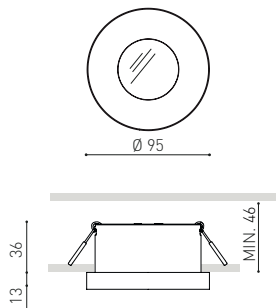




DIMENSIONS



AWARDS



|           |                          |
|-----------|--------------------------|
| Name      | PUCK RECESSED L 4000K NT |
| Reference | A3132012NT               |
| Color     | Textured black           |
| RAL       | 9005                     |
| Category  | CEILING RECESSED         |

PRODUCT

|                             |                                    |
|-----------------------------|------------------------------------|
| Light source                | LED                                |
| Gross luminous flux         | 1640 Lm                            |
| Power                       | 12 W                               |
| Power values of the system  | 13,79 W                            |
| Colour temperature          | 4000 K                             |
| Colour Rendering Index      | CRI>90                             |
| Chromatic stability         | Mac Adam Step 2                    |
| Light beam angle            | 47°                                |
| Unified Glare Rating        | UGR<19                             |
| Lighting efficiency         | 82%                                |
| Efficacy                    | 137 Lm/W                           |
| Current intensity           | 350 mA                             |
| Dimming                     | No Dim - Other DIM, please consult |
| Control through bluetooth   | Please Consult                     |
| Driver                      | Included - Connected               |
| Emergency power supply      | Please Consult                     |
| Electrical insulation class | □                                  |
| Voltage                     | 220 V/240 V                        |
| Frequency                   | 50/60 Hz                           |
| Energy efficiency           | A+                                 |
| LED lifespan                | L80B10 (Tj=85°C) >60.000h          |

LIGHTING INFORMATION

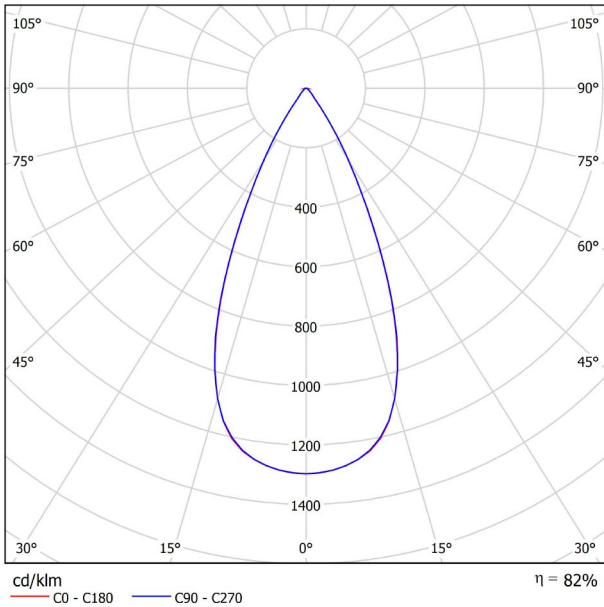
|                      |                              |
|----------------------|------------------------------|
| Ingress Protection   | IP20 - IP 54, please consult |
| Recess measurements  | Ø86 mm.                      |
| Weight               | 516 g.                       |
| Packaged weight      | 580 g.                       |
| Packaging dimensions | 192 x 161 x 61 mm.           |
| Units per package    | 1                            |
| Materials            | Aluminium / Optical Glass    |

