



► **GRNLED** Quality creates customer awareness and  
conscious customers create quality  
**LED LIGHT MANUFACTURER**



📍 Add: 4FL, Building B, Wanda Industrial Zone, Shiyan, Baoan District, Shenzhen  
📍 Add2: 2nd Floor, No. 15, Lane 9, Fu'ding Street, Xibian Village, Henglan Town, Zhongshan, China  
📞 +86 13570825764  
✉ info@grnled.com / grnled01@gmail.com  
📱 +86 13570825764 (whatsapp/ wechat ID)  
🌐 <http://grnled.com>

**2022**  
**BROCHURE**

By Greenriy Technology Co., Limited

Greenriy Technology Co., Ltd(Shenzhen Gelvmei Technology Co., Ltd) built-in 2014, is one of the leading LED light manufacturers with 6S production management standard which is specialized in producing, designing, supplying, exporting, marketing-led lights.

- > One-stop supplier of indoor & outdoor led lights
- > OEM & SKD available
- > Top quality & Competitive price.
- > Customization for different requirements available
- > Fast delivery
- > Reliable warranty Policy.
- > CE RoHS approval for LED Lights
- > ISO9001:2015 Quality Management System.
- > Provide professional lighting testing reports IES.



|  |                       |       |
|--|-----------------------|-------|
|  | Solar Street Light    | 01-03 |
|  | LED Streetlight       | 04-09 |
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### GR-SSL-A Series



#### Feature

- Adjustable Joint (90°)
- LiFePO4 Li-Battery, 3.2V/12.8V System
- High brightness Led chips, 100-150lm/W output
- Radar Sensor, Photocell dusk to dawn.
- Mono Solar panel, high efficiency.



| Order Model  | Power Watt | Solar Panel Watt | Li-Battery Volt |
|--------------|------------|------------------|-----------------|
| GR-SSL-60WA  | 60W        | 18V 60W          | 12.8V 24AH      |
| GR-SSL-80WA  | 80W        | 18V 80W          | 12.8V 30AH      |
| GR-SSL-100WA | 100W       | 18V 100W         | 12.8V 36AH      |

### GR-SSL-B Series



#### Feature

- Top quality
- A grade LiFePO4 Li-Battery 12.8V System
- High brightness Led chips, 140-160lm/W output
- MPPT Solar controller, Mono Solar panel, high efficiency
- Pole installation as standard, other installation adapters can be customized



| Order Model  | Power Watt | Solar Panel Watt | Li-Battery Volt |
|--------------|------------|------------------|-----------------|
| GR-SSL-30WB  | 30W        | 18V 50W          | 12.8V 27AH      |
| GR-SSL-40WB  | 40W        | 18V 65W          | 12.8V 28AH      |
| GR-SSL-50WB  | 50W        | 18V 70W          | 12.8V 36AH      |
| GR-SSL-60WB  | 60W        | 18V 80W          | 12.8V 42AH      |
| GR-SSL-80WB  | 80W        | 18V 100W         | 12.8V 57AH      |
| GR-SSL-100WB | 100W       | 18V 130W         | 12.8V 63AH      |
| GR-SSL-120WB | 120W       | 18V 140W         | 12.8V 72AH      |

### GR-SSL-F Series



#### Feature

- LiFePO4 Battery 12.8V
- Mono Solar panel, lifetime up 25years
- High brightness Led chips, 100-150lm/W output
- 3 different installation joints options



30W/40W



50W/60W/80W



100W/120W

| Order Model  | Power Watt | Solar Panel Watt | Li-Battery Volt |
|--------------|------------|------------------|-----------------|
| GR-SSL-30WF  | 30W        | 18V 50W          | 12.8V 24AH      |
| GR-SSL-40WF  | 40W        | 18V 65W          | 12.8V 30AH      |
| GR-SSL-50WF  | 50W        | 18V 70W          | 12.8V 36AH      |
| GR-SSL-60WF  | 60W        | 18V 80W          | 12.8V 42AH      |
| GR-SSL-80WF  | 80W        | 18V 100W         | 12.8V 48AH      |
| GR-SSL-100WF | 100W       | 18V 130W         | 12.8V 60AH      |
| GR-SSL-120WF | 120W       | 18V 150W         | 12.8V 66AH      |

### GR-SSL-H Series



#### Feature

- Adjustable 90° installation joint
- Mono Solar panel, lifetime up 25years
- High brightness Led chips, 130-170lm/W output
- Remote controller available, installation height 4-14meter



40W



50W/60W



80W



100W/120W

| Order Model  | Power Watt | Solar Panel Watt | Li-Battery Volt |
|--------------|------------|------------------|-----------------|
| GR-SSL-40WH  | 40W        | 18V 50W          | 12.8V 24AH      |
| GR-SSL-50WH  | 50W        | 18V 65W          | 12.8V 30AH      |
| GR-SSL-60WH  | 60W        | 18V 70W          | 12.8V 36AH      |
| GR-SSL-80WH  | 80W        | 18V 80W          | 12.8V 42AH      |
| GR-SSL-100WH | 100W       | 18V 100W         | 12.8V 48AH      |
| GR-SSL-120WH | 120W       | 18V 130W         | 12.8V 60AH      |

