

# CommLED Panels series LP 21 Professional with 5 years warranty

## LP21 series

High quality CommLED LP2 series LED panels with two mounting possibilities: on ceiling and ceiling suspended way as the substitute for typical raster fixtures equipped with light source such as T8 4 x 18W, 2 x 36W as well as T5. LED panel is designed and manufactured using the highest quality electrical components, special cover and housing guaranteeing low UGR (<19) as well as homogenous, wide light distribution. Special configuration of SMD LEDs allow to reach different luminous flux from fixture (100-120 lm/W). Product is dedicated to indoor use i.e. Offices, conference hall, restaurants, hotels ect.

## Product Advantages

- 5 years Warranty
- The lowest flicker index on the market (0,001)
- Luminous flux from fixture >100-120 lm/W, up to 6000 lm
- Low drop of luminous flux (LM-80)
- UGR < 19 (optional)
- Ceiling suspended mounting using frame (optional)
- Light control options: DALI, WIFI (1-10V)
- PMMA front-cover (lack of discoloration)

## Products



## Application

- office
- hospitals
- conference halls
- kinder garden
- school
- public facility
- commercial facility



## Product Versions



## Technical Specification

Model	Watt	Lumen [lm]	Weight [kg]	Size [mm]
CS-LP21A-66/40	40W	< 4000 lm	3,5	595 x 595 x 30
CS-LP21B-66/40	40W	< 4800 lm	3,5	595 x 595 x 30
CS-LP21A19-66/40	40W	< 4000 lm	3,5	595 x 595 x 30
CS-LP21B19-66/40	40W	< 4800 lm	3,5	595 x 595 x 30

Model	Watt	Lumen [lm]	Weight [kg]	Size [mm]
CS-LP21A-123/40	40W	< 4000 lm	3,9	1195 x 295 x 30
CS-LP21B-123/40	40W	< 4800 lm	3,9	1195 x 295 x 30
CS-LP21A19-123/40	40W	< 4000 lm	3,9	1195 x 295 x 30
CS-LP21B19-123/40	40W	< 4800 lm	3,9	1195 x 295 x 30

Model	Watt	Lumen [lm]	Weight [kg]	Size [mm]
CS-LP21A-126/50	50W	< 5000 lm	7,6	1195 x 595 x 30
CS-LP21B-126/50	50W	< 6000 lm	7,6	1195 x 595 x 30
CS-LP21A19-126/50	50W	< 5000 lm	7,6	1195 x 595 x 30

### General information

LED brand	Honglitrionics (Kinglight, Seoul)
Power supply brand	CommLED, BOKE
LED lifespan	50000h
Ingress protection rating	IP40
Energy efficiency class	A+
Appliance class	II
Impact protection rating	-
Certificates	CE, Rohs
Dimming	1-10V, WIFI, Dali, LightMind by CommSoft
Warranty	up to 3 years (*up to 24h) up to 5 years (*up to 8h)

### Optical information

Light efficiency from the luminaire:	Seria A: 100 lm/W Seria B: 120 lm/W
Beam angle	110°-120°
CRI/Ra	> 80 (opcja 90)
Color temperature	3000K, 4000K, 5000K, 6000K (*tolerancja)
UGR	< 22 (opcja < 19)

### Electrical information

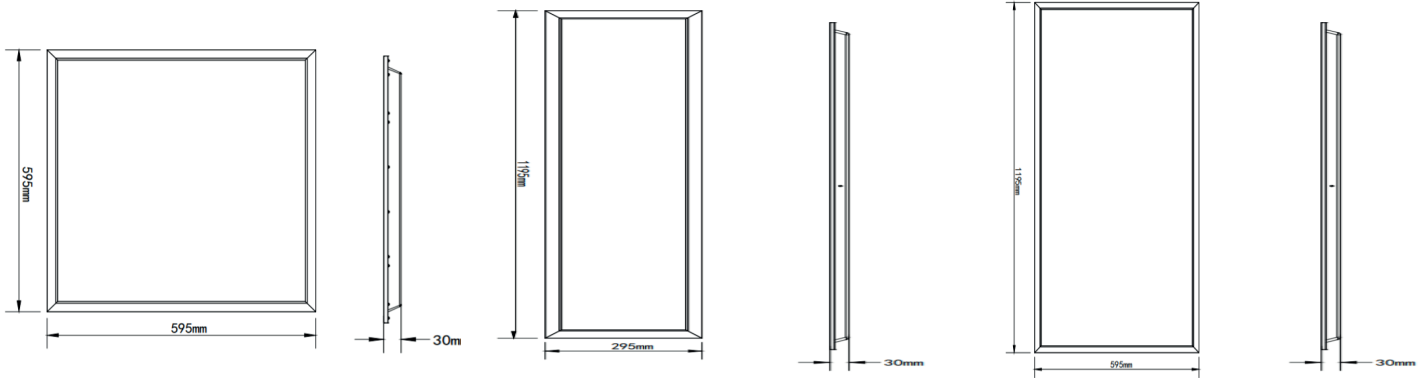
Input voltage	90-305VAC
Input frequency	50-60 Hz
Power factor (PF)	0.9

### Mechanical information

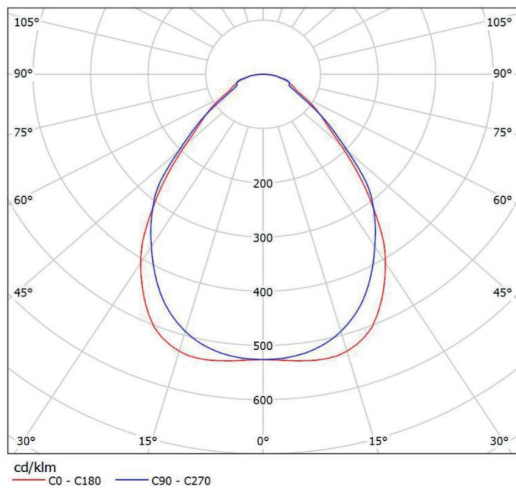
Mounting	suspended ceilings, mounted to the ceiling (*option cord)
Housing colour	white
Housing material	aluminium, PMMA
Diffuser	PMMA, LGP (UGR)
Working temperature range	-10° do +40°C



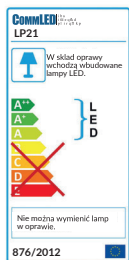
## Technical drawing



## Beam angle



## Energy efficiency class label



## Informational notes

We reserve the right to change the data contained in this card  
 Parameter value +/- 5%  
 General warranty conditions are available at [www.commled.eu](http://www.commled.eu)  
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