

Benchmark Plus
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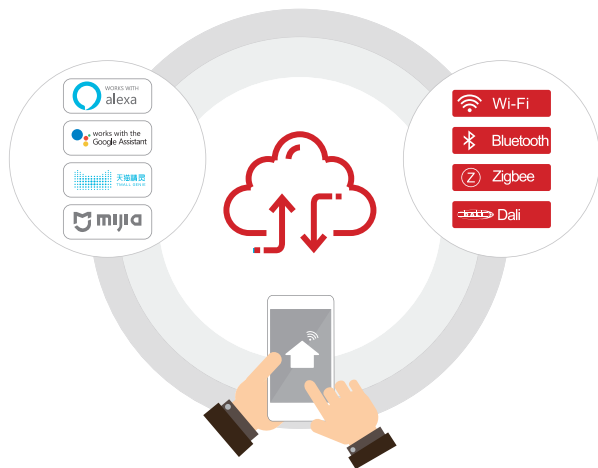


BENCHMARK

Smart Home
Smart Office
Smart life leads the future

Cloud Platform

All smart home devices can apply to smart home cloud platform like Amazon, Google, Alibaba and Xiaomi.



Remote control



Color temperature adjustment



Appointment timing



Scene linkage



Mode adjustment



ENJOY **SMART LIFE**

>>>>



BENCHMARK

TRANSPARENT

Panel Light

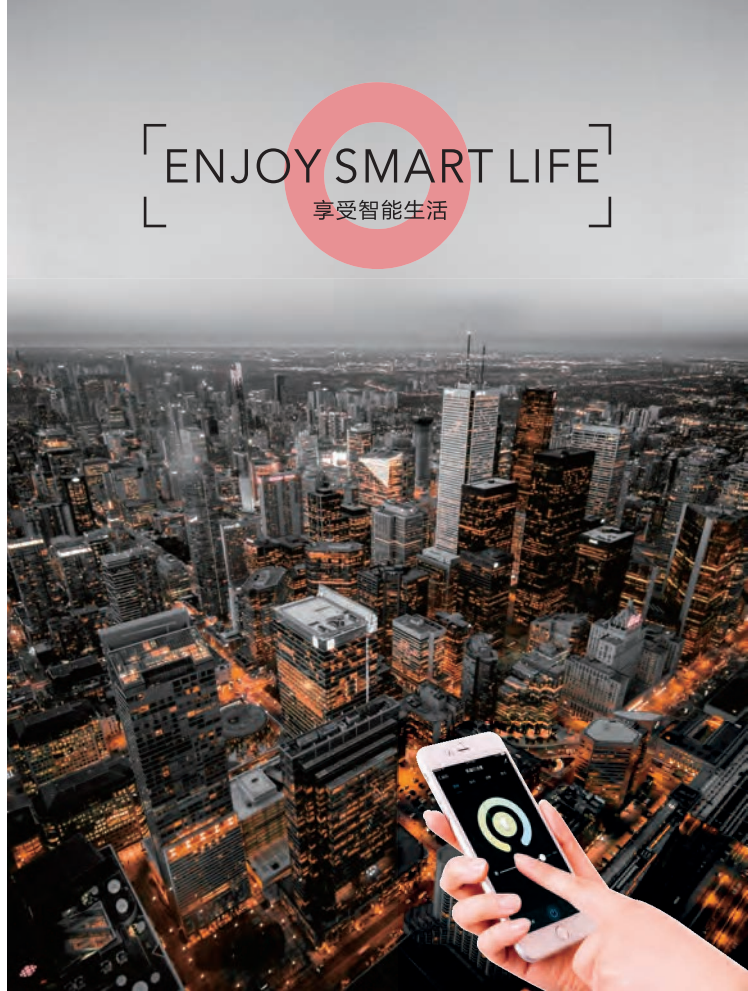
We are the first professional transparent panel lighting solution provider for completely series in the world.

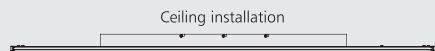
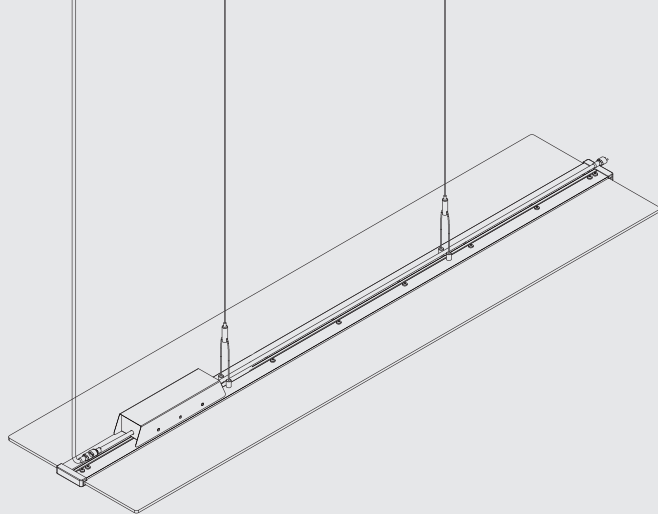
We have Eu and Chinese domestic patent, USA and Japan patent is applying. Fashion appearance design with superior heat dissipation structure.

Smart lighting system of CCT and Brightness dimmable.

Master lighting and auxiliary lighting can be controlled and adjusted independently.

Connectable structure for F1&F2 make panel light can be connected in a string for a long distance.





Ceiling installation



Transparent Panel Light

Product Advantage

A novel and fashion design integrated with humanization and technology
High CRI,high luminous efficiency to assure the best Lighting Performance.



MITSUBISHI
laser point



EU certification
No 005155017-0001



High quality light source
The light uniformity
is up to 90%

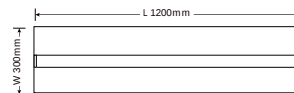


Chips: Bridge lux

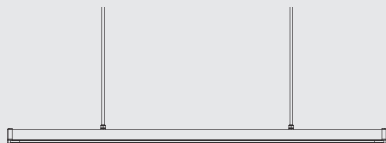
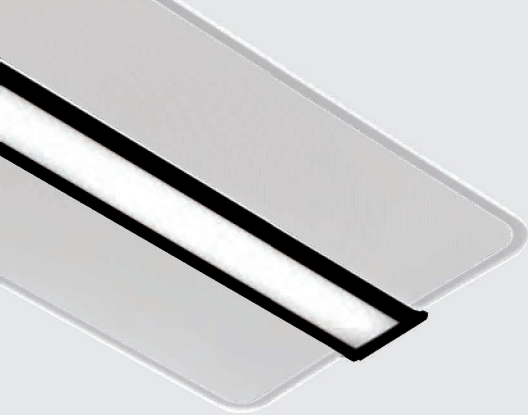


Transparent Panel Light

[F1 Series]



	Non Dimmable	CCT Dimmable	Brightness Dimmable
Model	BM-TPL24040	BM-TPL24040	BM-TPL24040
Voltage	AC 200~240 V	AC 100-240V	AC 100-240V
CRI	≥80	≥80	≥80
LM/W	100	80	100
Watt(W)	40	40	40
Lumen	4000	3200	4000
PF	>0.9	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K~6500K	3000K/4000K/6500K
Beam Angle	140°	140°	140°
Warranty	3/5 years	3/5 years	3/5 years



Transparent Panel Light

Product Advantage

A novel and fashion design integrated with humanization and technology
High CRI,high luminous efficiency to assure the best Lighting Performance.



MITSUBISHI
laser point



Chips:Bridge lux



High quality light source
The light uniformity
is up to 90%



No 005155017-0001

Utility model patent
Patent number : 201720117297.9

Design patent
Patent number : 201730122168.4



Transparent Panel Light

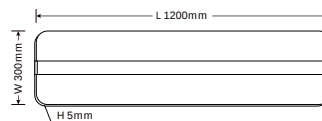
[F2 Series]



