

# LED PANEL LIGHT BACKLIT

MODEL # OPT BL ( BACKLIT PANEL LIGHT)

MODEL # OPT BLP ( BACKLIT PANEL LIGHT)



120 Lm  
Watt

100-277  
Volt

50000  
Hrs.

IP  
40

|                   |                   |
|-------------------|-------------------|
| Watt              | 40, 45, 64        |
| Lumen             | 110-120 LM/WATT   |
| THD               | <15%              |
| Voltage           | 100-277 VOLT AC   |
| Life Hours        | 50,000            |
| POWER FACTOR      | >0.9              |
| Color Temperature | 3000K 4000K 6500K |
| IP Rating         | 40                |

## PANEL LIGHT FEATURES

Save up to 70% in energy consumption.

IP40 Ingress Protection

Universal Voltage 100-277 AC

High Lumen efficiency

120 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 Su

Integrated iron plate design provides excellent thermal management

Consise design offers high cost performance

UGR <19

Options: 3 Hrs. Emergency / IP65 / IP66 / DALI / 0-10 Vol Dimming / Triac Dimming / Sensor/Hospital

NO FLICKER

50000 Hrs.

120

PF>0.9

UGR<19

IP40

100-277V



**CB IECEE SASO ISO9001**



# LED PANEL LIGHT BACKLIT

| PARAMETERS          | LED 600X600             |             | LED 300X1200          | LED 600X1200          |
|---------------------|-------------------------|-------------|-----------------------|-----------------------|
| BRAND               | OPTIMAL LIGHT           |             | OPTIMAL LIGHT         | OPTIMAL LIGHT         |
| MODEL NUMBER        | OPT -BL6060-40          | BLP6060-40  | OPT -BL3012-45        | OPT -BL6012-64        |
| WATTAGE             | 40 WATT                 | 40 WATT     | 45 WATT               | 64 WATT               |
| LUMEN               | 4400 LM                 | 4800 LUMEN  | 5000 LM               | 7400 LM               |
| EFFICIENCY          | 110 LM/W                | 120 LUMEN/W | 110 LM/W              | 115LM/W               |
| DIMENSIONS          | 595 X 595 X 30MM        |             | 295 X 1195 X 30MM     | 295 X 1195 X 30MM     |
| 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            |             | 100-277 V AC          | 100-277 V AC          |
| FREQUENCY           | 50/60 Hz                |             | 50/60 Hz              | 50/60 Hz              |
| BEAM ANGLE          | 120                     |             | 120                   | 120                   |
| FLICKERING          | NO FLICKERING           |             | NO FLICKERING         | NO FLICKERING         |
| POWER FACTOR        | >0.9                    |             | >0.9                  | >0.9                  |
| D- FACTOR           | 0.5                     |             | 0.5                   | 0.5                   |
| THD                 | <15%                    |             | <15%                  | <15%                  |
| SURGE PROTECTION    | 3750V                   |             | 3750V                 | 3750V                 |
| LIFE SWITCHES TIMES | 15000                   |             | 15000                 | 15000                 |
| WORKING TEMP        | -20 - +40               |             | -20 - +40             | -20 - +40             |
| LIFE TIME           | 50,000 Hours            |             | 50,000 Hours          | 50,000 Hours          |
| INGRESS PROTECTION  | 40 / 65 /66 ( Optional) |             | 40 / 65 ( Optional)   | 40 / 65 ( Optional)   |
| WARRANTY            | FIVE YEARS              |             | FIVE YEARS            | FIVE YEARS            |

**OPTIONS:** 3 Hrs Emergency / 0-10 Volt Dimming / Phase -Triac Dimming / Dali / IP65 - IP66  
Motion Sensor / IP65 Antibacterial Hospital Panel

