

**SERPENS S LED1x1550 G375 T840 OP LO1 SB • 1105676**


|                |   |
|----------------|---|
| Product:       | Serpens S LED1x1550 G375 T840 OP LO1 SB |
| Order code:    | 1105676                                 |
| Family:        | Serpens S LED                           |
| Product group: | Aluminium profile luminaires            |

**GENERAL DATA**

|                      |  |
|----------------------|--|
| <b>Description:</b>  | Recessed mounted slim profile LED luminaire for in-line connection<br>Light distribution type: direct<br>Optical system: opal polycarbonate diffuser<br>Housing: aluminium<br>Colour: white (RAL9003S) |
| <b>Installation:</b> | In ceilings with cut-out openings (mounting brackets included), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm <sup>2</sup>  |
| <b>Environment</b>   | Indoor   |
| <b>Application</b>   | office, education, corridor, retail, public place, hotel   |

**ELECTRICAL DATA**

|  |                     |                                       |  |
|--|---------------------|---------------------------------------|--|
| <b>Mains voltage:</b>                    | 220-240V, 0/50/60Hz | <b>System power*, W:</b>              | 15.9                                     |
| <b>Power factor:</b>                     | 0.9                 | <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>Inrush current (Imax/time):</b>    | 22A/ 136µs                               |
| <b>Overvoltage protection:</b>           | 320V AC, 1h         | <b>Connection:</b>                    | Push-in terminal, 3x2x2.5mm <sup>2</sup> |

**LIGHTING DATA**

|  |              |                                     |  |
|--|--------------|-------------------------------------|--|
| <b>Light source and cap, W:</b>        | LED          | <b>Light source included:</b>       | yes  |
| <b>Luminaire output*, lm(ta+25°C):</b> | 1526         | <b>System efficacy, lm/W:</b>       | 96   |
| <b>CRI (Ra):</b>                       | 80+          | <b>CCT, K:</b>                      | 4000   |
| <b>SDCM:</b>                           | 3            | <b>Light Distribution:</b>          | Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125 ) |
| <b>Distribution Type:</b>              | Direct       | <b>Beam angle, °:</b>               | 109x109  |
| <b>LED lifetime, h:</b>                | 50000/L80B10 | <b>Ripple current (≤120 Hz), %:</b> | ≤1   |

**TECHNICAL DATA**

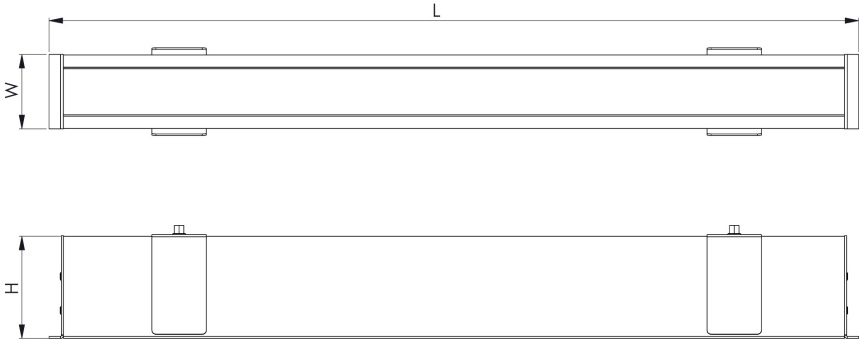
|                                  |            |   |         |
|----------------------------------|------------|---|---------|
| <b>Net weight, kg:</b>           | 3.2        | <b>Mounting holes/cut-out dimensions, mm:</b> | 1423x45 |
| <b>Quantity in package, pcs:</b> | 1          | <b>Packaging volume, m<sup>3</sup>/pcs:</b>   | 0.008   |
| <b>Pallet quantity, pcs:</b>     | 140        |   |         |
| <b>Dimensions, mm:</b>           | 1435x55x75 |   |         |

**STANDARDS**

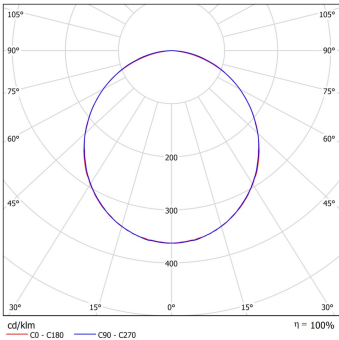
|   |            |                                      |      |
|---|------------|--------------------------------------|------|
| <b>Operating temperature range, °C:</b> | ta 0...+35 | <b>Protection class IEC:</b>         | I    |
| <b>Ingress protection code:</b>         | IP40       | <b>Mechanical impact resistance:</b> | IK05 |

|                     |                |           |  |
|---------------------|----------------|-----------|--|
| Glow wire test, °C: | 650            | EEC:      | E  |
| Certificates:       | CE, UKCA, RoHS | Warranty: | 3 years (5 years – see warranty Ts and Cs) |

Technical drawing (.jpg)



Light distribution curve (.jpg)



|              |   |
|--------------|---|
| <b>Note:</b> | 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. |
|--------------|---|