | Control On-Off, DALI2, DALI2 + Casambi

Luminous efficacy 99 - 119.7 lm/W | UGR longwise / parallel 18 - 27 / 18 - 27

CRI/CCT	Colour temperature	Beams	Power (W)	Luminous flux (lm)
930	3000 K	15°, 24°, 40°, 60°	12.8 - 40.4	**1,458 - 4,279**
940	4000 K	15°, 24°, 40°, 60°	12.8 - 40.4	**1,532 - 4,484**

Luminous flux range per version

Minimum 1,458 lm / 12.8 W / 930 / SP1141CL001ON

Maximum 4,484 lm / 40.4 W / 940 / SP1152CL001ON

The ranges per CCT summarise the values of the available codes. To choose a specific code, open the full table of variants.

See all variants on bright.gr >