

Haier

***LED Energy Saving Environmentally
Friendly • Quality Excellent***



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Haier LED Factory lighting

LED FLOOD LIGHT



WE CAN DO CUSTOMIZING – MORE OPTIONS AVAILABLE FOR YOU

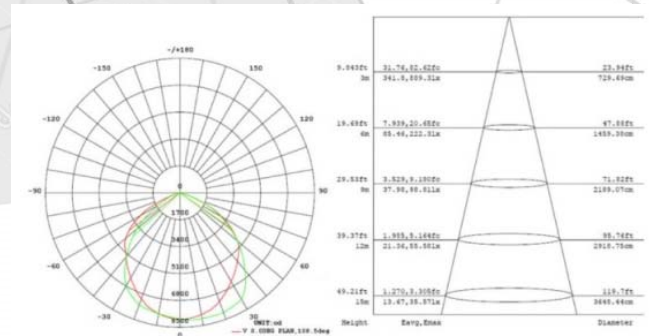
The housing compatible for different kinds of LED chips and bracket

Most of the mainstream manufacturers's led chips and their chip-scale packages are compatible to the structure of the housing, we can also customize the installation structure accord to your chip-package's size (square, circle etc.)



THE INNOVATIVE COOLING FINS STANDING THE COOLING FRONTIER

Innovative cooling fins with light weight but massive cooling dissipation area, which tightly connected to the die-cast heatsink, constitute a integrated cooling housing.



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LED FLOOD LIGHT



BTFL-LED-10W

Emitting Color :White/Warm white
Size : 80*100*140mm
CCT : 2500-9000K
Lux : 1000LM
Power : 100W
Voltage:85-265V
Viewing Angle : 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



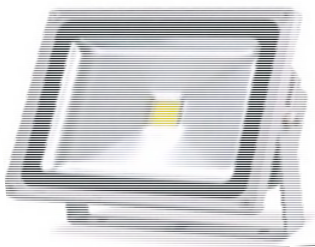
BTFL-LED-20W

Emitting Color :White/Warm white
Size : 80*100*140mm
CCT : 2500-9000K
Lux : 2000LM
Power : 20W
Voltage:85-265V
Viewing Angle : 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFL-LED-30W

Emitting Color :White/Warm white
Size : 225*184*160mm
CCT : 2500-9000K
Lux : 3000LM
Power : 100W
Voltage:85-265V
Viewing Angle : 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFL-LED-50W

Emitting Color :White/Warm white
Size : 285*235*172mm
CCT : 2500-9000K
Lux : 5000 LM
Power : 50W
Voltage:85-265V
Viewing Angle : 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



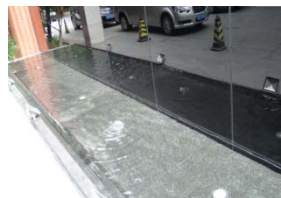
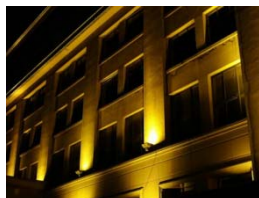
BTFL-LED-80W

Emitting Color :White/Warm white
Size : 290*200*400mm
CCT : 2500-9000K
Lux : 8000 LM
Power : 70-80W
Voltage:85-265V
Viewing Angle : 45deg , 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFL-LED-100W

Emitting Color :White/Warm white
Size : 290*200*400mm
CCT : 2500-9000K
Lux : 10000 LM
Power : 100W
Voltage:85-265V
Viewing Angle : 45deg , 120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H





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LED FLOOD LIGHT



BTFL-TGB-150W

- 1.Model:BTFL-36-001-140W
- 2.POWER-140w LED flood light
- 3.VOLTAGE:85-265V
- 4.SIZE:L450*W270*H310mm
- 5.COLOR: White / Warm white
- 6.LUMEN :14000lm
- 7.VIEWING: 120°beam
- 8.IP GRADE : IP65
- 9.LED efficacy level :100Lm/w



BTFL-LED-150W

1. Model: BTFL-37-002-3x50W
2. Frequency: 50-60 Hz
3. Input Voltage:85-260VAC
4. Power Consumption: 150W
5. Dimension: 425*325*210mm
6. LED QTY: 3 pcs x 50W
7. LED Brand: Epistar
8. Lumens: 15000 lm
9. Color: White / Warm white



BTFL-180-210W-LENS

1. Model: BTFL-180-210W-LENS
2. Frequency: 50-60 Hz
3. Input Voltage:85-260VAC
4. Power Consumption: 150W
5. Dimension:L450*W310*H190mm
6. LED QTY: 3 pcs x 50W
7. LED Brand: Epistar
8. Lumens: 15000 lm
9. Color: White / Warm white



BTFL-LED-200W

- 1.Model:BTFL-36-001-200W
- 2.POWER-200w LED BRIDGELUX USA
- 3.VOLTAGE:85-265V
- 4.SIZE:L450*W270*H310mm
- 5.COLOR: White / Warm white
- 6.LUMEN :20000lm
- 7.VIEWING: 120°beam
- 8.IP GRADE : IP65
- 9.LED efficacy level :100Lm/w



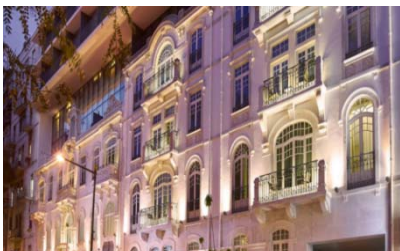
BTFL-LED-300W

- 1.Model:BTFL-36-001-300W
- 2.POWER-300w LED BRIDGELUX USA
- 3.VOLTAGE:85-265V
- 4.SIZE:L450*W270*H310mm
- 5.COLOR: White / Warm white
- 6.LUMEN :30000lm
- 7.VIEWING: 120°beam
- 8.IP GRADE : IP65
- 9.LED efficacy level :100Lm/w



BTFL-002-300W

- 1.Model:BTFL-36-001-200W
- 2.POWER-300w LED BRIDGELUX USA
- 3.VOLTAGE:85-265V
- 4.SIZE:L450*W270*H310mm
- 5.COLOR: White / Warm white
- 6.LUMEN :30000lm
- 7.VIEWING: 120°beam
- 8.IP GRADE : IP65
- 9.LED efficacy level :100Lm/w





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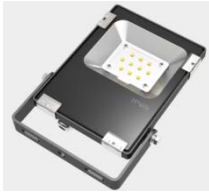
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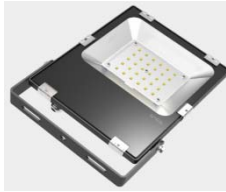


LED FLOOD LIGHT



BTTG3B-10-20W

Emitting Color :White/Warm white
Size : 170*140*320mm , 152*190*40
CCT : 2500-9000K
Lux : 1300-2600 LM
Power : 10-20W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTTG3B-30-50W

Emitting Color :White/Warm white
Size : 167*200*40mm , 220*265*47.5
CCT : 2500-9000K
Lux : 15600-19500 LM
Power : 30-50W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



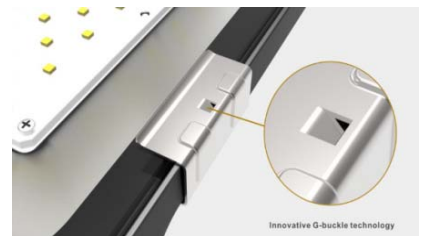
BTTG3B-80-100W

Emitting Color :White/Warm white
Size : 245*300*49.5mm , 295*345*53.5
CCT : 2500-9000K
Lux : 10400 - 13000 LM
Power : 80-100W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H

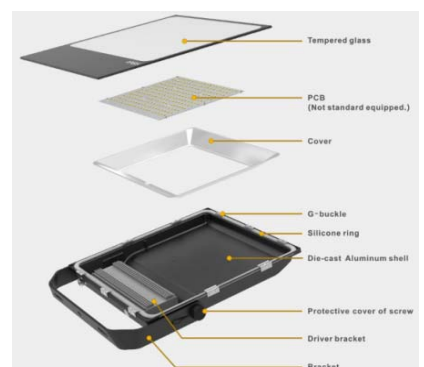


BTTG3B-120-150W

Emitting Color :White/Warm white
Size : 330*365*53.5mm
CCT : 2500-9000K
Lux : 15600-19500 LM
Power : 120-150W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



Innovative G-buckle technology



Protection grade reaches IP65 Anti-Level 17 hurricane Adjustable 270° Angle



BTTG3B-200W-250W

Emitting Color :White/Warm white
Size : 290*200*60mm
CCT : 2500-9000K
Lux : 26000 LM
Power : 200W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



NEW



WALL-30-50W



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LED FLOOD LIGHT / TUNEL LIGHT



BTFG1-30-56W

Emitting Color :White/Warm white
Size : 170*304*88.8mm
CCT : 2500-9000K
Lux : 3900-6500 LM
Power : 30,40,50W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG2-60-112W

Emitting Color :White/Warm white
Size : 262*340*88.8mm
CCT : 2500-9000K
Lux : 7800-13000 LM
Power : 60,70,80,90,100W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG3-90-154W

Emitting Color :White/Warm white
Size : 354*304*88.8mm
CCT : 2500-9000K
Lux : 14300-19500 LM
Power : 110,120,130,140,150W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG4-160-200W

Emitting Color :White/Warm white
Size : 446*304*88.8mm
CCT : 2500-9000K
Lux : 20800 - 26000 LM
Power : 160,170,180,190,200W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG5-200-250W

Emitting Color :White/Warm white
Size : 538*304*88.8mm
CCT : 2500-9000K
Lux : 27300-32500 LM
Power : 210,220,230,240,250W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG6-240-300W

Emitting Color :White/Warm white
Size : 630*304*88.8mm
CCT : 2500-9000K
Lux : 33800-39000 LM
Power : 260,270,280,290,300W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG7-280-350W

Emitting Color :White/Warm white
Size : 772*304*88.8mm
CCT : 2500-9000K
Lux : 40300-52000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



Corrosion resistance

The whole lamp with the powder coating is brighter, without fading and corrosion suitable for harsh outdoor environment.

3-d Heat Dissipation

Professional thermal structure, cross-ventilation design improving heat dissipation performance to long life time

Large angle adjustment

Screw lock attached type installation, multiple stents to adjust, adjustable Angle of 315,into light Angle can be adjust at will.

