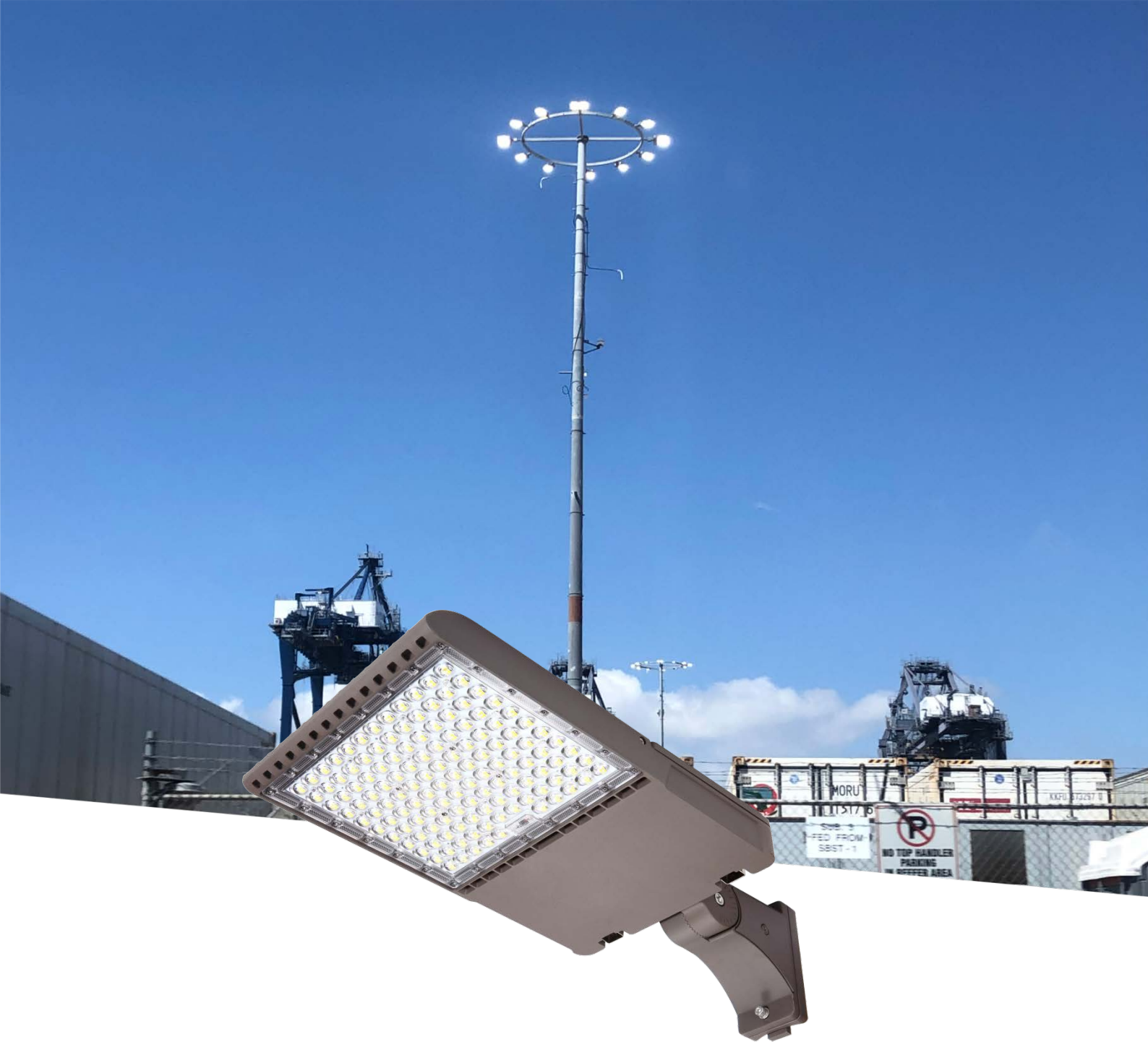




# LED AREA LIGHT

## SL4



Note : Not all of the products indicated in this specification are DLC premium listed, please refer to <https://www.designlights.org/searcher> for more details

LED area light is a device which are consist of aluminum alloy frame, LED light source model and driver. It can be a replacement of HID and other traditional light fixture, provided with higher efficacy, a longer lifetime 50,000H at least or even more up to 100,000H and very lower breakdown opportunity, higher reliability and better cost than any light before.

