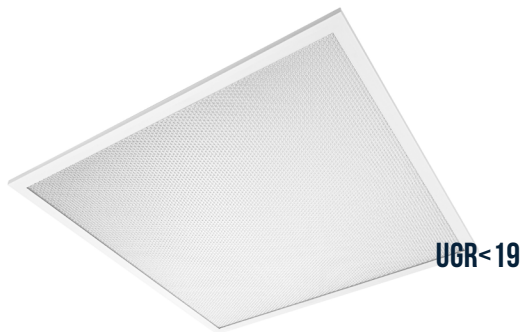


# ESSENCE G2 UGR<19 LED PANEL

**PRAGMALUX**  
PROFESSIONAL LIGHTING



## KEY FEATURES

- Professional LED panel
- Pragmalux Driver, Philips Xitanium Driver, Osram Driver & DALI Driver Optional
- Available version : 60x60cm and 30x120cm
- Flicker-free
- Efficiency up to 125 lm/W
- Long lifetime 76,000 hours
- Included driver with fast-connector (except for DALI version)
- Complete range of accessories
- 5 year Pragmalux Warranty

IP20 IK02  650° GWT 125 LM/W  90° 

**5** PRAGMALUX  
YEAR  
WARRANTY

## DETAILS



30X120 version



Fast connector

## OPTIONS

**EM** **GST**  
1 HOUR 18i3/5  
3 HOUR

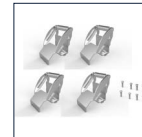
## ACCESSORIES



Surface KIT  
4607764  
4607771



Pendel KIT  
4607795



Clips KIT  
4607788



Security cable  
4607801



Emergency unit

## SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	CRI	INPUT CURRENT	LIFETIME L80B10	EQUIVALENT	BEAM ANGLE
4607870	LED Panel Essence G2 34W 600 3000K UGR<19 Incl. Driver	34	4100	120	3000	≥80	0.17	76000	4x18W FL	90°
4607887	LED Panel Essence G2 34W 600 4000K UGR<19 Incl. Driver	34	4250	125	4000	≥80	0.17	76000	4x18W FL	90°
4607894	LED Panel Essence G2 34W 1200 3000K UGR<19 Incl. Driver	34	3900	115	3000	≥80	0.17	76000	2x36W FL	90°
4607900	LED Panel Essence G2 34W 1200 4000K UGR<19 Incl. Driver	34	4100	120	4000	≥80	0.17	76000	2x36W FL	90°
4607917	LED Panel Essence G2 32W 600 3000K UGR<19 Incl. Philips Driver	32	3600	113	3000	≥80	0.17	76000	4x18W FL	90°
4607924	LED Panel Essence G2 32W 600 4000K UGR<19 Incl. Philips Driver	32	3850	120	4000	≥80	0.17	76000	4x18W FL	90°
4607931	LED Panel Essence G2 32W 1200 3000K UGR<19 Incl. Philips Driver	32	3600	113	3000	≥80	0.17	76000	2x36W FL	90°
4607948	LED Panel Essence G2 32W 1200 4000K UGR<19 Incl. Philips Driver	32	3850	120	4000	≥80	0.17	76000	2x36W FL	90°
4607955	LED Panel Essence G2 33W 600 3000K UGR<19 Incl. Philips Dali	33	3950	121	3000	≥80	0.17	76000	4x18W FL	90°
4607962	LED Panel Essence G2 33W 600 4000K UGR<19 Incl. Philips Dali	33	4125	125	4000	≥80	0.17	76000	4x18W FL	90°
4607979	LED Panel Essence G2 34W 1200 3000K UGR<19 Incl. Philips Dali	34	3900	115	3000	≥80	0.17	76000	2x36W FL	90°
4607986	LED Panel Essence G2 34W 1200 4000K UGR<19 Incl. Philips Dali	34	4100	120	4000	≥80	0.17	76000	2x36W FL	90°
1000312	LED Panel Essence G2 21-30W 1200 3000K UGR<19 Incl. Osram Driver	21-30	2550-3450	121-115	3000	≥80	0.5 - 0.7	76000	4x18W FL	90°
1000329	LED Panel Essence G2 21-30W 1200 4000K UGR<19 Incl. Osram Driver	21-30	2600-3600	124-120	4000	≥80	0.5 - 0.7	76000	4x18W FL	90°
1000299	LED Panel 60x60cm Essence G2 21-30W 600 3000K UGR<19 Incl. Osram Driver	21-30	2550-3450	120-115	3000	≥80	0.5 - 0.7	76000	2x36W FL	90°
1000305	LED Panel 60x60cm Essence G2 21-30W 600 4000K UGR<19 Incl. Osram Driver	21-30	2600-3600	122-120	4000	≥80	0.5 - 0.7	76000	2x36W FL	90°

## TECHNICAL DATA

ELECTRICAL DATA	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.95 (Pragmalux driver)
	≥0.90 (Philips driver)
	≥0.98 (Osram driver)
Operating mode	External LED Driver
Electrical connection	Max 2x2,5 mm² wire
Total harmonic distortion	≤ 20 %

