

## Solstar Disk



The Solstar Disk is a slim, solid die cast aluminium downlight ideal for small ceiling cavities.

This highly aesthetic recessed luminaire is available in four lumen output versions, available with 3 hour maintained emergency options.

Made with high quality die cast aluminium construction.

The Solstar Disk has a back lit LED array with opal polycarbonate diffuser for high quality uniform lit appearance.

The Solstar Disk is a highly efficient LED luminaire with delivered lumens of up to 110 Lm/cW.

- Available in 3000K and 4000K CCT options
- Wide range of nominal lumen values:
  - 1000 Lumen
  - 1600 Lumen
  - 1900 Lumen
  - 3000 Lumen
- Available with fixed output or DALI dimmable control gear to maximise energy savings
- 3 size options, all low profile
  - ø140mm x 22.5mm (ø125mm cut out)
  - ø180mm x 24mm (ø165mm cut out)
  - ø230mm x 24mm (ø210mm cut out)

**LED and Control Gear Options**

- High output, efficient LED array, 80CRI
- Available in: 3000K, 4000K, >80 CRI
- Energy efficient fixed output control gear as standard
- DALI Dimming option

**Materials**

- Opal polycarbonate diffuser
- Die cast aluminium housing
- Steel spring retention clips

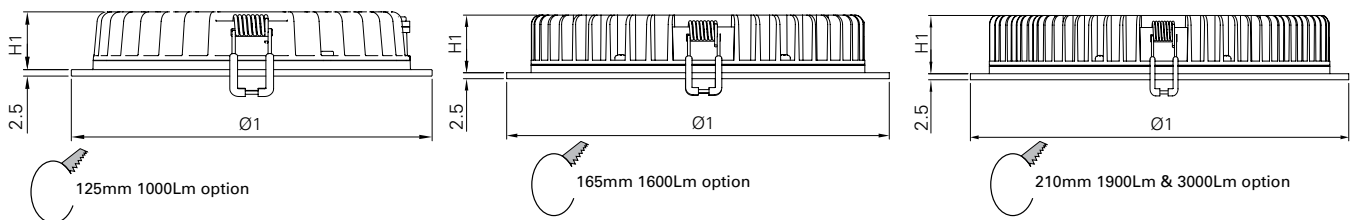
**Installation Notes**

- Shallow profile to suit low ceiling voids
- Allow 25mm clearance above housing
- Do not cover with insulation
- Allow 100mm clearance around the luminaire's sides free of any insulation to allow for suitable air flow
- IP44 luminaire head and IP20 LED driver
- Luminaire retained securely with toolless spring clips

**Options**

- 1000, 1600, 1900, 3000 nominal lumen options
- ø140mm x 22.5mm
- ø180mm x 24mm
- ø230mm x 24mm
- 3hr maintained emergency functionality\*

**Dimensions**



**Catalogue Numbers**

| Description               | Cat No.    | Lumens (Lms) | Circuit Watts (W) | Luminaire Efficacy (Llm/cW) | Height (mm) H1 | Diameter (mm) Ø1 | Cut out size (mm) | Weight (Kg) | Colour Temperature (K) |
|---------------------------|------------|--------------|-------------------|-----------------------------|----------------|------------------|-------------------|-------------|------------------------|
| Solstar Disk 1000LM 3000K | SLK10003KZ | 1069         | 11.2              | 95.6                        | 22.5           | 140              | 125               | 0.3         | 3000                   |
| Solstar Disk 1000LM 4000K | SLK10004KZ | 1123         | 11.2              | 100                         | 22.5           | 140              | 125               | 0.3         | 4000                   |
| Solstar Disk 1600LM 3000K | SLK16003KZ | 1594         | 15.0              | 106.2                       | 24             | 180              | 165               | 0.47        | 3000                   |
| Solstar Disk 1600LM 4000K | SLK16004KZ | 1653         | 15.1              | 109.5                       | 24             | 180              | 165               | 0.47        | 4000                   |
| Solstar Disk 1900LM 3000K | SLK19003KZ | 1846         | 18.6              | 99.1                        | 24             | 230              | 210               | 0.7         | 3000                   |
| Solstar Disk 1900LM 4000K | SLK19004KZ | 2016         | 18.3              | 110.5                       | 24             | 230              | 210               | 0.7         | 4000                   |
| Solstar Disk 3000LM 3000K | SLK30003KZ | 2899         | 28.2              | 102.7                       | 24             | 230              | 210               | 0.7         | 3000                   |
| Solstar Disk 3000LM 4000K | SLK30004KZ | 3021         | 28.4              | 106.5                       | 24             | 230              | 210               | 0.7         | 4000                   |

For DALI dimming option replace character Z with DD. e.g. SLK1003KZ becomes SLK16003KDD  
 For emergency option add EL in front of catalogue number. e.g. - SLK16003KZ becomes ELSLK16003KZ  
 \*Emergency option is not available for the 1000LM versions.

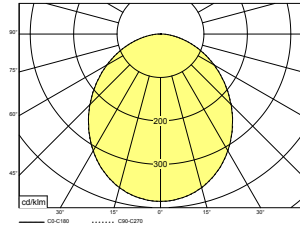
For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/downlight-solstardisk-eaton.html>

**Specification**

To specify state: Recessed low profile, back lit LED Downlight with HF / DALI gear with plug and socket connection, Aluminium body and bezel, As Eaton's Solstar Disk range, part no \_\_\_\_\_

**Photometric Data**

Cat. No. SLK19004KZ



SHR nom: 1.25:1  
SHR max: 1.389:1

Utilisation factors / TM5

| Reflectances |     | Room Index |      |     |      |     |    |     |     |     |     |
|--------------|-----|------------|------|-----|------|-----|----|-----|-----|-----|-----|
| C            | W   | F          | 0.75 | 1.0 | 1.25 | 1.5 | 2  | 2.5 | 3.0 | 4.0 | 5.0 |
| 0.7          | 0.5 | 0.2        | 58   | 68  | 75   | 81  | 88 | 93  | 96  | 100 | 103 |
| 0.7          | 0.3 | 0.2        | 50   | 61  | 68   | 74  | 82 | 87  | 91  | 96  | 100 |
| 0.7          | 0.1 | 0.2        | 45   | 55  | 63   | 68  | 77 | 82  | 87  | 93  | 97  |
| 0.5          | 0.5 | 0.2        | 56   | 66  | 73   | 78  | 85 | 89  | 92  | 96  | 99  |
| 0.5          | 0.3 | 0.2        | 50   | 60  | 67   | 72  | 79 | 84  | 88  | 93  | 96  |
| 0.5          | 0.1 | 0.2        | 44   | 54  | 62   | 67  | 75 | 81  | 85  | 90  | 94  |
| 0.3          | 0.5 | 0.2        | 55   | 64  | 71   | 75  | 82 | 86  | 89  | 93  | 95  |
| 0.3          | 0.3 | 0.2        | 49   | 58  | 65   | 70  | 77 | 82  | 85  | 90  | 93  |
| 0.3          | 0.1 | 0.2        | 44   | 54  | 61   | 66  | 74 | 79  | 82  | 88  | 91  |
| 0            | 0   | 0          | 42   | 51  | 58   | 63  | 70 | 75  | 78  | 83  | 86  |
| BZ-class     |     |            | 5    | 4   | 4    | 4   | 4  | 4   | 4   | 3   | 3   |

See page 382 for design guide