Mounting Options: Pendant Mounting

Recessed /Gypsum

Surface Mounting



# LED PANEL LIGHT BACKLIT



High Quality Led  
Pmma Optic Lens

100-277 Volt  
50/60 Hz

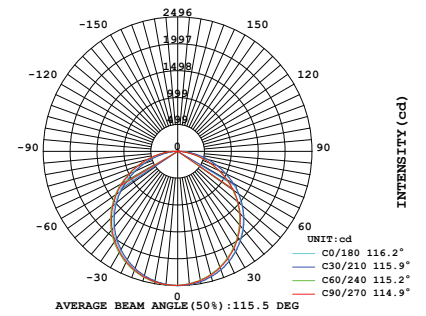
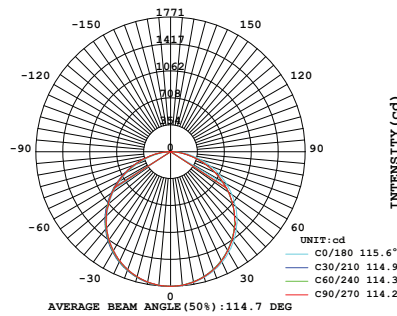
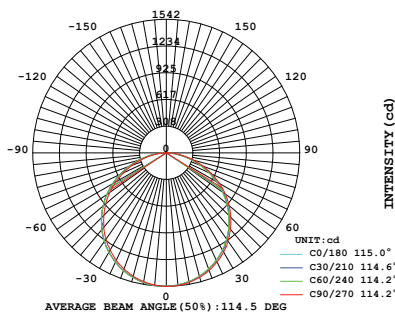
Housing

## LUMINOUS INTENSITY DISTRIBUTION

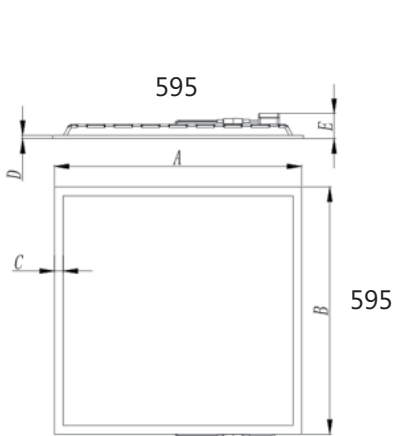
600 x 600 40W

300 x 1200 45W

600 x 1200 64W

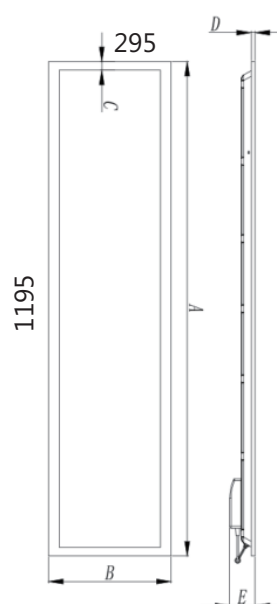


## PRODUCT DIMENSION

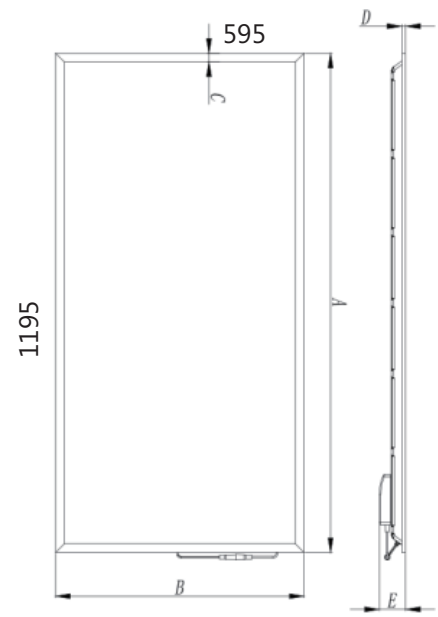


OPT-BL6060  
OPT-BLP 6060

Measurement: mm



OPT-BL30120



OPT-BL60120