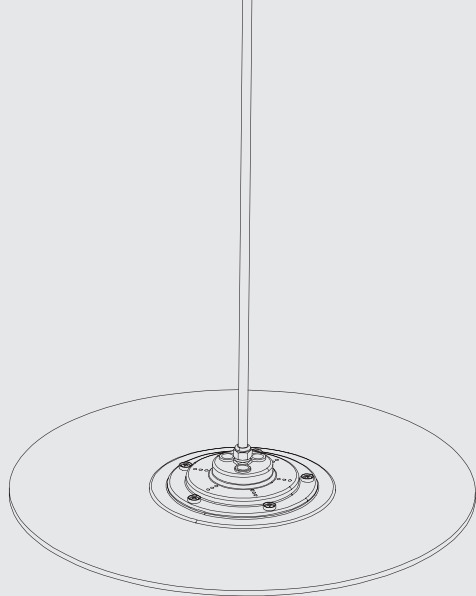
CCT Dimmable



Brightness Dimmable



	Non Dimmable	CCT Dimmable	Brightness Dimmable
Model	BM-TPL24040	BM-TPL24040	BM-TPL24040
Voltage	AC 200~240 V	AC 100-240V	AC 100-240V
CRI	≥80	≥80	≥80
LM/W	100	80	100
Watt(W)	40	40	40
Lumen	4000	3200	4000
PF	>0.9	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K~6500K	3000K/4000K/6500K
Beam Angle	140°	140°	140°
Warranty	3/5 years	3/5 years	3/5 years



Transparent Panel Light

Product Advantage

A novel and fashion design integrated with humanization and technology
High CRI,high luminous efficiency to assure the best Lighting Performance.



High quality light source
The light uniformity
is up to 90%



MITSUBISHI
laser point



Chips:Bridge lux



EU certification
Patent number : 005155017-0004(round)
005155017-0003(square)

Utility model patent
Patent number : 201621189489.2
201720117331.2

Design patent
Patent number : 201730122167.X
201630536726.7



Transparent Panel Light

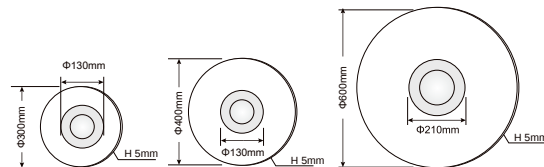
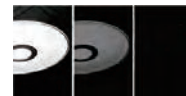
[F3 Round]



CCT Dimmable



Brightness Dimmable



	Non Dimmable			Brightness Dimmable			CCT Dimmable		
	12W	20W	30W	15W	20W	30W	15W	20W	30W
Model	BM-TPL00015	BM-TPL00020	BM-TPL00030	BM-TPL00015	BM-TPL00020	BM-TPL00030	BM-TPL00015	BM-TPL00020	BM-TPL00030
Voltage	AC 200~240 V	AC 200~240 V	AC 200~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80
LM/W	100	80	80	80	80	80	70	70	70
Lumen	1200	1600	2400	1200	1600	2400	1050	1400	2100
PF	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000~6500K	3000~6500K	3000~6500K
Beam Angle	140°	140°	140°	140°	140°	140°	140°	140°	140°
Warranty	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years



Transparent Panel Light

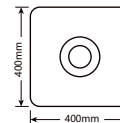
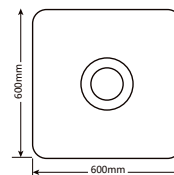
[F3 Square]



CCT Dimmable



Brightness Dimmable



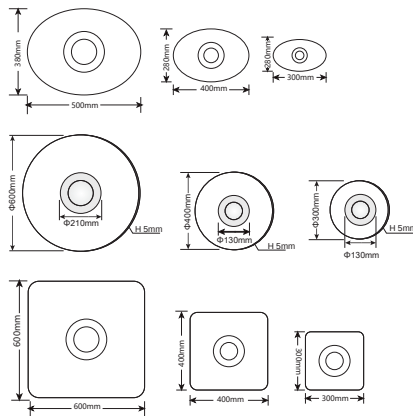
	Non Dimmable			Brightness Dimmable			CCT Dimmable		
	12W	20W	30W	15W	20W	30W	15W	20W	30W
Model	BM-TPL00015	BM-TPL00020	BM-TPL00030	BM-TPL00015	BM-TPL00020	BM-TPL00030	BM-TPL00015	BM-TPL00020	BM-TPL00030
Voltage	AC 200~240 V	AC 200~240 V	AC 200~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V	AC 100~240 V
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80	≥80
LM/W	100	80	80	80	80	80	70	70	70
Lumen	1200	1600	2400	1200	1600	2400	1050	1400	2100
PF	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000K/4000K/6500K	3000~6500K	3000~6500K	3000~6500K
Beam Angle	140°	140°	140°	140°	140°	140°	140°	140°	140°
Warranty	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years	3/5 years



The product is widely used in building lighting, stage lighting, decorative lighting and special lighting areas.

