

框灯

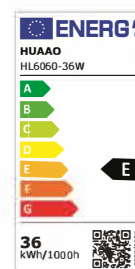
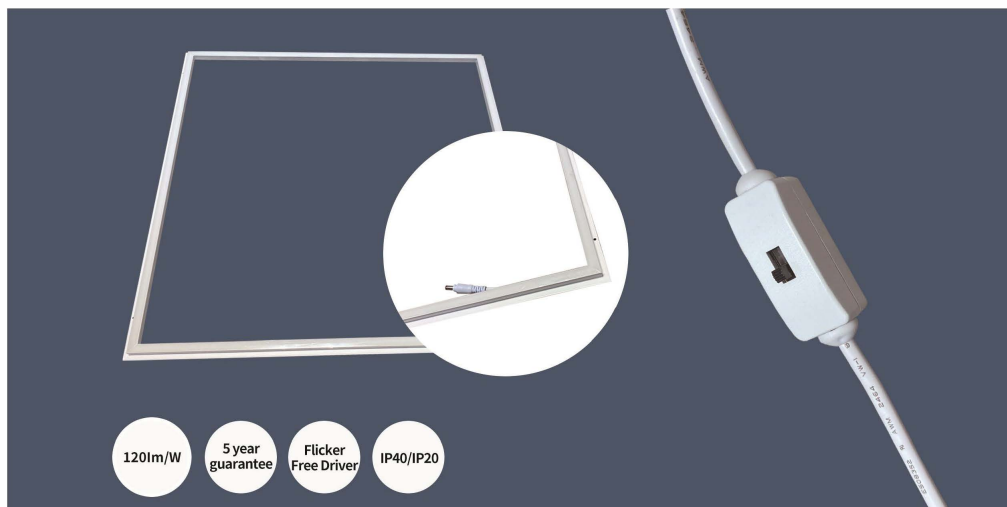
LED FRAME PANEL LIGHT

Up to 120lm/w,50,000 hours life span

Advantages:

1. Convenience to install.
- 2.Competitive price compare with normal panels.
- 3.Higher lumens.
- 4.Good appearance.

Applications: Offices/Restaurants/Hotels/
SchoolHospital/Haltway/Lobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)	Replace normal panel(mm)
Europe market	HL-F6060	40/48/60	591x591 614x614	575x575 598x598	220-240	80/90	0.9	3000-6500	100/120	22	10	63x33.5x63.5	595x595 620x620
Europe market	HL-F30120	40/48/60	291X1191	275x1175	220-240	80/90	0.9	3000-6500	100/120	22	10	123x33.5x33.5	295x1195
Europe market	HL-F60120	60/72	591X1191	575x1175	220-240	80/90	0.9	3000-6500	100/120	22	10	123x33.5x63.5	595x1195



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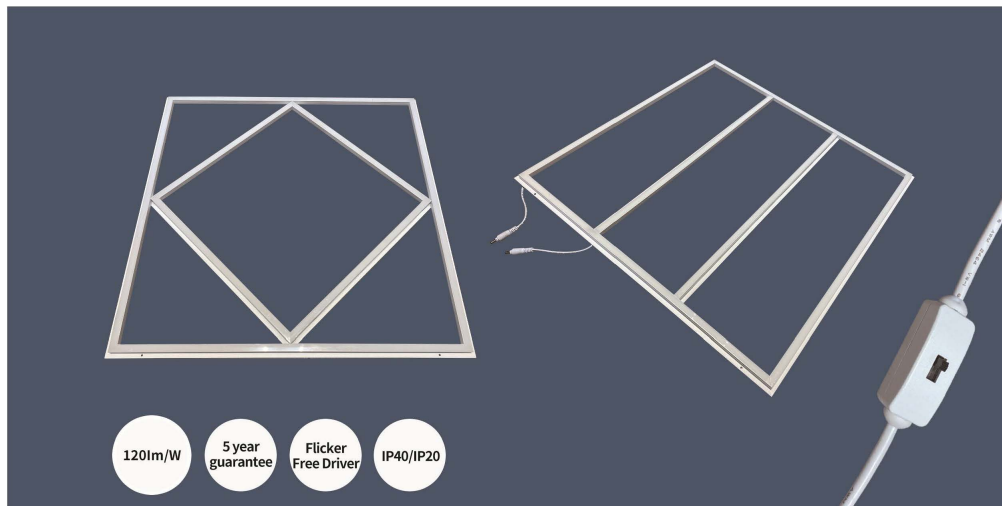
LED FRAME PANEL LIGHT —special-shaped

