

595x595 30W LED Panel Light - B2C

Authorized Licensee for TOSHIBA trademark



1. Specification:

A. General Data

Model	595x595 30W Panel Light Warm White	595x595 30W Panel Light Neutral White	595x595 30W Panel Light Cool White
Product Code	01201315461A	01201315465A	01201315469A
P/N	MPS-FL30E030-012Ax	MPS-FL40E030-012Ax	MPS-FL65E030-012Ax
Rated Voltage	230 VAC	230VAC	230 VAC
Frequency	50 Hz	50 Hz	50 Hz
Rated Wattage	30 W	30 W	30 W
Deviation Tolerance of Rated Wattage	±10 %	±10 %	±10 %
Power Factor	0.95(typical)	0.95(typical)	0.95(typical)
Rated Current	130 mA	130 mA	130 mA
Maximum Current	150 mA	150 mA	150 mA
Start On	<0.5S	<0.5S	<0.5S
Dimmable	NO	NO	NO
Beam Angle	90°	90°	90°
UGR	19	19	19
EEL	0.16	0.15	0.15
Energy Class	A+	A+	A+
Safety requirements	CE	CE	CE
Applicable Environments	IP20	IP20	IP20
Base	N/A	N/A	N/A
Type of Installation	Recessed	Recessed	Recessed
Blue light hazard	Exempt	Exempt	Exempt
LED Drive P/N (brand: Unity Opto)	60177	60177	60177

B. Light Data

Color	Warm White	Neutral White	Cool White
Color Temperature (CCT)	3000K	4000K	6500K
Total luminous flux*	3600 lm	3900 lm	3900 lm
Useful luminous flux*	2540 lm	2700 lm	2700 lm
Color Rendering Index*	80		
Efficacy*	120 lm/W	130 lm/W	130 lm/W
Color Consistency**	6 Step MacAdam Ellipse (6 SDCM)		

*tolerance +/- 10%

** 3000K center point (X 0.440, Y 0.403) , 4000K center point (X 0.380, Y 0.380) , 6500K center point (X 0.313, Y 0.337)

C. Lifetime

(Supplied Voltage: AC230V; Ambient Temperature: 25°C)

Lumen Maintenance Factor	70% of the rated lifetime
Rated Lifetime – L ₇₀ B ₅₀	40,000 hrs
Switching Cycles	≥ 20,000

D. Temperature Operation

Normal operation temperature	-10°C ~ 40°C
Relative Humidity	10% ~ 90%

E. Geometric Data

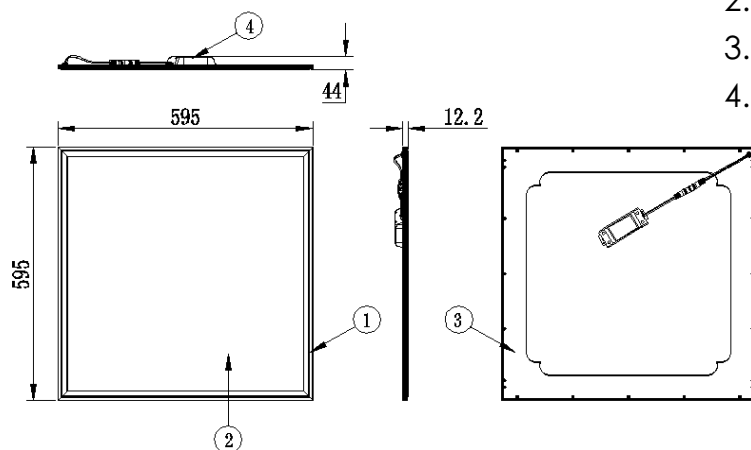
Maximum length	595 ± 2 mm (23.42 ± 0.08 inch)
Maximum width	595 ± 2 mm (23.42 ± 0.08 inch)
Maximum thickness	with driver 44 ± 2 mm (1.73 ± 0.08 inch) without driver 12.2 ± 2 mm (0.48 ± 0.08 inch)
Mass	3000 ± 300 g

F. Environmental relevant materials

Mercury (Hg)	Comply with RoHS Directive 2011/65/EU
Lead (Pb)	
Cadmium(Cd)	
Hexavalent Chromium(Cr6+)	
Polybrominated Biphenyls(PBBs)	
Polybrominated Diphenyl Ethers(PBDEs)	

