

# LED PANEL LIGHT EDGELIT/SLIM



MODEL # OPT (SLIM /EDGELIT PANEL LIGHT)



100 Lm  
Watt

100-277  
Volt

50000  
Hrs.

IP  
40

## PANEL LIGHT FEATURES

Save up to 70% in energy consumption.

IP40 Ingress Protection

Universal Voltage 100-277 AC / 220-240 AC

High Lumen efficiency

100-110 Lumen/Watt

Uniform light effect with PMMA optic lens

Installation: Recessed, Suspended and Surface Mounted

50000 hours long life time.

Total Harmonic Distortion: <15%

Color Temperature: 3000K 4000K 5000K 6500K.

Driver Input Voltage: 100-277, THD<15, EMC Surge Protection 3750V

Integrated iron plate design provides excellent thermal management

Consise design offers high cost performance

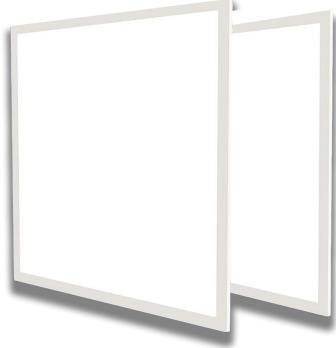
UGR <19

Watt	36 40, 72
Lumen	100-110 LM/WATT
THD	<15%
Voltage	220-240 /100-277V
Life Hours	50,000
POWER FACTOR	>0.9
Color Temperature	3000K4000K 6500K
IP Rating	40

CB CE IECEE SASO NO FLICKER 50000 Hrs. 120 PF>0.9 UGR<19 IP40 100-277V



FRONT VIEW



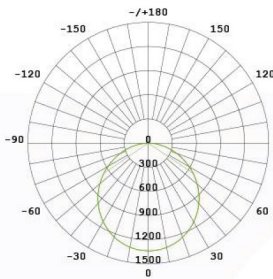
BACK VIEW



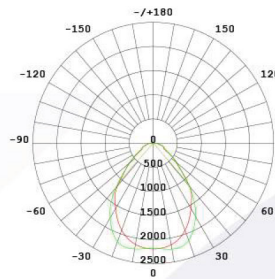
	LED 600X600		LED 300X1200	LED 600X1200
BRAND	OPTIMAL LIGHT		OPTIMAL LIGHT	OPTIMAL LIGHT
MODEL NUMBER	OPT 6060-40N /	36 S	OPT -3012-40N	OPT -6012-72S
WATTAGE	40 WATT	36 WATT	40 WATT	72WATT
LUMEN	4000 LM	3600 LM	4000 LM	7200 LM
EFFICIENCY	100 LM/W		100 LM/W	100LM/W
DIMENSIONS	595 X 595 X 10MM		295 X 1195 X 10MM	595 X 1195 X 10MM
LED CHIPS	HIGH QUALITY SMD2835		HIGH QUALITY SMD2835	HIGH QUALITY SMD2835
CCT	3000K / 4000K / 6500K		3000K / 4000K / 6500K	3000K / 4000K / 6500K
CRI	>80		>80	>80
INPUT VOLTAGE	100-277 V AC / 220-240 V		220-240 V AC	100-277 V AC
FREQUENCY	50/60 Hz		50/60 Hz	50/60 Hz
BEAM ANGLE	120		120	120
FLICKERING	NON FLICKERING		-	NO FLICKERING
POWER FACTOR	>0.9		>0.9	>0.9
DISPLACEMENT FACTOR	0.5		0.5	0.5
THD	<15%		<15%	<15%
SURGE PROTECTION	3750V		3750V	3750V
LIFE SWITCHES TIMES	15000		15000	15000
WORKING TEMPERATURE	-20 - +40		-20 - +40	-20 - +40
LIFE TIME	50,000 Hours		50,000 Hours	50,000 Hours
INGRESS PROTECTION	40 / 65 ( Optional)		40 / 65 ( Optional)	40 / 65 ( Optional)
WARRANTY	FIVE YEARS		FIVE YEARS	FIVE YEARS



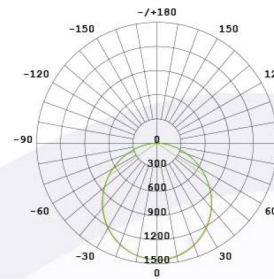
## ► Light Distribution Curve:



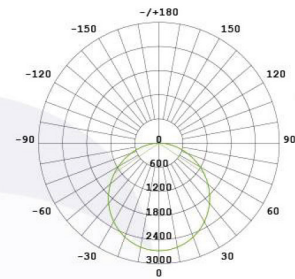
OPT-6060-36S



OPT-6060-40S



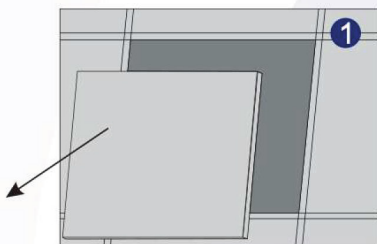
OPT-3012-40N



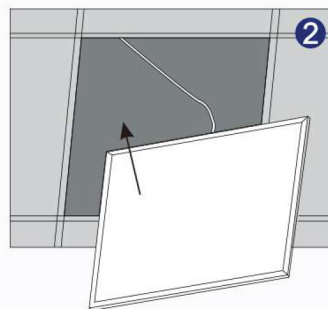
OPT-6012-72S

## ► Installation:

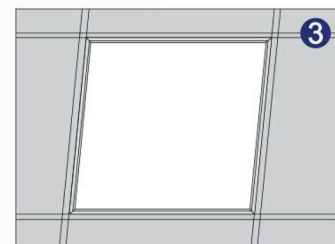
### Recession Installation



1.Remove the plasterboard from the ceiling.