Up to 120lm/w, 50,000 hours life span

Advantages:

1. Convenience to install.
2. Competitive price compare with normal panels.
3. Higher lumens.
4. Good appearance.

Applications: Offices/Restaurants/Hotels/
School Hospital/Haltway/Lobbies/Meeting Rooms

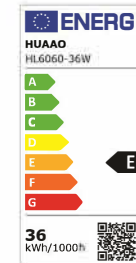


120lm/W

5 year
guarantee

Flicker
Free Driver

IP40/IP20



CE UK



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)	Replace normal panel (mm)
Europe market	HL-F8080	40/70	591 591 61 461 4	575x575 598x598	220-240	80/90	0.9	3000-6500	110/120	22	10	63x33.5x63.5 66x33.5x66.5	595x595 620x620



框灯UGR

LED FRAME PANEL LIGHT UGR19

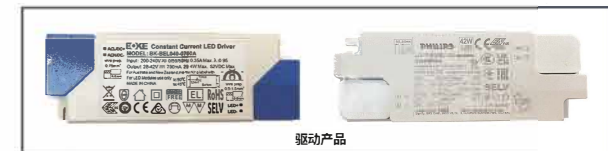
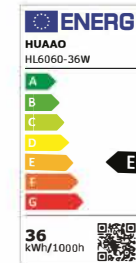
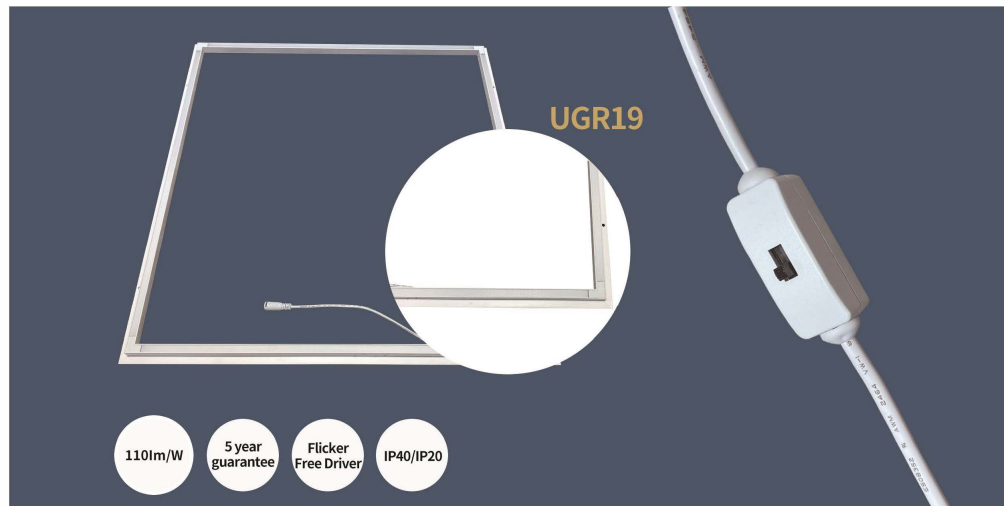
Up to 110lm/w, 50,000 hours life span

Advantages:

1. Convenience to install.
2. Competitive price compare with normal panels.
3. Higher lumens.
4. Good appearance.
5. UGR<19, protect eyes.

Applications: Offices/Restaurants/Hotels/

School Hospital/Haltway/Lobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)	Replace normal panel (mm)
Europe market	HL-F6060	40/48/60	595x595 620x620	575x575 598x598	220-240	80/90	0.9	3000-6500	90-110	19	10	63x33.5x63.5	595x595 620x620
Europe market	HL-F30120	40/48/60	295X1195	275x1175	220-240	80/90	0.9	3000-6500	90-110	19	10	123x33.5x33.5	295x1195
Europe market	HL-F60120	60/72	595X1195	575x1175	220-240	80/90	0.9	3000-6500	90-110	19	10	123x33.5x63.5	595x1195



