



Fenestra 24V

Luminaire for outdoor use for installation in a window compartment.

Description

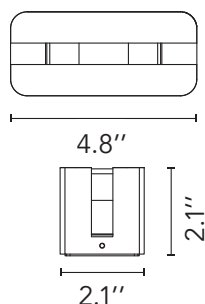
Thanks to its compact shape, Fenestra integrates with the structure of the window sill, adapting to the angles and to every specific installation condition, with a light that marks the entire perimeter of each and every space in a precise, controlled manner, highlighting volumes and without contaminating the surrounding spaces with light.



Lamp

Lamps Type	LED
Wattage	4W
Initial Lumens	274 lm, 304 lm, 334 lm
Color Temperature	2700, 3000K, 4000K
Color rendering	CRI80

Dimensions



Optical

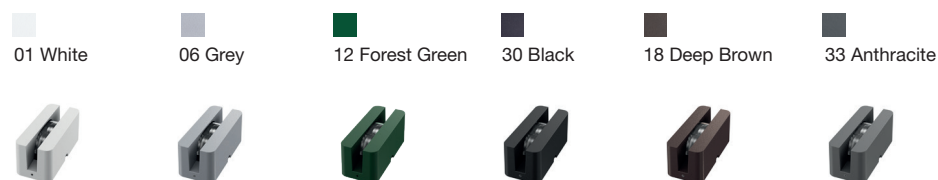
Beam Angle	151° - 10°
Lighting Type	Direct
Light Distribution	Asymmetric

Physical

Material	Aluminum
Aiming	Fixed
Weight	1.1 Pounds
Ingress Protection Rating	IP65

Finishes

Painted lacquer



Certifications



Suitable for Wet locations

Photometrics

For current IES files please visit professional.flos.com/en-US/us/

Warranty

2 years from date of sale.

Installation type	Surface Mounted
Environment	Outdoor / Wet location



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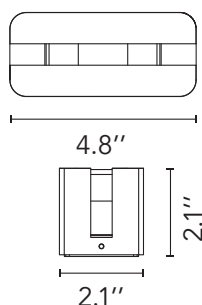
Electrical & Control

Input fixture Voltage	24V
Control	Non Dimmable
Driver	Remote Class 2
Input Driver voltage	120V-277V
Output Driver voltage	24V

Performance

Maximum delivered output	165lm, 183lm, 201lm
Efficacy	56.3 lm/W

Dimensions



Notes

Recommended connections for in-ground installations with a 2-way terminal block 4 pole IP68 H2O Stop on 24V side. Not supplied by FLOS, to be ordered separately.

All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts, should be used on all line-voltage connections to avoid syphoning moisture to electrical components.

Painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

Certifications



Class 2

Photometrics

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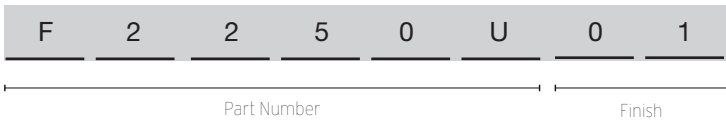
Warranty

2 years from date of sale.

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How to specify

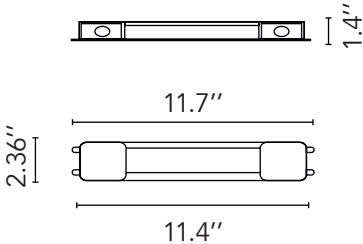
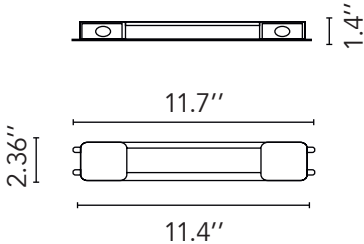
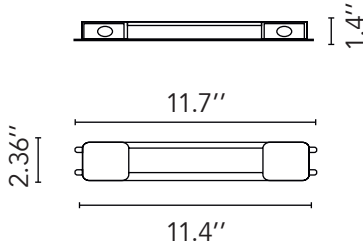


Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Photometrics
F2250U01	 White	2700	4W	274	165	151°-10°	80	

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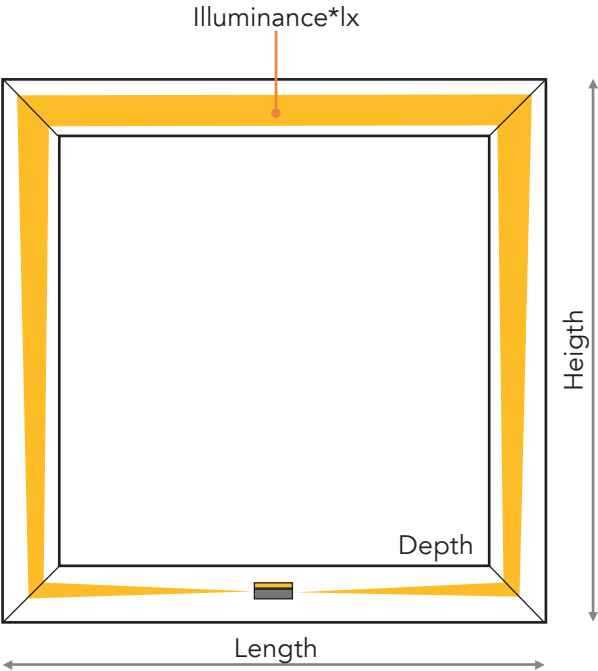
Drivers