Protection rate:IP65-67

By using water-proof connector and silicon rubber selfling, the protection rate can achieve IP67,meeting the requirement for harsh, tough environment



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LED FLOOD LIGHT / TUNNEL LIGHT



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PL-FL-CL19 -80W-100W

Emitting Color :White/Warm white
Size : L321*W377*H91mm
CCT : 2500-9000K
Lux : 11200-14000 LM
Power : 80,90,100W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL19 -150W

Emitting Color :White/Warm white
Size : L418*W377*H91mm
CCT : 2500-9000K
Lux : 21000 LM
Power : 60,70,80,90,100W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL19-200W

Emitting Color :White/Warm white
Size :L526*W377*H91mm
CCT : 2500-9000K
Lux : 28000 LM
Power : 110,120,130,140,150W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL19-250W

Emitting Color :White/Warm white
Size : L631*W377*H91mm
CCT : 2500-9000K
Lux : 35000 LM
Power : 160,170,180,190,200W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL19-300W

Emitting Color :White/Warm white
Size : L444*W506*H148mm
CCT : 2500-9000K
Lux : 42000 LM
Power : 210,220,230,240,250W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL19-400-500W

Emitting Color :White/Warm white
Size :L654*W506*H148mm
CCT : 2500-9000K
Lux : 56000-70000 LM
Power : 260,270,280,290,300W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H

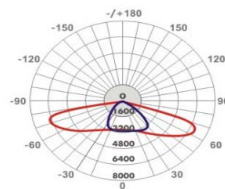


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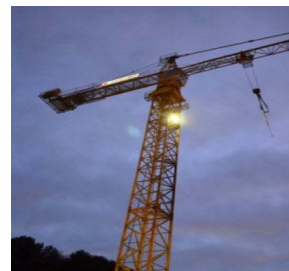
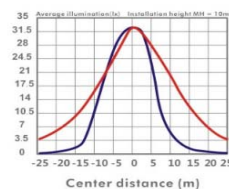
PL-FL-CL19-600W

Emitting Color :White/Warm white
Size :L763*W506*H148mm
CCT : 2500-9000K
Lux : 84000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H

Light distribution curve



Average illumination curve





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LED FLOOD LIGHT / TUNNEL LIGHT



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PL-FL-CL8 -80W-100W

Emitting Color :White/Warm white
Size : 600*700*120 mm
CCT : 2500-6500K
Lux : 11200-14000 LM
Power : 80,90,100W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8 -150W

Emitting Color :White/Warm white
Size : 350*340*120 mm
CCT : 2500-6500K
Lux : 21000 LM
Power : 60,70,80,90,100W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-200-250W

Emitting Color :White/Warm white
Size : 350*520*120 mm
CCT : 2500-6500K
Lux : 28000-35000 LM
Power : 110,120,130,140,150W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-300W-400W

Emitting Color :White/Warm white
Size : 600*520*120mm
CCT : 2500-6500K
Lux : 42000-56000 LM
Power : 160,170,180,190,200W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-500W

Emitting Color :White/Warm white
Size : 600*580*120 mm
CCT : 2500-6500K
Lux : 70000 LM
Power : 210,220,230,240,250W
Voltage:85-265V
Viewing Angle :30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-600W-700W

Emitting Color :White/Warm white
Size : 600*800*120cm
CCT : 2500-6500K
Lux : 84000-98000 LM
Power : 260,270,280,290,300W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-800W

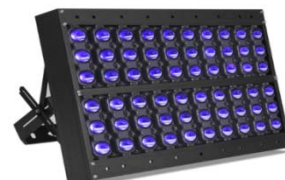
Emitting Color :White/Warm white
Size : 600*860*120 mm
CCT : 2500-9000K
Lux : 112000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-900W

Emitting Color :White/Warm white
Size :600*920*120mm
CCT : 2500-9000K
Lux : 126000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



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PL-FL-CL8-1000W

Emitting Color :White/Warm white
Size :600*100*120mm
CCT : 2500-9000K
Lux : 140000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 30-60-90-60X135-85X135°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



Haier LED Long Distance lighting

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LED Shoot light /Tower lamp heatsink



BTTS-100-150W

Emitting Color :White/Warm white
Size : 245*347mm Dimension 316
CCT : 2500-9000K
W/Lm:140lm/w
Lux : 14000-21000 LM
Power : 80,90,110,125,130W
Voltage:85-265V
Viewing Angle : 5,10,30,60°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



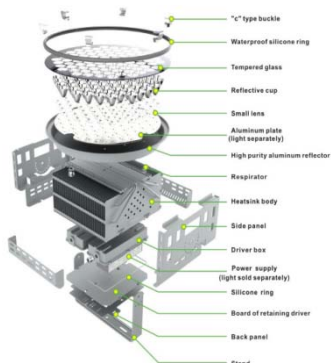
BTTS-250W

Emitting Color :White/Warm white
Size : 246*475.6mm Dimension 471.7
CCT : 2500-9000K
W/Lm :140lm/w
Lux : 19600 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 5,10,30,60°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTTS-250-300W

Emitting Color :White/Warm white
Size : 246*475.6mm Dimension 507.9
CCT : 2500-9000K
W/Lm :140lm/w
Lux : 42000 LM
Power : 310-400W
Voltage:85-265V
Viewing Angle : 5,10,30,60°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTTS-500-800W

Emitting Color :White/Warm white
Size : 320*390mm Dimension 479.3
CCT : 2500-9000K
W/Lm: 140lm/w
Lux : 70000 - 112,000 LM
Power : 500,600,700,800W
Voltage:85-265V
Viewing Angle : 5,10,30,60°
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



PROFESSIONAL LIGHT DISTRIBUTION

Professional projector lamp design concept, have 5° 10° 20° 30° to 60° angles such as reflective cup selection, satisfy the professional light distribution, widely applicable scope. With 5° beam Angle projection distance of up to 500m, Is a real sense of tall building lighting products.





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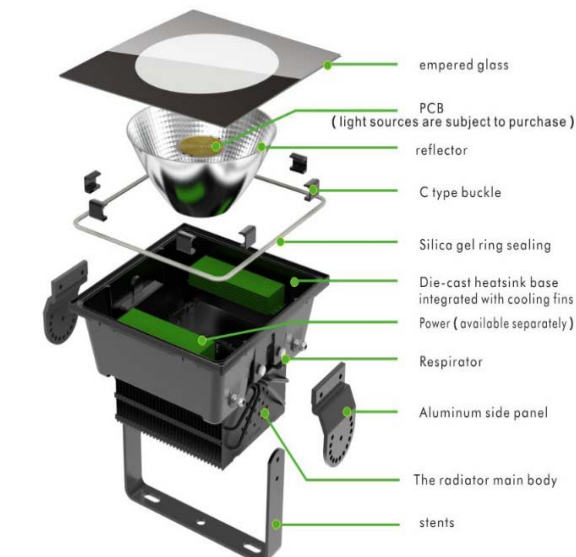
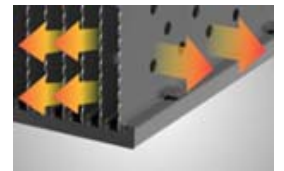
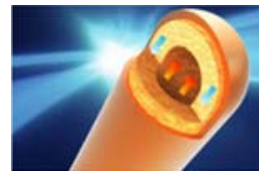
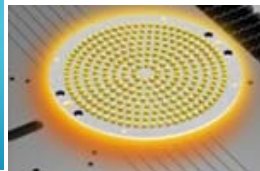
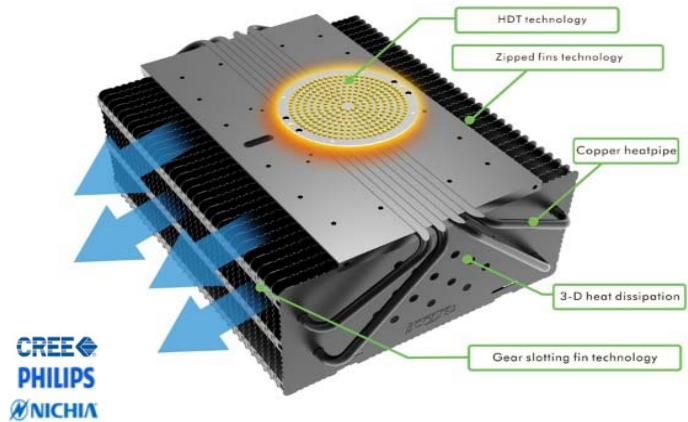
Haier LED Sport Flood light



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300W-500W LED HIGH MAST



HDT TECHNOLOGY

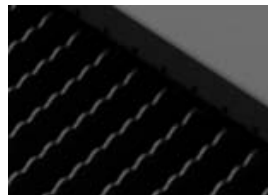
High efficient heatpipes contact the heat source directly,maxima the performance of the heatpipe to reach the cooling effect.

COPPER HEATPIPE

Heat pipe by using the theory of heat transfer and refrigeration,rapid heat transfer properties of the medium to transfer heat quickly to the heat source,thermal capacity than any known metal

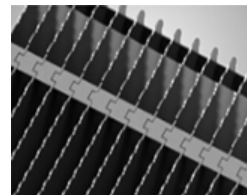
3-D HEAT DISSIPATION

Each fins are distributed parallel relative to hollow out holes,or so appear a convection of air duct,and fins clearance form three-dimensional heat dissipation,send out quantity of heat to the greatest extent



ZIPPED FINS TECHNOLOGY

With zipped-fins technology, The Convection airflow is evenly Distributed in the cooling fins,optimizing the cooling Effect.



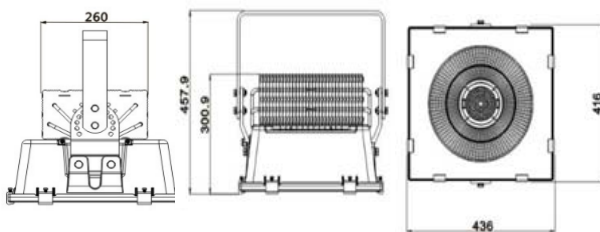
GEAR SLOTTING FIN TECHNOLOGY

The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance



PROTECTION RATE:IP65

By using water-proof connector And silicon rubber sealing,the Protection rate can achieve IP65 Meeting the requirement for harsh Tough environment.



RESPIRATOR DESIGN

Waterproof design,eliminating mist,avoiding codensation,improving quality,extending the life span



Speccial waterproof connector





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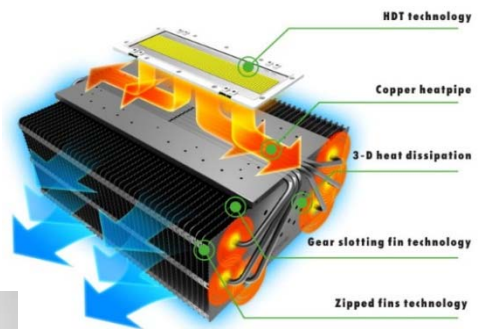
Haier LED Factory lighting



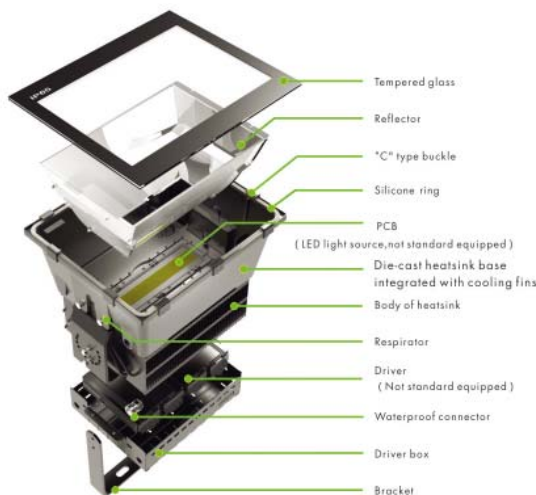
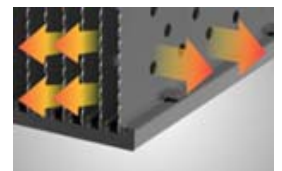
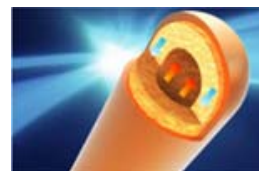
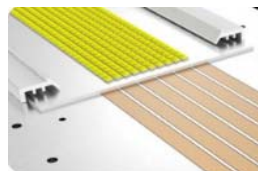
มอก.1955-2551



1000W LED HIGH MAST



CREE
PHILIPS
NICHIA



HDT TECHNOLOGY

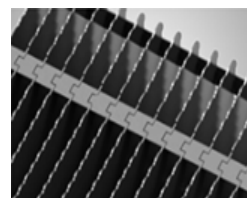
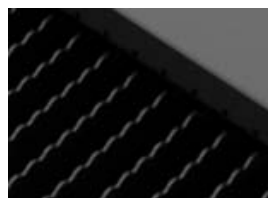
High efficient heatpipes contact the heat source directly, maxima the performance of the heatpipe to reach the cooling effect.

