

# PRODUCT DATASHEET

## LED Office Line Grid Curve 1.2m DIM 840 Black

LED Office Line Grid Curve | Dimmable UGR <19 LED office luminaire for ceiling and pendant mounting with a grid



### Areas of application

- Office lighting
- Home offices
- Indoor applications

### Product benefits

- Flexible mounting options
- Click-DIM: dimmable in three steps by repeated switching
- With a UGR value of <19, the luminaire meets the requirements for VDU workstations and reduces eye strain

### Product features

- Traditional design in a new modern look
- Lifetime up to 50,000 h
- Color temperature: 4,000 K
- Luminaire with included louver grid



## TECHNICAL DATA

### Electrical data

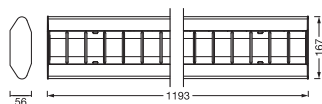
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 40.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 185.000 mA    |
| Inrush current                                              | 0.174 A       |
| Inrush current time $T_{h50}$                               | 980 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 11            |
| Max. number of luminaires per miniature circuit breaker C10 | 11            |
| Max. number of luminaires per miniature circuit breaker C16 | 18            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 15 %        |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 4000 lm    |
| Total luminous flux of contained light sources | 6000 lm    |
| Luminous efficacy                              | 100 lm/W   |
| Color temperature                              | 4000 K     |
| Light color (designation)                      | Cool White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | < 6 sdcm   |
| Flickering metric (Pst LM)                     | <1         |
| Stroboscope effect metric (SVM)                | <0.4       |
| Photobiological safety group acc. to EN62778   | RG1        |
| Beam angle                                     | 120 °      |
| UGR                                            | < 19       |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1193.00 mm |
| Width          | 167.00 mm  |
| Height         | 56.00 mm   |
| Product weight | 2370.00 g  |



OFFICE LINE GRID CURVE 1.2M  
DIM 840

### Materials & Colors

|                                            |          |
|--------------------------------------------|----------|
| Product color                              | Black    |
| Housing color                              | Black    |
| Body material                              | Aluminum |
| Cover material                             | Plastic  |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C   |
| Mercury content                            | 0.0 mg   |

### Application & Mounting

|                                        |                  |
|----------------------------------------|------------------|
| Ambient temperature range              | -20...+45 °C     |
| Temperature range at storage           | -20...+80 °C     |
| Type of connection                     | Terminal, 3-pole |
| Type of protection                     | IP20             |
| Protection class IK (shock resistance) | IK02             |
| Dimmable                               | Yes              |
| Mounting type                          | Surface          |
| Mounting location                      | Ceiling          |
| With light source                      | Yes              |
| Replaceable light source               | No               |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Number of switching cycles | 25000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

Additional product data

|                |                               |
|----------------|-------------------------------|
| Product remark | Available from September 2025 |
|----------------|-------------------------------|

EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                                           |
|------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------|
|  | User instruction / safety instructions | OFFICE LINE GRID CURVE User instruction                 |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG                      |
|  | Legal information                      | Safety insert G11219601                                 |
|  | Declarations of conformity             | Declaration of Conformity CE -Office Line Grid          |
|  | Declarations of conformity UKCA        | Declaration of Conformity UKCA - Office Line Grid curve |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854589683 | Folding box<br>1             | 62 mm x 171 mm x 1,388 mm            | 2761.00 g    | 14.72 dm³ |
| 4099854589690 | Shipping box<br>4            | 1,404 mm x 358 mm x 150 mm           | 12732.00 g   | 75.39 dm³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.