Transparent Panel Light

[F3 RGB/RGBW]



	Φ 300 x H38mm 300 x 300 x H38mm	Φ 400 x H38mm 400 x 400 x H38mm	Φ 600 x H38mm 600 x 600 x H38mm
Model	BM-TPL00015	BM-TPL00020	BM-TPL00030
Voltage	AC 200~240 V	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80	≥80
Watt(W)	12	12	15
PF	>0.9	>0.9	>0.9
Lumen	4000	3200	4000
CCT	RGB	RGB	RGB/RGBW
Beam Angle	140°	140°	140°
Warranty	3/5 years	3/5 years	3/5 years



Patent

Utility Patent -----	201620079947.0
	201620274492.8
Appearance Patent -----	201630107711.9





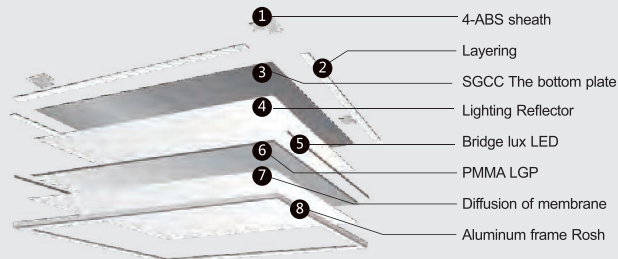
PRODUCTS DEVELOPING

 Independent Invention Patent

 System Verification Test

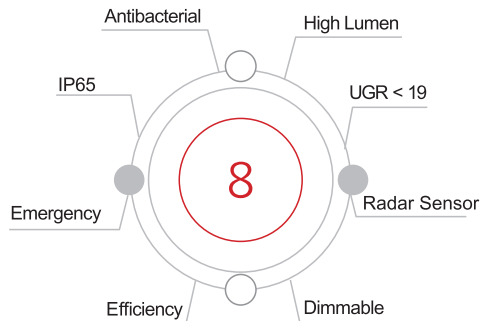
 Unique Structure Design

 Be superior in material



Powerful Functional Design

E series panel lamps have multiple functions to meet the needs of different occasions. Only the best quality lamp beads and profiles are selected, the products are more beautiful and the service life is longer.



PRODUCTS ADVANTAGE

Unique patent design, to ensure super long lifespan and low lighting decay.

Chips: Hongli , Bridge lux
Wire Solder: Pure gold
Package: Silicone + Internatix phosphors
Bracket: Copper, good heat conduction
Long life

Material : PMMA
Craftwork: Laser printing
100% raw material and casting from Mitsubishi

Simple installation
Uniform Light Distribution
Soft & Even Lighting Effect

Appearance:
The back plate layering structure
Welding before painting
DC outlet is authenticated by VDE

E-Series Noble Edition

Accounts and advanced ones according to the needs of customers.

The premium series is made of better quality materials with longer shelf life.

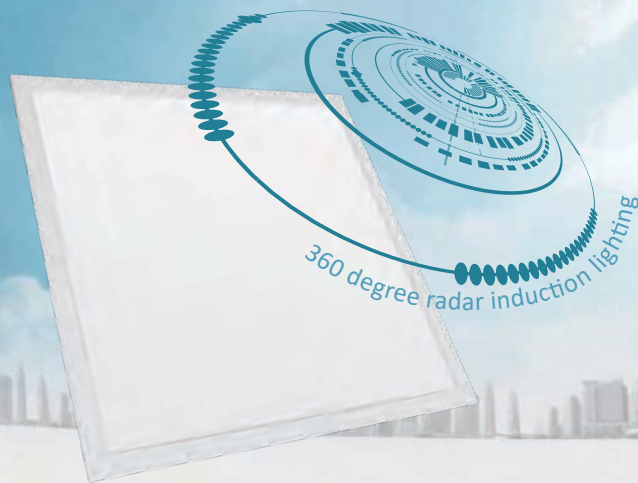
At the same time, the advanced series will develop towards smart panel lights.

