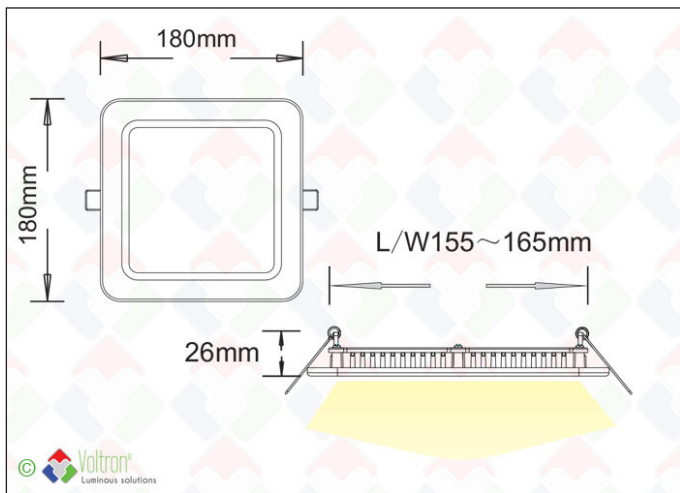


The Flat Square



TFS-180-WW-24V

The Flat Square by VOLTRON® is a round dimmable LED-downlighter for installation in false ceilings with ultra thin and light housing (only 26mm high!). ALU housing with lateral cooling fins for optimal cooling and long lifespan of the light output. The fixation in the ceiling is done with high-quality springs with extra protective rubbers. Electric connection is done with DC male/female connectors for very fast installation. The diffuse PC light surface ensures a smooth light distribution. This downlighter is also perfect suitable as a wall or floor lighting. TYPE TFS-180x180-WW : 180x180mm - 17W - 1401Lm - 2700K - IP52 class - MacAdam 3 - white - HEIGHT = 26mm (!) - L80 >54.000h. Connectable to Meanwell power supplies (IP67) with constant voltage (not included). Warranty = 5 years.



CCT
2700K

WATT
17W

IP
52

Lumen
1401Lm

CRI Ra
>85

UGR
<19

Lx T_a 25°C
L80 >54.000

MacAdam
3

18CM

18CM

IK
03

X

DIMMABLE
V

GARANTIE
5

Technical data

Productnumber	Barcode	CCT	IP value	Led chip
TFS-180-WW-24V	LH-1097	2700K	52	SMD2835
Voltage	Wattage	Length	Width	Thickness
24V	17W	18CM	18CM	2,6CM
Punch hole	Finish color	CRI	Lxx @Ta=25°C	UGR
15,5~16,5CM	White	>85	L80 >54.000	<19
MacAdam	IK	Spread angle	Lumen	Dimmable
3	03	120°	1401Lm	V
Driver included	Cable length	Constant voltage	Packed per	
X	31CM+33CM	V	2	

Specification text*

Highly efficient square dimmable LED downlight for installation in false ceilings with an ultra thin and light housing. White aluminum visible outer housing with cooling fin structure for optimum long-term operation. At the rear with removable high-quality ALU plate to promote the firmness and accelerated cooling of the LEDs. Fixation in the ceiling is done with 2 spring clips with plastic covered against cutting. Electric connection using DC male / female connectors for very fast assembly. The panel has 84 LEDs type Epistar SMD2835. Light control via opaque opal optic from PC for glare protection and maximum luminaire efficiency. Panel can also serve as wall or floor lighting. Dimensions 180x180mm, thickness 26mm and a weight of just 359gr. Generates 17W and 1401lm at 24V and a light color 2700K (white). IP52 class. IK 03, MacAdam 3, L80 >54.000, UGR <19. Extremely suitable for office spaces, meeting rooms, showrooms, shops, corridors, toilets and classrooms. Can be connected to Meanwell power supplies (IP67) with a constant voltage. With a color rendering index of > 85. Equipped with photo metric report and IES file for elaboration in DIALux.

* Available on the website

Photometric diagram



Areas of application

Shops and showrooms / Toilets / Corridors / Installation vertically into walls as ground or wall lighting / Integration into false, gyproc or fixed ceilings / Private homes / Shipbuilding

Extra information

All information, specification texts, photos, technical drawings, connection diagrams, photometric .LDT files can be found via this clickable direct link: https://www.voltron-lighting.com/product/EN/56/1097/The_Flat_Square--TFS-180-WW-24V or can be requested through your contact person.

Direct link website



Product barcode



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