2. Outline Drawing

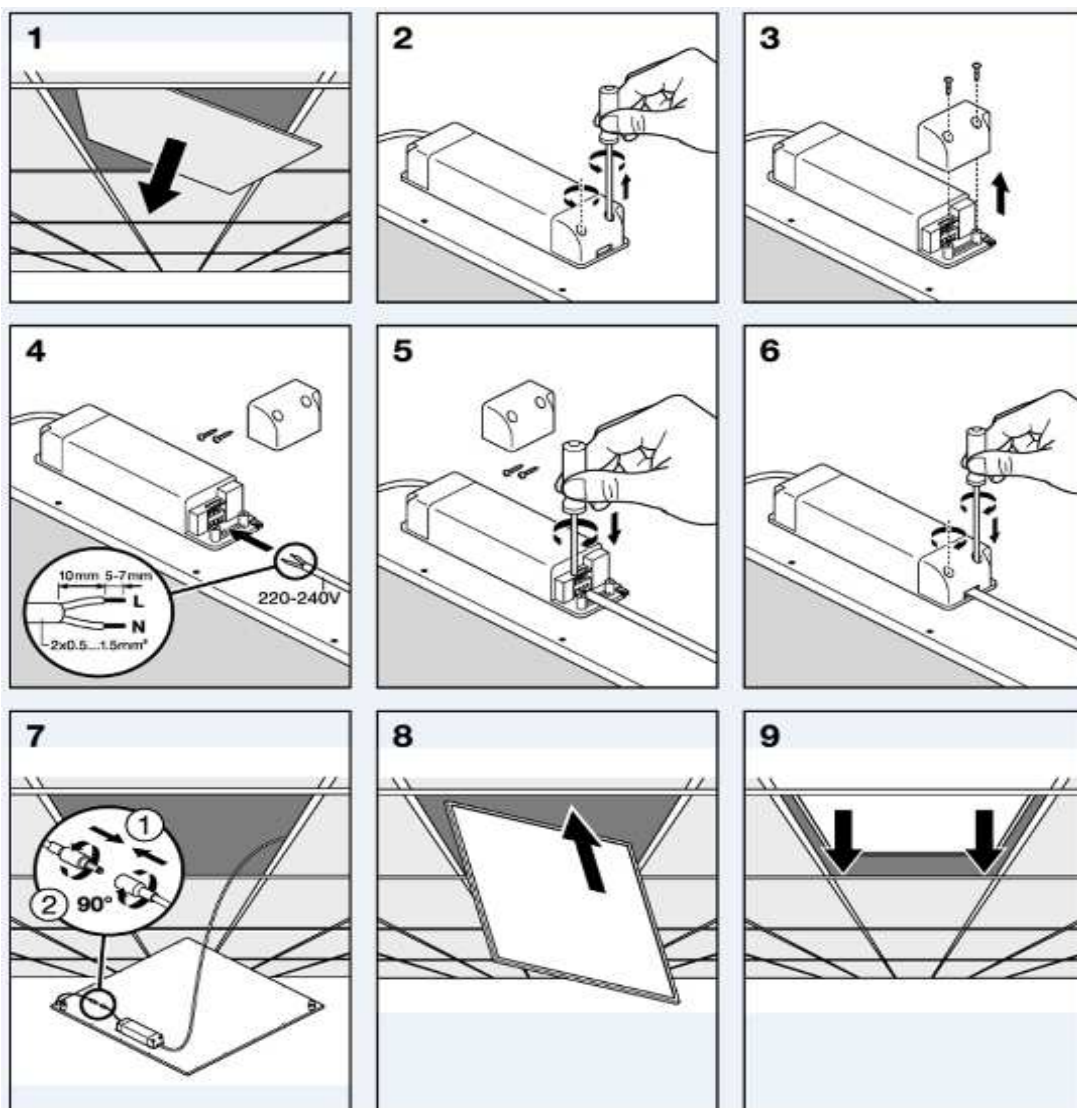
Unit : mm



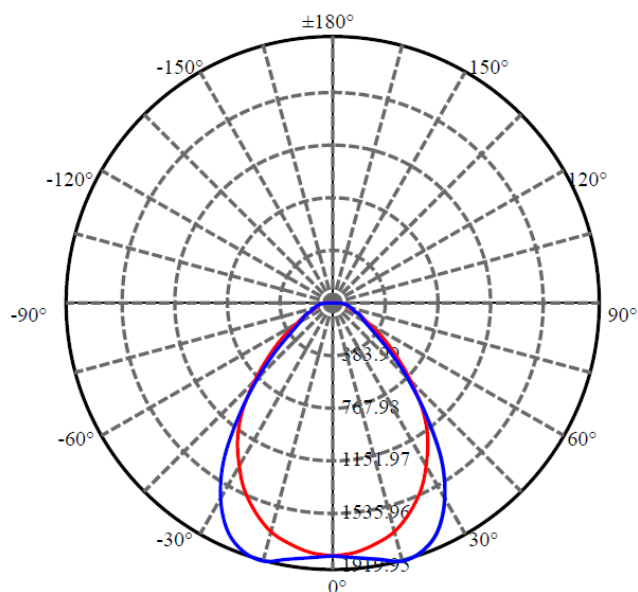
Material Information

1. Frame: Metal
2. Diffuser plate: Plastic
3. Back plate: Metal
4. Power Supply: Plastic

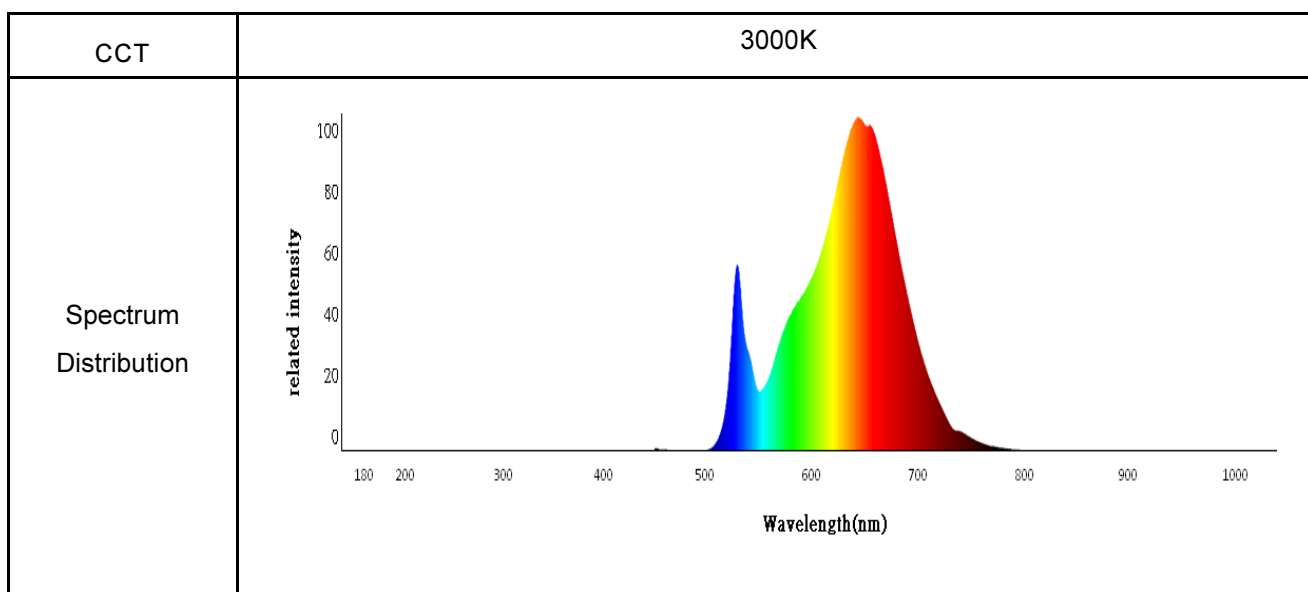
3. Installation Instructions

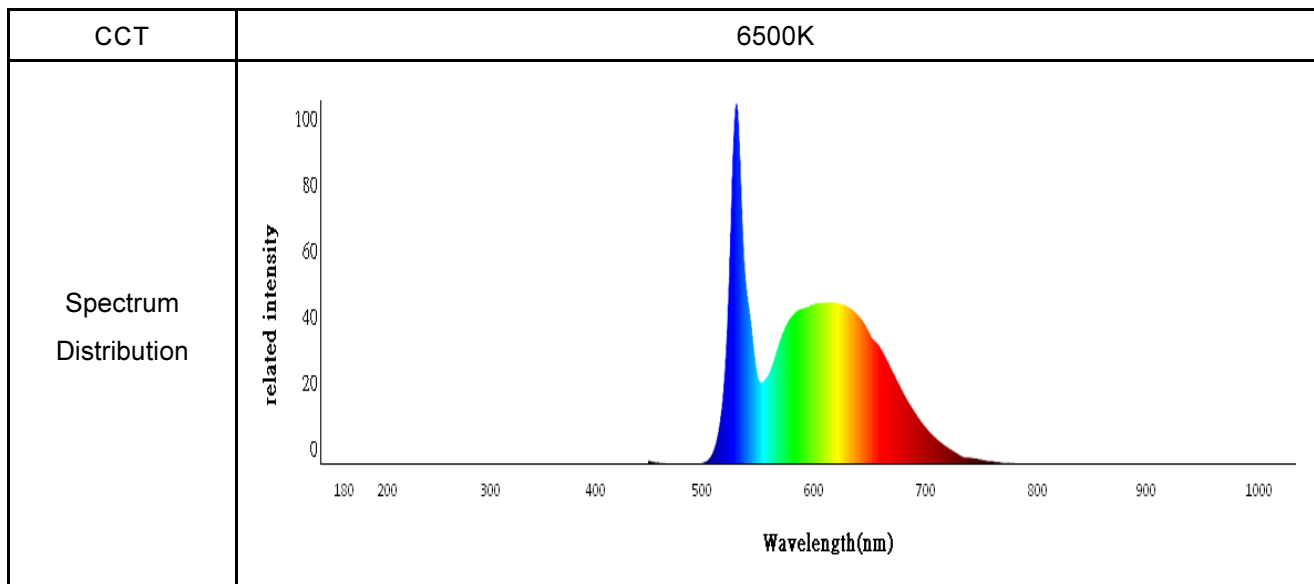
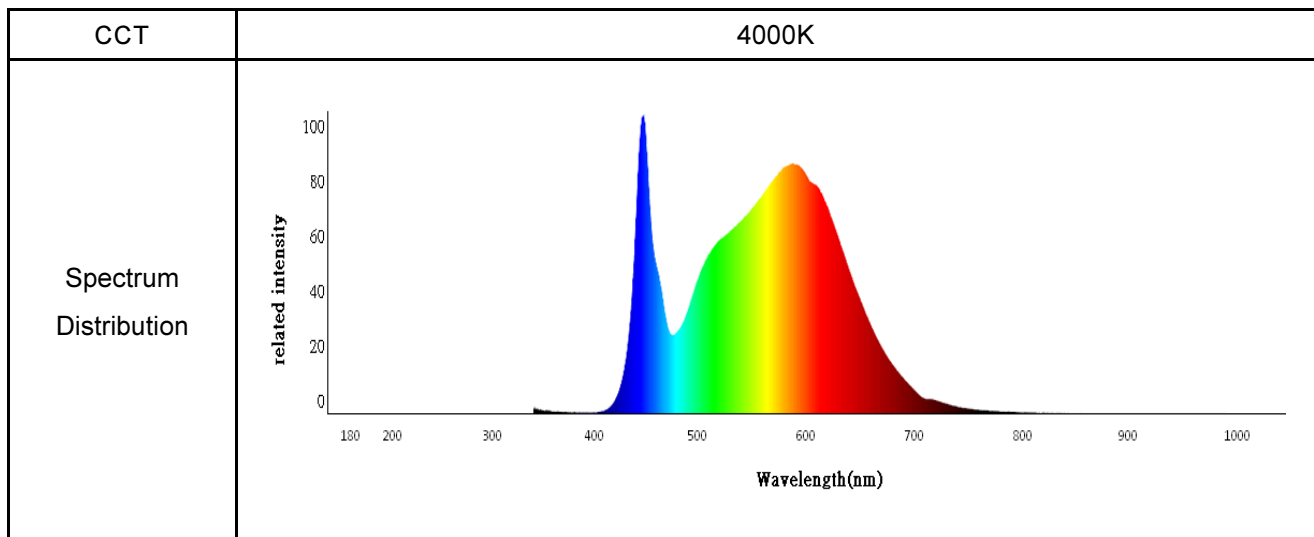


4. Light Distribution Curve



5. Spectrum Distribution





6. Warnings

Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

7. Notes

All characteristics are estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage. In view of the complex manufacturing process for light above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technic individual products may vary from the typical values.