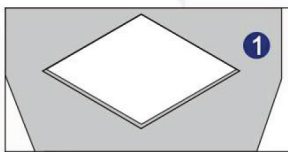


2.Fix the panel into ceiling

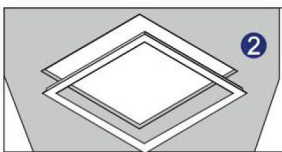


3.Installation finished

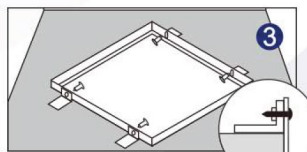
### Recessed Frame MG-M002



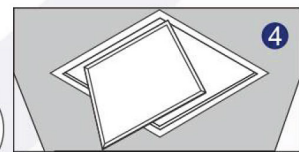
1.Open a hole on the ceiling.



2.Fix the frame to the hole.

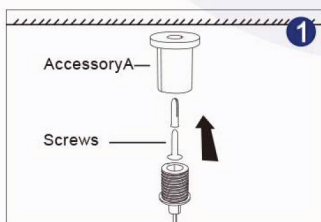


3.Fix the frame to the ceiling with the screws and "L" accessory.

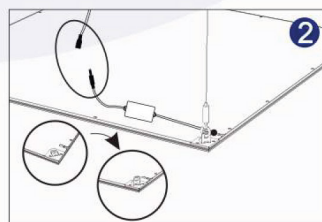


4.Put the panel into the frame.

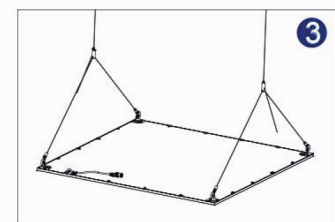
### Suspension Installation MG-D001



1.Screwing accessories A in ceiling.



2.Upward hook on 4 corners, for suspending.



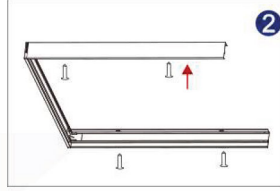
3.Finished installation.



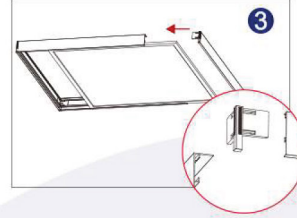
## Suspension Installation MG-D001



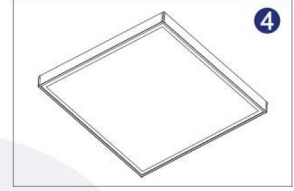
1. Assemble the 3 pieces of frame by metal bracket.



2. Fix the square frames to ceiling with Screw.

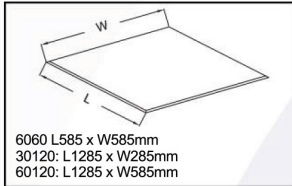


3. Insert the panel into frames and fix the cover plate frame.

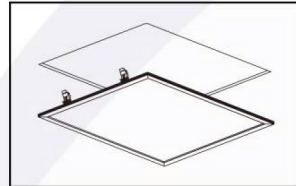


4. Finished frame installation.

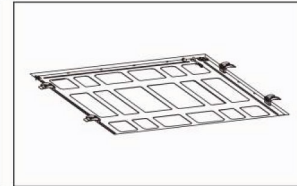
## Spring Installation MG-P01



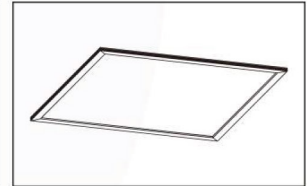
1. Open a hole on the ceiling with the size noted on the drawing.



2. Pull up the springs.



3. Install the panel to the hole.



4. Fix the panel to the ceiling.

## ► Size And Packing:

Item	Product size(mm)	Packing size(mm)	N.W.(kg)	G.W.(kg)
OPT-6060-36S	595*595*10mm	655x200x705mm	2.4	2.8
OPT-6060-40S	595*595*10mm	655x200x705mm	2.4	2.8
OPT-3012-40N	295*1195*10mm	1255x200x405mm	2.4	3
OPT-6012-72S	595*1195*10mm	1255x140x705mm	4.6	5.8

## ► Materials:

Product Colour/Powder Coating RAL no: RAL9016	LGP material: PMMA
Frame: Aluminum	Diffuser material: PS

## ► Product Dimension:

