Lighting Catalog





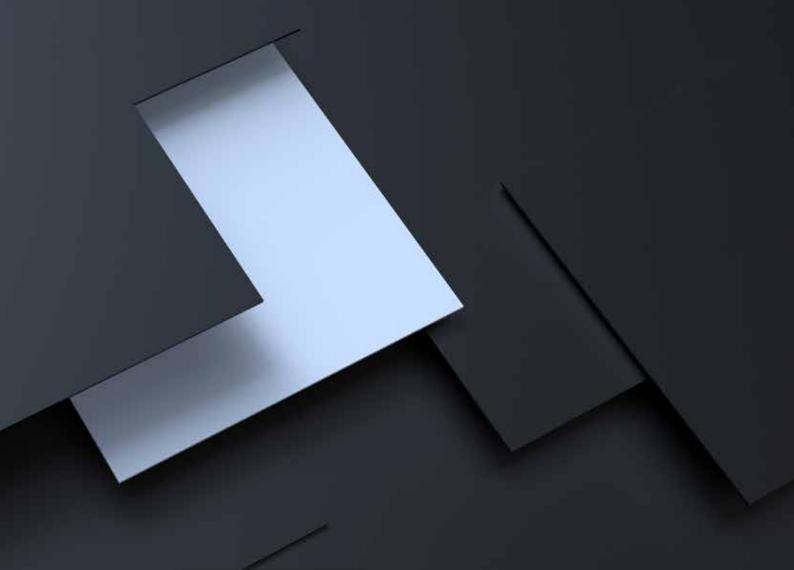
Next generation technologies and products for a sustainable and bright future

Situated in a closed area of 56,000 square meters in Sancaktepe, Istanbul and operating in the industrial plants regarded as the largest ones in Turkey; Panasonic Eco Solutions Turkey aims to introduce to the world market its innovative products and solutions offering comfort, safety and efficiency by taking into consideration the satisfaction of all shareholders.

The product range of our company involves Switches and Socket, Group Sockets, Fuse Boxes, Accessories, Low Voltage Switchgears, Electricity Meters, AMR (Automatic Meter Reading Systems), Building Automation Systems, Panasonic Solar Panels, Professional Hand Tools and Fire Detection Systems. While our company maintains its leadership in the Turkish market, it exports 40 percent of its production to more than 70 countries, thus representing our brands in the world market successfully.

Reliable lighting is the building block of every house or business. Light illuminates our living environments and working spaces, and ensures us to see the products that we will purchase and make ourselves feel comfortable.

Panasonic maintains its superior quality assurance approach in lighting products, as well. Panasonic carries its reliable experience to the LED category and makes an important contribution to this field in terms of concept, aesthetics, comfort and technology. Panasonic LED will continuously keep adding value to various living spaces and residential areas and endeavor for better energy saving.





Lighting Products Contents

Flush Mounted Slim LED Panel - Circular Products

	6500K		3000K
page 9 page 10 page 11	3W Circular Type LED Panel 6W-12W Circular Type LED Panel 15W-18W Circular Type LED Panel	page 17 page 18 page 19	3W Circular Type LED Panel 6W-12W Circular Type LED Panel 15W-18W Circular Type LED Panel
	4000K		
page 13 page 14 page 15	3W Circular Type LED Panel 6W-12W Circular Type LED Panel 15W-18W Circular Type LED Panel		
Flush Mo	ounted Slim LED Panel - Square Products		

	4000K		
page 13 page 14 page 15	3W Circular Type LED Panel 6W-12W Circular Type LED Panel 15W-18W Circular Type LED Panel		
Flush Mo	ounted Slim LED Panel - Square Products		
page 23	6500K 6W Square Type LED Panel 12W Square Type LED Panel 18W Square Type LED Panel 4000K 6W Square Type LED Panel 12W Square Type LED Panel 18W Square Type LED Panel	page 27	3000K 6W Square Type LED Panel 12W Square Type LED Panel 18W Square Type LED Panel



Flush Mounted Slim LED Panel - Square Products (30x30 / 60x60)

<u>6500K</u>

page 29 18W Square Type LED Panel 36W Square Type LED Panel

4000K

page 31 18W Square Type LED Panel 36W Square Type LED Panel

3000K

18W Square Type LED Panel page 33 36W Square Type LED Panel

Surface Mounted LED Panel - Products

6500K

page 36 18W Circular Type LED Panel

24W Circular Type LED Panel page 37

18W Square Type LED Panel 24W Square Type LED Panel

40<u>00K</u>

page 38 18W Circular Type LED Panel

24W Circular Type LED Panel page 39

> 18W Square Type LED Panel 24W Square Type LED Panel

page 42-45 Accessories

page 46-49 Technical Information

page 40

18W Circular Type LED Panel 24W Circular Type LED Panel page 41 18W Square Type LED Panel 24W Square Type LED Panel











Slim LED Panel (6500K)

- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLA11W036	Circular	3	LED	160lm	85 ø	70 ø	0,070
LPLA11W066	Circular	6	LED	360lm	120 ø	105 ø	0,100
LPLA11W126	Circular	12	LED	850lm	170 ø	155 ø	0,170
LPLA11W156	Circular	15	LED	1080lm	185 ø	170 ø	0,200
LPLA11W186	Circular	18	LED	1350lm	225 ø	210 ø	0,300

Technical Information

































LPLA11W036





Technical Specifications

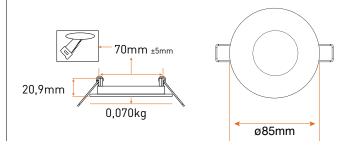
220V - 240V

6500K

160lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

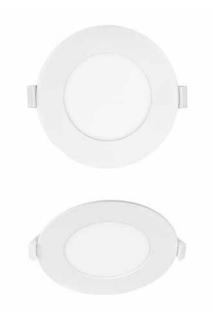




6W Circular Type LED Panel - 6500K

LPLA11W066





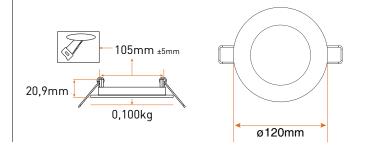
Technical Specifications

220V - 240V 6500K 360lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- · Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



12W Circular Type LED Panel - 6500K





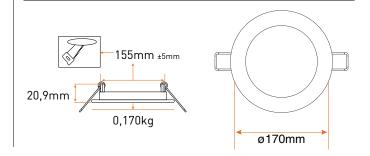


Technical Specifications

220V - 240V 6500K 850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



15W Circular Type LED Panel - 6500K

LPLA11W156

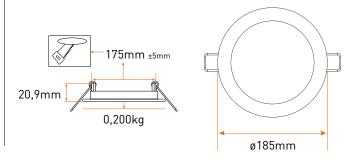


Technical Specifications

220V - 240V 6500K 1080lm Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



18W Circular Type LED Panel - 6500K

LPLA11W186

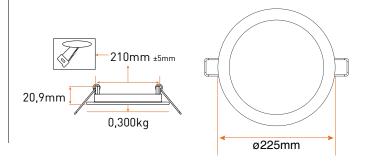


Technical Specifications

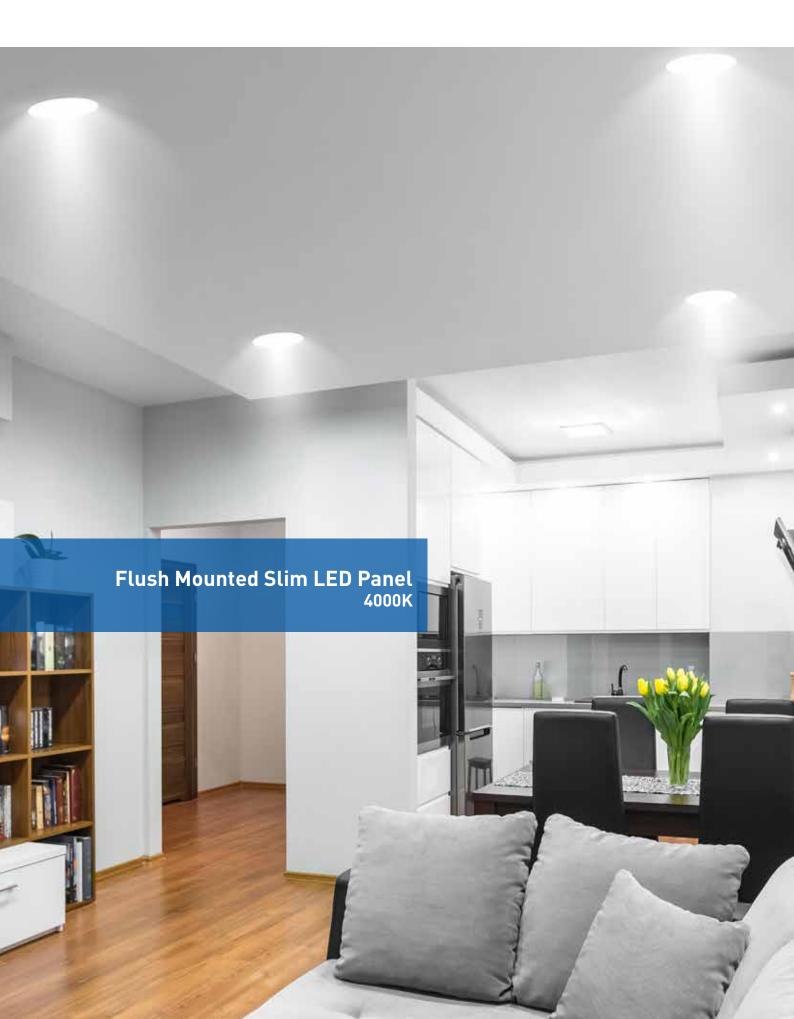
220V - 240V 6500K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser







Slim LED Panel (4000K)

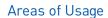


- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLA11W034	Circular	3	LED	160lm	85 ø	70 ø	0,070
LPLA11W064	Circular	6	LED	360lm	120 ø	105 ø	0,100
LPLA11W124	Circular	12	LED	850lm	170 ø	155 ø	0,170
LPLA11W154	Circular	15	LED	1080lm	185 ø	170 ø	0,200
LPLA11W184	Circular	18	LED	1350lm	225 ø	210 ø	0,300

Technical Information

































LPLA11W034



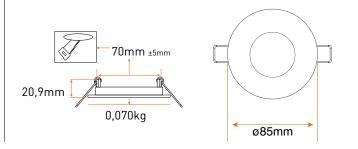
Technical Specifications

220V - 240V 4000K

160lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

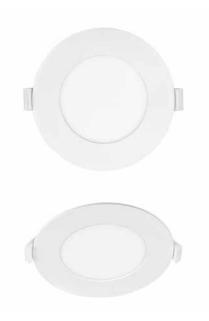




6W Circular Type LED Panel - 4000K

LPLA11W064





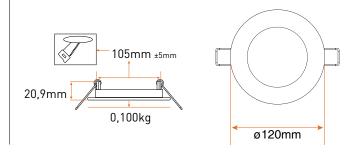
Technical Specifications

220V - 240V 4000K 360lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



12W Circular Type LED Panel - 4000K



LPLA11W124



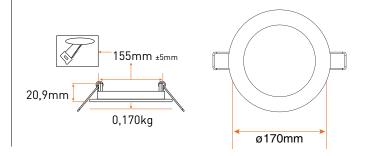


Teknik Özellikler

220V - 240V 4000K 850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



15W Circular Type LED Panel - 4000K



LPLA11W154

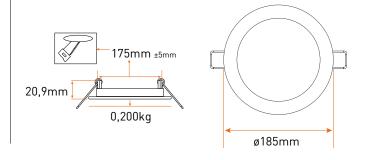


Technical Specifications

220V - 240V 4000K 1080lm

- Ra > 80
- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



18W Circular Type LED Panel - 4000K



LPLA11W184

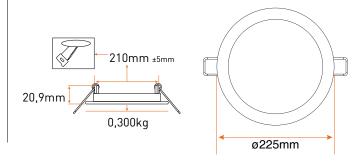


Technical Specifications

220V - 240V 4000K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser







Slim LED Panel (3000K)

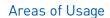


- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LVLA11W033	Circular	3	LED	160lm	85 ø	70 ø	0,070
LVLA11W063	Circular	6	LED	360lm	120 ø	105 ø	0,100
LVLA11W123	Circular	12	LED	850lm	170 ø	155 ø	0,170
LVLA11W153	Circular	15	LED	1080lm	185 ø	170 ø	0,200
LVLA11W183	Circular	18	LED	1350lm	225 ø	210 ø	0,300

Technical Information







































Technical Specifications

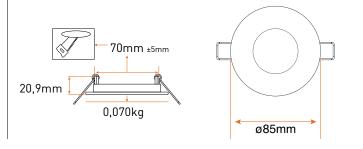
220V - 240V

3000K

160lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



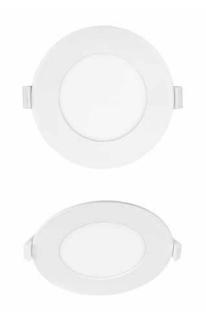


6W Circular Type LED Panel - 3000K



LPLA11W063

6W



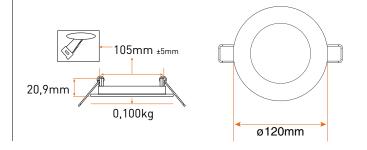
Technical Specifications

220V - 240V 3000K 360lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



12W Circular Type LED Panel - 3000K



LPLA11W123

12W



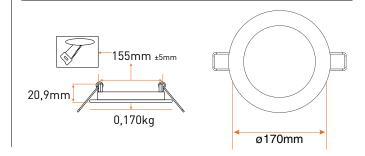
Technical Specifications

220V - 240V 3000K

850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



15W Circular Type LED Panel - 3000K



LPLA11W153

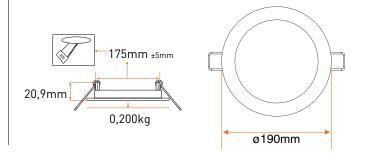


Technical Specifications

220V - 240V 3000K 1080lm Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



18W Circular Type LED Panel - 3000K



LPLA11W183

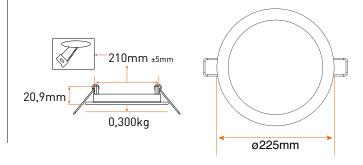


Technical Specifications

220V - 240V 3000K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser













Slim LED Panel (6500K)

- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Type	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLA21W066	Square	6	LED	360lm	120x120	105x105	0,120
LPLA21W126	Square	12	LED	850lm	170x170	155x155	0,210
LPLA21W186	Square	18	LED	1350lm	225x225	210x210	0,360

Technical Information































6W Square Type LED Panel - 6500K



Technical Specifications

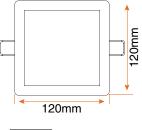
220V - 240V 6500K 360lm

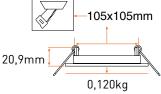
Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLA21W066