LED Driver, 24VDC, 96W, Non-Dimming, 120-277V	LED Driver, 24VDC, 60W, Non-Dimming, 120-277V	LED Driver, 24VDC, 30W, Non-Dimming, 120-277V
LEDSB96W24V-NDM-D1	LEDSB60W24V-NDM-D1	LEDSB30W24V-NDM-D1
		
		

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How to specify



Depth fixed@ 300 mm;
Luminaire positioned in the middle of the window depth

Value	Lenght	Height	Illuminance*lx U (lx min/lx med)
✓ Correct values	900mm	900mm	165 0,25
✓ Correct values	1200mm	1200mm	111 0,33
✓ Correct values	1200mm	1600mm	77 0,55
✓ Correct values	1600mm	1600mm	70 0,47
— Limit values	2000mm	2000mm	48,5 0,54
↓ Low values*	2500mm	2500mm	32,5 0,60
↓ Low values*	3000mm	3000mm	23,2 0,63

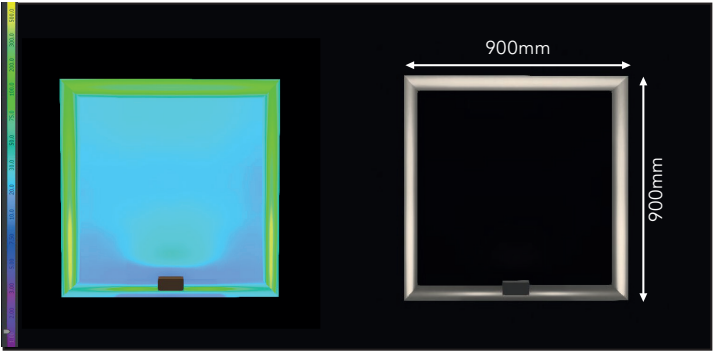
Low values* = to be evaluated based on the project

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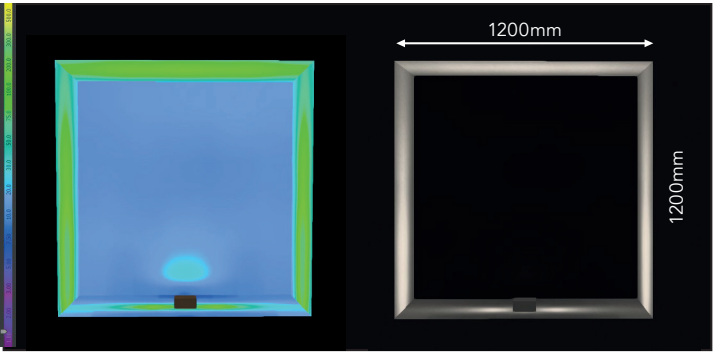
Luminaire for outdoor use for installation in a window compartment.

Lighting Calculation - Correct Values ✓

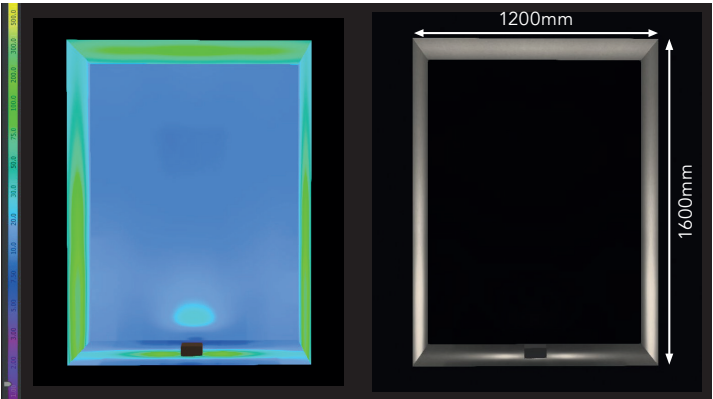
Depth fixed@ 300 mm; Luminaire positioned in the middle of the window depth.