The high-performance, IP65-rated luminaire delivers a minimum of 150Lm/W, providing significant energy savings while remaining durable in the field.

### Application:

- Outdoor roadway mainly
- large industrial area, parking field, sidewalks
- IP65, wet location
- Working temperature: -40℃ to +50℃

### Optics feature

- CCT: 2700-6500K
- CRI: Ra70
- Light efficacy: up to 150Lm/W
- Beam angle : Type3/Type4/Type5

### Electronic data

- Input voltage: 100-277Vac, 277-480Vac
- 6KV surge protection
- PF>90% and THD<10% (full loading)
- Free of flickering

### Others

- Pole and wall mounting
- Finishing: Brown/White/Black/Customization
- 5 years warranty

### Smart function

- Dimming function with 3 in1 (continual dimming)
- Optional for motion sensor and photocell controller

## Technical Parameters

| Typical Power (W) | Input voltage (V)        | Luminous (Lumen) | Efficacy (LM/W) | Typical CCT (K)          | Ra | Beam Angle        | LED Chip | PF     | IP   | Dimension (L*W*H)              |
|-------------------|--------------------------|------------------|-----------------|--------------------------|----|-------------------|----------|--------|------|--------------------------------|
| 60W               | AC100-277V<br>AC277-480V | 9000             | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 | 435*277*75mm<br>17.1*10.9*3.0" |
| 80W               | AC100-277V<br>AC277-480V | 12000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |
| 100W              | AC100-277V<br>AC277-480V | 15000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |
| 120W              | AC100-277V<br>AC277-480V | 18000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |
| 150W (Small)      | AC100-277V<br>AC277-480V | 22500            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |
| 150W (Medium)     | AC100-277V<br>AC277-480V | 22500            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 | 520*277*75mm<br>20.5*10.9*3.0" |
| 200W              | AC100-277V<br>AC277-480V | 30000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |
| 240W              | AC100-277V<br>AC277-480V | 36000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 | 600*322*75mm<br>23.6*12.7*3.0" |
| 300W              | AC100-277V<br>AC277-480V | 45000            | 150             | 3000/4000/5000/5700/6500 | 70 | TYPE3/TYPE4/TYPE5 | 3030     | > 0.95 | IP65 |                                |

## Ordering Information

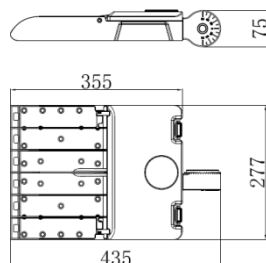
| Electronic chart.                                          |                          |                                   |                                 | Optical chart.                                                                          |                    |                                                |                                                               | Instruction chart.      |                                  |                                                                                              |                     | Smart function                                 |                                                                                 |
|------------------------------------------------------------|--------------------------|-----------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|--------------------|------------------------------------------------|---------------------------------------------------------------|-------------------------|----------------------------------|----------------------------------------------------------------------------------------------|---------------------|------------------------------------------------|---------------------------------------------------------------------------------|
| A                                                          | B                        | C                                 | D                               | E                                                                                       | F                  | G                                              | H                                                             | I                       | J                                | K                                                                                            | L                   | M                                              | N                                                                               |
| Rated power                                                | Input voltage            | Driver brand                      | Dimming                         | CCT                                                                                     | CRI                | LED CHIP                                       | Beam Angle                                                    | Dimension               | Color                            | Installation                                                                                 | Lens                | Surge Protector                                | Sensor                                                                          |
| 60W<br>80W<br>100W<br>120W<br>150W<br>200W<br>240W<br>300W | L-100-277V<br>H-277-480V | 1-SOSEN<br>2-MEANWELL<br>5-FAHOLD | Blank-No dimmable<br>D-Dimmable | 27K-2700K<br>30K-3000K<br>40K-4000K<br>50K-5000K<br>57K-5700K<br>60K-6000K<br>65K-6500K | 70-Ra70<br>80-Ra80 | 1 Seoul3030<br>2 Tongyifang3030<br>3 Osram3030 | T1-TYPE 1<br>T2-TYPE 2<br>T3-TYPE 3<br>T4-TYPE 4<br>T5-TYPE 5 | S3/S4<br>M3/M4<br>L3/L4 | BK-Black<br>BR-Brown<br>WH-White | Blank-Non-bracket<br>A-Bracket A<br>C-Bracket C<br>D-Bracket D<br>E-Bracket E<br>F-Bracket F | Blank-PC<br>G-Glass | Blank-No surge protector<br>SP-Surge protector | Blank-Sensorless<br>L-Photocell<br>M-Motion sensor<br>S-Photocell+motion sensor |

Model: HG-SL-ABCD-EFGH-IJKL-MN, For example: HG-SL-150WD-EFGH-IJKL-MN

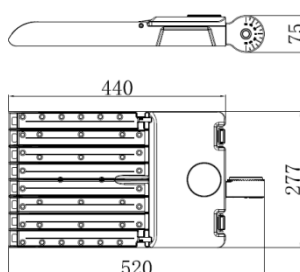
## Dimension

SL series Area for light provide 3 basic dimension. The small size for max 150W, the medium size for max 200W, the large size for max 300W.

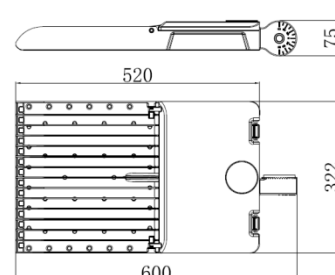
There are 5 installation brackets for different application, such as round/square pole, wall mounting, and can adjust the beam angle accordingly.



**60W-150W(Small)**



**150W(Medium)-200W**



**240W-300W**

## Installation diagram

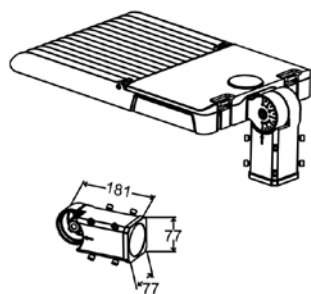
**Bracket A**

Slip Fitter

Application: Round Pole

Adjustable range:  $-90^{\circ}$ ~ $+90^{\circ}$

Division:  $8^{\circ}$



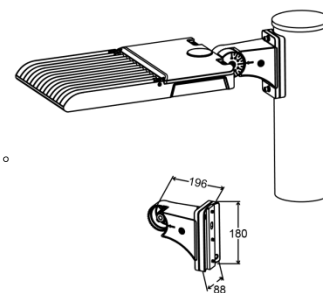
**Bracket C**

Adjustable Pole bracket

Application: Round Pole

Adjustable range:  $-90^{\circ}$ ~ $+90^{\circ}$

Division:  $8^{\circ}$



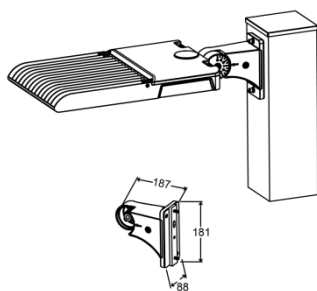
**Bracket D**

Adjustable Square bracket

Application: Square Pole

Adjustable range:  $-90^{\circ}$ ~ $+90^{\circ}$