*The product is only used in UOT LED drive (brand: Unity Opto)

8. Logistic information

Model	595x595 30W Panel Light Warm White	595x595 30W Panel Light Neutral White	595x595 30W Panel Light Cool White
P/N	MPS-FL30E030-012Ax	MPS-FL40E030-012Ax	MPS-FL65E030-012Ax
Product Code	01201315461A	01201315465A	01201315469A
Pieces per pack	N/A		
EAN code on pack	4713233154612	4713233154650	4713233154698
Size of pack	680*625*38		
Weight per pack (G.W)	3.61Kg		
Packs per inner box	N/A		
EAN code on inner box	N/A		
ITF code on inner box	N/A -		
Size of inner box	N/A		
Weight per inner box(G.W)	N/A		
Packs per outer box	4		
EAN code on outer box	N/A	N/A	N/A
ITF code on outer box	24713233154616	24713233154654	24713233154692
Size of outer box	695*645*170		
Weight per outer box(G.W)	15.5Kg		
Package box			

9. Business Scheme (Countries)

A. Applicable countries

France, Italy, Belgium, Spain, Morocco, Portugal, Netherlands, Luxembourg, Germany, Turkey, Greece, Austria, Switzerland, Bulgaria, Poland, Hungary, Israel, Sweden, Norway, Ireland, England

Note : The requirement of each country will be reflected to the product specifications, when the products will be shipped to such country.

B. Manufacture

Unity Opto Technology Co., Ltd.

C. Sales channel

B2B flow and B2C