

## LED PANEL SIGMA



### KEY FEATURES

- Slim design suitable for suspended and plaster ceilings
- Replacement of 4x14W and 2x28W TL
- Flicker-free
- Efficiency 100lm/W
- Long lifetime 76,000 hours L80 B10
- Included driver Philips Xitanium with fast-connector
- Complete accessories range
- Payback time 1 to 3 years
- Up to 7 years Pragmalux warranty by project registration

### APPLICATIONS



### OPTIONS



GST 18i3/5

### SPECIFICATIONS

Item code	Description	W	lm	lm/W	Kelvin	CRI	Input current	Lifetime L80B10	Equivalent	Beam angle
4607276	LED Panel Sigma 40W 600 3000K	40	4,000	100	3,000	≥80	0.20A	76,000	4x14W FL	120°
4607283	LED Panel Sigma 40W 600 4000K	40	4,000	100	4,000	≥80	0.20A	76,000	4x14W FL	120°
4607290	LED Panel Sigma 40W 620 3000K	40	4,000	100	3,000	≥80	0.20A	76,000	4x14W FL	120°
4607306	LED Panel Sigma 40W 620 4000K	40	4,000	100	4,000	≥80	0.20A	76,000	4x14W FL	120°
4607313	LED Panel Sigma 40W 1200 3000K	40	4,000	100	3,000	≥80	0.20A	76,000	2x28W FL	120°
4607320	LED Panel Sigma 40W 1200 4000K	40	4,000	100	4,000	≥80	0.20A	76,000	2x28W FL	120°

### TECHNICAL DATA

Electrical data	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.9
Operating mode	External LED Driver
Electrical connection	Max 2x2,5 mm <sup>2</sup> wire
Total harmonic distortion	≤ 15 %

Certificates & standards	
Driver certificates	CE/ENEC
Fixture certificates	CE
Ingress protection	IP20
Protection class	II
Protection class IK	04
Glow Wire Test ( IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG0

## Temperatures & operating conditions

Ambient temperature	25°C
Operating temperature	-15 ~ +40°C
Storage temperature	-20 ~ +50°C

## Colors & materials

Color ( Housing)	White
Material ( Housing)	Aluminum
Material ( Diffuser)	PS (600/620); PP (1200)

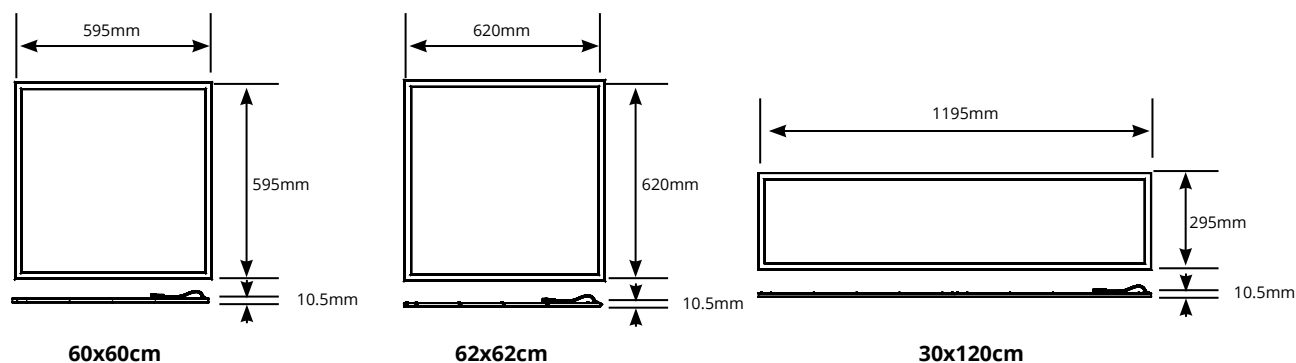
## Capabilities

UGR	≤22
Dimmable	No
Type of connection	Push Terminal, 2-pole
LED Module replacable	No
Installation	Through-wiring Possible

## SPECIFICATIONS DRIVERS

Item code	Description	Output current	Driver failure rate at 5,000h	Inrush current Ipeak	Inrush current Twidth	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
4607276	LED Panel Sigma 40W 600 3000K	1.05A	≤1%	17A	250μs	17	28	29	47
4607283	LED Panel Sigma 40W 600 4000K	1.05A	≤1%	17A	250μs	17	28	29	47
4607290	LED Panel Sigma 40W 620 3000K	1.05A	≤1%	17A	250μs	17	28	29	47
4607306	LED Panel Sigma 40W 620 4000K	1.05A	≤1%	17A	250μs	17	28	29	47
4607313	LED Panel Sigma 40W 1200 3000K	1.05A	≤1%	17A	250μs	17	28	29	47
4607320	LED Panel Sigma 40W 1200 4000K	1.05A	≤1%	17A	250μs	17	28	29	47

## DIMENSIONS



## ACCESSORIES

Item code	Description
4600369	LED Panel Surface Mounted Kit 600
4600376	LED Panel Surface Mounted Kit 620
4600383	LED Panel Surface Mounted Kit 1200
4600406	LED Panel Surface Mounted Kit Quick 600
4600413	LED Panel Surface Mounted Kit Quick 620
4600420	LED Panel Surface Mounted Kit Quick 1200
4600437	LED Panel Suspension Kit
4600444	LED Panel Mounting Clips 600/620 (4pcs)
4600451	LED Panel Safety Cable 1M



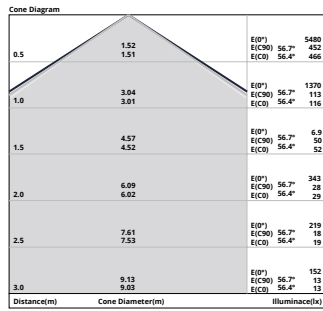
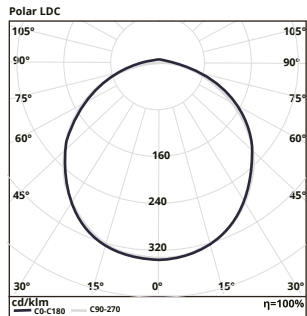
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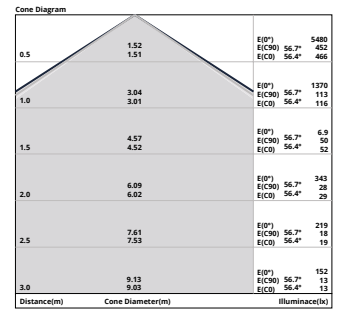
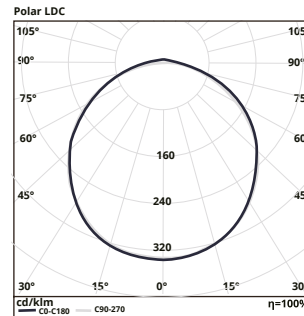
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## PHOTOMETRIC SPECIFICATIONS

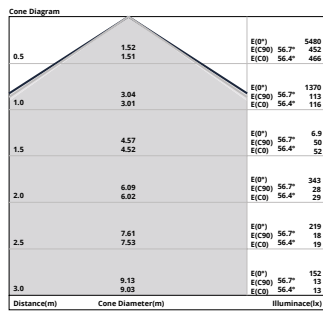
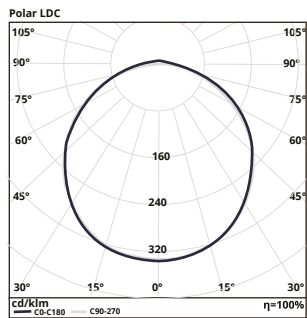
### LED Panel Sigma 40W 600 3000K