12W Square Type LED Panel - 6500K



Technical Specifications

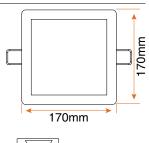
220V - 240V 6500K 850lm

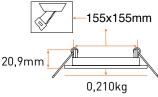
Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLA21W126

Technical Drawing





18W Square Type LED Panel - 6500K

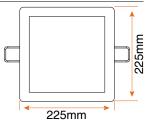
Technical Specifications

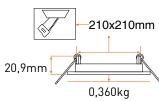
220V - 240V 6500K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLA21W186











Slim LED Panel (4000K)



- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLA21W064	Square	6	LED	360lm	120x120	105x105	0,120
LPLA21W124	Square	12	LED	850lm	170x170	155x155	0,210
LPLA21W184	Square	18	LED	1350lm	225x225	210x210	0,360

Technical Information





















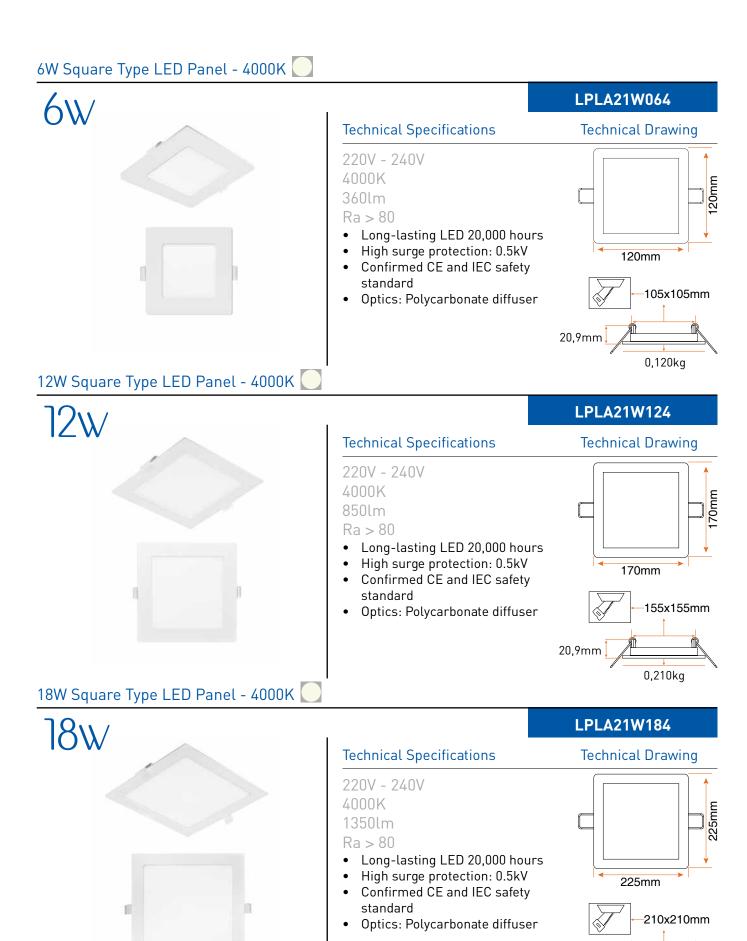








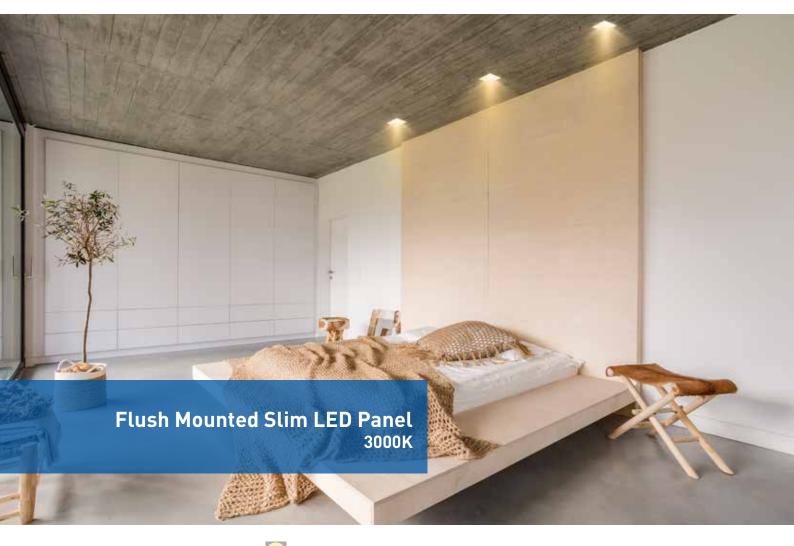




0,360kg

20,9mm





Slim LED Panel (3000K)

- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Type	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLA21W063	Square	6	LED	360lm	120x120	105x105	0,120
LPLA21W123	Square	12	LED	850lm	170x170	155x155	0,210
LPLA21W183	Square	18	LED	1350lm	225x225	210x210	0,360