Division:  $8^{\circ}$



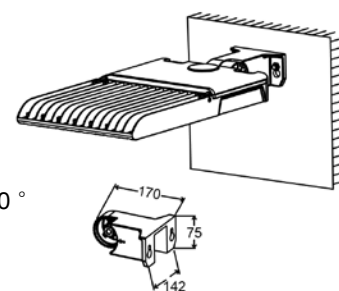
**Bracket E**

YOKE bracket

Application: Wall mount

Adjustable range:  $-90^{\circ}$ ~ $+90^{\circ}$

Division:  $8^{\circ}$



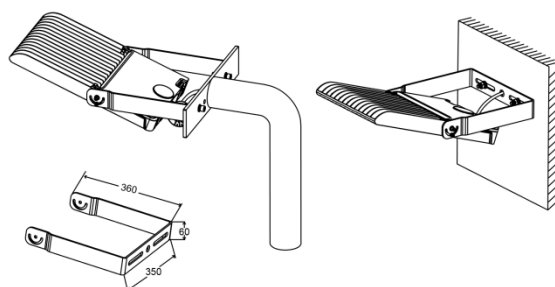
**Bracket F**

U- bracket

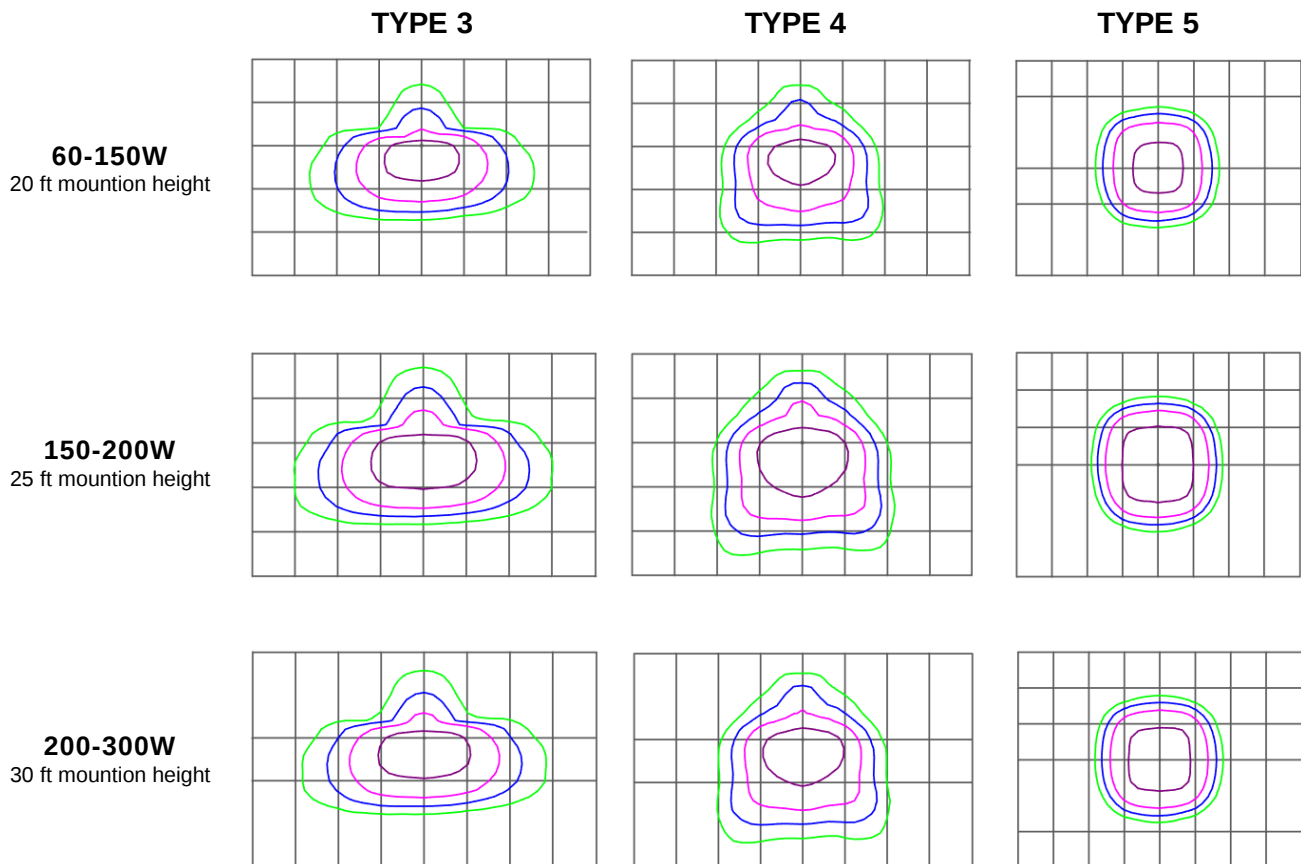
Application: Wall/Pole

Adjustable range:  $-90^{\circ}$ ~ $+90^{\circ}$

Division: Continuous



## Photometry

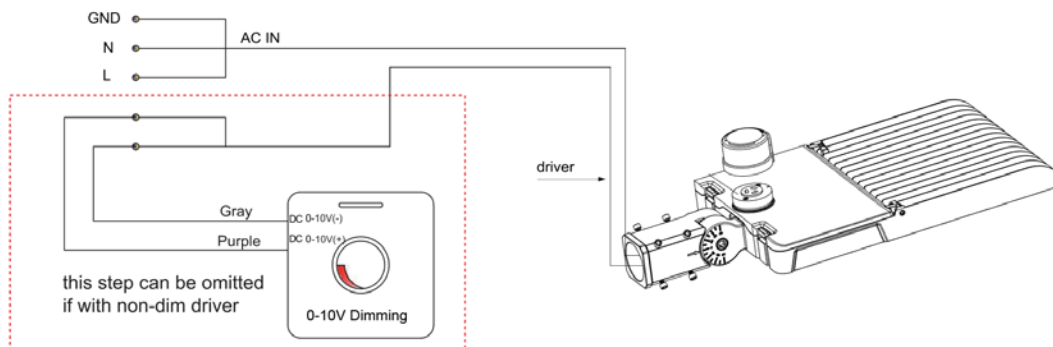


## Wiring Connection

Turn off the power, connect AC wire.

Dimmer connection ( With dimmable driver.)

1. Compatible with 0-10v dimming.
2. Connect wires as below, purples wire is D+, gray wire is D-

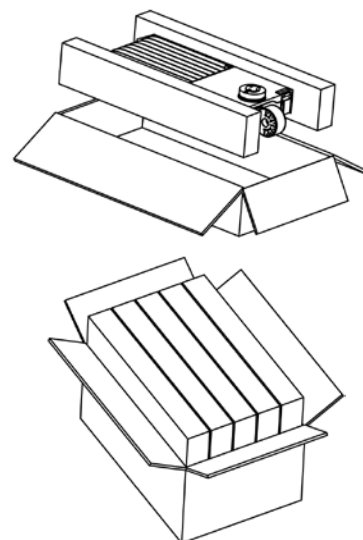


3. Hang up the light.

\*Installation Note- In non-dimming application, cap purple and gray wires individually.

## Package

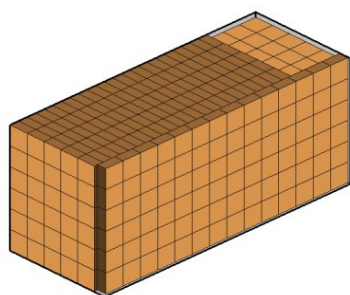
| Power            | NW(kg) | G.W(kg) | QTY/Carton | Outer carton dimension           |
|------------------|--------|---------|------------|----------------------------------|