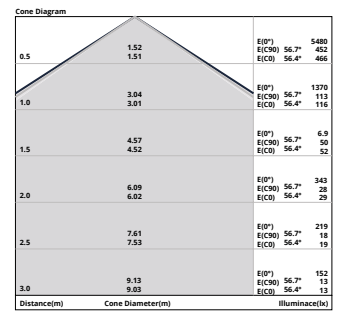
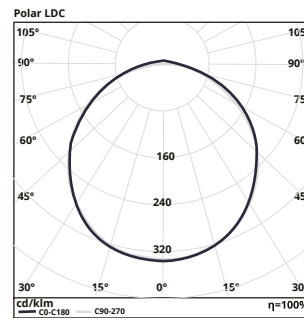
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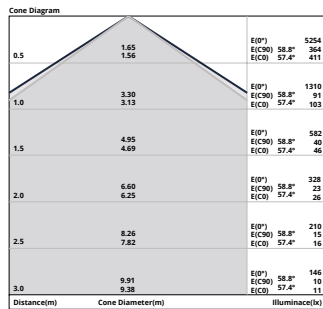
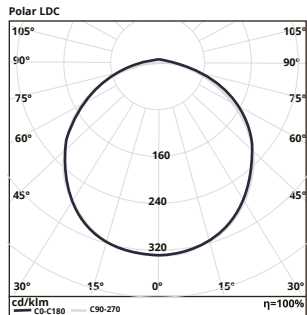
### LED Panel Sigma 40W 620 3000K



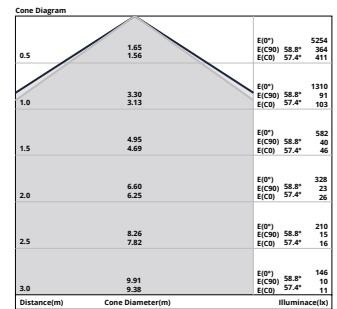
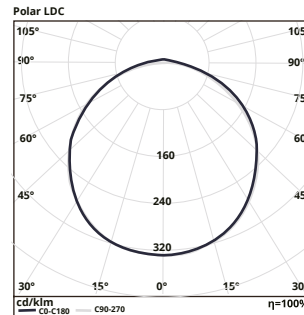
### LED Panel Sigma 40W 620 4000K



### LED Panel Sigma 40W 1200 3000K



### LED Panel Sigma 40W 1200 4000K



## PACKAGING INFORMATION

Item code	Description	Single box		Master carton		
		Dimensions(LxWxH) (mm)	Weight(kg)	Units per master carton	Dimensions(LxWxH) (mm)	Weight(kg)
4607276	LED Panel Sigma 40W 600 3000K	600x38x630	3.1	5	620x215x645	19.7
4607283	LED Panel Sigma 40W 600 4000K	600x38x630	3.1	5	620x215x645	19.7
4607290	LED Panel Sigma 40W 620 3000K	650x38x705	4	5	675x175x725	16.5
4607306	LED Panel Sigma 40W 620 4000K	650x38x705	4	5	675x175x725	16.5
4607313	LED Panel Sigma 40W 1200 3000K	1310x38x325	3	5	1330x185x350	16
4607320	LED Panel Sigma 40W 1200 4000K	1310x38x325	3	5	1330x185x350	16

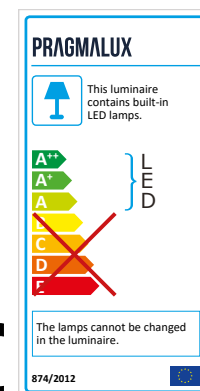
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Item code	Description	Single box		Master carton		
		Dimensions(LxWxH) (mm)	Weight(kg)	Units per master carton	Dimensions(LxWxH) (mm)	Weight(kg)
4600369	LED Panel Surface Mounted Kit 600	605x39x610	1.115	10	625x445x635	12.15
4600376	LED Panel Surface Mounted Kit 620	630x39x635	1.165	10	645x445x650	12.65
4600383	LED Panel Surface Mounted Kit 1200	1202x38x305	1.335	10	1220x445x340	14.45
4600406	LED Panel Surface Mounted Kit Quick 600	607x62x610	2.3	4	620x270x630	10.2
4600413	LED Panel Surface Mounted Kit Quick 620	632x62x635	2.4	4	655x275x645	10.6
4600420	LED Panel Surface Mounted Kit Quick 1200	1210x62x307	2.65	4	1220x270x330	11.9
4600437	LED Panel Suspension Kit	120x100x50	1.75	50	355x285x147	9.5
4600444	LED Panel Mounting Clips 600/620 (4pcs)	120x100x50	1.3	40	220x210x160	4.5
4600451	LED Panel Safety Cable 1M	100x70x10	0.025	100	220x210x160	4.75

## APPLICATIONS



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