Technical Information





















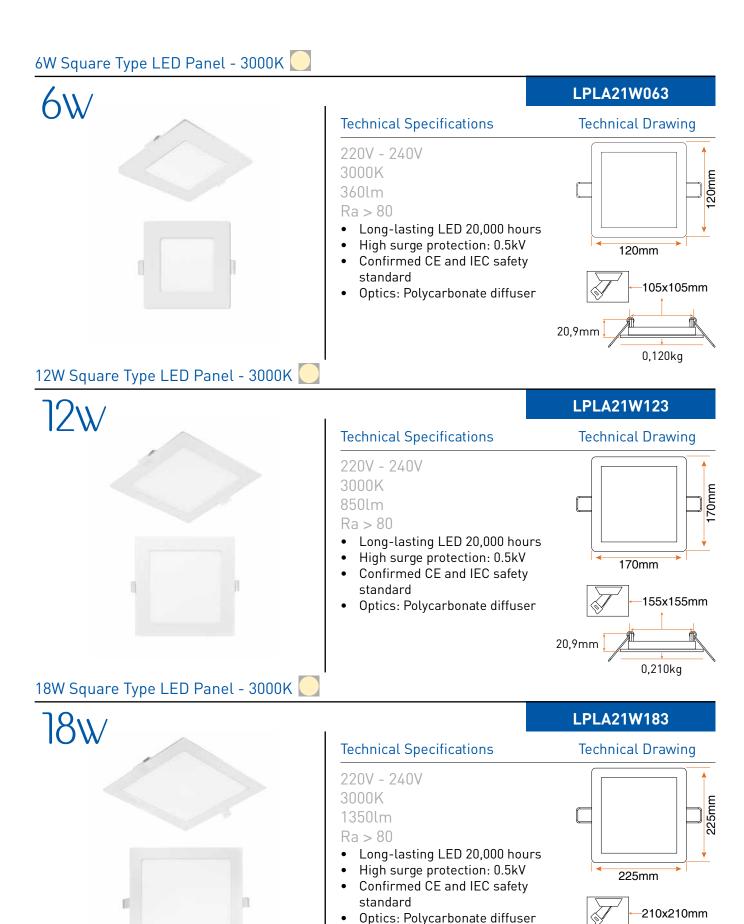












0,360kg

20,9mm





Slim LED Panel (6500K)

- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLC21W186	Square	18	LED	1440lm	295x295	-	0,860
LPLC21W366	Square	36	LED	3020lm	595x595	-	2,810

Technical Information

Areas of Usage





























18W Square Type LED Panel - 6500K

LPLC21W186

18W



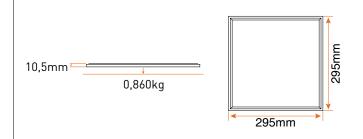
Technical Specifications

220V - 240V 6500K 1440lm

Ra > 80 Pf > 0.9

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- · Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

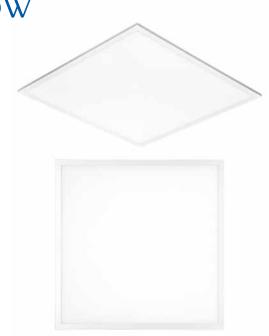
Technical Drawing



36W Square Type LED Panel - 6500K

LPLC21W366

36W

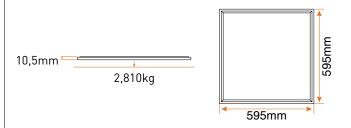


Technical Specifications

220V - 240V 6500K 3020lm

Ra > 80 Pf > 0.9

- Long-lasting LED 20,000 hours
- High surge protection: 0.1kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



^{*}See page 45 for brackets.





Slim LED Panel (4000K)

- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLC21W184	Square	18	LED	1440lm	295x295	-	0,860
LPLC21W364	Square	36	LED	3020lm	595x595	-	2,810

Technical Information

Areas of Usage





























18W Square Type LED Panel - 4000K



LPLC21W184

18W



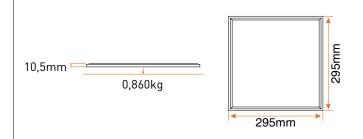
Technical Specifications

220V - 240V 4000K 1440lm

Ra > 80 Pf > 0.9

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- · Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing

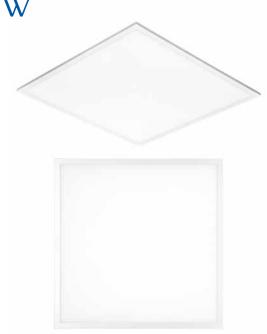


36W Square Type LED Panel - 4000K



LPLC21W364

36W

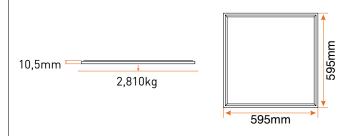


Technical Specifications

220V - 240V 4000K 3020lm

Ra > 80 Pf > 0.9

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



^{*}See page 45 for brackets.