| 60W              | 22.6   | 23.93   | 5          | 710x480x322mm<br>27.9x18.9x12.7" |
| 80W              | 22.6   | 23.93   | 5          | 710x480x322mm<br>27.9x18.9x12.7" |
| 100W             | 22.6   | 23.93   | 5          | 710x480x322mm<br>27.9x18.9x12.7" |
| 150W<br>(Small)  | 22.6   | 23.93   | 5          | 710x480x322mm<br>27.9x18.9x12.7" |
| 150W<br>(Medium) | 27.55  | 29.09   | 5          | 710x565x322mm<br>27.9x22.2x12.7" |
| 200W             | 27.55  | 29.09   | 5          | 710x565x322mm<br>27.9x22.2x12.7" |
| 240W             | 7.15   | 8.01    | 1          | 630x352x127mm<br>24.8x13.9x5"    |
| 300W             | 7.15   | 8.01    | 1          | 630x352x127mm<br>24.8x13.9x5"    |



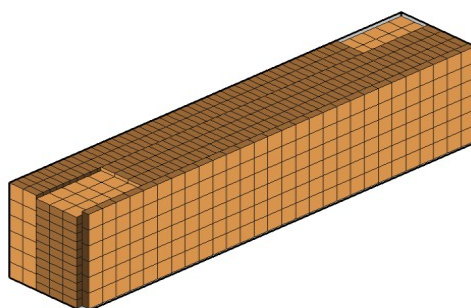
| QTY              | 20GP | 40GP | 40HC |
|------------------|------|------|------|
| 60-150W(Small)   | 1385 | 2805 | 3170 |
| 150(Medium)-200W | 1200 | 2415 | 2655 |
| 240-300W         | 915  | 2154 | 2359 |

Unit: pcs(bulk)

20GP  
6000\*2342\*2388 mm



40GP  
12017\*2342\*2388 mm



40HC  
12017\*2342\*2693 mm

