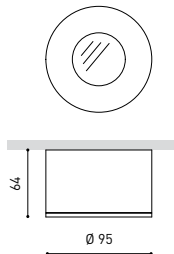




## DIMENSIONS



## AWARDS



|           |                 |
|-----------|-----------------|
| Name      | PUCK L 4000K NT |
| Reference | A2512002NT      |
| Color     | Textured black  |
| RAL       | 9005            |
| Category  | SURFACE         |

## PRODUCT

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 1660 Lm                   |
| Power                       | 20 W                      |
| Power values of the system  | 20,00 W                   |
| Colour temperature          | 4000 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | Mac Adam Step 3           |
| Light beam angle            | 45°                       |
| Unified Glare Rating        | UGR<19                    |
| Lighting efficiency         | 80%                       |
| Efficacy                    | 83 Lm/W                   |
| Driver                      | Included                  |
| Electrical insulation class | ⊕                         |
| Voltage                     | 220 V/240 V               |
| Frequency                   | 50/60 Hz                  |
| Energy efficiency           | A                         |
| LED lifespan                | L70B50 (Tc=85°C) >36.000h |

## LIGHTING INFORMATION

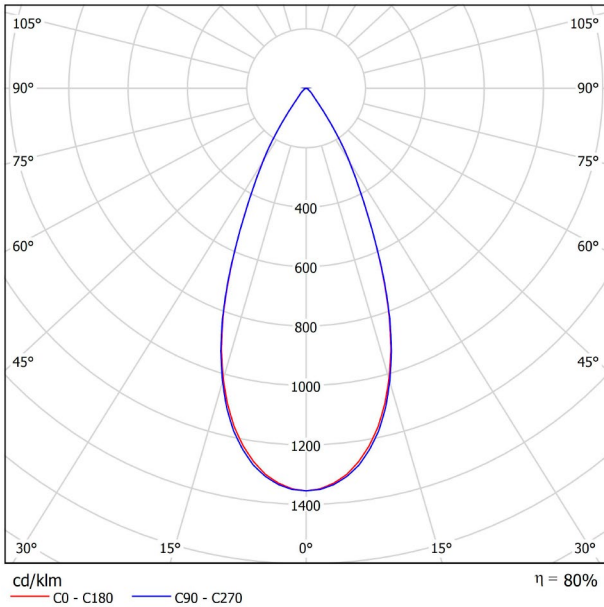
|                      |                           |
|----------------------|---------------------------|
| Ingress Protection   | IP20                      |
| Weight               | 510 g.                    |
| Packaged weight      | 570 g.                    |
| Packaging dimensions | 134 × 119 × 73,5 mm.      |
| Units per package    | 1                         |
| Materials            | Aluminium / Optical Glass |