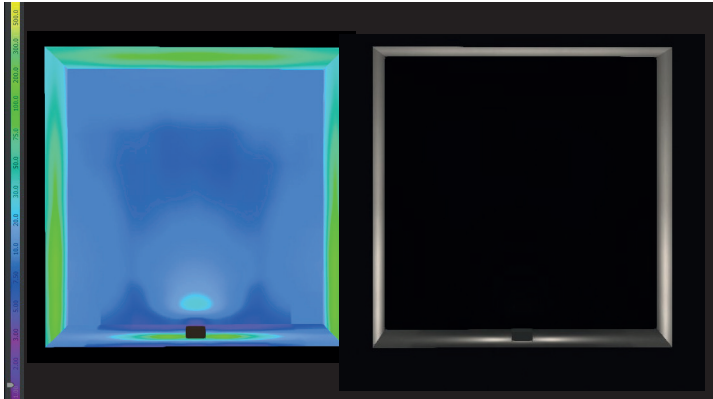
Value	Lenght	Height	Illuminance*lx U (lx min/lx med)
✓ Correct value	900mm	900mm	165 0,25



Value	Lenght	Height	Illuminance*lx U (lx min/lx med)
✓ Correct value	1200	1200	111 0,33



Value	Lenght	Height	Illuminance*lx U (lx min/lx med)
✓ Correct value	1200mm	1600mm	77 0,55



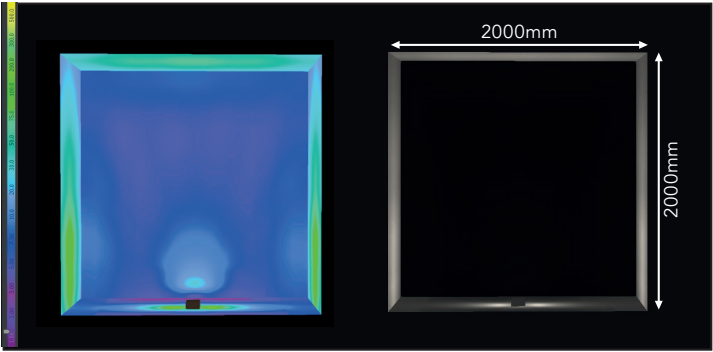
Value	Lenght	Height	Illuminance*lx U (lx min/lx med)
✓ Correct value	1600mm	1600mm	70 0,47

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Luminaire for outdoor use for installation in a window compartment.

Lighting Calculation - Limit Values

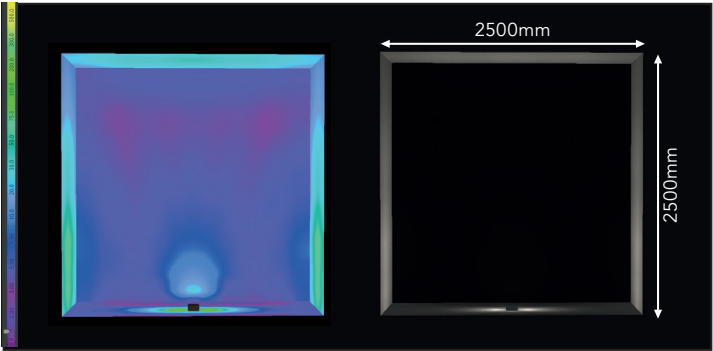
Depth fixed@ 300 mm; Luminaire positioned in the middle of the window depth.



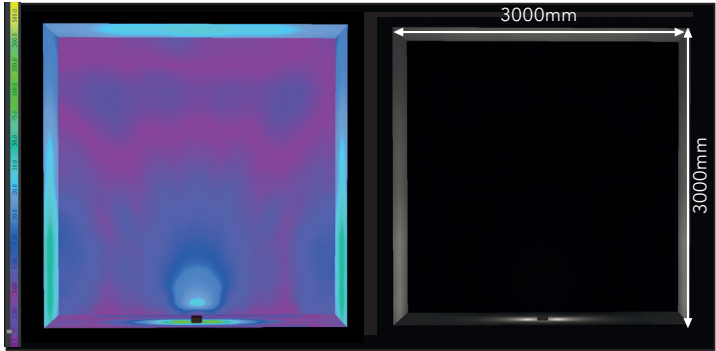
Value	Lenght	Height	Illuminance*lxU (lx min/lx med)
Limit values	2000mm	2000mm	48,5 0,54

Lighting Calculation - Low Values

Depth fixed@ 300 mm; Luminaire positioned in the middle of the window depth.



Value	Lenght	Heigh	Illuminance*lxU (lx min/lx med)
Low values*	2500mm	2500mm	32,5 0,60



Value	Lenght	Height	Illuminance*lxU (lx min/lx med)
Low values*	3000mm	3000mm	23,2 0,63

Low values* = to be evaluated based on the project

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Lighting Calculation - Correct Values ✓

In case of RIBBON WINDOWS: ideal interdistance between luminaires about 1600 mm

Depth fixed @ 300 mm; Luminaire positioned in the middle of the window depth:

