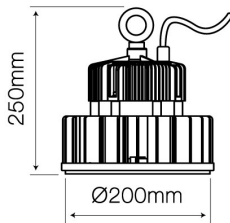Product code: 249914   EAN: 5901583249914

LED line® UFO T-Series 220-240V AC 100W 13000LM 4000K 90°

Product description

High luminous efficacy is ensured by the use of high quality LUMILEDS branded LEDs. FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight. This product has been contrued with the use of high quality LIFUD branded driver. Manufacturer issues a 5-year warranty for this product. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

250mm
Ø200mm

LiFud DRIVER — This product has been contrued with the use of high quality LIFUD branded driver.	**5-year warranty** — Manufacturer issues a 5-year warranty for this product.
*.IES — Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.	**flicker free*** — FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight.
	LED provided by LUMILEDS — High luminous efficacy is ensured by the use of high quality LUMILEDS branded LEDs.
130 lm / W	**IP 65** — IP protection rating
50000 h L70B50 — Lifespan	**voltage 220-240 AC** — Voltage range and voltage type
Ø 200 mm — Lamp's diameter	**90 °** — Beam angle
polycarbonate — Material (cover)	**Aluminium** — Material (housing)
SMD3030 — LED type	**144** — LED quantity
PF 0,95 — Power Factor	**ON OFF 50000** — Number of on/off cycles
MAX -40 ÷ 45 — Ambient temperature suitable for operation	**I** — IEC protection class
IK 08 — IK protection rating	

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	4000 K
Wattage	100 W
Luminous efficacy	130 lm/W
Luminous flux	13000 lm
Energy efficiency class 2019/2015	D
Colour consistency in McAdam ellipses	≤6
IP protection rating	65
Warranty (years)	5
Dimmable function	No
Survival factor	0.9
Stroboscopic effect metric SVM	0.4
Lifetime L70B50	50000
Flicker Free	YES

Name of the parameter	Value
Supply voltage range and voltage type	220-240 AC
Frequency of the supply voltage	50/60Hz
Colour rendering index Ra	80
Colour	black
The lumen maintenance factor	96
Lamp's diameter	200
Beam angle	90 °
Material (cover)	polycarbonate
Material (housing)	aluminum
LED type	SMD3030
LED quantity	144
LED manufacturer	Lumileds
Lifespan	50000
Power Factor	0,95
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	`-40 ÷ 45 °C
For indoor and outdoor use	YES
IEC protection class	I
IK protection rating	08
Full box quantity	1 pc
Lamp's warm-up time to 60%	1
Height	250 mm
Product weight with packaging (g)	3100 g
Master carton weight (kg)	31
EPREL ID	632050
Date of first placement on the market	2019-10-01
Flicker metric PstLM	1
Energy class	A+
Displacement factor Df	0.95
Angle for useful luminous flux (EPREL)	Wide cone of 120 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	DLS
Is this product a light source? (EPREL)	Yes
Mains or non- mains light source (EPREL)	MLS
Chromaticity coordinates x i y (EPREL)	0.38|0.377
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
Peak luminous intensity (EPREL)	6369 cd
R9 colour rendering index value (EPREL)	9
Total luminous flux (EPREL)	13000
On-mode power Pon (EPREL)	100
Useful luminous flux Φuse (EPREL)	12200
Beam angle in degrees (EPREL)	90
Product code	249914

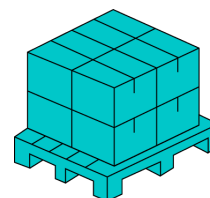# Luminous [cd/klm]
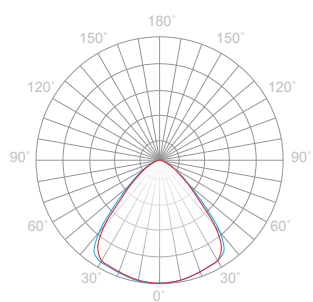
C0 - C180   **C90 - C270**

Pre-packaging
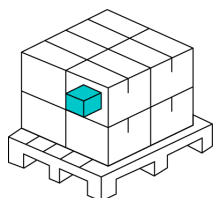
Width [mm]	**270**
Height [mm]	**215**
Length [mm]	**270**
Weight [kg]	**3,16**

Cumulative packaging
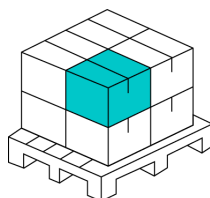
Number of pieces	**1**
Width [mm]	**270**
Height [mm]	**215**
Length [mm]	**270**
Weight [kg]	**3,16**
Volume [m3]	**0,015**

Europallet

Number of pieces	**56**
Bulk quantity	**56**
Weight [kg]	**176,96**
Weight [kg]	**176,96**
Pallet height [mm]	**1649**
Quantity in 1 layer	**8**
Number of layers	**7**