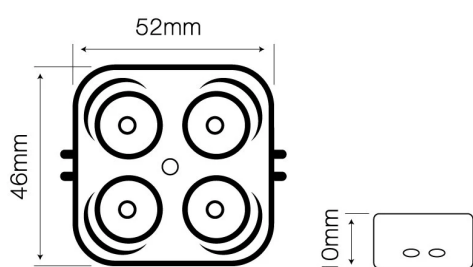


code: 243431 EAN: 5901583243431

LED line® module OPTO 4x SMD2835 12V 6500K 3W



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



High luminous efficacy ensured by high quality OSRAM branded LEDs.



For indoor and outdoor use



Voltage range and voltage type



Material (housing)



Lifespan



IP protection rating



This product is featured by a high degree of IP protection, which makes it suitable for a broader range of lighting applications and offers high safety of use.



Manufacturer issues a 7-year warranty for this product.



Beam angle



Ambient temperature suitable for operation



LED type



LED quantity

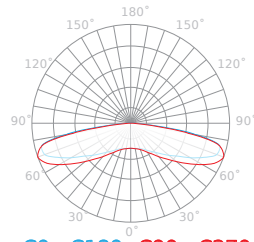
Parameter	Value
Luminous efficacy	95 lm/W
Power	3 W
Colour of the light	White
Energy efficiency class 2019/2015	F
Luminous flux	285 lm
Correlated colour temperature	6500 K
Colour consistency in McAdam ellipses	≤6
IP protection rating	65
Warranty (years)	7
Dimmable function	PWM
Survival factor	0.9

Parameter	Value
Ambient temperature suitable for operation	-40÷55 °C
For indoor and outdoor use	YES
Lamp's warm-up time to 60%	1
Length	45 mm
Width	45 mm
Height	5 mm
Product weight with packaging	25 g
Master carton weight (kg)	1,5
EPREL ID	632 193
Energy class	A++
Angle for useful luminous flux (EPREL)	Sphere 360 degrees

Lifetime L70B50	70 000
Supply voltage range and voltage type	12 VDC
Colour rendering index Ra	80
The lumen maintenance factor	96 %
Beam angle	170 °
Material (housing)	PVC
LED type	SMD2835
LED quantity	4
Compatible dimmer type	PWM
Lifespan	70000
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6

Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	NDLS
Is this product a light source? (EPREL)	Yes
Mains or non- mains light source (EPREL)	NMLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	20
Total luminous flux (EPREL)	285
On-mode power $P_{on}$ (EPREL)	3
Useful luminous flux $\Phi_{use}$ (EPREL)	285
Beam angle in degrees (EPREL)	170

Luminous [cd/klm]



C0 - C180 C90 - C270

Single packaging



Width	250 mm
Height	230 mm
Length	350 mm
Weight	8 kg
	1

Bulk packaging



Outer box quantity	100 pcs.
	80
Width	370 mm
	260
Length	520 mm
Weight	8 kg
Volume	0,5 m <sup>3</sup>
	230

Europallet



Weight of a euro pallet	1
	24
	192 mm
	1800
	4
	6