

# NECTRA LED PLUS 170MM 1650LM 840 IP44 OPAL WHITE (12W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |               |
|---------------------------------|---------------|
| <b>Index:</b>                   | 517624        |
| <b>Ingress protection:</b>      | IP44          |
| <b>Nominal power [W]:</b>       | 12            |
| <b>Luminous flux [lm]*:</b>     | 1650          |
| <b>Colour temperature [K]:</b>  | 4000          |
| <b>Colour rendering index:</b>  | >80           |
| <b>Energy efficiency class:</b> | D             |
| <b>Material of the body:</b>    | PC, aluminium |
| <b>Colour of the body:</b>      | white         |
| <b>Diffuser material:</b>       | PMMA          |

## CHARACTERISTICS

Downlight type fitting with an integrated energy-saving LED source. Made of lightweight aluminium and plastic. Its distinctive features are low profile, light weight and very easy and fast installation.

Design for both solid and modular ceilings.

## APPLICATION

Designed for indoor use in common areas, passageways or to provide additional illumination in the office rooms. Due to equal surface illumination and high energy savings, it is especially recommended for public buildings.

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## TECHNICAL PARAMETERS TABLE

|                                   |               |                                      |   |
|-----------------------------------|---------------|--------------------------------------|---|
| Light source:                     | LED module    | Dimensions (H/W/T/S) [mm]:           | ø170/69   |
| Nominal power [W]:                | 12            | Mounting dimensions [mm]:            | ø150  |
| Rated power of the luminaire [W]: | 14            | Impact resistance:                   | IK08  |
| Supply voltage [V]:               | 110 - 277     | Ingress protection:                  | IP44  |
| Frequency [Hz]:                   | 50 - 60       | Mounting version:                    | recessed  |
| Luminous flux [lm]:               | 1650          | Working temperature [°C]:            | from -10 to +35   |
| Luminous efficacy [lm/W]:         | 117           | Net weight [kg]:                     | 0.380   |
| Energy efficiency class:          | D             | CE certificate:                      | <a href="#">340/2023</a>  |
| Electrical protection class:      | II            | Warranty [years]:                    | 5   |
| Colour temperature [K]:           | 4000          | Index:                               | 517624  |
| Colour rendering index:           | >80           | EAN:                                 | 5905963517624   |
| SDCM:                             | ≤ 3           | Category type:                       | downlights  |
| Power factor:                     | 0.76          | Luminaire rated power $O_{min}$ [W]: | 14.40   |
| Beam angle [°]:                   | 92.2          | AC voltage range [V]:                | 99 - 305  |
| Diffuser material:                | PMMA          | DC voltage range [V]:                | 99 - 305  |
| Diffuser type:                    | OPAL          | LED lifespan L70B50 [h]:             | 80000   |
| Optics material:                  | aluminium     | LED lifespan L80B20 [h]:             | 55000   |
| Optics:                           | reflector     | LED lifespan L90B10 [h]:             | 30000   |
| Material of the body:             | PC, aluminium | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Colour of the body:               | white         | Warranty [years]:                    | 5   |
| Ring material:                    | PC            | Manual:                              | <a href="#">Download PDF</a>  |
| Ring colour:                      | white         |                                      |   |

Card creation date: 07 October 2022

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 340/2023