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TECHNICAL CARD



LED Rechargeable Desk Lamp











USB - DC

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VIDEX VL-TF16W White

Electric shock protection class

Displacement factor ($\cos \phi 1$)

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Input interface

Survival factor













Free















CCT 5000K

IP20

Photometric parameters

Luminous flux	250 Lm
Correlated color temperature	5000K (neutral white), 4000K (neutral white), 3000K (warm white), 1800K (warm white)
Beam angle	120°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	30000 h
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%
Flicker metric (Pst LM)	-
Stroboscopic effect metric (SVM)	-
Colour consistency in MacAdam ellipses (SDCM)	<6 (1800K), <6 (3000K), <6 (4000K), <6 (5000K)
CRI Min	Ra 80
CRI Max	Ra 88

WARRANTY 2 YEARS

General parameters

Control gear replaceable	yes
Light source replaceable	no

Type of light source

Dimmable	yes
Directional (DLS) or non-directional (NDLS) light source	NDLS
Connected light source (cls)	no
Color-tunable light source	no
Mains (MLS) or non-mains (NMLS) light source	NMLS
Technology	LED

Electrical parameters

On-mode power (Pon)	5 W
Rated voltage, frequency	DC 5 V
Rated current	1 A

Additional information

Place of installation	Desk



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Place of application	indoor
Housing colour	White
Ultraviolet radiation	no
Operating temperature range	-10° +40°C
Battery type	Li-ion
Battery capacity	2600 mAh
Battery replaceable	yes
Mercury content	Does not contain
Ingress protection	IP20
Housing material	ABS



EAN	4820246484039
In the package	1 pc.
Height	343 mm
Outer box	16 pcs.
Width	150 mm
Depth	150 mm
Unit nett weight	700g

Signs marking goods

Packaging marking	Recycling of waste, CE,
. ackaging marking	Utilization







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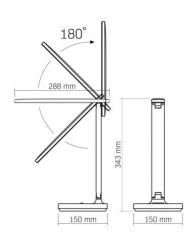
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VIDEX VL-TF16W White

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The product must be used indoors



Class III protection against electric shock - ensured by supplying a specific product with a safe very low voltage (SELV) without the risk of creating a voltage above safe levels



Waste recycling after the end of the product's service



The product meets the requirements of EU directives



It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste



Rated beam angle



Ra > 80 - color rendering index



Rated On/off cycles



Nominal lifetime (hours)





The product does not emit ultraviolet light



The product supports brightness adjustment



Operating temperatures range



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)





Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



The product does not contain mercury



Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture

Date: 21.11.2025