COPPER HEATPIPE

Heat pipe by using the theory of heat transfer and refrigeration, rapid heat transfer properties of the medium to transfer heat quickly to the heat source, thermal capacity than any known metal

3-D HEAT DISSIPATION

Each fins are distributed parallel relative to hollow out holes, or so appear a convection of air duct, and fins clearance form three-dimensional heat dissipation, send out quantity of heat to the greatest extent



ZIPPED FINS TECHNOLOGY

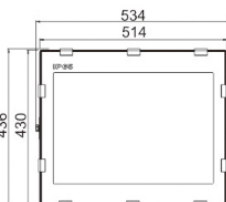
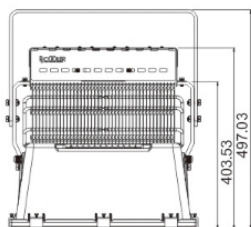
With zipped-fins technology, The Convection airflow is evenly Distributed in the cooling fins, optimizing the cooling Effect.

GEAR SLOTTING FIN TECHNOLOGY

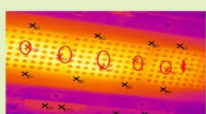
The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance

PROTECTION RATE: IP65

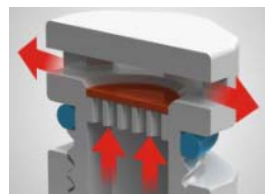
By using water-proof connector And silicon rubber sealing, the Protection rate can achieve IP65 Meeting the requirement for harsh Tough environment.



Thermal test report:



temperature of LED
86.6°C



RESPIRATOR DESIGN

Waterproof design, eliminating mist, avoiding condensation, improving quality, extending the life span



Speccial waterproof connector



WHARF



SPORT STADIUM



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3000.1955-2551

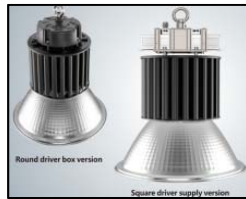


LED HIGH BAY



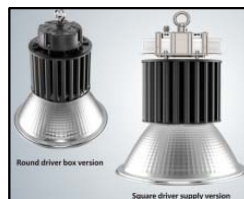
BTHP-KE-50-80W

Lux : 6500-10400LM
Power : 50w-80w
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature:-10-55 °C
Life : 50000 Hrs



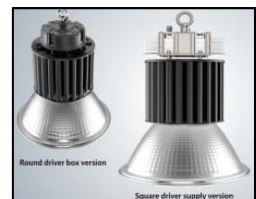
BTHB-KE-100W

Lux : 13000 LM
Power : 50w-80w
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature:-10-55 °C
Life : 50000 Hrs



BTHB-ML-120W

Lux : 15600 LM
Power : 50w-80w
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature:-10-55 °C
Life : 50000 Hrs



BTHB-KA-150W

Lux : 19500 LM
Power : 50w-80w
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature:-10-55 °C
Life : 50000 Hrs



BTHB-KA-180W

Lux : 23400LM
Power : 180W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Life : 50000 Hrs



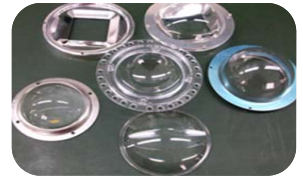
BTHB-CH4-200W

Lux : 26000LM
Power : 200W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Life : 50000 Hrs



BTHB-CH5-250W

Lux : 25000LM
Power : 250W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Life : 50000 Hrs



TIPS:

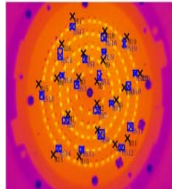
- *PC LENS SPECIFICALLY FOR FOOD INDUSTRIAL
- *OPTICAL (GLASS) LENS INCREASING LUMENS LIGHTING
- ** THE SCREW LOCKED WITH PC/GLASS LENS FOR PROTECTION LED CHIPS

Four easy installation methods

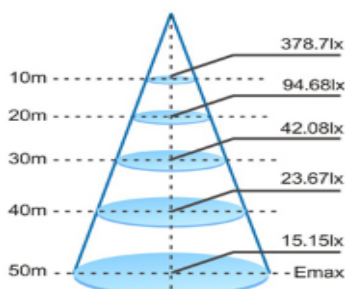
Tube , Hook ring , E40 thread base , Adjustable bracket



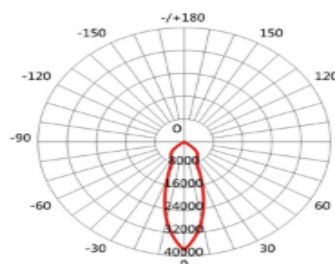
LED HIGH BAY K Series



Illumination curve



Light distribution curve





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CE FC มอก.1955-2551

AIR Series LED HIGH BAY

LED Chips Brand Citizen Japan ,Philips ,Cree, Sumsung,Osram

BTHB-AIR-100W-300W

01/ INCOMPARABLE HEATSINK HOUSING



3-D heat dissipation

Professional heat dissipation structure design. Modular heatsink with perfect structure and inside airflow channels maxim the 3D heat dissipation.

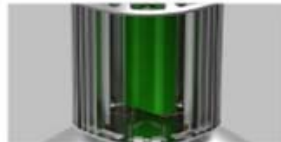


02/ Built-in power supply design, options for reflectors with different beam angle



Scale style reflector

With anodizing and polishing,high purity aluminum reflectors minimize the glazing as well as optimize the lighting performance.Multiple choices for reflectors 60° 90° 110° ,meet the requirement of professional light distribution and can be used at different places.

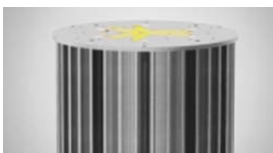


Built-in power supply design

Integral interior power driver design is good at small size. Which makes the whole lamp look more harmonious and beautiful.You can choose a suitable one according to your requirement.



03/ Fashionable design, protection efficiently



Protection surface treatment

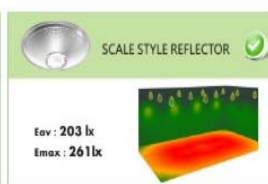
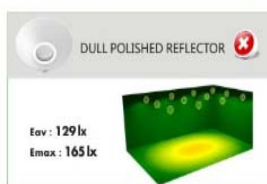
The whole structure has been treated with protection technology and undergone a 500 hour salt spray test,which boasts outstanding resistance to corrosion and rust is thus adaptable to poor outdoor environment.



Closed design lampshade

Transparent PC lampshade with high transparency,fire resistant,anti-friction oxidation resistance ;equipped with silicone gaskets to prevent dust intrusion.

Scale type reflector to achieve higher illuminance in the same wattage.



< Calculation conditions >

Area : 30mX18m Ceiling height : 12m Mounting Height : 12m
Quantity : 12PCS



CE FC **GLOBAL STANDARD FOR FOOD SAFETY** มอก.1955-2551





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CE FC



PS E



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Outdoor - indoor

LED HIGH BAY

01 Three major technological innovation

1. We master high power led lamp cooling technology. It can replace 600W-1000W HPS with energy saving rate up to 50%.

2. With four core technology: HDT, FIN fastening, zippered-fins, Seamless fitting, PC cooler achieves better heat sink. It is with light weight, stronger, easier-assembly and better-dissipation.

3. Modular design, with diverse power arrange, a full product series.



02 Application places

Extensively applied in industrial workshops, stadiums, docks, golf courses, construction lighting, square... it can replace the traditional metal halide and high pressure sodium light.

03 Four the design



Bracket Angle 216 °

Mounting Bracket is with 13 adjustable point, 216° adjustable, installation angle can be adjusted freely.

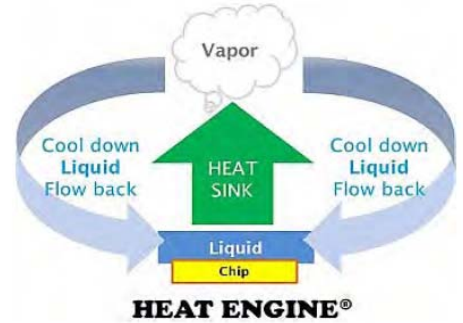


Copper heatpipe

Heat pipe by using the theory of heat transfer and refrigeration, rapid heat transfer properties of the medium to transfer heat quickly to the heat source, thermal capacity than any known metal.

100W-1500W

Waterproof High bay LED Warranty
5 Years IP 65 ,136 lm/w



Respirator design

Waterproof design, eliminating mist, avoiding condensation, improving quality, extending the life span.



Reflector reflection rate is up to 92%

The Angle of the reflective 25° 45° 60° 90° 100°, reflection rate is up to 92%.

CREE

BRIDGELUX

PHILIPS

MW MEAN WELL



Japan Chips





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Haier LED Factory lighting



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LED HIGH BAY / CANOPY LIGHT



**NICHIA
PHILIPS**

BTCP-60-80W

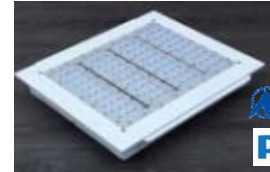
Emitting Color :White/Warm white
Size :lamp 350*250*120,hole cut345*215mm
CCT : 2500-6500K
Lux : 7800-12800 LM
Power : 60-80W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



**NICHIA
PHILIPS**

BTCP1-100-110W

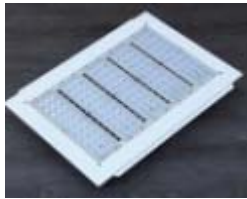
Emitting Color :White/Warm white
Size : lamp 350*250*120,hole cut345*215mm
CCT : 2500-6500K
Lux : 11700-17600 LM
Power : 90,100W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



**NICHIA
PHILIPS**

BTCP-120-150W

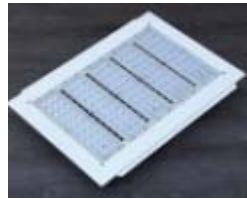
Emitting Color :White/Warm white
Size : lamp 420*350*120,hole cut345*385mm
CCT : 2500-6500K
Lux : 15600-24000 LM
Power : 120,130,140,150W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



**PHILIPS
NICHIA**

BTCP-200W

Emitting Color :White/Warm white
Size : lamp 500*350*120,hole cut345*465mm
CCT : 2500-6500K
Lux : 23400 – 32000 LM
Power : 180,190,200W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



**NICHIA
PHILIPS**

BTCP-230W-240W

Emitting Color :White/Warm white
Size : lamp 500*350*120,hole cut345*465mm
CCT : 2500-6500K
Lux : 29900-38400 LM
Power : 100,130W
CRI : Ra>80
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