## CERTIFICATES & STANDARDS

Driver certificates	CE / ENEC
Fixture certificates	CE
Ingress protection	IP20
Protection class	II
Protection class IK	02
Glow Wire Test ( IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG0

## PRAGMALUX

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Version: January 2021

Page 1/2

# ESSENCE G2 UGR<19 LED PANEL

## TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
Operating temperature	-15 ~ +45°C
Storage temperature	-20 ~ +60°C

## COLORS & MATERIALS

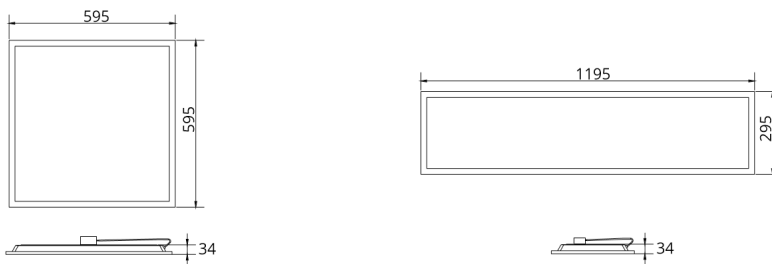
Color ( Housing)	White RAL9003
Material ( Housing)	Steel
Material ( Reflector)	PC

## CAPABILITIES

UGR	≤19
Dimmable	No / DALI
Type of connection	Push Terminal, 2-pole
LED Module replacable	No
Installation	Through-wiring possible Loop in Loop out

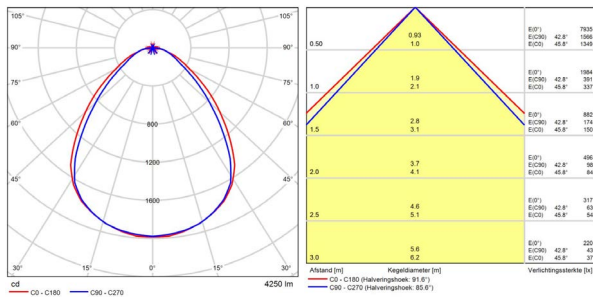
ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5,000H	INRUSH CURRENT IPEAK (A)	INRUSH CURRENT TWIDTH (µs)	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX. NO. OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
4607870	LED Panel Essence G2 34W 600 3000K UGR<19 Incl. Driver	≤1%	13	254	22	35	36	54
4607887	LED Panel Essence G2 34W 600 4000K UGR<19 Incl. Driver	≤1%	13	254	22	35	36	54
4607894	LED Panel Essence G2 34W 1200 3000K UGR<19 Incl. Driver	≤1%	13	254	22	35	36	54
4607900	LED Panel Essence G2 34W 1200 4000K UGR<19 Incl. Driver	≤1%	13	254	22	35	36	54
4607917	LED Panel Essence G2 32W 600 3000K UGR<19 Incl. Philips Driver	≤1%	5.27	52	42	68	70	115
4607924	LED Panel Essence G2 32W 600 4000K UGR<19 Incl. Philips Driver	≤1%	5.27	52	42	68	70	115
4607931	LED Panel Essence G2 32W 1200 3000K UGR<19 Incl. Philips Driver	≤1%	5.27	52	42	68	70	115
4607948	LED Panel Essence G2 32W 1200 4000K UGR<19 Incl. Philips Driver	≤1%	5.27	52	42	68	70	115
4607955	LED Panel Essence G2 33W 600 3000K UGR<19 Incl. Philips Dali Driver	≤1%	20.4	195	20	32	33	54
4607962	LED Panel Essence G2 33W 600 4000K UGR<19 Incl. Philips Dali Driver	≤1%	20.4	195	20	32	33	54
4607979	LED Panel Essence G2 34W 1200 3000K UGR<19 Incl. Philips Dali Driver	≤1%	20.4	195	20	32	33	54
4607986	LED Panel Essence G2 34W 1200 4000K UGR<19 Incl. Philips Dali Driver	≤1%	20.4	195	20	32	33	54
1000312	LED Panel Essence G2 21-30W 1200 3000K UGR<19 Incl.Osram Driver	≤1%	16	100	15	25	33	54
1000329	LED Panel Essence G2 21-30W 1200 4000K UGR<19 Incl.Osram Driver	≤1%	16	100	15	25	-	-
1000299	LED Panel 60x60cm Essence G2 21-30W 600 3000K UGR<19 Incl.Osram Driver	≤1%	16	100	15	25	-	-
1000305	LED Panel 60x60cm Essence G2 21-30W 600 4000K UGR<19 Incl.Osram Driver	≤1%	16	100	15	25	-	-

## DIMENSIONS



## PHOTOMETRIC SPECIFICATIONS

### LED PANEL ESSENCE G2 34W 600 4000K UGR<19 INCL. DRIVER



### LED PANEL ESSENCE G2 34W 1200 4000K UGR<19 INCL. DRIVER