直下式面板灯

BACKLIT LED PNAEL LIGHT

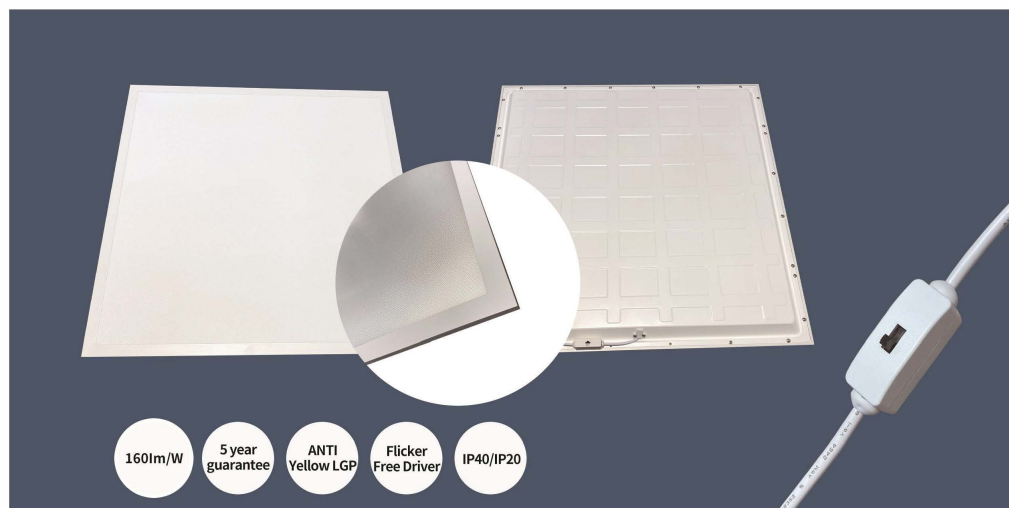
Up to 160lm/w,50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super

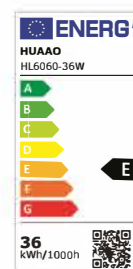
High CRI LED source ,which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications:Offices/Restaurants/hotels/School/
Hospital/Haltwaylobbies/Meeting Rooms



BACKLIT LED PNAEL LIGHT



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	IP	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	24-48	595X195 620X620	220-240	80/90	0.9	3000-6500	100-160	19/22	20/44/54/65	5	64x19x68 66x19.5x70
Europe market	HL-30120	24-48	295X1195	220-240	80/90	0.9	3000-6500	100-160	19/22	20/44/54/65	5	127.5x19x34.5
Europe market	HL-60120	48-72	595X1195	220-240	80/90	0.9	3000-6500	100-160	19/22	20/44/54/65	5	127.5x20x64.5



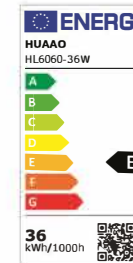
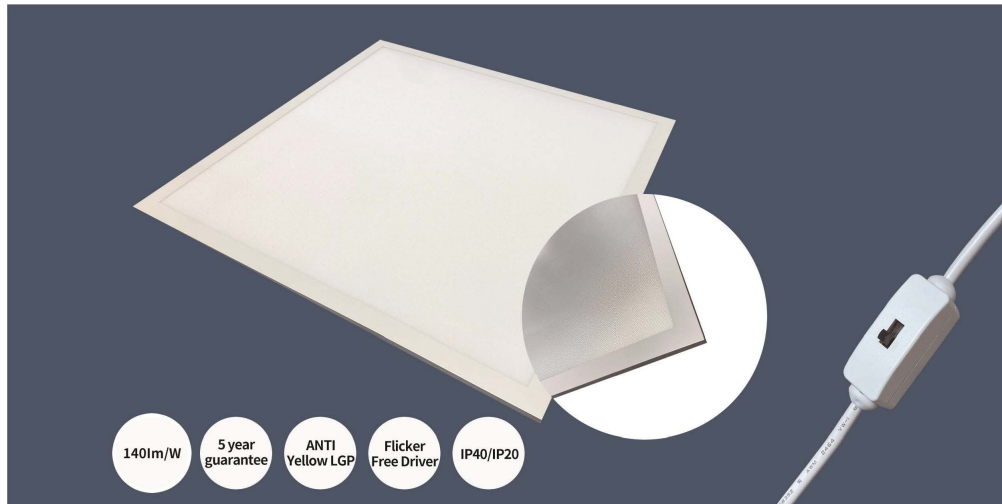
侧发光面板灯