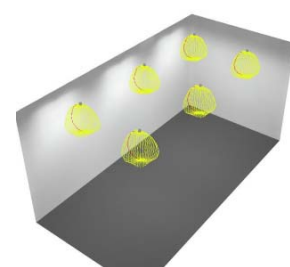
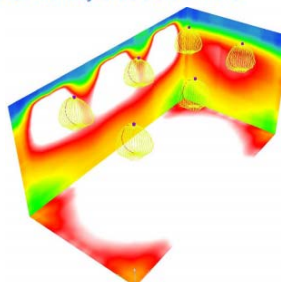
**PHILIPS
NICHIA**

BTCP-250W

Emitting Color :White/Warm white
Size : lamp 500*350*120,hole cut345*465mm
CCT : 2500-6500K
Lux : 32500 LM
Power : 150,180,200W
CRI : Ra>80
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



5 Year Warranty for the entire luminaire





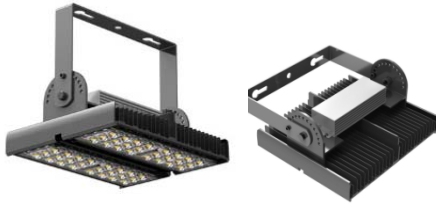
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Haier LED Factory lighting



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LED Highbay / Tunnel Light



BTFG1-50-60W

Emitting Color :White/Warm white
Size : 230*298 mm
CCT : 2500-9000K
Lux : 6500-7800 LM
Power : 50-60W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG2-90-110W

Emitting Color :White/Warm white
Size : 340*298mm
CCT : 2500-9000K
Lux : 11700-14300 LM
Power : 90,100W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTTG3-120-150W

Emitting Color :White/Warm white
Size : 430*298 mm
CCT : 2500-9000K
Lux : 15600-19500 LM
Power : 120,130,140,150W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-65 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG4-180-200W

Emitting Color :White/Warm white
Size : 446*304*88.8
CCT : 2500-9000K
Lux : 23400 - 26000 LM
Power : 180,190,200W
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



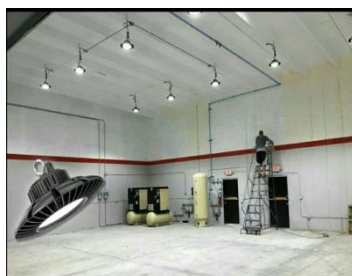
BTFG5-100-130W

Emitting Color :White/Warm white
Size : 380*206 mm
CCT : 2500-9000K
Lux : 13000-16900 LM
Power : 100,130W
CRI : Ra>80
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H



BTFG6-150-200W

Emitting Color :White/Warm white
Size : 308*206 mm
CCT : 2500-9000K
Lux : 19500-26000 LM
Power : 150,180,200W
CRI : Ra>80
Voltage:85-265V
Viewing Angle : 45deg ,120deg
Working Temperature : -30-55 °C
Certificate : CE , ROHS , TIS 1955-2551
Life : 50000 H





Leader of Energy Saving & Automation

Haier LED Factory lighting



พ.ร.บ.1955-2551



LED STREET LIGHT

SL-90W/100W/110W-KE



Power : 90W/100W/110W
CRI : >80
LED Qty:SMD MEANWELL CHIP
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6000k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:650*310*65 mm



SL-120W-135W-KE

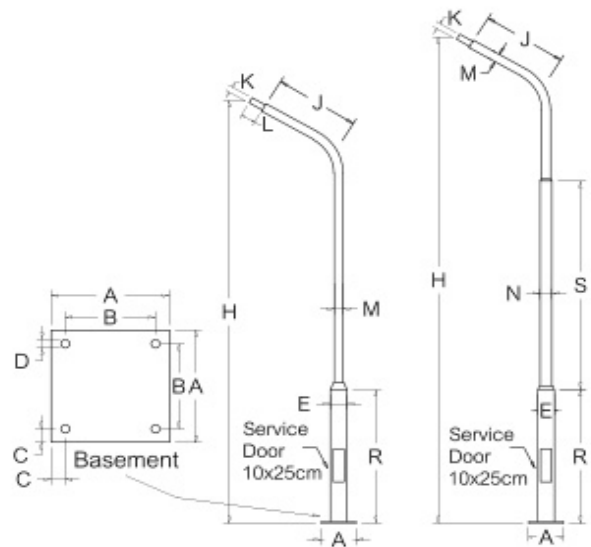


Power : 120W/135W
CRI : >80
LED Qty:SMD MEANWELL
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6000k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty : 2years
Size:78.5*310*65mm

SL-150W-180W-01S



Power : 150W/180W
CRI : >80
LED Qty:SMD Meanwell
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6000k
IP Rating :IP65
View Angle : 60-120
Power Factor :>0.95
Warranty : 5years
Size:890*310*65mm



SL-30W-KE

SL-75-150W-01S



Power : 75W-150W
CRI : >80
LED Qty: Haier Meanwell
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6000k
IP Rating :IP65
View Angle : 60-120
Power Factor :>0.95
Warranty : 5years
Size:890*310*65mm



Power : 30W
CRI : >80
LED Qty: COB EPISTAR
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6000k
IP Rating :IP65
View Angle : 60-120
Power Factor :>0.95
Warranty : 2years
Size: 130*365*85mm



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Haier

LED STREET LIGHT



**BTST-LD4A
30-50W**

Power : 20-30-40 W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:135*315*83mm



**BTST-LD4A
70W**

Power : 60W/70W/80W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:160*431*83 mm



**BTST-LD4A
90W**

Power : 90W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:160*431*83 mm



**BTST-LD4A
100-120W**

Power : 100W/110W/120W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:215*632*83mm



**BTST-LD4B
120-130W**

Power : 120-130 W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:330*645*109mm



**BTST-LD5A
130W**

Power : 130W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:215*632*83mm



**BTST-LD3
140/200W**

Power : 140/200W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:215*632*83mm



**BTST-LD3
210/350W**

Power : 210W/350W
CRI :>80
LED Qty: Philips
Driver : DONE
Input Voltage : AC200-240V/277V
Luminous Flux(lm):120-130 lm/w
Light color :3000/4000/6500k
IP Rating :IP65
View Angle :60-120
Power Factor :>0.95
Warranty :2years
Size:215*632*83mm



PROTECTION RATE:IP67

With the silicone ring the waterproof can be made to IP67 ,totally prevent the dust and water from rainstorm.



PROTECTION RATE:IP67

Through wind tunnel test professional,65m/s the highest wind speed,i.e 17 level of the typhoon,no deformation ,loosening firmly





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Haier Decorative lighting

SMD 2835/3528/5050 LED RIBBON-STRIP LIGHT

BT5050-IP20



BT5050- IP65



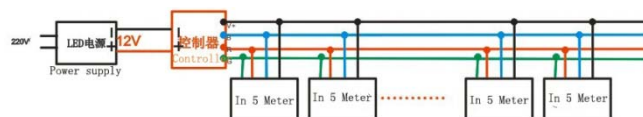
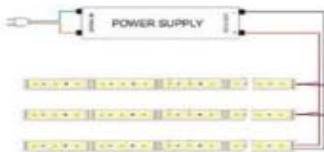
BT5050-IP44



BT5050-60LED



CONNECTION



Each 5 mete In parallel to the main line

Remark:Strip and controller working voltage is 12V,dont connect to other high voltage,otherwise will be burned up.

V+ ——— White
R ——— Red
G ——— Green
B ——— Blue

Product features:

- 1.Full rang of emitting color: red, green, blue,yellow,warm white, pure white,RGB
- 2.Easy installation: the strip is with 3M adhensive tape on backside, clips attached for waterproof strips.and you can cut every 3 leds to reach the exact length when necessary.
- 3.The strip lights are dimmable. and RGB strip can change colors with controller.
- 4.Long lifespan, save energy and maintenance costs.

Applications:

1. Edge-lighting for transparent or diffused materials.
2. Architectural decoration lighting
3. Route advertising lighting
4. Stairway, counter, lighting.

Non IP20/Waterproof IP65





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Haier Decorative lighting

โคมไฟภายใน-ภายนอก

โคมตระแกรง
ติดลอย/ฝังฝ้า



FRC03-1T8-018	FCC08-1T8-018	1x18	20 x 60
FRC03-2T8-018/M	FCC08-2T8-018/M	2x18	30 x 60
FRC03-2T8-018	FCC08-2T8-018	2x18	60 x 60
FRC03-3T8-018	FCC08-3T8-018	3x18	60 x 60
FRC03-4T8-018	-	4x18	60 x 60
FRC03-1T8-036	FCC08-1T8-036	1x36	20 x 120
FRC03-2T8-036/M	FCC08-2T8-036/M	2x36	30 x 120
FRC03-2T8-036	FCC08-2T8-036	2x36	60 x 120
FRC03-3T8-036	FCC08-3T8-036	3x36	60 x 120
FRC03-4T8-036	-	4x36	60 x 120

โคมกันน้ำกันฝุ่น 1*36/2*36



T8 โคมกันน้ำกันฝุ่น	วัตต์
FCC11-1T8-018	1x18
FCC11-2T8-018	2x18
FCC11-1T8-036	1x36
FCC11-2T8-036	2x36

โคมดาวไลท์ติดลอยกลม
ดำ/ขาว 4/5/6 นิ้ว



โคมดาวไลท์ติดลอย
เหลี่ยม-ดำ/ขาว 4/5/6 นิ้ว



EDC01 ดาวไลท์รุ่นประหยัด

รหัสสินค้า	ขนาด
EDC01-1E27-012	3.5"
EDC01-1E07-014	4"
EDC01-1E27-017	5"

EDC02 ดาวไลท์รุ่นประหยัด มีกระจก

รหัสสินค้า	
EDC02-1E27-014	(4 นิ้ว)
EDC02-1E07-017	(5 นิ้ว)



ขั้ว G24 ขนาด 5 นิ้ว

โคมไฟฉุกเฉิน LED



สินค้าสามารถเปลี่ยนรูปสัญลักษณ์ได้ตามต้องการ

EX01 FIRE EXIT ทางหนีไฟ	EX02 EXIT ทางออก	EX03 EXIT	EX04 男女	EX05 FIRE EXIT ทางหนีไฟ
EX06 EXIT ทางออก	EX07 ทางหนีไฟ FIRE EXIT	EX08 男女 FIRE EXIT	EX09 FIRE EXIT	EX10 FIRE EXIT

โคมติดผนังภายนอก



โคมไฟติดผนังภายนอก
สอง 2 ทาง ทรงกระบอก
WME02-2E27-090



ดาวไลท์ฮาโลเจนแคปซูล สีขาว





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Haier LED Factory lighting

LED BULB & SPOT LIGHT

LED BULB-ALUMINIUM BODY



Product Parameters:

Model No	Rated Power	Lamp Base	CRI	Power Input	Lumen Flux	LED Q'ty /type	CCT
LPLSB-02-1L	6W	E26/E27/B22	>70	AC100-240V 50/60Hz	400-500LM	10\SMD2835	2700-6500K
LPLSB-03-1L	8W	E26/E27/B22	>70	AC100-240V 50/60Hz	580-650LM	14\SMD2835	2700-6500K
LPLSB-04-1L	10W	E26/E27/B22	>70	AC100-240V 50/60Hz	750-850LM	18\SMD2835	2700-6500K
LPLSB-05-1L	13W	E26/E27/B22	>70	AC100-240V 50/60Hz	950-1100LM	24\SMD2835	2700-6500K

