



Products that carry this brand are adjusted to the restriction of dangerous substances



All our products are recyclable and do not contaminate the environment



The Certificate of Conformity of Europe (Mark CE) is a mark to indicate that the product to which it is fixed is in conformity with Managing European norms of the Products safety union. These instructions of the UR apply to all the products used inside the European Economic Zone.

The lights have spare life of 50 000h

Advantages of the LED Intelligent Lights

Less energy consumption: In general, a LED lamp consumes 65% less than the fluorescent, 80% less than the incandescent and halogen and 50% of the low-consumption.

Cleaner: do not contain mercury or other heavy metals and emit less CO₂ to achieve the same lighting as a result of their low power consumption. In addition do not radiate ultraviolet or infrared.

Durability and good maintenance of the luminous flux:

The durability of a LED lamp is 50,000 hours.

Quick Start: great advantage over compact fluorescent lamps.

Generate little heat: Do not burn when you touch them although they carry hours lit and save energy in air conditioning in summer to not emit heat.

Great variety of color: They are available in several colors with a price similar to white light standard.

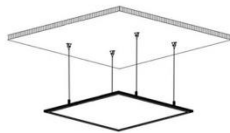
Ease of maintenance: the refitting of the LED lights is very simple and does not require skilled labor.

Great possibilities of design: The variety of sizes, colors, and the total regulation of intensity allows possibilities decorative and functional endless.

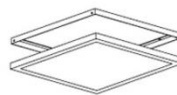
PANEL LED LIGHT



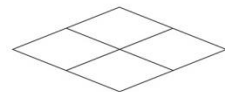
PANEL 42W/B
PL6060/BL-AL



Suspende



Mounted



Incorporated

Color:



White Aluminum

LED Panel Light Series(600*600mm)



1. Features of LED Panel

1. Standard level 80 lm/W, high level of 90 lm/W
2. More function for option: Non-dimmable/Triac Dimmable/0(1)-10V Dimmable/Dali Dimmable
3. More installation for option:
 - A. Surface-mounted/Flush-mounted for small LED Panel Light
 - B. Recessed/Surface-mounted/Flush-mounted/Suspended for big LED Panel Light
4. UL/CE/RoHs approval

Electrical Characteristics

Item	Unit	XP-MB-D40W-26	XP-MB-D44W-26	XP-MB-D48W-26
Rated Voltage	V	AC100-240V	AC100-240V	AC100-240V
Rated Frequency	Hz	50/60	50/60	50/60
Rated Power	W	40±2W	40±2W	40±2W
LED Power	W	38.4W	42W	46W
Input Current	A	≤0.47	≤0.51	≤0.55
Power Factor	PF	≥0.9	≥0.9	≥0.9
Dimmable	--	YES	YES	YES
Dim-method	--	0/1-10V, DALI, Silicon Controlled		
Insulation class	--	III	III	III
IP Class	--	IP40	IP40	IP40
Certification	--	CE	CE	CE

LED Panel Light Series (600*600mm)

Optical Characteristics

Item	Unit	XP-MB-D40W-26	XP-MB-D44W-26	XP-MB-D48W-26
LED Quantity	PCS	192	208	228
LED Type	--	SMD 2835	SMD 2835	SMD 2835
Light Method	--	Side Lit/Diffuser+ LGP		
Beam angle	Degree	>120	>120	>120
Luminous Flux	CW-LM	3400±8%	3960±8%	4080±8%
	WW-LM	3200±8%	3700±8%	3840±8%
Light Efficiency	CW-LM/W	85LM/W±8%	85LM/W±8%	85LM/W±8%
	WW-LM/W	80LM/W±8%	80LM/W±8%	80LM/W±8%
Color Temperature	K	2700-6500K	2700-6500K	2700-6500K
Color Index	Ra	≥80	≥80	≥80
Illuminance	Lux@1M	1365±8%	1580±8%	1754±8%
	Lux@2M	341.21±8%	400.2±8%	438.6±8%
	Lux@3M	151.61±8%	166.80±8%	194.9±8%

Environmental Characteristics

Item	Unit	XP-MB-D40W-26	XP-MB-D44W-26	XP-MB-D48W-26
Working Environment	°C	-20~45°C	-20~45°C	-20~45°C
Working Environment	RH	0~90%	0~90%	0~90%
Storage Environment	°C	-20~50°C	-20~50°C	-20~50°C
Storage Humidity	RH	0~80%	0~80%	0~80%
Design Lifetime	H	>40000	>40000	>40000
Working Lifetime	H	>40000	>40000	>40000

Dimension/Packing/Packing Standard

Item	Unit	XP-MB-D40W-26	XP-MB-D44W-26	XP-MB-D48W-26
Lamp Dimension	MM	595*595*10.5	595*595*10.5	595*595*10.5
Hole Size	MM	---	---	---
Installation Method	--	Ceiling Suspended/Built-in		
Packing Size/2pcs	MM	650*85*675	650*85*675	650*85*675
Dimension/CTN	MM	70*210*740	70*210*740	70*210*740
Quantity/CTN	PCS	4	4	4
Unit Weight	KG	3.5	3.5	3.5
Carton Gross Weight	KG	19.5	20.0	20.3

2. Application of LED Light Panel

1. Store, plaza, mall, supermarket, department, flat and warehouse lighting
2. Counter, display window, show room and museum lighting
3. School, hospital, office, meeting room, home, residential area lighting
4. Bar, restaurant, hotel, film cinema, coffee bar, dining room, hall and lobby lighting
5. Parking ground, subway station, railway station, airport, and other indoor public places
6. Other Indoor occasions