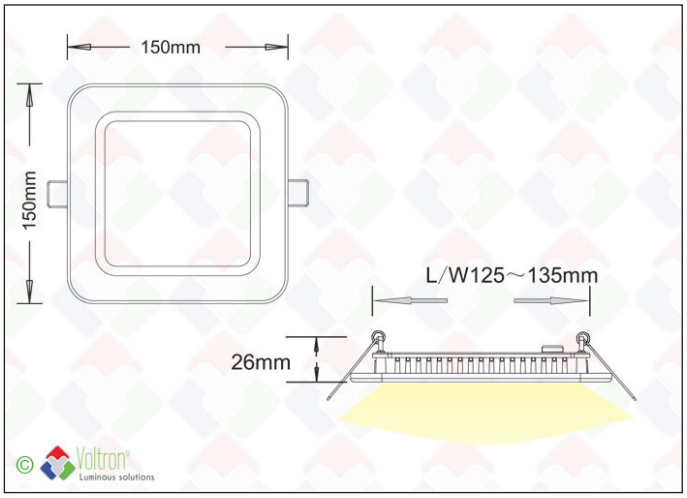
The Flat Square



TFS-150-DW-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-150x150-DW : 150x150mm - 11W - 829Lm - 4000K - 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	WATT	IP	Lumen	CRI Ra	UGR	Lxx Ta 25°C
4000K	11W	52	829Lm	>85	<19	L80 >54.000

MacAdam			IK		DIMMABLE	GARANTIE
3	15CM	15CM	03	X	V	5

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Technical data

Productnumber	Barcode	CCT	IP value	Led chip
TFS-150-DW-24V	LH-1130	4000K	52	SMD2835
Voltage	**Wattage**	**Length**	**Width**	**Thickness**
24V	11W	15CM	15CM	2,6CM
Punch hole	**Finish color**	**CRI**	**Lxx @Ta=25°C**	**UGR**
12,5~13,5CM	White	>85	L80 >54.000	<19
MacAdam	**IK**	**Spread angle**	**Lumen**	**Dimmable**
3	03	120°	829Lm	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 56leds 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 150x150mm, thickness 26mm and a weight of barely 259gr. Generates 11W and 829lm at 24V and a light color 4000K (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

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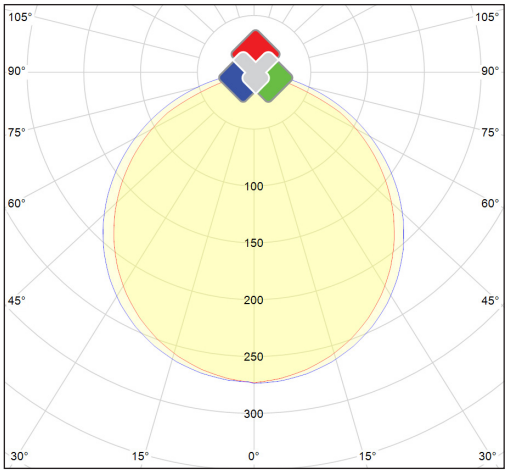
Photometric diagram



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/56/1130/The_Flat_Square--TFS-150-DW-24V**
or can be requested through your contact person.

Direct link website

Product barcode

LH-1130

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