LED BULB-CERAMIC BODY



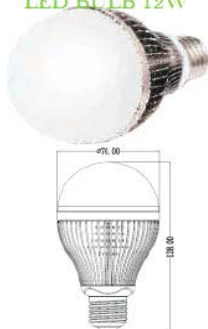
Model No	Rated Power	Lamp Base	CRI	Power Input	Lumen Flux	LED Q'ty /type	CCT
LPLSB-01-2L	3W	E26/E27	>70	AC100-240V	200-240LM	4\SMD2835	2700-6500K
LPLSB-02-2L	5W	E26/E27	>70	AC100-240V	350-400LM	8\SMD2835	2700-6500K
LPLSB-03-2L	7W	E26/E27/B22	>70	AC100-240V	450-560LM	12\SMD2835	2700-6500K



GU10 3*1W



DIMMABLE
LED BULB 12W



GU10 3*2W



3*1W



GU10 4*1W



LED PAR38



DIMMABLE
LED PAR 38



LED PAR20



LED PAR 38



CE FC



PS E



000.1955-2551



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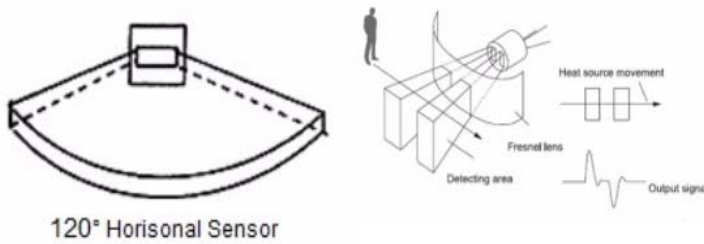
Haier Home & Office Lighting

TUBE T8 LIGHT

Motion Controller.



Radar controller



Haier

T8 600mm.
10W-1200lm

T8 1200mm.
18W-1900lm

T8 1200mm.
20W-2200lm

T8 1200mm.
22W-3000lm

PHILIPS

Essential-T8

9W-18W
900-1800lm

Master-T8

10W-23W
1000-3000lm

PAYSAVE

T8 600mm.
9W-900lm

T8 1200mm.
18W-1900lm

T8 1200mm.
20W-2000lm

T8 1200mm.
20W-2400lm

g Green Light

T5 600mm.
10-12W-1200lm

T5 1200mm.
20-24W-2400lm

T8 600mm.
10-12W-1200lm

T8 1200mm.
20-24W-2400lm



Application

1. Instead of the indoors ceiling light.
2. Factories / Offices / School / Universities / Hospital.
3. Conference / Meeting room , Show Room.
4. Commercial Complexes.
5. Supermarket.
6. Residential / Institution building.

Glass/PC Tube



1001.1955-2551





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Haier Decorative lighting

LED UNDERGROUND / UNDER WATER / WALL WASHER

LED UNDERGROUND LIGHT

BTGL-1W



1x1W, 65*90mm

BTGL-3W



3x1W, 105*60mm

BTGL-6W



6x1W, 150*75mm



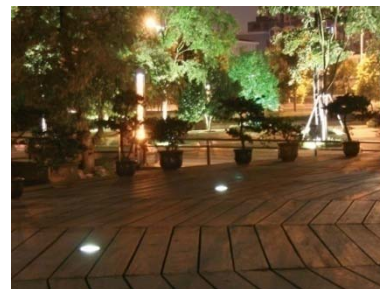
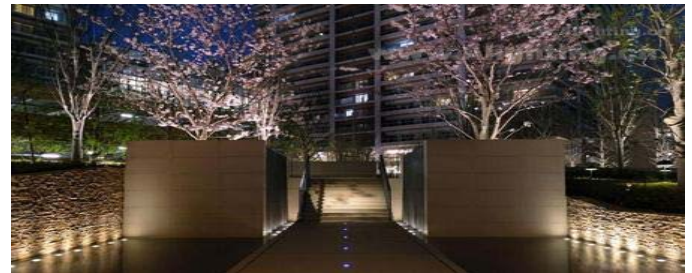
BTGL-7W



BTGLS-3W



BTGLSL-3W



LED UNDERWATER LIGHT



BTUW-7W



BTUW-12W



BTUW-18W



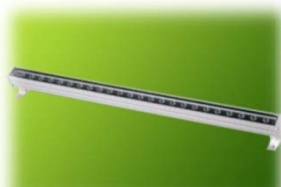
LED WALL WASHER



BTWW-9W



BTWW-18W



BTWW-24W



BTWW-36W

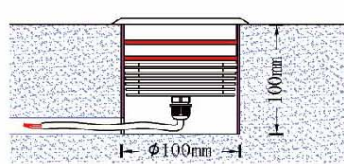
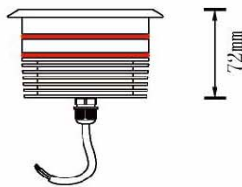
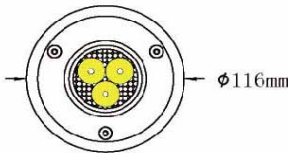




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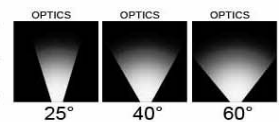
Haier LED Factory lighting

LED UNDERGROUND /UNDER WATER / WALL WASHER

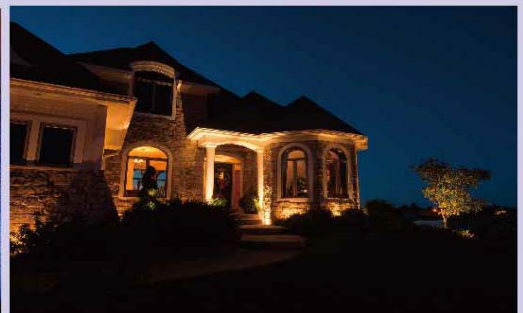
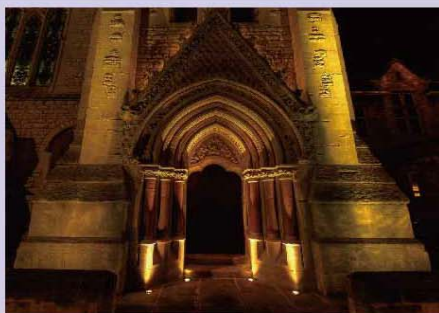


Specification:

Housing	Anodized extruded aluminium 6063 ; CNC machined for high precision
Thickness of oxide film for housing	20~25µm
Front cover	Stainless steel 316
Lens	PMMA, light transmittance > 90%
Glass	Step-on tempered glass of 8mm thickness
Bearing capacity of glass	1110kgs / $\varnothing$ 10mm , 1720kgs / $\varnothing$ 30mm , 2000kgs / $\varnothing$ 60mm
Waterproof connector	PG9 PA IP67
Gasket	PMQ silicone O-ring seal
LED	Edison
Driver	Constant current
Output	1 Loop
Working temperature	-20℃ -70℃
Power cable	H05RN-F 4*0.75mm ² L=1.5m (low voltage)
Mounting sleeve	Anodized extruded aluminium 6063 ; CNC machined for high precision
Rotatable	Manual rotating bracket at max 40°.



Input voltage	Input Current	Power	Color	LED Qty	Beam Angle	Luminous Flux(LM)
DC24V	4*140mA	12W	RGBW	3 pcs Edison 4in1 RGBW	25°C/40°C/60°C	

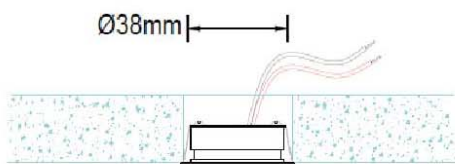
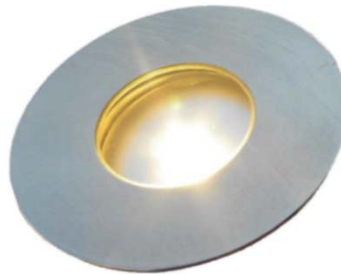
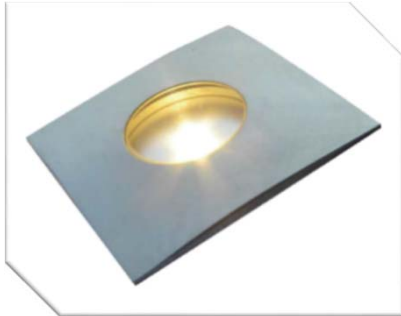




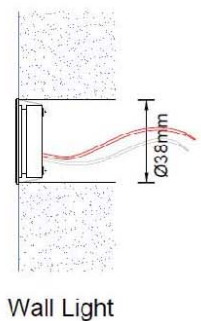
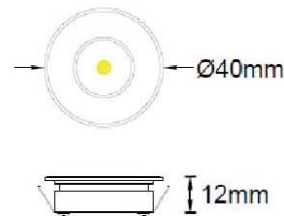
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Haier LED Factory lighting

LED UNDERGROUND /UNDER WATER / WALL WASHER



Can be used as
Down Light.



Speciification:

Housing	Anodized extruded aluminium 6063; CNC machined for high precision
Front cover	Stainless steel 316 or chrome-plated aluminium 6063 as options
Glass	Step-on tempered glass of 4mm thickness
Bearing capacity of glass	320kgs / $\varnothing$ 10mm
Gasket	PMQ silicone O-ring seal
LED	CREE XPE
Driver	Constant current
Output	1 Loop
Working tempetature	-20℃ -70℃
Power cable	PEFP Teflon 2x0.3mm ² (low voltage)



Input voltage	Input Current	Power	Color	LED Qty	Beam Angle	Luminous Flux(LM)
DC3.1~3.2V	300~350mA	1W	CW/WW	1pc CREE XPE	120°	CW=65LM, WW=55LM

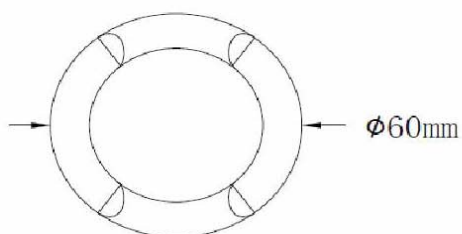




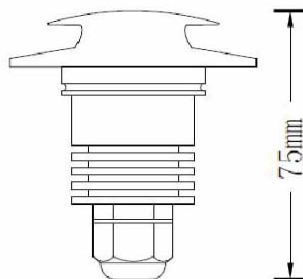
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Haier LED Factory lighting

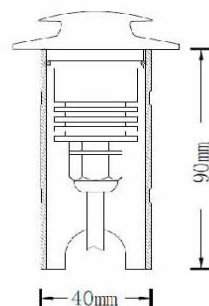
LED UNDERGROUND /UNDER WATER / WALL WASHER



Ø60mm



75mm



40mm

Speciification:

Housing	Anodized extruded aluminium 6063 ; CNC machined for high precision
Thickness of oxide film for housing	11~13µm
Front cover	Stainless steel 316
Glass	Tempered glass of 4mm thicknesss
Waterproof connector	PG7 PA IP67
Gasket	PMQ silicone O-ring seal
LED	CREE XPE
Driver	Constant current
Output	1 Loop
Working tempetature	-20℃ -70℃
Power cable	H05RN-F 2*0.75mm² L=1.5m (low voltage)
Mounting sleeve	Anodized extruded aluminium 6063 ; CNC machined for high precision



