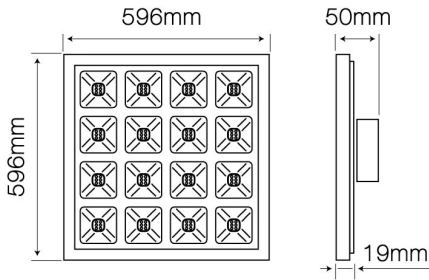


code: 244193 EAN: 5901583244193

LED line® Panel DIORA 15-36W 4000K 2250-5040lm square



This product's power is 15-36 W and its light's colour temperature is 4000 K. This item is equipped with diodes of the following type: SMD2835. This item achieves luminous efficacy of 150-140 lm/W. This item achieves a luminous flux of 2250-5040 lm. The LED's beam angle is 75 °.

The supply voltage range suitable for this item is 220-240 AC.

The ingress protection rating for this item is IP20. The safety and vision comfort is guaranteed by the low UGR rating UGR<16

The item's high resistance to mechanical damage is guaranteed by the use of dedicated material which the diffuser/cover is made of -

The Ra colour rendering index is 80.

The lifespan of each single diode which this item is equipped with is over 50000. The power factor is PF> 0,9. The number of on/off cycles is 50000.

The diffuser is made of: The Energy class is A++.

The IEC protection class is: I.

The Multi Power Driver, which the product is equipped with, allows the user to alter the light output range using dedicated DIP switches. The alteration range is very wide. The user can choose from 8 different configurations. The control range starts with a power output of 15W (luminous flux of 2250lm, luminaire's efficacy of 150lm/W) and can be altered up to 36W, achieving the luminous flux of 5040lm with a luminaire's efficacy at 140 lm/W.



Product with low glare factor which improves user's safety and comfort.



FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight.



Manufacturer issues a 5-year warranty for this product.



Voltage range and voltage type



Ambient temperature suitable for operation



LED type



Product equipped with optics focusing the beam angle of the light. The product's optics allow the beam of light to be directed to the location of user's choice.



Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.



Beam angle



The included Multi Power Driver allows you to adjust the light output range using the DIP switch. The adjustment range is very wide and allows the user to easily choose from 8 different configurations. The adjustment ranges from 15W power (2250lm at 150lm/W) to 36W when the luminaire provides 5040lm, keeping the efficacy at 140 lm/W.



Lifespan

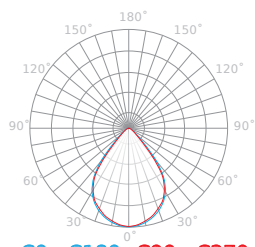


LED quantity

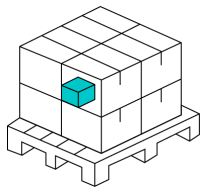
Parameter	Value
Luminous efficacy	150 lm/W
Power	15-36 W
Colour of the light	White
Energy efficiency class 2019/2015	D
Luminous flux	2250-5040 lm
Correlated colour temperature	4000 K
Colour consistency in McAdam ellipses	≤6
IP protection rating	20
Warranty (years)	5
Dimmable function	No
Survival factor	0.9
Lifetime L70B50	54 000
Multi Power Driver	Multi Power Driver
Supply voltage range and voltage type	220-240 AC
Frequency of the supply voltage	50/60Hz
Colour rendering index Ra	80
Colour	white
The lumen maintenance factor	96
Beam angle	75°
Material (housing)	Metal
LED type	SMD2835
LED quantity	96
Power Factor	0,9
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6

Parameter	Value
Ambient temperature suitable for operation	-5 ÷ 40 °C
For indoor use	Inside
IEC protection class	I
Full box quantity	2 pc
Lamp's warm-up time to 60%	1
Length	596 mm
Width	596 mm
Height	19 mm
Product weight with packaging (g)	2910 g
Master carton weight (kg)	5,82
EPREL ID	632195
Date of first placement on the market	01.05.2021
Energy class	A++
Angle for useful luminous flux (EPREL)	Narrow cone of 90 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
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	13
Total luminous flux (EPREL)	5 040
On-mode power P_{on} (EPREL)	36
Useful luminous flux Φ_{use} (EPREL)	4 450
Beam angle in degrees (EPREL)	75

Luminous [cd/klm]

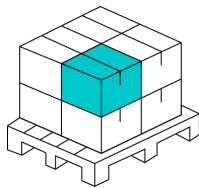


Single packaging



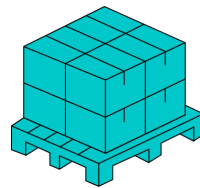
60
610
615
2,8
1

Bulk packaging



2

Europallet



10