## OTHER DATA

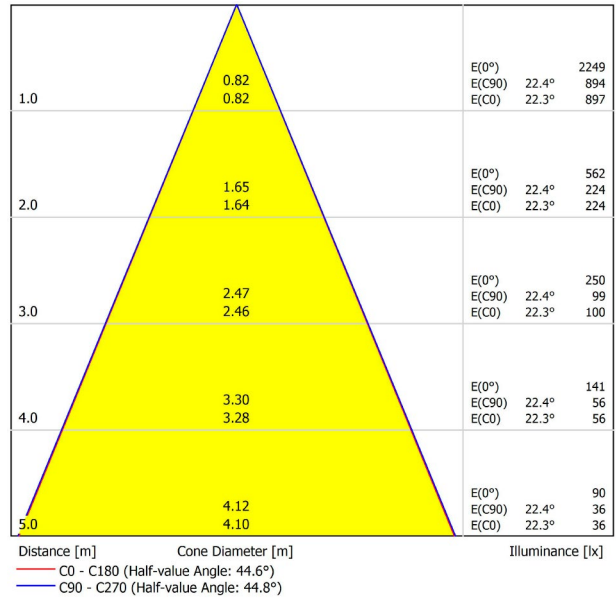


Puck is a luminary that –for its function, opening angle and luminous flux- manages to embody, in a surface piece, the performance of the classic recessed luminaries with dichroic lamps. Puck is designed to undertake general lighting functions and, moreover, given its ultra-compact format, aims to conserve discretion in those places where it is impossible to recess the appliances in the ceiling.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| ρ Ceiling  | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   |      |
| ρ Walls  | 50          | 30   | 50   | 30   | 30   | 50          | 30                                      | 50   | 30   | 30   |      |
| ρ Floor  | 20          | 20   | 20   | 20   | 20   | 20          | 20                                      | 20   | 20   | 20   |      |
| Room Size X Y  |             | Viewing direction at right angles to lamp axis |      |      |      |             | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H          | 7.9  | 8.6  | 8.1  | 8.8  | 9.0         | 7.8                                     | 8.5  | 8.1  | 8.7  | 8.9  |
|  | 3H          | 9.6  | 10.3 | 9.9  | 10.5 | 10.7        | 9.9                                     | 10.5 | 10.2 | 10.8 | 11.0 |
|  | 4H          | 10.7   | 11.3 | 11.0 | 11.6 | 11.8        | 10.8                                    | 11.4 | 11.1 | 11.7 | 11.9 |
|  | 6H          | 11.3   | 11.9 | 11.6 | 12.1 | 12.4        | 11.4                                    | 12.0 | 11.8 | 12.3 | 12.5 |
|  | 8H          | 11.5   | 12.0 | 11.8 | 12.3 | 12.6        | 11.7                                    | 12.3 | 12.1 | 12.5 | 12.8 |
| 4H   | 12H         | 11.7   | 12.2 | 12.1 | 12.5 | 12.8        | 12.0                                    | 12.5 | 12.3 | 12.8 | 13.1 |
|  | 2H          | 8.2  | 8.8  | 8.5  | 9.0  | 9.3         | 8.1                                     | 8.7  | 8.4  | 9.0  | 9.2  |
|  | 3H          | 10.5   | 11.0 | 10.8 | 11.3 | 11.6        | 10.7                                    | 11.2 | 11.0 | 11.5 | 11.8 |
|  | 4H          | 11.7   | 12.1 | 12.1 | 12.5 | 12.8        | 11.8                                    | 12.2 | 12.2 | 12.6 | 12.9 |
|  | 6H          | 12.4   | 12.8 | 12.8 | 13.2 | 13.5        | 12.5                                    | 12.9 | 12.9 | 13.3 | 13.6 |
| 8H   | 8H          | 12.7   | 13.0 | 13.1 | 13.4 | 13.8        | 12.9                                    | 13.2 | 13.3 | 13.6 | 14.0 |
|  | 12H         | 13.0   | 13.3 | 13.4 | 13.7 | 14.1        | 13.2                                    | 13.5 | 13.6 | 13.9 | 14.3 |
|  | 4H          | 12.1   | 12.4 | 12.5 | 12.8 | 13.2        | 12.2                                    | 12.5 | 12.6 | 12.9 | 13.3 |
|  | 6H          | 13.0   | 13.2 | 13.4 | 13.6 | 14.1        | 13.1                                    | 13.3 | 13.5 | 13.7 | 14.2 |
|  | 8H          | 13.3   | 13.5 | 13.8 | 14.0 | 14.4        | 13.5                                    | 13.7 | 14.0 | 14.2 | 14.7 |
| 12H  | 12H         | 13.8   | 13.9 | 14.2 | 14.4 | 14.9        | 14.0                                    | 14.1 | 14.4 | 14.6 | 15.1 |
|  | 4H          | 12.1   | 12.4 | 12.6 | 12.8 | 13.2        | 12.2                                    | 12.5 | 12.7 | 12.9 | 13.3 |
|  | 6H          | 13.1   | 13.3 | 13.5 | 13.7 | 14.2        | 13.2                                    | 13.4 | 13.6 | 13.8 | 14.3 |
| 8H   | 13.5        | 13.6   | 14.0 | 14.1 | 14.6 | 13.7        | 13.8                                    | 14.2 | 14.3 | 14.8 |      |
| Variation of the observer position for the luminaire distances S |             |  |      |      |      |             |   |      |      |      |      |
| S = 1.0H   | +3.9 / -2.4 |  |      |      |      | +3.8 / -2.3 |   |      |      |      |      |
| S = 1.5H   | +6.4 / -3.0 |  |      |      |      | +6.3 / -2.9 |   |      |      |      |      |
| S = 2.0H   | +8.3 / -3.5 |  |      |      |      | +8.2 / -3.3 |   |      |      |      |      |
| Standard table   | BK02        |  |      |      |      | BK02        |   |      |      |      |      |
| Correction Summand   | -4.4        |  |      |      |      | -4.5        |   |      |      |      |      |
| Corrected Glare Indices referring to 1660lm Total Luminous Flux  |             |  |      |      |      |             |   |      |      |      |      |