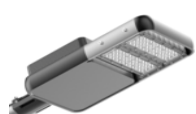
## GR-ZC-A Series

All in Two



### Feature

- Adjustable light module
- 12.8V Li-Battery be into street light body
- High brightness Led chips, 100-150lm/W output
- Working for pole height 5-14meter, Remote controller available



30W/40W



50W/60W



80W

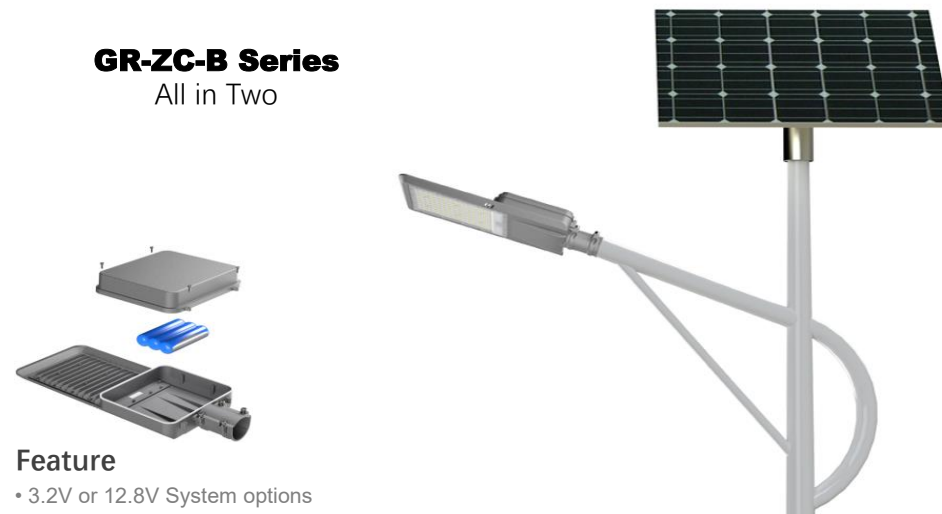


100W/120W

| Order Model | Power Watt | Solar Panel Watt | Li-Battery Volt |
|-------------|------------|------------------|-----------------|
| GR-ZC-30WA  | 30W        | 18V 40W          | 12.8V 18AH      |
| GR-ZC-40WA  | 40W        | 18V 50W          | 12.8V 24AH      |
| GR-ZC-50WA  | 50W        | 18V 65W          | 12.8V 30AH      |
| GR-ZC-60WA  | 60W        | 18V 80W          | 12.8V 36AH      |
| GR-ZC-80WA  | 80W        | 18V 100W         | 12.8V 42AH      |
| GR-ZC-100WA | 100W       | 18V 130W         | 12.8V 54AH      |
| GR-ZC-120WA | 120W       | 18V 170W         | 12.8V 60AH      |

## GR-ZC-B Series

All in Two



### Feature

- 3.2V or 12.8V System options
- Flexible choice for solar panel volume.
- LED Chip QTY up to 300pcs Max, highest lumens with cheap price



50W/100W



120W



150W



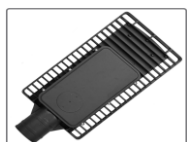
200W



300W

| Order Model | 3030Chip QTY | Dimension mm | Lumens Lm | Install Height |
|-------------|--------------|--------------|-----------|----------------|
| GR-ZC-50B   | 50pcs        | 500*210*85   | 5000      | 4-6m           |
| GR-ZC-60B   | 60pcs        | 500*210*85   | 6000      | 5-7m           |
| GR-ZC-100B  | 100pcs       | 500*210*85   | 10000     | 7-8m           |
| GR-ZC-120B  | 120pcs       | 550*225*90   | 11000     | 8-9m           |
| GR-ZC-150B  | 150pcs       | 600*245*90   | 12000     | 10m            |
| GR-ZC-200B  | 200pcs       | 660*267*95   | 13000     | 11m            |
| GR-ZC-300B  | 300pcs       | 790*264*84   | 15000     | 12-14m         |

## GR-SL-A Series



### Feature

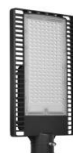
- Grey/black finished
- Philips SMD3030, 110-140lm/W Output
- DONE/PHILIPS/MEANWELL Driver, 2/3/5Years warranty
- Photocell / 0-10V/Triac Dimmable options. Lifetime up to 50000Hrs



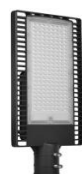
30W



50W



100W



150W/180W

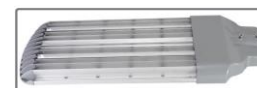


200W/240W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-30WA  | 30W        | 30pcs       | >0.95 | IP65     | Φ40mm            |
| GR-SL-50WA  | 50W        | 60pcs       | >0.95 | IP65     | Φ50mm            |
| GR-SL-100WA | 100W       | 120pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-150WA | 150W       | 180pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-180WA | 180W       | 180pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-200WA | 200W       | 240pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-250WA | 250W       | 250pcs      | >0.95 | IP65     | Φ60mm            |