SIDE LIGHT LED PNAEL LIGHT

Up to 140lm/w, 50,000 hours life span

Huaao side light LED Panel light adopts qualified super High CRI LED source and ANTI YELLOW LGP, which is stable, long life won't getting yellow, no UV & IR emission. Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/School/Hospital/Haltway lobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	IP	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	24-48	595X595 620X620	220-240	80/90	0.9	3000-6500	100-140	19/22	20/44/54/65	5	64x17.5x68 66x17.5x70
Europe market	HL-30120	24-48	295X1195	220-240	80/90	0.9	3000-6500	100-140	19/22	20/44/54/65	5	127.5x17.5x34.5
Europe market	HL-60120	48-72	595X1195	220-240	80/90	0.9	3000-6500	100-140	19/22	20/44/54/65	5	127.5x17.5x64.5



明装底发光薄款

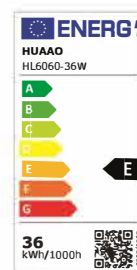
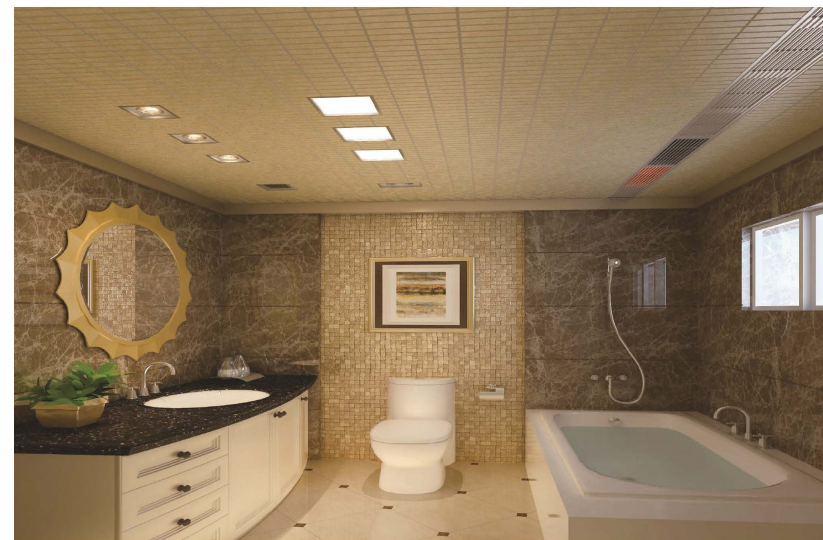
SURFACE MOUNTED BACKLIT LED PANEL LIGHT

Up to 160lm/w, 50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/School/Hospital/Hallway lobbies/Meeting Rooms



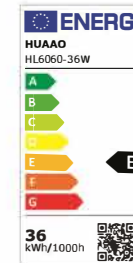
Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	IP	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	24-48	600X600X31	220-240	80/90	0.9	3000-6500	100-160	19/22	20/44/54/65	5	64.5x19x65
Europe market	HL-30120	24-48	300X1200X31	220-240	80/90	0.9	3000-6500	100-160	19/22	20/44/54/65	5	124.5x19x35



圆形方形面板灯

ROUND&SQUARE LED PANEL LIGHT

Up to 140lm/w, 50,000 hours life span
Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.
Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.
Applications: Offices/Restaurants/hotels/
School/Hospital/Haltwaylobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	40	φ600X12	φ585	220-240	80/90	0.9	3000-6500	100-140	19/22	5	64.5x17.5x65
Europe market	HL-6060	40	φ600X9		220-240	80/90	0.9	3000-6500	100-140	19/22	5	64.5x23.5x65
Europe market	HL-5050	36	φ500X12	φ485	220-240	80/90	0.9	3000-6500	100-140	19/22	5	54.5x17.5x55
Europe market	HL-5050	36	φ500X9		220-240	80/90	0.9	3000-6500	100-140	19/22	5	54.5x23.5x55
Europe market	HL-4040	30	φ400X12	φ385	220-240	80/90	0.9	3000-6500	100-140	19/22	5	44.5x17.5x45
Europe market	HL-4040	30	φ400X9		220-240	80/90	0.9	3000-6500	100-140	19/22	5	44.5x23.5x45



