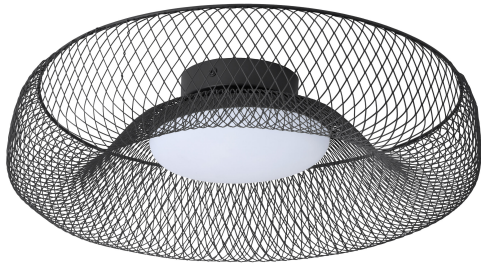


PRODUCT DATASHEET

Decor Mesh Ceiling 18.5W 830 Black

Decor Mesh | Decorative luminaires made of metal mesh with integrated LED



Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms

Product benefits

- High-quality look and feel
- Different types of luminaires with the same design language maintain a consistent style at home
- Easy mounting

Product features

- Housing material: metal
- Pendant and table luminaire combine metal grids with wood
- Textile cable
- High-power LED
- Color temperature: 3,000 K



TECHNICAL DATA**Electrical data**

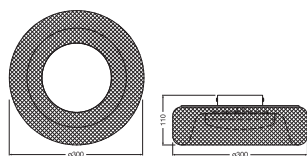
Nominal wattage	18.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	114.000 mA
Inrush current	0.114 A
Inrush current time T_{h50}	70 μ s
Max. number of luminaires per miniature circuit breaker B16	112
Max. number of luminaires per miniature circuit breaker C10	70
Max. number of luminaires per miniature circuit breaker C16	112
Power factor λ	0.70
Total harmonic distortion	< 70 %
Protection class	I
Operating mode	Mains voltage

Photometrical data

Luminous flux	1130 lm
Total luminous flux of contained light sources	1930 lm
Luminous efficacy	61.08 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	6 sdc _m
Flickering metric (Pst LM)	0,7
Stroboscope effect metric (SVM)	0,15
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °

Dimensions & Weight

Diameter	300.00 mm
Height	110.00 mm
Product weight	560.00 g



DECOR MESH CEILING 18.5W 830
BK

Materials & Colors

Product color	Black
Housing color	Black
Body material	Steel
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (T_a), t[h]: L80 / B10 @ 25 °C (T_a), t[h]: L90 / B10 @ 25 °C (T_a)




Certificates & Standards

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

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	DECOR MESH CEILING+PENDANT
	Declarations of conformity	LUM DECOR MESH
	Declarations of conformity UKCA	LUM DECOR MESH

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075847385	Folding box 1	148 mm x 342 mm x 343 mm	971.00 g	17.36 dm ³
4058075847392	Shipping box 3	458 mm x 358 mm x 368 mm	3934.00 g	60.34 dm ³

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.