With the development of intelligent technology, intelligent life has become an inevitable trend.

Smart lighting is opening a green energy-saving, environmental protection and healthy life for people.

To create infinite possibility of better life for the future of human.

RADAR SENSOR SMART



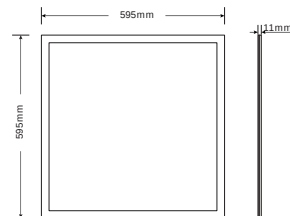
E-Noble Edition

[Radar sensor]



360 degree radar induction lighting,
0-10 meters induction range adjustable, lamps and lanterns
Through the object moving signal conversion to electrical
Signal (Doppler effect) control of the light off.

	595X595X11mm
Model	BM-PL23040
Voltage	AC 200~240 V
CRI	≥80
LM/W	100
Watt(W)	40W
Lumen	4000
PF	>0.9
CCT	4000K / 6500K
Beam Angle	120°
Warranty	5 years





Emergency Panel Light

After power off emergency panel light can continue lighting for 2~3 hours at 2.5W

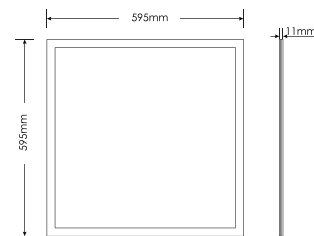
E-Noble Edition

[Emergency]



Widely used in hospitals, schools, offices, public lobbies, hotels etc.

	595X595X11mm
Model	BM-PL23040
Voltage	AC 200~240 V
CRI	≥80
LM/W	100
Watt(W)	40W
Lumen	4000
PF	>0.9
CCT	4000K / 6500K
Beam Angle	120°
Warranty	5 years





Nanocomposite

Mainly compose: TiO₂

Type: Anatase

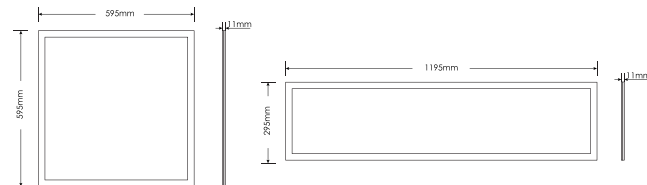
Antibacterial in matt environment
Long life time

E-Noble Edition

[Antibacterial]



Antibacterial environmental protection non-toxic strong adhesion
self clean mildew
Widely used in hospitals, schools, offices, public lobbies, hotels etc.



	595X595X11mm	295X1195X11mm
Model	BM-PL23040	BM-PL24040
Voltage	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80
LM/W	100	100
Watt(W)	40W	40W
Lumen	4000	4000
PF	>0.9	>0.9
CCT	4000K / 6500K	4000K / 6500K
Beam Angle	120°	120°
Warranty	5 years	5 years



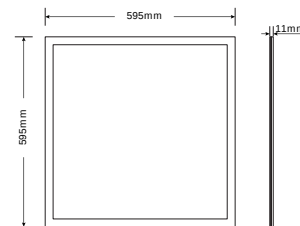
E-Noble Edition

[130lm/w]



**Energy saving and
environmental protection**

	595X595X11mm
Model	BM-PL23040
Voltage	AC 200-240 V
CRI	≥80
LM/W	130
Watt(W)	40W
Lumen	5200
PF	>0.9
CCT	4000K / 6500K
Beam Angle	120°
Warranty	5 years



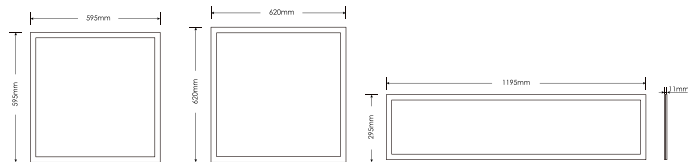


Driver:
Benchmark private brand

E-Noble Edition



[80lm/w]
[100lm/w]



