

PRODUCT DATASHEET

LED Office Line Grid Curve 1.2m DIM 840 Black

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

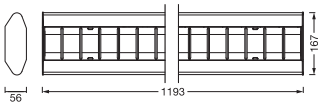
Nominal wattage	40.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	185.000 mA
Inrush current	0.174 A
Inrush current time T_{h50}	980 μ s
Max. number of luminaires per miniature circuit breaker B16	11
Max. number of luminaires per miniature circuit breaker C10	11
Max. number of luminaires per miniature circuit breaker C16	18
Power factor λ	> 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 ¹⁾
Number of switching cycles	25000

¹⁾ 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 1	62 mm x 171 mm x 1,388 mm	2761.00 g	14.72 dm³
4099854589690	Shipping box 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.

DISCLAIMER

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