

WBT^{SR} – The IP65 LED Backlit panel



ValueEngineeredLighting
ARCHITECTURAL LIGHTING PRODUCTS



Description

IP65 panel is suitable for clean room, food factory, kitchen, hospital, aisle, spray shop, etc. wet location.

Features

- * IP65 | IK06 (For Sidelit)
- * Back light panel with pmma lens with 10 years life.
- * Warranty: 5 years , 50,000hrs life design for driver and LED
- * Input Voltage: 100-277Vac | 0-10V dimmable
- * High efficiency, up to 130lm/W DLC 5 PREMIUM
- * FLICKER-FREE

Application

- * Kitchen
- * Clean room
- * Underground parking garage
- * Workshop
- * Hospital



Model List

| Model | Size | Power (w) | LPW (lm/w) | Brightness(lm) | | LED Q'ty | LED Class | Package CTN | | | Q'ty | |
|-------------|------|-----------|------------|----------------|------|----------|-----------|--------------|--------|--------|------|------|
| | | | | CW/NW | WW | | | Ctn Size(mm) | G.W kg | N.W kg | CTN | 40HQ |
| WBT.2X2.30W | 2X2 | 30 | 125 | 3750 | 3450 | 48 | P195 | 645x226x650 | 9.10 | 8.00 | 4 | 2880 |
| WBT.2X4.50W | 2X4 | 50 | 125 | 6250 | 5750 | 72 | P195 | 1255x226x650 | 17.50 | 16.40 | 4 | 1472 |

Specification

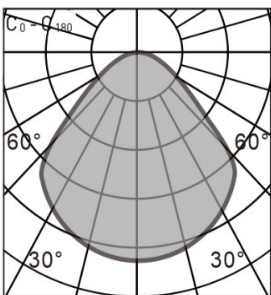
Optical Parameters

| | |
|----------------|--|
| CCT | 2700K-5000K |
| CRI(Ra) | 80 |
| SDCM | 6 (for 3000K, 4000K, 5000K CCT, and attention) |
| UGR | 22 |
| Beam angle | 120° |
| Lamp Color RAL | White (RAL 9003) |
| | Lens: PMMA |
| Material | Frame: aluminum |
| | Back cover housing: White painted iron plate |

Electrical Parameters

| | |
|-------------------------|---------------------------------------|
| Dimming | 0-10V 10%-100% |
| Input voltage | 100-277Vac 50/60Hz 347V(Optional) |
| PF | 0.95 |
| PE | 0.88 |
| Over load/short Circuit | Protection |
| Driver Connection | Fixed on edge of panel |
| Hi-pot Test Range | SELV Isolated Driver, 1750Vdc/5mA/60S |

Polar Curves Wide Distribution



Lambertian Normal

Life

| | |
|---------------------|---|
| Warranty | 5 years |
| L70B30 | 100,000+ hours |
| L80B10 | 80,000 hours |
| L90B10 | 50,000 hours |
| Driver failure rate | 0.2% per 5000 hours |
| maintenance | Optical module sealed for life; no internal cleaning required |

Installation Information

| | |
|-----------------------------|--|
| Average ambient temperature | Average ambient : +25 °c Operating temperature range: -10 to +40 °C |
| Ceiling type | Exposed T-bar ceiling |
| Light source | Non-replaceable LED module |
| IP | Total lamp IP65 |
| IK | IK02 |
| Remarks | It can not be used in outdoor or under the water. |



Default

Recessed Grid Ceiling | Manual: [93701](#)



Accessory

Surface Mounted Frame | Manual: [93704](#)

PJB.XDK2.M.2X2(size 2x2)
PJB.XDK2.M.1X4(size 1x4)
PJB.XDK2.M.2X4(size 2x4)



Accessory

Wire Suspended | Manual: [93705](#)

PJB.DJ002-2 (size 2x2 1x4)
PJB.DJ002-3 (size 2x4)



Accessory

Recessed Plasterboard Grids Clips | [93404](#)

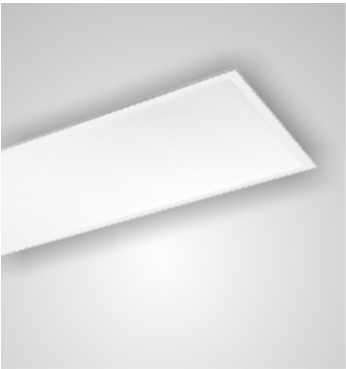
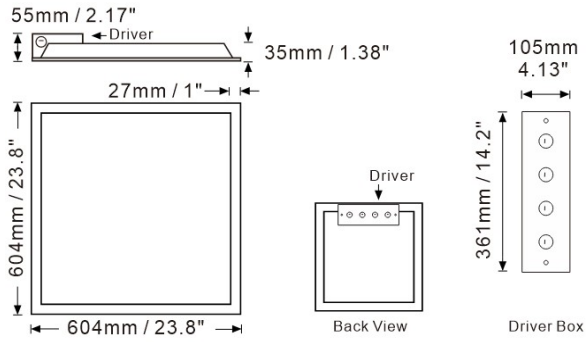
PJB.QRSK.UL2X2.V1 (size 2x2)

Photo | Dimension - WBTP

unit: mm



Size: 2x2



Size: 2x4