	595X595X11mm	620X620X11mm	295X1195X11mm
Model	BM-PL23040	BM-PL23040	BM-PL24040
Voltage	AC 200~240 V	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80	≥80
LM/W	100	80/100	100
Watt(W)	40W	40W	40W
Lumen	4000	3200/4000	4000
PF	>0.9	>0.9	>0.9
CCT	4000K / 6500K	4000K / 6500K	4000K / 6500K
Beam Angle	120°	120°	120°
Warranty	5 years	5 years	5 years



IP 54

Rated Front Appearance

Waterproof
panel light

E-Noble Edition

[IP54]



Instant start, no flicker, noise, UV, dark area and light leak.

Ultra-thin 11mm.

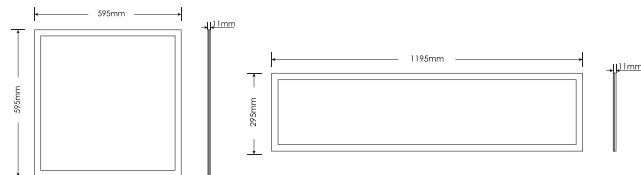
90% light transmittance, aluminum alloy of high thermal conduction as lamp shell.

High efficiency and energy-saving, no shadow.

THD<15%, PF≥0.9.

Easy to install with variety methods.

Large adaptation of voltage with different power solution.



	595X595X11mm	295X1195X11mm
Model	BM-PL23040	BM-PL24040
Voltage	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80
LM/W	100	100
Watt(W)	40W	40W
Lumen	4000	4000
PF	>0.9	>0.9
CCT	4000K / 6500K	4000K / 6500K
Beam Angle	120°	120°
Warranty	5 years	5 years

C3

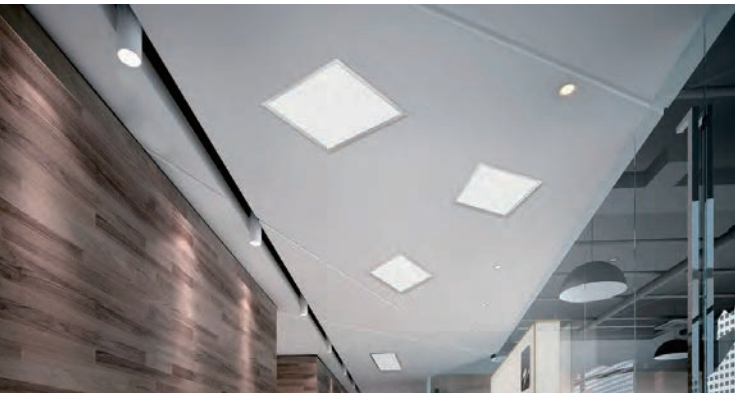
Series
PANEL LIGHT



Patent

Utility Patent -----	201620079947.0
	201620274492.8
Appearance Patent -----	201630107711.9





 Independent Invention Patent

 System Verification Test

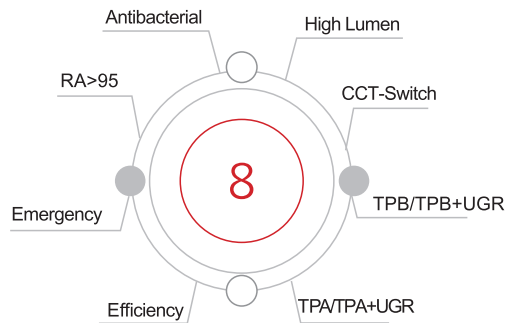
 Unique Structure Design

 Be superior in material



Powerful Functional Design

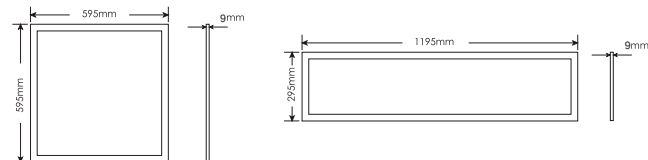
Instant start, no flicker, noise, UV, dark area and light leak
 Ultra-thin aluminum alloy with a good dissipation
 High transmittance PS/PC diffuser and MS/PMMA LGP, high lumen efficiency 100-130lm/w
 THD < 15%, Power Efficiency: > 0.9