Slim LED Panel (3000K)



- High quality reinforced plastic body. Applicable to many areas such as stone wool and drywall and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.
- LED panel luminaries with separate, energy-saving and constant current outlet drivers.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Cutout ø (mm)	Weight (kg)
LPLC21W183	Square	18	LED	1440lm	295x295	-	0,860
LPLC21W363	Square	36	LED	3020lm	595x595	-	2,810

Technical Information

Areas of Usage































18W Square Type LED Panel - 3000K



LPLC21W183

18W



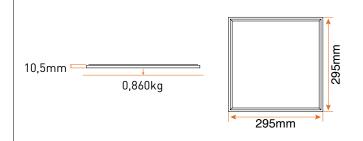
Technical Specifications

220V - 240V 3000K 1440lm

Ra > 80 Pf > 0.9

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- · Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

Technical Drawing



36W Square Type LED Panel - 3000K



LPLC21W363

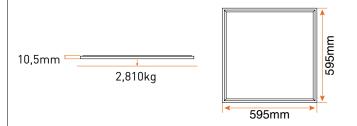
36W Technical Specifications

220V - 240V 3000K 3020lm Ra > 80 Pf > 0.9



• Long-lasting LED 20,000 hours

- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



^{*}See page 45 for brackets.











Surface Mounted LED Panel - 6500K

- High quality reinforced plastic body, convenient for outer environment and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Weight (kg)
LPLB11W186	Circular	18	LED	1350lm	225 ø	0,390
LPLB11W246	Circular	24	LED	1850lm	300 ø	0,670
LPLB21W186	Square	18	LED	1350lm	225x225	0,480
LPLB21W246	Square	24	LED	1850lm	300x300	0,820

Technical Information









Areas of Usage









18W Circular Type LED Panel - 6500K





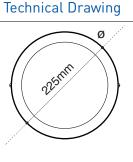
Technical Specifications

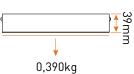
220V - 240V 6500K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLB11W186





24W Circular Type LED Panel - 6500K



Technical Specifications

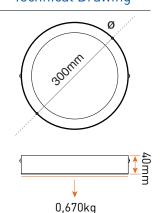
Technical Drawing

LPLB11W246

220V - 240V 6500K 1850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



18W Square Type LED Panel - 6500K



Technical Specifications

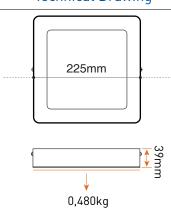
Technical Drawing

LPLB21W186

220V - 240V 6500K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



24W Square Type LED Panel - 6500K



Technical Specifications

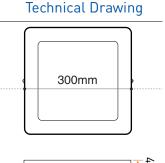
LPLB21W246

220V - 240V

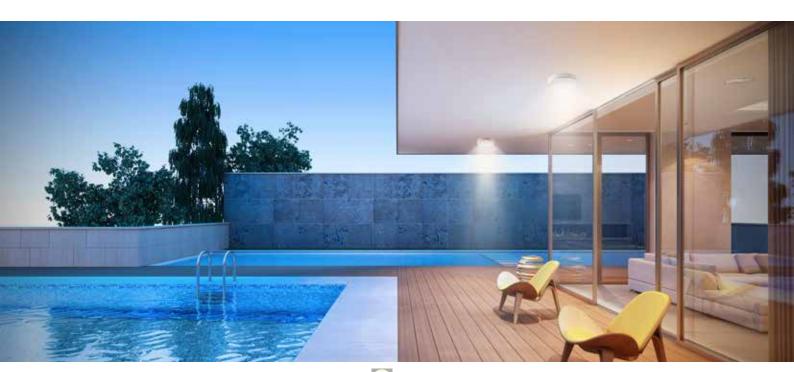
6500K 1850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser







Surface Mounted LED Panel - 4000K

- High quality reinforced plastic body, convenient for outer environment and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Weight (kg)
LPLB11W184	Circular	18	LED	1350lm	225 ø	0,390
LPLB11W244	Circular	24	LED	1850lm	300 ø	0,670
LPLB21W184	Square	18	LED	1350lm	225x225	0,480
LPLB21W244	Square	24	LED	1850lm	300x300	0,820

Technical Information









Areas of Usage









18W Circular Type LED Panel - 4000K







Technical Specifications

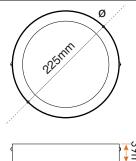
220V - 240V 4000K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLB11W184

Technical Drawing



24W Circular Type LED Panel - 4000K 24W LPLB11W244 **Technical Specifications** Technical Drawing 220V - 240V 4000K 30mm 1850lm Ra > 80 • Long-lasting LED 20,000 hours High surge protection: 0.5kV Confirmed CE and IEC safety standard Optics: Polycarbonate diffuser 0,670kg 18W Square Type LED Panel - 4000K LPLB21W184 **Technical Specifications** Technical Drawing 220V - 240V 4000K 1350lm 225mm Ra > 80• Long-lasting LED 20,000 hours High surge protection: 0.5kV Confirmed CE and IEC safety standard Optics: Polycarbonate diffuser 0,480kg 24W Square Type LED Panel - 4000K LPLB21W244 **Technical Specifications** Technical Drawing 220V - 240V 4000K 1850lm 300mm Ra > 80• Long-lasting LED 20,000 hours High surge protection: 0.5kV Confirmed CE and IEC safety

standard

Optics: Polycarbonate diffuser

0,820kg





Surface Mounted LED Panel - 3000K

- High quality reinforced plastic body, convenient for outer environment and easy to mount.
- Equipped with antireflective diffuser covers with homogenous dispersion, resistant to blenching and changing colors during its lifetime.