OPTICS



2×100°



Input voltage	Input Current	Power	Color	LED Qty	Beam Angle	Luminous Flux(LM)
DC12/24V	240/140mA	3W	CW/WW	1pc CREE XPE	100°+100°	CW=100LM, WW=90LM

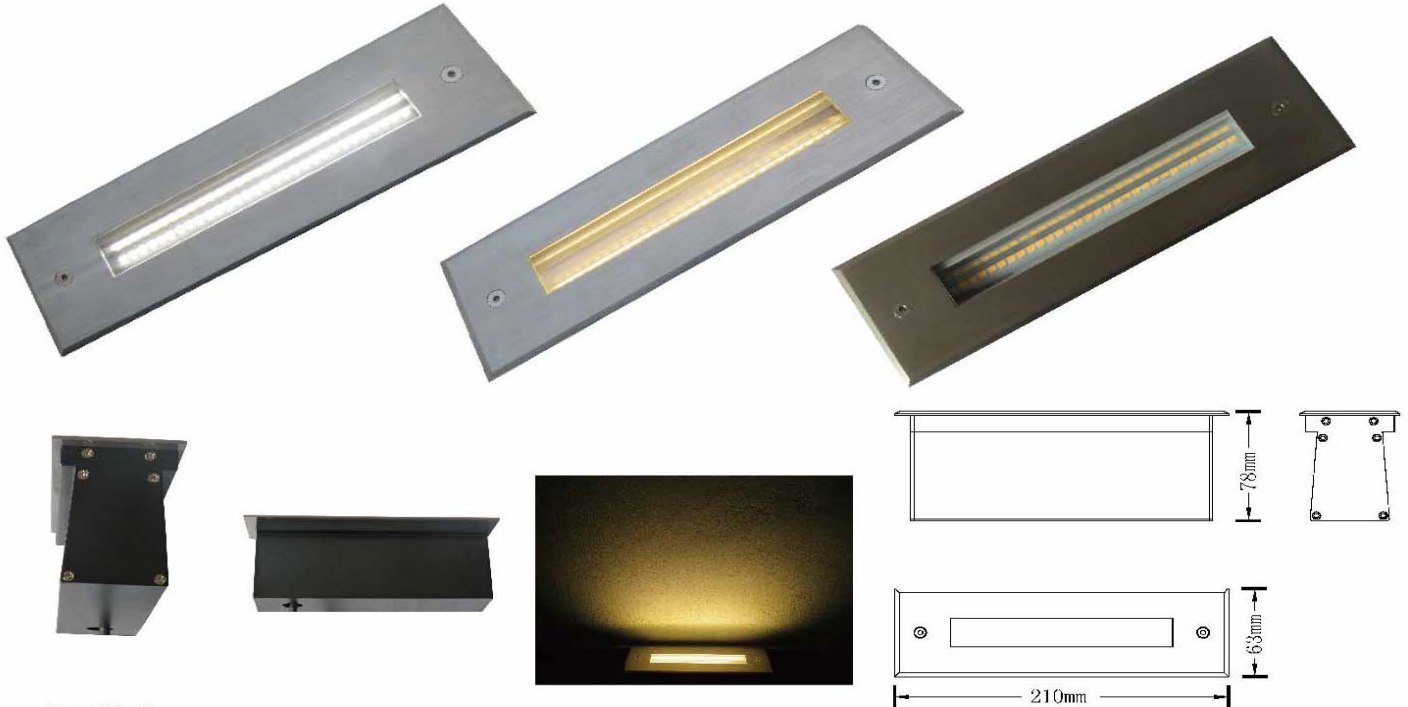




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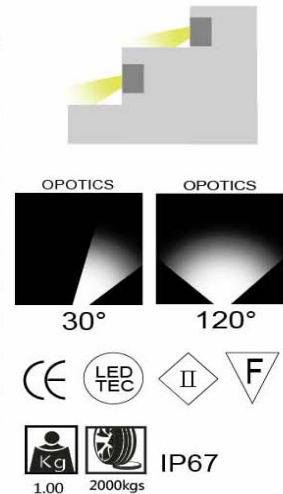
Haier LED Factory lighting

LED UNDERGROUND /UNDER WATER / WALL WASHER



Specification:

Housing	Anodized extruded aluminium 6063 ; CNC machined for high precision
Thickness of oxide film for housing	20~25µm
Front cover	Stainless steel 316
Reflector	PMMA,light transmittance > 90%
Glass	Step style,Super White,Tempered Glass.T=8mm.
Loading Capacity of Glass	Exert force area of ∅ 10mm=1110kgs, ∅ 30mm=1720kgs, ∅ 60mm=2000kgs
Waterproof Connecto	PG9 IP67
Gasket	PMQ silicone O-ring seal
LED	30PCS 2835 SMD LEDs
Driver	Constant Current
Output	1 Loop
Working tempetature	-20℃ -70℃
Power Cable	H05RN-F 3*0.75mm² L=1.5m (high voltage)
Mounting Sleeve	Anodized extruded Aluminium 6063 .CNC machined high precision



Input voltage	Input Current	Power	Color	LED Qty	Beam Angle	Luminous Flux(LM)
AC100-255V	53mA	7.5W	CW/WW	30pcs 2835	120° & Assymetrical 30°	CW=350LM,WW=330LM





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LED UNDERGROUND /UNDER WATER / WALL WASHER



General Data

Item No.	SL-3001RGBW-A
Power	12 Watts
LED type	3 PCS 4W 3in1 RGB Epistar SMD LEDs
Luminous flux	450~500 lm (All LEDs on)
CCT	RGB+WW3000K or RGB+CW6000K
CRI	70+
Beam angle	25°, 45°, 60°
Dimension	90 x 73 (mm) Diameter x Length
Cut out	/
Net weight	1.12 kgs
Warranty	3 years
Certifications	CE, RoHS

Electrical

Input voltage	DC24V
Insulation class	Class III
Cable	1PC rubber cable 1.5M H05RN-F 5x0.75mm square
Driver	Low voltage constant current output ,excluding the transformer

Construction

IP rating	IP68 Waterproof
IK rating	IK06
Housing	Stainless steel 304
Protection finishing	/
Trim	Stainless steel 304
Glass	Tempered Glass.T=4.6mm.
Loading capacity	320 kgs
Cable Gland	PG7 IP68 ,glue
Gasket	O-ring PMQ silicone seal

Accessories

Bracket	Stainless steel 304 bracket
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Packaging

Inner box size	110*110*135 mm
Carton size	57.5*24*16 cm (10PCS / carton)

3 Years Warranty

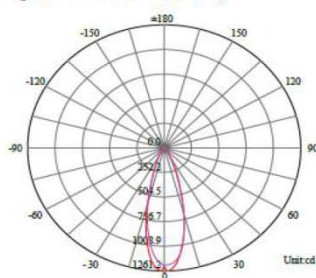
IP68



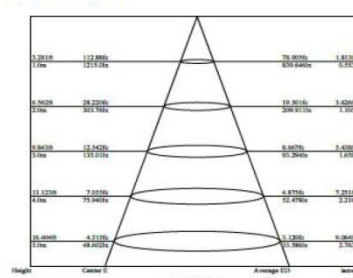
IK06

Photometric Data (All LEDs on, 25°) & Illumination Picture

Light Distribution Curve [Unit: cd]



Lux distance Curve



Illumination Picture

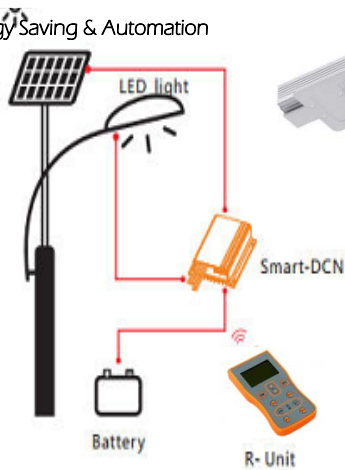




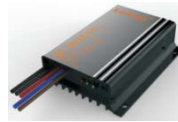
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โคมไฟถนนโซล่าเซลล์เลือก **spec** ตามการใช้งานได้

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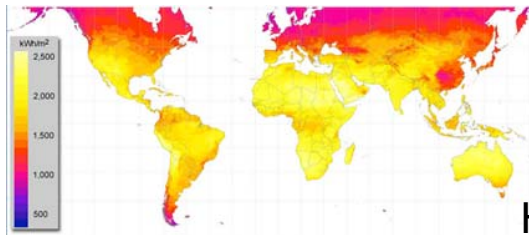
LIFE TIME 25 Y



Controller



Battery



HOW TO CALCULATE

 Model	Working Parameter										Battery Autonomy Calculated (formulas)				
	Solar Light Basic Information				Working Mode										
	Power of Solar panel - MONO Cell (Pmax)	Sunlight hours each day	Battery capacity (AH)	Lamp power (W)	1st block lamp output (%)	1st working block (hours)	2nd block lamp output (%)	2nd working block (hours)	3rd block lamp output (%)	3rd working block (ho urs)	Battery Autonomy Rainy days (without any sunshine) (days)	Charge empty to full (days)	Generating current each day(AH)	Discharging current each day(AH)	Surplus battery charge(AH)
PL-U15W(PWM)	45	5	17	15	70	3	50	3	25	2	3.15	1.88	11.43	5.06	6.37
PL-U20W(PWM)	60	5	24	20	90	3	50	3	25	2	2.91	2.17	15.23	7.73	7.50
PL-U30W(MPPT)	80	5	36	30	80	3	50	3	10	2	2.78	1.77	26.00	12.95	13.05
PL-U50W(MPPT)	110	5	56.6	45	75	3	50	3	10	2	3.03	2.22	35.75	18.71	17.04



INTEGRATED DESIGN, LIGHT CONTROL, REMOTE CONTROL





Haier

โคมไฟถนนโซล่าเซลล์ ALL IN ONE

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Material:aluminium
Condition Temperature:-20-50
LED Qty:20w
Work Humidity:>95%
Input: 12 Vdc
CRI : >70 Ra
Control:20W
Controller efficiency:>0.9
Batteries : 16AH
Lens angle:60*120
Panel : 40WP
Work time :0-12H
Short Current : <5mA
Waterproof : IP 65
Lighting effect:100-110LM/W
Spec : L1210*W315*H65mm
Luminous Flux (lm) : 2000-2200LM
GW : 15.2kg NW:13.5kg



Material:aluminium
Condition Temperature:-20-50
LED Qty:40w
Work Humidity:>95%
Input: 12 Vdc
CRI : >70 Ra
Control:40W
Controller efficiency:>0.9
Batteries : 24AH
Lens angle:60*120
Panel : 60WP
Work time :0-12H
Short Current : <5mA
Waterproof : IP 65
Lighting effect:100-110LM/W
Spec : L1210*W315*H65mm
Luminous Flux (lm) : 3000-3300LM
GW : 15.2kg NW:13.5kg



Material:aluminium
Condition Temperature:-20-50
LED Qty:80w
Work Humidity:>95%
Input: 12 Vdc
CRI : >70 Ra
Control:40W
Controller efficiency:>0.9
Batteries : 33AH
Lens angle:60*120
Panel : 70WP
Work time :0-12H
Short Current : <5mA
Waterproof : IP 65
Lighting effect:100-110LM/W
Spec : L1210*W315*H65mm
Luminous Flux (lm) : 4000-4400LM
GW : 15.2kg NW:13.5kg



Material: aluminium	Condition Temperature: -20-50℃
LED Qty: 80pcs Philips/Osram led	Work Humidity: >95%
Power: 50W	Colour rendering index: 70Ra
Input Voltage: DC12V	Controller efficiency: ≥0.90
Control: 60W	Lens angle: 60°120°
Batteries: 40aH	Work time: 0-12H
Panel: 80WP	Waterproof: IP65
Short Current: <5mA	GW: 16.2kg NW:14.5kg
lighting effect:100-110LM/W	spec.: L1460*W315*H65MM
Luminous Flux (lm): 5000-5500LM	package size: 156*41*17CM

Material: aluminium	Condition Temperature: -20-50℃
LED Qty: 120pcs Philips/Osram led	Work Humidity: >95%
Power: 60W	Colour rendering index: 70Ra
Input Voltage: DC12V	Controller efficiency: ≥0.90
Control: 60W	Lens angle: 60°120°
Batteries: 48aH	Work time: 0-12H
Panel: 90WP	Waterproof: IP65
Short Current: <5mA	GW: 20.9kg NW:18.9kg
lighting effect:100-110LM/W	spec.: L1690*W315*H65MM

Material: aluminium	Condition Temperature: -20-50℃
LED Qty: 120pcs Philips/Osram led	Work Humidity: >95%
Power: 80W	Colour rendering index: 70Ra
Input Voltage: DC12V	Controller efficiency: ≥0.90
Control: 100W	Lens angle: 60°120°
Batteries: 64aH	Work time: 0-12H
Panel: 100WP	Waterproof: IP65
Short Current: <5mA	GW: 21.5kg NW:19.5kg
lighting effect:100-110LM/W	spec.: L1690*W315*H65MM
Luminous Flux (lm): 8000-8800LM	package size: 179*41*17CM

Material: aluminium	Condition Temperature: -20-50℃
LED Qty: 160pcs Philips/Osram led	Work Humidity: >95%
Power: 100W	Colour rendering index: 70Ra
Input Voltage: DC12V	Controller efficiency: ≥0.90
Control: 100W	Lens angle: 60°120°
Batteries: 80aH	Work time: 0-12H
Panel: 120WP	Waterproof: IP65
Short Current: <5mA	GW: 24kg NW:21.5kg
lighting effect:100-110LM/W	spec.: L1860*W315*H65MM
Luminous Flux (lm):10000-11000LM	package size: 196*41*17CM





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SOLAR LIGHT



Why US?

- ①: Lighting time & brightness are changeable via remote controller.
- ②: Built-in switch ON/OFF button. Easy to turn on system.
- ③: High lumens output up to 150lm/W max with 72Pcs of Philips LED.
- ④: Solar panel is separated from light, changeable & adjustable, better than all in one models.
- ⑤: Fast connection with MC4 connectors to solar panel directly.



Bug Free



No Mercury



Bright Color



Long Lifetime



Low Wattage



Energy Saving



Eco Friendly

PL-D10W		Power: 10W Efficiency:>1300lm	Lithium Battery 120WH 12V	18V 25W Poly Cell Solar panel With bracket.	100% Power 6 Hrs +50% Power 6 Hrs With ON/OFF Switch
PL-D20W		Power: 20W Efficiency:>2800lm	Lithium Battery 240WH 12V	18V 40W Poly Cell Foldable solar panel With bracket.	100% Power 6 Hrs +50% Power 6 Hrs With ON/OFF Switch
PL-D30W		Power: 30W Efficiency:>4200lm	Lithium Battery 360WH 12V	18V 60W Poly Cell Foldable solar panel With bracket.	100% Power 6 Hrs +50% Power 6 Hrs With ON/OFF Switch



SCL-01



LED : 2000 lm
Li-ion battery : 8.8 wh 14.8v
Solar Panel : 12.5W 18v 10years span life.
Waterproof : IP 65
Solar chagging time : 7-9 hours by bright sunlight,
Install height : 3 m
Lighting time : Over 3night
Material : Aluminum + PC
Size : 675*460*150 mm
Warranty : 1 year

LED : 1000 lm
Li-ion battery : 12000mAh 3.7V (96.2WH)
Solar Panel : 6.4W 10years span life.
Waterproof : IP 65
Solar chagging time : 9-10 hours by bright sunlight,
Install height : 2.5-3.5m
Lighting time : Over 3night
Material : Aluminum + PC
Size : 675*460*150 mm
Warranty : 2 year



Leader of Energy Saving & Automation

Haier

Titans Series SSL-26 6000 Lumens All in One Solar Street Light

Features:

1. ALS(Adaptive Lighting System) to achieve all night lighting when Weather change. Constant current output!
2. VFT(Variable Frequency Technology) to Control and adjust the LED driver frequency to reach the max output of LED and Battery
3. TCS (Temperature Control System) to Protect the battery charging and discharging in high temperate
4. Big solar panel and high brightness All-in-one design, no need separated mount for solar panel and light.
5. The adjustable solar panel and LED Panel to increase the charging efficiency and lighting area
6. Customized high quality PIR which can reach motion distance over 15M
7. More professional 2 times lighting distribution for road lighting, wide lighting angle reach 140°
8. South Korea imported LED Chip SSC, 160 lumen/W
9. Remote control to setting the different lighting mode.



Solar Panel
Carton size: 94.1*25.8*32.2CM
QTY/CTNS: 2PCS
Steel Tube :
Carton size: 44*38.5*17.5CM
QTY/CTNS: 1PCS

SDL-01 Remote Controller 2500 Lumens All in One Solar Landscape Light

Features:

Aluminum alloy case, Peacock Screen Design with Patent
Replaceable Big Battery, Can Support 3 Nights Lighting
Remote Control to Setting the Timer/Brightness
PIR Motion Sensor For Energy Saving and Brighter Lighting
Professional Lighting Distribution to Improve Brightness & Enlarge the Lighting Area
Stable Current Output to Ensure Stable Brightness

Li-ion battery	: 26000mAh 3.7V (96.2WH)
Solar Panel	: 12W 5.5V
Waterproof	: IP 65
Solar charging time	: 10 hours by bright sunlight
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 675*460*150 mm
Warranty	: 2 year



SLL-17 400 Lumens Solar Wall Washer Light /Solar Advertising Light

Features:

All-Aluminum Case with Strong and Elegant Patent design
Multifunctional for Wall Washer, Advertising Lighting, Building & Bridge Decoration, Plant Landscape Decoration, Fence Light ect, Wide Range of Applications
Adjustable Angle to Change the Lighting & Decorating Area
Customizable Colors Base on Different Requirement, RGB Available

Li-ion battery	: 10400mAh 3.7V
Solar Panel	: 7.5W 5.5V
Waterproof	: IP 65
Solar charging time	: 6-7 hours by bright sunlight
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 1022*108*128 mm
Warranty	: 1 year





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Haier



SLL-14 4000 lumens All in one Solar Landscape Light

LED	: 2000 lm
Li-ion battery	: 8.8 wh 14.8v
Solar Panel	: 12.5W 18v 10years span life.
Waterproof	: IP 65
Solar chagging time	: 7-9 hours by bright sunlight,
Install height	: 3 m
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 675*460*150 mm
Warranty	: 1 year



SSL-07R Remote Control 4500 lumens all in one Solar street Light

LED	: 2000 lm
Li-ion battery	: 8.8 wh 14.8v
Solar Panel	: 12.5W 18v 10years span life.
Waterproof	: IP 65
Solar chagging time	: 7-9 hours by bright sunlight,
Install height	: 3 m
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 675*460*150 mm
Warranty	: 1 year



SGL-01100 Lumens Solar Post light

LED	: 100 lm
Li-ion battery	: 2000 mAh 3.7v
Solar Panel	: 1.6W 5.5v 10years span life.
Waterproof	: IP 65
Solar chagging time	: 7-8 hours by bright sunlight,
Install height	: 3 m
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 176*176*277 mm
Warranty	: 1 year



SGL-02 200Lumens Solar Garden Lawn Light

LED	: 200 lm
Li-ion battery	: 2000 mAh 3.7v
Solar Panel	: 1.6W 5.5v 10years span life.
Waterproof	: IP 65
Solar chagging time	: 7-8 hours by bright sunlight,
Install height	: 3 m
Lighting time	: Over 3night
Material	: Aluminum + PC
Size	: 176*176*802mm
Warranty	: 1 year



SLL-05 Solar Interaction underground light

LED	: 30 lm
Li-ion battery	: 2000 mAh 3.7v
Solar Panel	: 1W 5.5v
Waterproof	: IP 68
Solar chagging time	: 11 hours by bright sunlight,
Install height	: 3 m
Lighting time	: Over 3night
Material	: Stainess steel+Aluminum
Size	: 170*55mm
Warranty	: 1 year



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Haier LED Factory lighting

SOLAR LIGHT

เครื่องเพิ่มออกซิเจนในน้ำ



1. โครงเหล็กพ่นสีกันสนิมอย่างดี
2. ทุ่นลอยน้ำ 3 ทุ่น เป็น PC หนาเกรด A
3. น้ำหนัก 65 kg
4. กังหัน 25" 8 ใบพัด 4 วง
5. มอเตอร์ 250W สำหรับแผงโซลาร์เซลล์
6. Solarcell poly or Mono 250W ต่อแบบกริด 4 สาย การส่งถ่ายกำลังแบบเฟืองโซลดแรงเสียดทาน ใช้งานยาวนาน 90 รอบ / นาที ขึ้นอยู่กับแสงแดด 7-8 ชั่วโมง/วัน
7. ประหยัดพลังงานเทียบเท่ากับมอเตอร์ AC 2Hp ใช้งานวันละ 7-8 ชั่วโมงต่อวัน การคำนวณประหยัดได้ปีละ 9000-12000 บาท
8. ปลอดภัยจากการโดนไฟฟ้าดูดเพราะเป็น DC แรงต่ำ เหมาะกับบ่อน้ำเสีย บ่อสูดท้าย คลอง และแม่น้ำต่างๆ
9. ช่วยให้สัตว์น้ำ รักษาสิ่งแวดล้อม รักเรารักโลก
10. มี spare อะไหล่ทุกชิ้นส่วน บริการฟรี
11. มีตัวอัดจารบีอัตโนมัติ จากเยอรมัน คอยเติมจารบี





Leader of Energy Saving & Automation

Haier Solar Panel

MONOCRYSTALLINE SOLAR MODULE HNM80Wp -130Wp 36 CELLS SERIES

Bright & Treat



MECHANICAL PARAMETERS

Solar Cells	Monocrystalline Silicon Cells
Front Face	Tempered Glass 3.2 mm (Low Iron)
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulate	Ethylene Vinyl Acetate (EVA)
Frame	Anodized Aluminum Alloy
Junction Box	IP65 Rated with Diodes
Cables / Connectors	4mm ² x 900 mm / MC4 Compatible
Packaging	30PCS/PLT, 35PCS/PLT

PERFORMANCE UNDER STANDARD TEST CONDITION (STC)*

Model	HNM80Wp	HNM85Wp	HNM90Wp	HNM100Wp	HNM110Wp	HNM120Wp	HNM130Wp
Maximum Power at STC (Wp)	80	85	90	100	110	120	130
Maximum Power Voltage (Vmp/V)	17.9	17.9	18.0	18.0	18.1	18.2	18.2
Maximum Power Current (Imp/A)	4.47	4.75	5.02	5.56	6.08	6.59	7.14
Open Circuit Voltage (Voc/V)	21.8	21.8	21.9	21.9	22.0	22.1	22.2
Short Circuit Current (Isc/A)	4.82	5.20	5.40	6.00	6.58	7.14	7.70
Module Efficiency (%)	15.38	13.93	13.04	14.50	13.75	15.00	16.25
Power Tolerance (W)	-0~+5W	-0~+5W	-0~+5W	-0~+5W	-0~+5W	-0~+5W	-0~+5W
Solar Cell Size(mm)	156x78	156x93.6(3/5)	156x52	156x52	156x125	156x125	156x125
Solar Cell Quantity & Array	36PCS(4x9)	36PCS(4x9)	36PCS(4x9)	36PCS(4x9)	36PCS(4x9)	36PCS(4x9)	36PCS(4x9)
Module Dimension (mm)	770x670x30	905x670x30	1030x670x30	1030x670x30	1200x670x30	1200x670x35	1200x670x35
Module Area (m ²)	0.52	0.61	0.69	0.69	0.80	0.80	0.80
Module Weight (Kg)	6.00	6.80	7.80	7.80	9.20	9.20	9.20

*STC: Irradiance 1000W/m², Module Temperature 25 °C, Air Mass 1.5

TEMPERATURE RATINGS

Nominal Operating Cell Temperature	45°C (±2°C)
Temperature Coefficient of Isc (αIsc)	+0.058%/°C
Temperature Coefficient of Voc (βVoc)	- 0.330%/°C
Temperature Coefficient of Pmax (γPmp)	- 0.410%/°C

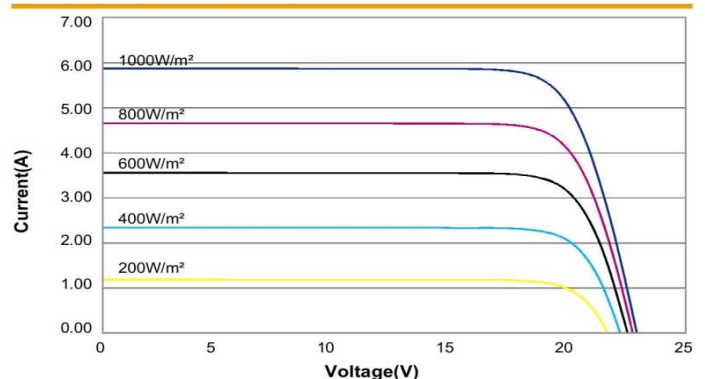
WORKING CONDITIONS

Maximum System Voltage	DC 1000 V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	10 A
Maximum Load (Snow/Wind)	5400 Pa / 2400 Pa
Application Class	Class A

LINEAR PERFORMANCE WARRANTY



I-V CURVE OF PV MODULE (100Wp)



CERTIFICATES

IEC 61215, IEC 61730, CEC Listed, MCS, INMETRO, JET, CSA, and CE



WARNING:
Modules generates electricity when expose to sunlight.
Be careful of dangerous high DC voltage while connecting connectors.



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Solar Battery



Model: DJM1240(12V40AH)
Voltage: 12V
Capacity: 40.0AH
Size: 197*165*170
Weight: 12.2 Kg



Model: DJM1245(12V45AH)
Voltage: 12V
Capacity: 45.0AH
Size: 197*165*170
Weight: 14.5 Kg



Model: DJM1250(12V50AH)
Voltage: 12V
Capacity: 50.0AH
Size: 257*132*200
Weight: 18.1



Model: DJM1255(12V55AH)
Voltage: 12V
Capacity: 55.0AH
Size: 197*165*170
Weight: 17.0 Kg



Model: DJM1265(12V65AH)
Voltage: 12V
Capacity: 65.0AH
Size: 348*167*178
Weight: 21.0 Kg



Model: DJM1270(12V70AH)
Voltage: 12V
Capacity: 70.0AH
Size: 348*167*178
Weight: 24.0 Kg



Model: DJM1275(12V75AH)
Voltage: 12V
Capacity: 75.0AH
Size: 348*167*178
Weight: 24.0 Kg



Model: DJM1275(12V75AH)
Voltage: 12V
Capacity: 100.0AH
Size: 330*173*212
Weight: 30.4 Kg



Model: DJM12150(12V150AH)
Voltage: 12V
Capacity: 120.0AH
Size: 410*177*225
Weight: 37.6 Kg



Model: DJM12200(12V200AH)
Voltage: 12V
Capacity: 200.0AH
Size: 522*240*218
Weight: 64.0 Kg



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Haier LED Factory lighting



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SOLAR LIGHT

Solar Road Stud					
BT-SR-101	BT-SR-101B	BT-SR-101C	BT-SR-102	BT-SR-103	BT-SR-104

LED color :
Red,yellow,white,green,blue
Unit size : 103*103*23 mm
Unit weight : N.W.037 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 120*113*23 mm
Unit weight : N.W.040 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 103*103*23 mm
Unit weight : N.W.040 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 105*110*20 mm
Unit weight : N.W.032 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 110*95*23 mm
Unit weight : N.W.037 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 132*122*20 mm
Unit weight : N.W.037 kg/pc

BT-SR-104B	BT-SR-105	BT-SR-106	BT-SR-108	BT-SR-111

LED color :
Red,yellow,white,green,blue
Unit size : 132*122*75 mm
Unit weight : N.W.0.60 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 106*103*50 mm
Unit weight : N.W.0.88 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 103*103*23 mm
Unit weight : N.W.1.15 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 105*120*75 mm
Unit weight : N.W.0.7 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 123*23 mm
Unit weight : N.W.0.29 kg/pc

Aluminum Road Stud			LED Wired Road Stud		
BT-Rd-A	BT-Rd-B (Glass beads)	BT-RD-21 (Glass beads)	BT-WRS-201	BT-WRS-202	BT-WRS-203

LED color : Yellow , white
Unit size : 105*105*20 mm
Unit weight : N.W.0.27 kg/pc

LED color : Yellow , white
Unit size : 105*105*25 mm
Unit weight : N.W.0.3 kg/pc

LED color : Yellow , white
Unit size : 100*100*20 mm
Unit weight : N.W.0.28 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 130*90*25 mm
Unit weight : N.W.0.45 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 100*105*20mm
Unit weight : N.W.0.30 kg/pc

LED color :
Red,yellow,white,green,blue
Unit size : 105*110*20mm
Unit weight : N.W.0.35 kg/pc

Solar Yellow Flashing Light/ Solar Aviation Light/Solar Warning Light						
Product info						
	BT-ST-200	BT-ST-300	BT-ST-400	BT-SAL-10W(aviation)	BT-SWL-508	BT-SWL-508B

LED color : 66pcs
Yellow , red
Unit size : 105*105*20 mm
Unit weight : N.W.10 kg/pc

LED color : 95pcs
Yellow , red
Unit size : 105*105*20 mm
Unit weight : N.W.14 kg/pc

LED color : 174pcs
Yellow , red
Unit size : 105*105*20 mm
Unit weight : N.W.19 kg/pc

LED color : 36pcs
white , red,yellow
Unit size : 105*105*20 mm
Unit weight : N.W.14 kg/pc

LED color : 6pcs
Yellow , white
Unit size : 105*105*20 mm
Unit weight : N.W.0.43 kg/pc

LED color : 6pcs
Yellow , white
Unit size : 105*105*20 mm
Unit weight : N.W.0.85 kg/pc



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Haier LED Factory lighting



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SOLAR LIGHT

Solar Traffic Warning Light

BT-SWL-901-A	BT-SWL-901-B	BT-SWL-902-A	BT-SWL-902-B	BT-SWL-903	BT-SAL-10W

LED color :Red,yellow,blue
LED:30pcs/unit,4 units
Unit weight : N.W.8 kg/pc

LED color : Red,blue
LED:30pcs/unit,4units
Unit weight : N.W.8 kg/pc

LED color : Red,blue
LED:20pcs/unit,8units
Unit weight : N.W.12 kg/pc

LED color : Red,blue
LED:20pcs/unit,8units
Unit weight : N.W.12 kg/pc

LED color : Red,blue
LED:10pcs/unit,10 units
Unit weight : N.W.13 kg/pc

LED color :Red,yellow,white
LED:36pcs/unit ,1 unit

Solar Warning Light

Product info						
	BT-SWL-501	BT-SWL-502A	BT-SWL-502B	BT-SWL-503	BT-SWL-504	BT-SWL-505
Body color	Silver + red	Red, Yellow	Red, Yellow	Red, Yellow, White	Red, Yellow	Red, Yellow
LED qty	4pcs	18pcs	18pcs	6pcs	2pcs	16pcs
LED color	red,yellow,white,green,blue	Red, Yellow	Red, Yellow	Red, Yellow, White	Red, Yellow	red,yellow,white,green,blue
Unit weight	Volume weight: 0.51kg/pc	Volume weight: 0.68kg/pc	Volume weight: 0.68kg/pc	Volume weight: 0.3kg/pc	Volume weight: 1.5kg/pc	Volume weight: 2.0kg/pc

Solar Traffic Sign

Product info			
	Depends on customer's requirement		

Solar Guardrail Light

Product info		
Unit weight	N.W.: 0.35kg/pc	Volume weight: 0.4kg/pc

Solar Ground Light

Product info						
	BT-SGL-801	BT-SGL-802	BT-SGL-803	BT-SB-601	BT-SB-602	BT-SB-603
Led qty	4pcs	6pcs	1pcs	4pcs	4pcs	4-6pcs
LED color	red,yellow,white,green,blue	red,yellow,white,green,blue	red,yellow,white,green,blue	red,yellow,white,green,blue	red,yellow,white,green,blue	red,yellow,white,green,blue
Unit weight	N.W.: 0.4kg/pc	N.W.: 0.67kg/pc	N.W.: 0.09kg/pc	N.W.: 0.4kg/pc	N.W.: 1.35kg/pc	N.W.: 1.3kg/pc

Solar Brick Light

Product info					
	BT-SPL-10W	BT-SPL-20W	BT-SL-N500A (motion sensor)	BT-SL-N500B (light sensor)	BT-SL-M8B
Led qty	1pc	1pc	8pcs	4pcs	6pcs/8pcs/10pcs/12pcs
LED color	White	White	White, warm white	White, warm white	White
Unit weight	Volume weight: 5.7kg/pc	Volume weight: 8.5kg/pc	Volume weight: 0.2kg/pc	Volume weight: 0.2kg/pc	Volume weight: 0.2kg/pc

Haier Project Reference



Tata Steel (Thailand) PLC.



The Siam Construction Steel Co.,Ltd.



Kimberly-Clark



MAHACHAI CHEMICALS CO.,LTD



ผู้รับเหมาและร้านค้าต่างๆทั่วประเทศ รวมถึงต่างประเทศ



Leader of Energy Saving & Automation

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