OTHER DATA

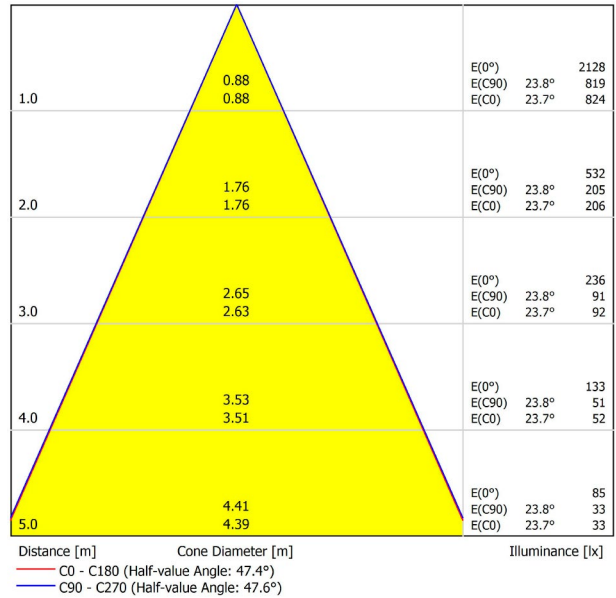


Puck Recessed is the Puck version for recessed applications. Puck Recessed aims to fulfill the functions of general lighting. Its discreet presence takes the shape of a circular piece, totally made of aluminium, with a slight rounded slant to hold the light source back a few centimetres.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |      |     |    |    |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|------|-----|----|----|
| ρ Ceiling  | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   | 70   | 70   | 50  | 50 | 30 |
| ρ Walls  | 50          | 30   | 50   | 30   | 30   | 50          | 30                                      | 50   | 30   | 30   | 50   | 30   | 50  | 30 | 30 |
| ρ Floor  | 20          | 20   | 20   | 20   | 20   | 20          | 20                                      | 20   | 20   | 20   | 20   | 20   | 20  | 20 | 20 |
| Room Size  |             | Viewing direction at right angles to lamp axis |      |      |      |             | Viewing direction parallel to lamp axis |      |      |      |      |      |     |    |    |
| X  | Y           | 2H   | 3H   | 4H   | 6H   | 8H          | 12H                                     | 2H   | 3H   | 4H   | 6H   | 8H   | 12H |    |    |
| 2H   | 2H          | 8.2  | 8.9  | 8.5  | 9.1  | 9.3         | 7.6                                     | 8.3  | 7.8  | 8.5  | 8.5  | 8.7  |     |    |    |
|  | 3H          | 10.6   | 11.2 | 10.9 | 11.5 | 11.7        | 10.3                                    | 11.0 | 10.6 | 11.2 | 11.2 | 11.4 |     |    |    |
|  | 4H          | 12.1   | 12.7 | 12.4 | 12.9 | 13.2        | 11.6                                    | 12.2 | 11.9 | 12.5 | 12.8 | 12.8 |     |    |    |
|  | 6H          | 13.0   | 13.5 | 13.3 | 13.8 | 14.1        | 12.6                                    | 13.1 | 12.9 | 13.4 | 13.7 | 13.7 |     |    |    |
|  | 8H          | 13.5   | 14.0 | 13.9 | 14.3 | 14.6        | 13.0                                    | 13.5 | 13.3 | 13.8 | 14.1 | 14.1 |     |    |    |
|  | 12H         | 14.0   | 14.5 | 14.3 | 14.8 | 15.1        | 13.4                                    | 13.9 | 13.7 | 14.2 | 14.5 | 14.5 |     |    |    |
| 4H   | 2H          | 8.7  | 9.3  | 9.0  | 9.6  | 9.8         | 8.2                                     | 8.8  | 8.5  | 9.1  | 9.3  | 9.3  |     |    |    |
|  | 3H          | 11.8   | 12.3 | 12.1 | 12.6 | 12.9        | 11.5                                    | 12.0 | 11.9 | 12.3 | 12.6 | 12.6 |     |    |    |
|  | 4H          | 13.3   | 13.8 | 13.7 | 14.1 | 14.4        | 12.9                                    | 13.4 | 13.3 | 13.7 | 14.1 | 14.1 |     |    |    |
|  | 6H          | 14.3   | 14.7 | 14.7 | 15.1 | 15.4        | 14.0                                    | 14.3 | 14.4 | 14.7 | 15.1 | 15.1 |     |    |    |
|  | 8H          | 15.0   | 15.3 | 15.4 | 15.7 | 16.1        | 14.5                                    | 14.8 | 14.9 | 15.2 | 15.6 | 15.6 |     |    |    |
|  | 12H         | 15.5   | 15.8 | 15.9 | 16.2 | 16.6        | 15.0                                    | 15.2 | 15.4 | 15.6 | 16.1 | 16.1 |     |    |    |
| 8H   | 4H          | 13.8   | 14.1 | 14.2 | 14.5 | 14.9        | 13.5                                    | 13.8 | 13.9 | 14.2 | 14.6 | 14.6 |     |    |    |
|  | 6H          | 15.0   | 15.2 | 15.5 | 15.7 | 16.1        | 14.7                                    | 15.0 | 15.2 | 15.4 | 15.8 | 15.8 |     |    |    |
|  | 8H          | 15.8   | 16.0 | 16.2 | 16.4 | 16.9        | 15.4                                    | 15.6 | 15.8 | 16.0 | 16.5 | 16.5 |     |    |    |
|  | 12H         | 16.4   | 16.6 | 16.9 | 17.1 | 17.6        | 16.0                                    | 16.1 | 16.5 | 16.6 | 17.1 | 17.1 |     |    |    |
| 12H  | 4H          | 13.9   | 14.1 | 14.3 | 14.5 | 15.0        | 13.6                                    | 13.9 | 14.0 | 14.3 | 14.7 | 14.7 |     |    |    |
|  | 6H          | 15.2   | 15.4 | 15.6 | 15.8 | 16.3        | 14.9                                    | 15.1 | 15.3 | 15.5 | 16.0 | 16.0 |     |    |    |
|  | 8H          | 16.0   | 16.2 | 16.5 | 16.6 | 17.1        | 15.6                                    | 15.8 | 16.1 | 16.2 | 16.7 | 16.7 |     |    |    |
| Variation of the observer position for the luminaire distances S |             |  |      |      |      |             |   |      |      |      |      |      |     |    |    |
| S = 1.0H   | +2.7 / -1.1 |  |      |      |      | +2.9 / -1.2 |   |      |      |      |      |      |     |    |    |
| S = 1.5H   | +4.8 / -1.4 |  |      |      |      | +5.0 / -1.6 |   |      |      |      |      |      |     |    |    |
| S = 2.0H   | +6.6 / -1.7 |  |      |      |      | +6.9 / -1.8 |   |      |      |      |      |      |     |    |    |
| Standard table   | BK04        |  |      |      |      | BK04        |   |      |      |      |      |      |     |    |    |
| Correction Summand   | -3.4        |  |      |      |      | -3.5        |   |      |      |      |      |      |     |    |    |
| Corrected Glare Indices referring to 1640lm Total Luminous Flux  |             |  |      |      |      |             |   |      |      |      |      |      |     |    |    |