Product Details

Product Code	Туре	Power (W)	Lamp Type	Luminous Flux	Dimensions (mm)	Weight (kg)
LPLB11W183	Circular	18	LED	1350lm	225 ø	0,390
LPLB11W243	Circular	24	LED	1850lm	300 ø	0,670
LPLB21W183	Square	18	LED	1350lm	225x225	0,480
LPLB21W243	Square	24	LED	1850lm	300x300	0,820

Technical Information













Areas of Usage





18W Circular Type LED Panel - 3000K







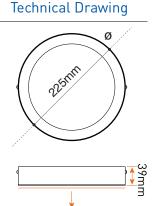
Technical Specifications

220V - 240V 3000K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser

LPLB11W183



0,390kg

24W Circular Type LED Panel - 3000K



Technical Specifications

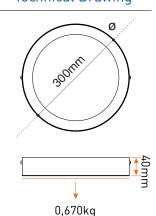
Technical Drawing

LPLB11W243

220V - 240V 3000K 1850lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



18W Square Type LED Panel - 3000K



Technical Specifications

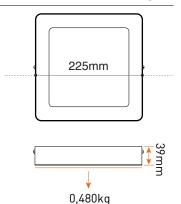
Technical Drawing

LPLB21W183

220V - 240V 3000K 1350lm

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser



24W Square Type LED Panel - 3000K



LPLB21W243

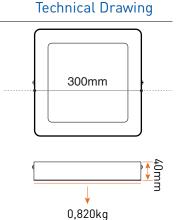
Technical Specifications

3000K 1850lm

220V - 240V

Ra > 80

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard
- Optics: Polycarbonate diffuser







Accessories

- LED driver providing stable energy with high power factor.
- Easy-to-mount LED driver with Panasonic quality assurance.
- Easy-to-mount apparatus with durable materials for LED panels.

LED Drivers (Drivers)

Product Code	Used Products	Power Factor	Current	Output Voltage	Weight (kg)
LPAA011	3W Panel	→ 0,5	49ma ± %5	39~59V	0,027
LPAA021	6W Panel	→ 0,5	120ma ± %5	41~50V	0,027
LPAA031	12W Panel	→ 0,5	180ma ± %5	54~66V	0,030
LPAA041	15W Panel	→ 0,5	240ma ± %5	51~63V	0,032
LPAA051	18W Panel	→ 0,5	300ma ± %5	49~59V	0,033
LPAA061	18W Panel	→0,9	550ma ± %5	27~42V	0,090
LPAA071	24W Panel	→ 0,5	300ma ± %5	65~79V	0,040
LPAA081	36W Panel	→ 0,9	900ma ± %5	27~42V	0,118
Apparatuses					

Apparatuses

Product CodeProduct DescriptionProduct Codes in which it was usedLPAD011Flush Mounted Drywall Kit
LPAE011LPLC21W183, LPLC21W184, LPLC21W186, LPLC21W363, LPLC21W364, LPLC21W366
LPLC21W183, LPLC21W184, LPLC21W186, LPLC21W363, LPLC21W364, LPLC21W366

Technical Information









LED Driver for 3W Panels

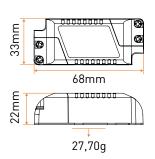
2.00°

LPAA011

Technical Specifications

39~59V (Output Voltage) 49ma Pf > 0.50

- Long-lasting LED 20,000 hoursHigh surge protection: 0.5kV
- Confirmed CE and IEC safety standard



Technical Drawing

LED Driver for 6W Panels



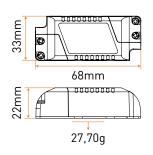
Technical Specifications

41~50V (Output Voltage) 120ma Pf > 0.50

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard

LPAA021

Technical Drawing



LED Driver for 12W Panels



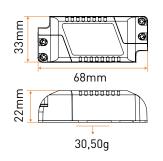
Technical Specifications

54~66V (Output Voltage) 180ma Pf > 0.50

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard

LPAA031

Technical Drawing





LED Driver for 15W Panels

ALOO OF

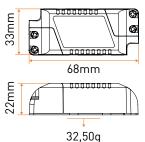
Technical Specifications

51~ 63V (Output Voltage) 240ma Pf > 0.50

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard

LPAA041





LED Driver for 18W Panels



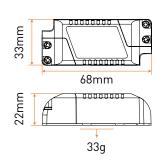
Technical Specifications

49~59V (Output Voltage) 300ma Pf > 0.50

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard

LPAA051

Technical Drawing



LED Driver for 18W (30x30) Panels

- Carrier

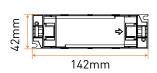
Technical Specifications

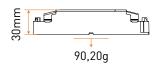
27~42V (Output Voltage) 550ma Pf > 0.90

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard

LPAA061







LPAA071

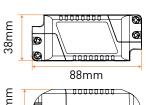
LED Driver for 24W Panels



Technical Specifications

65~79V (Output Voltage) 300ma Pf > 0.50

- Long-lasting LED 20,000 hours
- High surge protection: 0.5kV
- Confirmed CE and IEC safety standard