C3 Panel Light

[C3- series]



	100lm/w 595X595X9mm 295X1195X9mm	UGR<19 595X595X9mm 295X1195X9mm
Model	BM-PL23040 BM-PL24040	BM-PL23040 BM-PL24040
Voltage	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80
LM/W	100	100
Watt(W)	40W	40W
Lumen	4000	4000
PF	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K/4000K/6500K
Beam Angle	120°	120°



C3 Panel Light

[Dali]

EKE
Dali System



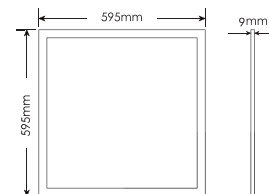
180-264 VAC input.

Built-in active power factor correction circuit, high PF, low THD.

Output dimming can be switched off and standby power is less than 0.5 W.

Built-in DALI dimming function 10 / 15 kinds of output current can be selected by dialing switch.

Support for parallel synchronization of multiple products



	100lm/w
Model	BM-PL23040
Voltage	AC 200~240 V
CRI	≥80
LM/W	100
Watt(W)	40W
Lumen	4000
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°

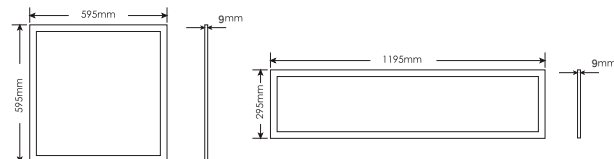


Reasonable,
optimized industrial design



C3 Panel Light

[CCT-Switch]



	100lm/w 595X595X9mm 295X1195X9mm	
Model	BM-PL23040 BM-PL24040	
Voltage	AC 200~240 V	AC 200~240 V
CRI	≥80	≥80
LM/W	100	100
Watt(W)	30W	30W
Lumen	3000	3000
PF	>0.9	>0.9
CCT	3000K/4000K/6500K	3000K/4000K/6500K
Beam Angle	95°	95°



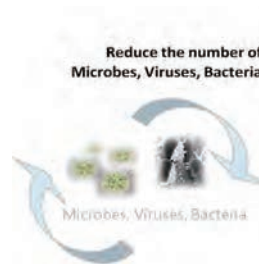
C3 Panel Light

[Antibacterial]

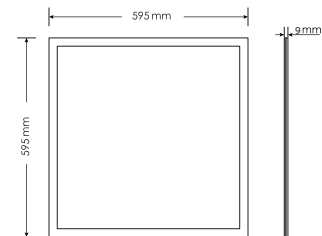


It can be used for hospitals ward , operating room , domestic toilet etc . where 15 easy to breeding of bacteria .

It can purify air prevent infection , remove stink eliminate strange odor , effectively kill harmful bacteria and so on .



	100lm/w 595X595X9mm
Voltage	AC 200~240 V
CRI	≥80
LM/W	100
Watt(W)	40W
Lumen	4000
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°





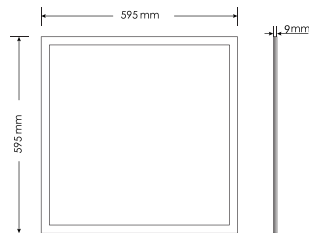
C3 Panel Light

[High Efficiency]

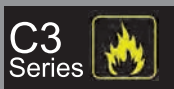


Long-lifespan on average over 25 thousand hours, more than 10 times of traditional lamps
No noise and flicker during working time, switching frequency does not affect the light source life, anti-shock and easy installation.
Light uniformity more than 90%.

	595X595X9mm
Voltage	AC 200~240 V
CRI	≥80
LM/W	130
Watt(W)	40W
Lumen	5200
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°
Warranty	5 years



Hight
Efficiency



Flammability panel light

- ◆ BS 2782-0:2004
- ◆ Method 508A
- ◆ Building Regulation 2010
- ◆ Fire Rated Safety Class
- ◆ Certificate TUVCE RoHS



C3 Panel Light

[TPA/TPA+UGR]
[TPB/TPB+UGR]



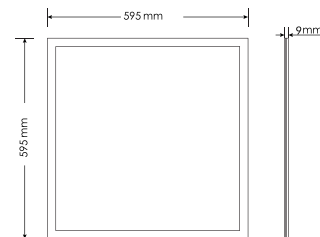
The grade V2 product adopts high quality TPB flammability material.