UL 美规面板灯

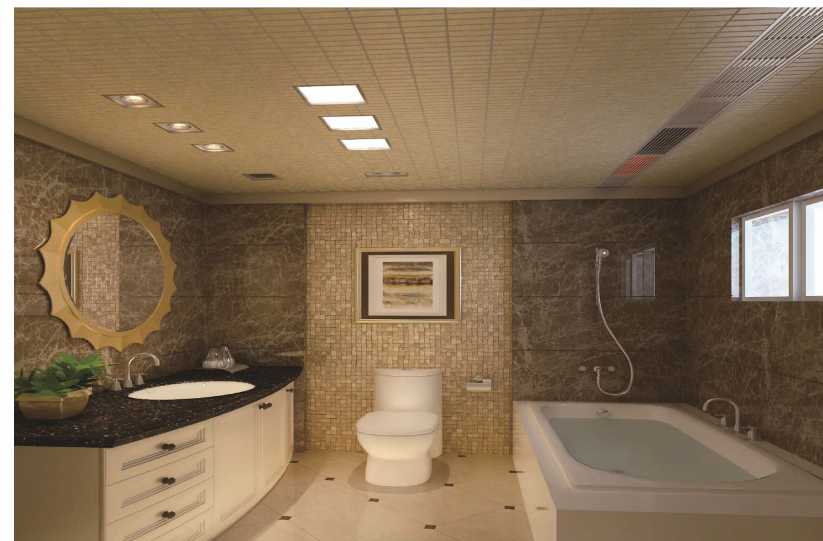
UL LED PANEL LIGHT

Up to 130lm/w, 50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/
School/Hospital/Haltwaylobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)
North America market	HL-2x2	40	603x603	100-277	80/90	0.9	3000-6500	110-130	19/22	6	63.5x26.5x67.5
North America market	HL-1x4	40	303x1213	100-277	80/90	0.9	3000-6500	110-130	19/22	6	127x26.5x34
North America market	HL-2x4	60	603x1213	100-277	80/90	0.9	3000-6500	110-130	19/22	6	127x26.5x64



拼接款框灯

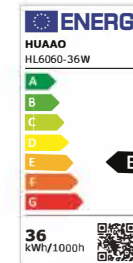
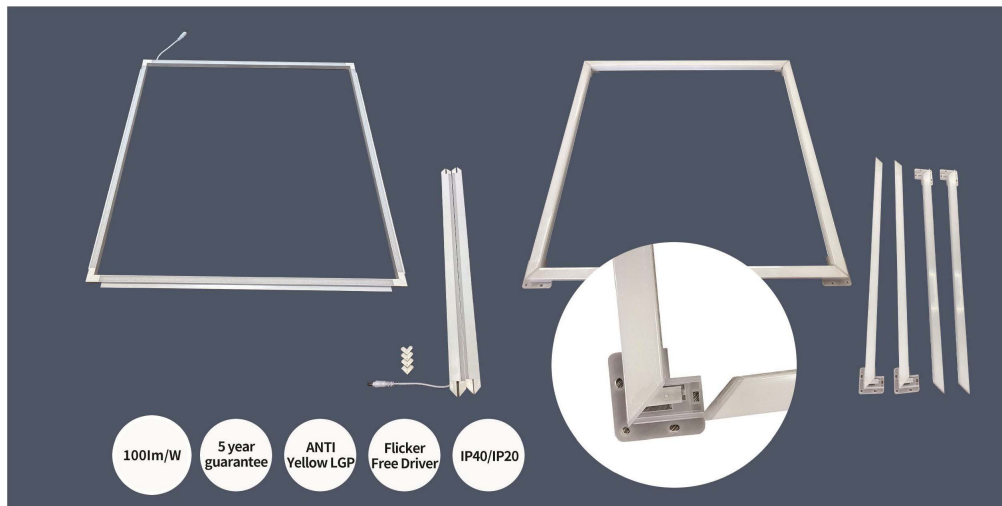
FOLDABLE LED FRAME PANEL LIGHT

Up to 120lm/w, 50,000 hours life span

Advantages:

1. Convenience to install.
2. Competitive price compare with normal panels.
3. Smaller volume, save the 90% freight cost.
4. Good appearance.

