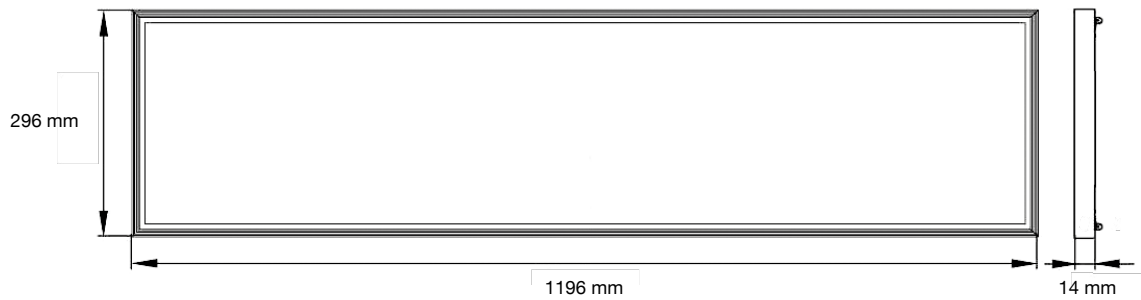


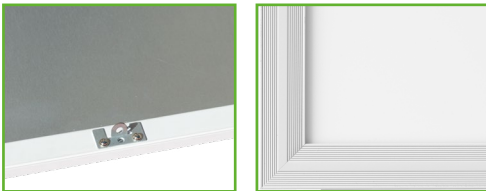


# VegaLED P4

Dimmable Light Panel



## Details



## Applications

The i-save VegaLED Panels are efficient and sustainable light solutions for various application areas such as: offices, hospitals, schools, clinics, administrative buildings and many more.

They can be easily inserted into existing ceiling grids.

## Features and benefits

- 2 year warranty
- minor electricity consumption
- on / off operation
- mercury free
- dimmable
- L80 rated for 50.000 hrs @ 25°C ( $\leq 20\%$  lumen depreciation)

**CE** **RoHS** **IP20**  
Compliant

## Construction

Housing:	Aluminium
Diffusor:	PMMA/PS
Finish:	white (RAL 9016)
Mercury Content:	0,0 mg

## Weight

Fixture weight:	5,2 kg
Shipping weight:	7,0 kg

## Packing Dimensions

126,5 x 36,5 x 12,5 cm

## Photometric Information

LED:	Osram
CRI:	> Ra 80
CCT:	4000 K
Eulumdat Files (.dt):	available on request
IESNA LM79 files (.ies):	available on request
Lamp Efficiency:	83 lm/W
Beam Angle:	112°
Luminous Flux:	4619 lm

## Dimming Features

1 - 10 V analog  
DALI (optional)

## Electrical Specifications

Operating Voltage:	100-240 V, 50/60 Hz
Power:	50 W
Power Supply:	external (included)
Operating Temperature:	+5°C... +50°C
Protection Class:	III
Mechanical Rating:	IP20
Lifetime L80:	50.000 Hrs.
Energy Efficiency Class:	A+

## Ordering Codes

Order number	Name of product	Lumen	Beam Angle	Dimming	CCT	LED Power	PS Power
VG0534X11240W-P4	VegaLED 50 P4	4619 lm	112°	1 - 10 V / Dali	4000 K	50 W	3 W

## Planning data

All calculations are based on ceiling mounting with following standards:

Ceiling height: 3 m  
 Measuring plane: ground level  
 Ceiling: 0,70  
 Wall: 0,50  
 Floor: 0,20

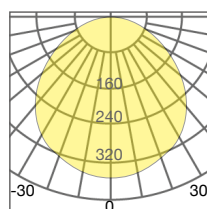
### VegaLED 50 P4 53 W 4619 lm 112° 840 (4000 K)

Connected load	53 W			
Connected load per 100 lx	2,72 W/m <sup>2</sup>			
Number of luminaires per 100 lx	1,94 1/100 m <sup>2</sup>			
Number of luminaires per 100 m <sup>2</sup> for	100 lx	200 lx	300 lx	500 lx
	4	6	9	15
Grid	2 x 2	3 x 2	3 x 3	3 x 5
Luminous Flux En (lx)	143	210	308	505

Operating Time (Std.)	2.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000
LLMF Vega	0,98	0,97	0,92	0,90	0,88	0,85	0,84	0,82	0,82	0,81	0,80
LSF	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00

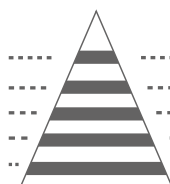
LLMF Lamp Lumens Maintenance Factor  
 LSF Lamp Survival Factor

## Luminous Intensity Distribution



VG0534X11240W-P4

H	Eavg / Emax	Diameter
1,0 m	1452 / 2049 lux	213 cm
1,5 m	705 / 910 lux	319 cm
2,0 m	409 / 512 lux	426 cm
2,5 m	265 / 328 lux	532 cm
3,0 m	186 / 228 lux	639 cm





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