Technical Drawing

40,50g

LED Driver for 36W Panels

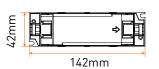
Technical Specifications

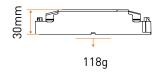
27~42V (Output Voltage) 900ma Pf > 0.90

- Long-lasting LED 20,000 hours
- High surge protection: 1kV
- Confirmed CE and IEC safety standard

Technical Drawing

LPAA081





Accessories

Flush Mounted Drywall Technical Specifications

LPAD011



Intended for products to be used in drywall ceilings.

- Consists of a spring set of 4.
- 4 units (1 Set) are used for 1 product.
- Used for LPLC21W183, LPLC21W184, LPLC21W186, LPLC21W363, LPLC21W364, LPLC21W366



Hanging Kit Technical Specifications

LPAE011

Used for hanging the products.

- Consists of ropes, screws and accessory apparatuses.
- Used for LPLC21W183, LPLC21W184, LPLC21W186, LPLC21W363, LPLC21W364, LPLC21W366.

^{*} Product visuals are representative.





Luminous Flux (Lumen - lm)

• It is defined as the amount of light produced by a light source in one second sensed by a human eye.

Luminous Intensity (Candela - cd)

• It is an expression of the luminous flux emanating from a light source in a certain direction within a solid angle.

Illuminance Level (Lux - lx)

• It is defined as the total luminous flux per unit area.

Color Temperature (Kelvin - K)

• It is the quantitative expression of the light produced by a white light source as kelvin.

Power Consumption (Watt - W)

• It is the electric power unit used by a lighting fixture.

Color Fidelity (Color rendering index - Ra)

• It means the chromatic effect of light on an object and can also be expressed as accurate perception of colors under artificial light sources. Unit of measurement of color rendering index is Ra and measuring is performed on 14 colors individually and index is found by taking the measurement average of 14 colors.

Protection Classes - IP

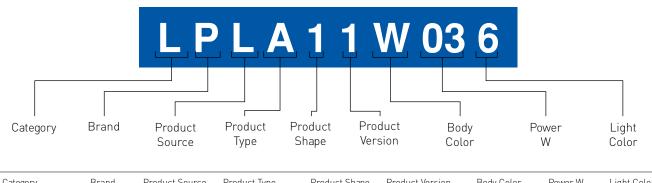
• IP protection class, developed by European Commission (CENELEC - Comité Européen de Normalisation Electrotechnique) to determine the resilience to external factors of electrically powered tools, is an international standard which is an initiative "international protection code". Electrically powered tools must be assigned an IP code to specify safe operating standards.



1st Number		2nd Number Degree of Protection Against Water								
		0	1	2	3	4	5	6	7	8
Degree of Protection Against Solid Objects		Unprotected	Protected against Dropping Water	Protected against Dropping Water up to 15°	Protected against Dropping Water up to 60°	Protected against Splashing Water	Protected against water jets	Protected against powerful sea waves	Protected against submersion in water	Protected against continuous submersion in water
Unprotected	0	IP 00	IP 01	IP 02						
Protected against solid objects larger than 50 mm	1	IP 10	IP 11	IP 12	IP 13					
Protected against solid objects larger than 12 mm	2	IP 20	IP 21	IP 22	IP 23					
Protected against solid objects larger than 2.5mm	3	IP 30	IP 31	IP 32	IP 33	IP 34				
Protected against solid objects larger than 1mm	4	IP 40	IP 41	IP 42	IP 43	IP 44	IP 45	IP 46		
Protected against dust	5				IP 53	IP 54	IP 55			
Dust-resistant	6						IP 65	IP 66	IP 67	IP 68



Product Code Definition



Lighting Panasonic LED A: Flush Mounted 1: Circular 1 W: White 03: 3W	Category	Brand	Product Source	Product Type	Product Shape	Product Version	Body Color	Power W	Light Color
C: Clip	Lighting	Panasonic	LED	B: Surface Mounted		1	W : White B : Black	06 : 6W	3 : 3000K 4 : 4000K 6 : 6500K

Technical Symbol



• An official sign indicating compliance with the norms of EU states.



• Used for the products produced by restricting the use of certain hazardous substances such as mercury, lead, cadmium and chrome, etc.

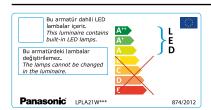


• Defined as the angle of light emitted from a light source.



• IP level: shows the protection class of the product.

Energy Label



NOTES



NOTES	

NOTES

Please contact

Panasonic Eco Solutions Elektrik San. ve Tic. A.Ş.

Abdurrahmangazi Mah. Ebubekir Cad. No: 44 34887 Sancaktepe İstanbul / Türkiye T: +90 (216) 564 55 55 F: +90 (216) 564 55 44 estr.panasonic.com

Panasonic