Applications: Offices/Restaurants/Hotels/
School Hospital/Haltway/Lobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)	Replace normal panel (mm)
Europe market	HL-F6060-PA	40	595x595	575x575	220-240	80/90	0.9	3000-6500	100/120	22	20	77x26x29	595x595
Europe market	HL-F6060-PB	40	591x591	575x575	220-240	80/90	0.9	3000-6500	100	22	20	61.5x26.5x21	595x595



RGB+CCT

RGB+CCT LED PANEL LIGHT

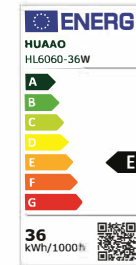
Up to 120lm/w, 50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/

School/Hospital/Hallwaylobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060-T1	40	595X595	220-240	80/90	0.9	RGB+CCT	100-120	22	5	64x19x68
Europe market	HL-6060-T1	40	620X620	220-240	80/90	0.9	RGB+CCT	100-120	22	5	66x19x70



100lm/W

5 year guarantee

ANTI Yellow LGP

Flicker Free Driver

IP40/IP20

蓝天白云

BLUE SKY LED PANEL LIGHT

Up to 100lm/w, 50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/

School/Hospital/Hallwaylobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	40	595X595	220-240	80/90	0.9	3000-6500	100	22	5	64x17.5x68
Europe market	HL-6060	40	620X620	220-240	80/90	0.9	3000-6500	100	22	5	66x17.5x70



100lm/W

5 year guarantee

ANTI Yellow LGP

Flicker Free Driver

IP40/IP20

美规框灯

UL LED FRAME PANEL LIGHT

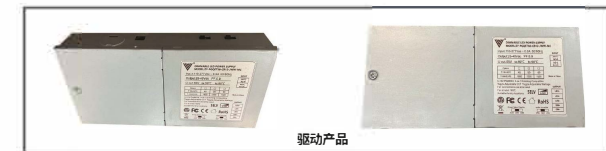
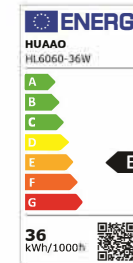
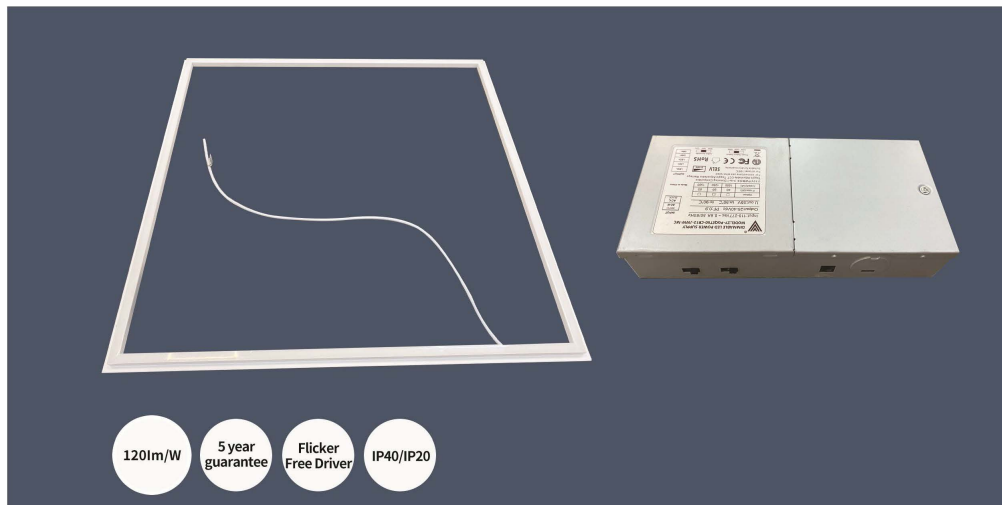
Up to 120lm/w, 50,000 hours life span

Advantages:

1. Convenience to install.
2. Competitive price compare with normal panels.
3. Higher lumens.
4. Good appearance.

Applications: Offices/Restaurants/Hotels/

School Hospital/Haltway/Lobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Cut Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	PCS/CTN	CTN MEAS. (cm)	Replace normal panel (mm)
American size	HL-M-P575	40/48/60	601x601 (2x2)	585x585	100-277	80/90	0.9	3000-6000	100/120	10	63x33.5x63.5	603x603
American size	HL-M-P575-312	40/48/60	296x1206 (1x4)	280x1190	100-277	80/90	0.9	3000-6000	100/120	10	123x33.5x33.5	296x1213
American size	HL-M-P575-612	60/72	601x1206 (2x4)	585x1190	100-277	80/90	0.9	3000-6000	100/120	10	123x33.5x63.5	603x1213



