

PRODUCT DATASHEET

FLOOR HOME OFFICE 43W 840 WT CH PLUG

FLOOR STANDING HOME OFFICE | Floor-standing luminaires for home office applications



Areas of application

- Home offices

Product benefits

- Functional LEDVANCE SCALE design
- High light uniformity and low glare light thanks to diffuser
- Energy saving
- Easy to install
- Plug-and-Play due to EU or CH plug
- 5 years guarantee

Product features

- Aluminium housing
- Stand-alone luminaires with direct (25 %) and indirect (75 %) light emission
- Direct/Indirect light controlled together
- Lifetime (L70/B50): 60,000 h (at 25 °C)



TECHNICAL DATA

Electrical data

Nominal wattage	43.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	55.000 mA
Inrush current	49 A
Inrush current time T_{h50}	304 μ s
Max. number of luminaires per miniature circuit breaker B16	28
Max. number of luminaires per miniature circuit breaker C10	30
Max. number of luminaires per miniature circuit breaker C16	46
Power factor λ	0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	5600 lm ¹⁾
Luminous efficacy	130 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 3 sdc _m
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	60 ° x 35 °
UGR	≤ 23

¹⁾ Direct luminous flux 1850 lm / Indirect luminous flux 3750 lm

Dimensions & Weight

Length	830.00 mm
Width	400.00 mm
Height	1950.00 mm
Product weight	19200.00 g

Cable length	1500 mm
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FLOOR STAND 58W

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	0...+35 °C
Type of connection	Plug type J (CH)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	Push DIM
Mounting type	Standing
Mounting location	Floor
Application environment	Indoor
Adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	60000 h ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	35000 h
Number of switching cycles	50000

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

Control gear

Output current	1050 mA
ECG - Output ripple current	< 5 %

Certificates & Standards

Standards	CE
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	UI Floor Home Office
	Legal information	LS Insert Floor Home Office
	Legal information	Informationstext 18 Abs 4 ElektroG
	Declarations of conformity	CE Declaration FLOOR HOME OFFICE 43W

Photometric and lighting design files		Document name
	IES file (IES)	FLOOR HOME OFFICE 43W 840 WT CH
	LDT file (Eulumdat)	FLOOR HOME OFFICE 43W 840 WT CH
	ULD file (DIALux)	FLOOR HOME OFFICE 43W 840 WT
	ROLF file (RELUX)	FLOOR HOME OFFICE 43W 840

CAD/BIM files		Document name
	CAD STEP 3D	FLOOR HOME OFFICE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075612792	Shipping box 1	1,180 mm x 430 mm x 277 mm	21512.00 g	140.55 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.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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