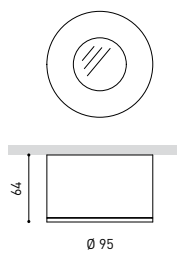




## DIMENSIONS



## AWARDS



## PRODUCT

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

## LIGHTING INFORMATION

|                             |                           |
|-----------------------------|---------------------------|
| 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         | MacAdam Step 3            |
| Light beam angle            | 45°                       |
| 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 |

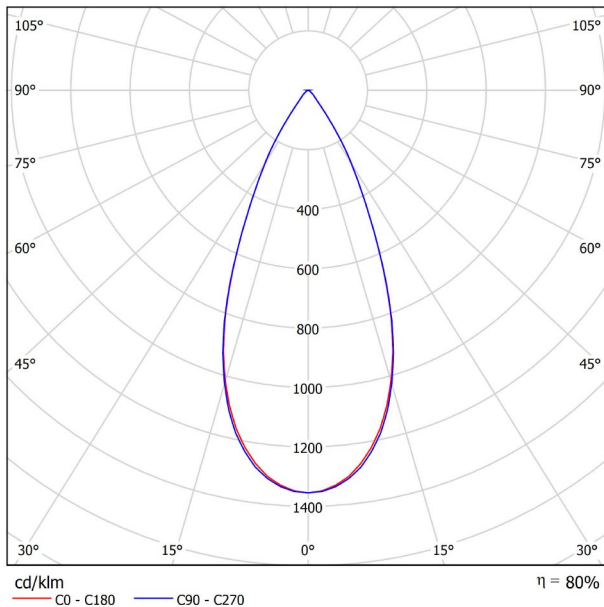
## OTHER DATA

|                      |                           |
|----------------------|---------------------------|
| 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 |

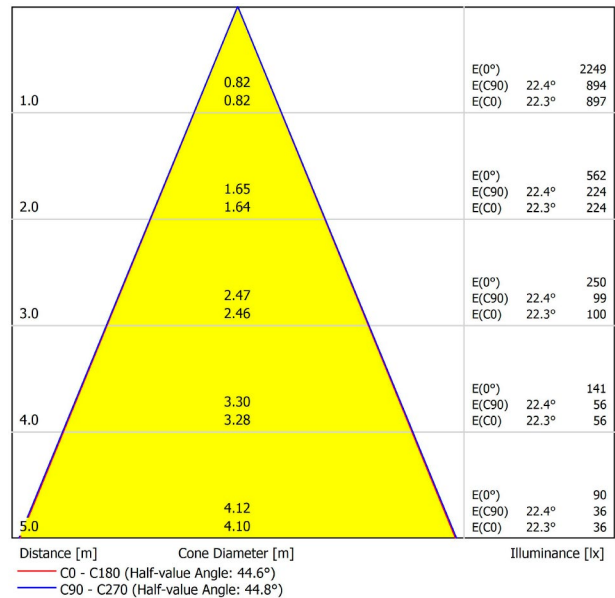


Puck is a luminaire that –for its function, opening angle and luminous flux- manages to embody, in a surface piece, the performance of the classic recessed luminaires with dichroic lamps. Puck is designed to undertake general lighting functions and, moreover, given its ultra-compact format, aims to conserve 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<br>X      Y                                           |                                                                  | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>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<br>Summand                                           |                                                                  | -4.4                                              |      |      |      |      | -4.5                                       |      |      |      |      |  |
| Corrected Glare Indices referring to 1660lm Total Luminous Flux |                                                                  |                                                   |      |      |      |      |                                            |      |      |      |      |  |