格栅面板灯UGR16

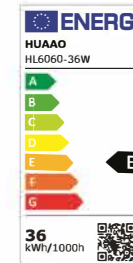
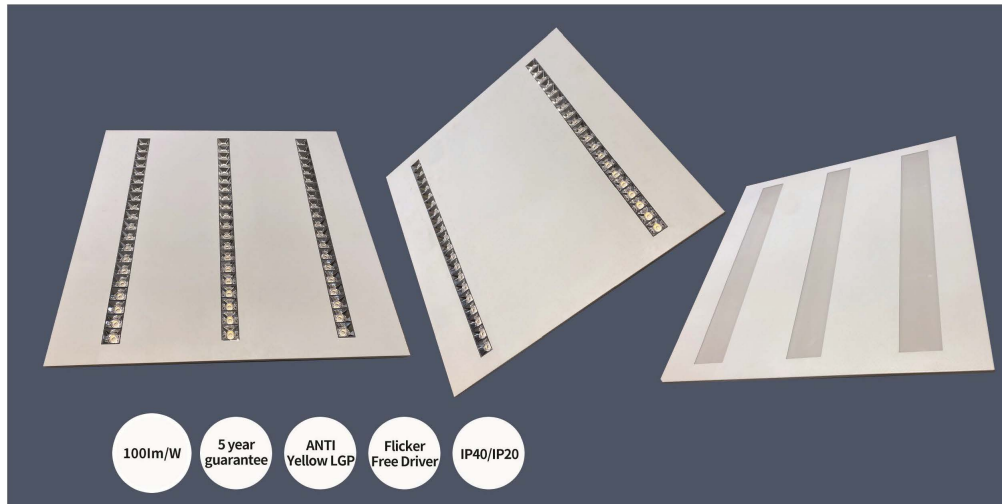
GRILLE LED PANEL LIGHT UGR16

Up to 120lm/w, 50,000 hours life span

Huaao Backlit LED Panel light adopts qualified super High CRI LED source, which is stable, long life won't getting yellow, no UV & IR emission.

Huaao LED Panel light is the ideal replacement for traditional grid lights and fluorescent which conventional light never achieved.

Applications: Offices/Restaurants/hotels/
School/Hospital/Haltwaylobbies/Meeting Rooms



Market	Model	Power (W)	Lamp Size (mm)	Voltage (V)	CRI	PF	CCT (K)	LM/W	UGR	PCS/CTN	CTN MEAS. (cm)
Europe market	HL-6060	40	595x595	220-240	80/90	0.9	3000-6500	100	16	5	64x17.5x68
Europe market	HL-6060	40	620x620	220-240	80/90	0.9	3000-6500	100	16	5	64x17.5x68



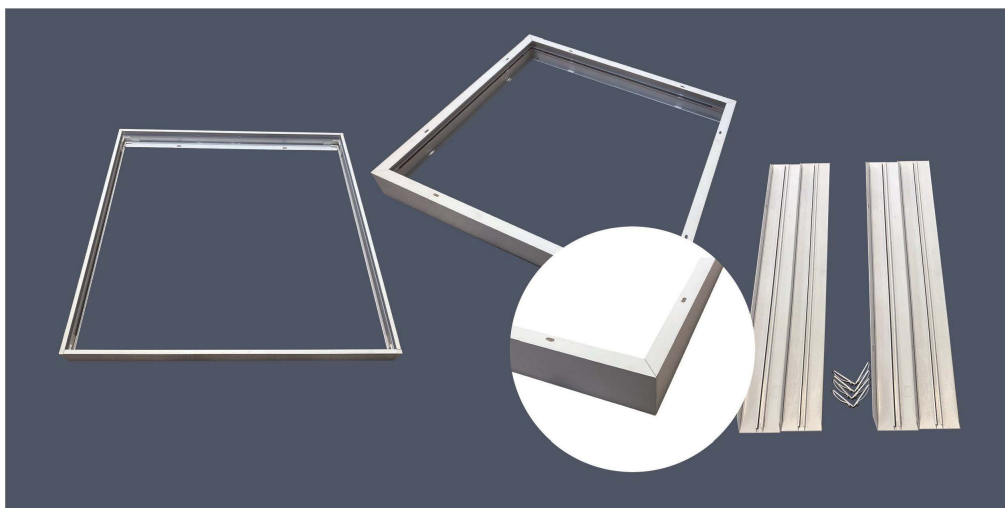
明装转接框

SURFACE MOUNTED FRAME

RECESSED MOUNTED FRAME

Huaao surface mounted frame and recessed mounted frame match for all size of led side light panels and backlit panels.

