

**CRUX P LED1X1000 E899 T840 OP • 1101896**

|                |                               |
|----------------|-------------------------------|
| Product:       | Crux P LED1x1000 E899 T840 OP |
| Order code:    | 1101896                       |
| Family:        | Crux P LED                    |
| Product group: | Downlights                    |

**GENERAL DATA**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | Recessed mounted LED downlight<br>Light distribution type: direct<br>Optical system: opal polycarbonate diffuser<br>Housing: aluminium<br>Colour: white (RAL9016) |
| <b>Installation:</b> | In ceilings with cut-out openings (mounting brackets included).<br>Cable, 0.1m, 2x0.75mm2   |
| <b>Environment</b>   | Indoor  |
| <b>Application</b>   | office, education, corridor, retail, public place, showroom, hotel, bathroom  |

**ELECTRICAL DATA**

|  |                        |                                       |                       |
|--|------------------------|---------------------------------------|-----------------------|
| <b>Mains voltage:</b>                    | 220-240V, 50/60Hz      | <b>System power*, W:</b>              | 10                    |
| <b>Power factor:</b>                     | 0.93                   | <b>Control gear:</b>                  | ECG on/off            |
| <b>Integrated sensor:</b>                | None                   | <b>Surge protection (L to N), kV:</b> | 1                     |
| <b>Surge protection (L/N to PE), kV:</b> | 2                      | <b>Overvoltage protection:</b>        | 320 VAC (max. 1 hour) |
| <b>Connection:</b>                       | Cable, 0.1m, 2x0.75mm2 |                                       |                       |

**LIGHTING DATA**

|  |              |                                     |                                    |
|--|--------------|-------------------------------------|------------------------------------|
| <b>Light source and cap, W:</b>        | LED          | <b>Light source included:</b>       | yes                                |
| <b>Luminaire output*, lm(ta+25°C):</b> | 1025         | <b>System efficacy, lm/W:</b>       | 103                                |
| <b>CRI (Ra):</b>                       | 80+          | <b>CCT, K:</b>                      | 4000                               |
| <b>SDCM:</b>                           | 5            | <b>Light Distribution:</b>          | Symmetrical wide beam (76 ...125 ) |
| <b>Distribution Type:</b>              | Direct       | <b>Beam angle, °:</b>               | 100                                |
| <b>LED lifetime, h:</b>                | 50000/L70B50 | <b>Ripple current (≤120 Hz), %:</b> | ≤2                                 |

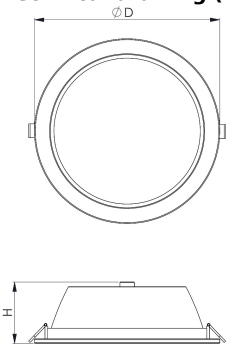
**TECHNICAL DATA**

|                                  |            |   |        |
|----------------------------------|------------|---|--------|
| <b>Net weight, kg:</b>           | 0.33       | <b>Mounting holes/cut-out dimensions, mm:</b> | d90    |
| <b>Quantity in package, pcs:</b> | 1          | <b>Packaging volume, m3/pcs:</b>              | 0.0007 |
| <b>Dimensions, mm:</b>           | 113x113x55 |   |        |

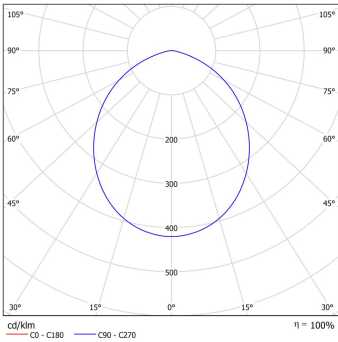
**STANDARDS**

|   |  |                                      |                |
|---|--|--------------------------------------|----------------|
| <b>Operating temperature range, °C:</b> | ta 0...+35                                 | <b>Protection class IEC:</b>         | II             |
| <b>Ingress protection code:</b>         | IP44                                       | <b>Mechanical impact resistance:</b> | IK04           |
| <b>EEC:</b>                             | E  | <b>Certificates:</b>                 | CE, UKCA, RoHS |
| <b>Warranty:</b>                        | 3 years (5 years - see warranty Ts and Cs) |                                      |                |

Technical drawing (.jpg)



Light distribution curve (.jpg)



Note:

Tolerance range for optical and electrical data:  $\pm 10\%$ . Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification. Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.