The grade V0 product adopts high quality TPA flammability material.

No noise and flicker during working time, switching frequency does not affect the light source life.

Anti-shock and easy installation.

	595X595X9mm
Voltage	AC 200~240 V
CRI	≥80
LM/W	100-130
Watt(W)	30-48W
Lumen	4000-5200
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°
Warranty	3/5 years





**Waterproof
panel light**

C3 Panel Light



Instant start, no flicker, noise, UV, dark area and light leak.

Ultra-thin 11 mm.

90% light transmittance, aluminum alloy of high thermal conduction as lamp shell.

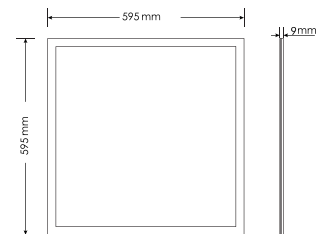
High efficiency and energy-saving, no shadow.

THD<15%, PF≥0.9.

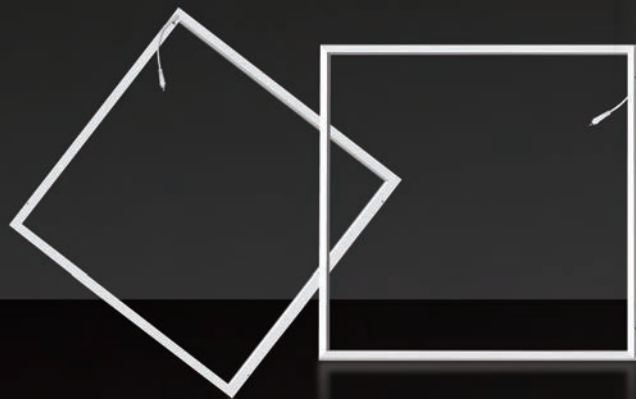
Easy to install with variety methods.

Large adaptation of voltage with different power solution.

	595X595X9mm
Voltage	AC 200~240 V
CRI	≥80
LM/W	100
Watt(W)	40W
Lumen	4000
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°
Warranty	3/5 years



Frame light



105 lm/w

A novel and fashion design integrated with humanization and technology
High CRI,high luminous efficiency to assure the best Lighting Performance.

Frame light



Aluminum heat-sink base .

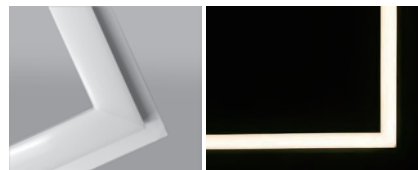
Hi-quality, Hi-brightness LED as lighting source,
high efficiency.

and energy-saving.

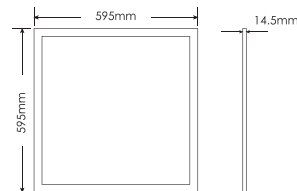
No noise and flicker during working time switching
frequency does

not affect the light source life.

Anti-shock ,and easy installation.



	595x595x14.5mm
Model	BM-PL23040
Voltage	AC 200~240 V
CRI	≥80
LM/W	≥105
Watt(W)	30W
Lumen	3150
PF	>0.9
CCT	3000K / 4000K / 6500K
Beam Angle	120°



5
Years



Round Panel Light



▲3000K

▲4000K

▲6500K



	6W φ120	9W φ145	12W φ175	15W φ200	18/20W φ225	24/28W φ300
Model	BM-PL03006	BM-PL04009	BM-PL05012	BM-PL07015	BM-PL08018	BM-PL10024
Voltage	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V	AC220-240V
CRI	≥80	≥80	≥80	≥80	≥80	≥80
LM/W	90lm/w	90lm/w	90lm/w	90lm/w	90lm/w	90lm/w
Lumen	540lm	810lm	1080lm	1350lm	1620/1800lm	2160/2520lm
PF	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
CCT	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Beam Angle	120°	120°	120°	120°	120°	120°