Applications:Offices/Restaurants/hotels/
School/Hospital/Haltwaylobbies/Meeting Rooms



SURFACE MOUNTED FRAME
RECESSED MOUNTED FRAME



Market	Model	Frame Size (mm)	For Panel Size (mm)	Material	Conector	PCS/CTN
Europe market	HL-SF6060EP	600X600X43	595X595	Aluminum	Plastic	25
Europe market	HL-SF6060ES	600X600X50	595X595	Aluminum	Screw	25
Europe market	HL-SF6060ES	600X600X50	595X595	Plastic	Plastic	25
Europe market	HL-SF6060BP	600X600X65	595X595	Aluminum	Plastic	25
Europe market	HL-SF6060BP	600X600X65	595X595	Plastic	Plastic	25
Europe market	HL-RF6060S	633X633X31.5	595X595	Aluminum	Screw	25



UVA UVB灯管

UVA UVB LAMP TUBE

UVA band, wavelength 320~420nm, also known as long-wave black spot effect ultraviolet rays. It has strong penetrating power and can penetrate most transparent glass and plastics. More than 98% of the long-wave ultraviolet rays contained in sunlight can penetrate the ozone layer and clouds to reach the surface of the earth. UVA can directly reach the dermis of the skin, destroy elastic fibers and collagen fibers, and tan our skin. UVA ultraviolet rays with a wavelength of 360nm conform to the phototaxis response curve of insects, and can be used to make insect trap lamps.

UVA ultraviolet rays with wavelengths of 300-420nm can pass through special colored glass tubes that completely cut off visible light, and only emit near-ultraviolet light centered at 365nm, which can be used for ore identification stage decoration, currency verification and other places. In October 2009, German and Italian scientists discovered that [Astaxanthin] can effectively eliminate [Ultraviolet UVA] damage to skin cells.



Model	Voltage(V)	Power (W)	Working Voltage	Average Life Time (h)	Pipe Diameter	Length (mm)
5WU-H	110/220	5	35	≥5000	12	104
7WU-H	110/220	7	47	≥5000	12	133
9WU-H	110/220	9	60	≥5000	12	155
11WU-H	110/220	11	90	≥5000	12	234
13WU-H	110/220	13	60	≥5000	12	171
18WU-H	110/220	18	60	≥5000	17.5	241
24WU-H	110/220	24	89	≥5000	17.5	336
36WU-H	110/220	36	109	≥5000	17.5	431
55WU-H	110/220	55	106	≥5000	17.5	543



UVC灯管

UVC Germicidal Light Tubes

The UVC band, with a wavelength of 200-275nm, is also called short-wave sterilizingultraviolet. Its penetrating ability is the weakest, unable to penetrate most of the transparent glass and plastic. The short-wave ultraviolet rays contained in sunlight are almostcompletely absorbed by the ozone layer. Short-wave ultraviolet rays are very harmful to the human body. Short-term exposure can burn the skin, and long-term or high-intensity exposure can also cause skin cancer. The ultraviolet germicidal lamp emits short-wave UVC ultraviolet rays.



Model	Voltage(V)					Working Current(A)		Power (W)	Working			Lumens efficiency (lm/w)	Average Life Time(h)	Base Type
	A (maximum)	B (maximum)	B (maximum)	C (maximum)	D (maximum)	Working	warm-up		rated	maximum	maximum			
4W	135.9	143.0	140.6	150.1	16	0.170		4	28	34	24	253.7mm	≥5000	G5
6W	212.1	219.2	216.8	226.3	16	0.160		6	42	48	36		≥5000	G5
8W	288.3	295.4	293.0	302.5	16	0.145		8	56	64	48		≥5000	G5
12W	485.0	492.9	490.5	500.0	16	0.165	0.220	12	90	97	83		≥5000	G5
13W	516.9	524.0	521.6	531.1	16	0.165		13	95	105	85		≥5000	G13
10W	331.2	338.4	335.8	345.5	16	0.220	0.360	10	52	60	44		≥5000	G13
15W	437.4	444.5	442.0	451.6	25	0.330	0.550	15	60	68	52		≥5000	G13
20W	589.8	596.9	594.5	604.0	25	0.370	0.550	20	77	87	68		≥5000	G13
30W	894.6	901.7	899.3	908.8	25	0.405	0.620	30	84	94	74		≥5000	G13
40W	1199.4	1206.5	1204.1	1213.6	25	0.420	0.650	40	106	116	99		≥5000	G13