## GR-SL-B Series

Economy modular type



### Feature

- Integrated module heat sink.
- Philips SMD3030, 110-150lm/W Output
- DONE/PHILIPS/MEANWELL Driver, 2/3/5Years warranty
- Photocell / 0-10V/Triac Dimmable options. 70°\*140° beam angle



100W



150W



200W



250W



300W



400W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WB | 100W       | 128pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-150WB | 150W       | 192pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-200WB | 200W       | 256pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-250WB | 250W       | 320pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-300WB | 300W       | 384pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-400WB | 400W       | 512pcs      | >0.95 | IP65     | Φ60mm            |



## GR-SL-C Series



### Feature

- Grey/black finished
- Philips SMD3030 or COB, 100-110lm/W Output
- Photocell / 0-10V/Triac /DALI Dimmable options
- Isolated waterproof driver. 100-240VAC as standard, AC/DC12V 24V 48V available



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-50WC  | 50W        | 1pcs        | >0.95 | IP65     | Φ50mm            |
| GR-SL-100WC | 100W       | 2pcs        | >0.95 | IP65     | Φ60mm            |
| GR-SL-150WC | 150W       | 3pcs        | >0.95 | IP65     | Φ60mm            |
| GR-SL-200WC | 200W       | 4pcs        | >0.95 | IP65     | Φ60mm            |
| GR-SL-250WC | 250W       | 5pcs        | >0.95 | IP65     | Φ60mm            |

## GR-SL-E Series



### Feature

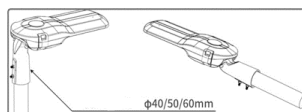
- Grey/black finished
- Philips SMD3030, 120-140lm/W Output
- Photocell / 0-10V/Triac /DALI Dimmable / SPD(10-20KV) optional
- DONE /Meanwell/ PHILIPS Driver, 3/5Years warranty. DC12V 24V 48V available



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WE | 100W       | 112pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-150WE | 150W       | 168pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-200WE | 200W       | 224pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-250WE | 250W       | 280pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-300WE | 300W       | 336pcs      | >0.95 | IP65     | Φ60mm            |

## GR-SL-F Series

Tool free



### Feature

- Clip parts, free-tool design
- Adjustable installation joint, 40mm/50mm/60mm diameter option
- Meanwell/ Philips/ DONE driver top quality types, 3/5/7 Years warranty
- Photocell/ 0-10V dimmable/ Cut-off switch available, 60°/90°/120°/T2M/T3M/T4M beam angle



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-50WF  | 50W        | 96pcs       | >0.95 | IP66     | Φ50mm            |
| GR-SL-100WF | 100W       | 144pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WF | 150W       | 192pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WF | 200W       | 256pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-250WF | 250W       | 256pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-300WF | 300W       | 384pcs      | >0.95 | IP66     | Φ60mm            |

## GR-SL-G Series



### Feature

- Removable led light module, easy replacements.
- Philips/osram SMD LED Chips, 110-150lm/W output. 70°/140° beam angle
- Isolated driver /Meanwell/ Philips/ DONE, 2/3/5 Years warranty. 6-20KV Surge protection



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WG | 100W       | 112pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WG | 150W       | 168pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WG | 200W       | 224pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-250WG | 250W       | 280pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-300WG | 300W       | 336pcs      | >0.95 | IP66     | Φ60mm            |



## GR-SL-K Series

Economy



### Feature

- Slim design, economy solution
- Photocell/0-10V dimmable available.
- Bridgelux SMD LED Chips, 100-110lm/W output
- Isolated driver CE approval, stable quality, 2/3 Years warranty. 120° beam angle.



30W



50W



100W



150W



200W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-30WK  | 30W        | 30pcs       | >0.95 | IP65     | Φ45mm            |
| GR-SL-50WK  | 50W        | 50pcs       | >0.95 | IP65     | Φ55mm            |
| GR-SL-100WK | 100W       | 100pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-150WK | 150W       | 150pcs      | >0.95 | IP65     | Φ60mm            |
| GR-SL-200WK | 200W       | 200pcs      | >0.95 | IP65     | Φ60mm            |

## GR-SL-P Series

Tool- free



### Feature

- Similar with PHILIPS Street light
- Clips design, Tool-free maintenance. Cut-off switch available
- Philips SMD 3030 LED Chips, 100-110lm/W output. Lens+ Glass cover
- Meanwell/ DONE/ PHILIPS DRIVER, 3/5/7 Years warranty. 70°\*140° beam angle.



100W



150W



200W



250W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WP | 100W       | 112pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WP | 150W       | 168pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WP | 200W       | 224pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-250WP | 250W       | 280pcs      | >0.95 | IP66     | Φ60mm            |

## GR-SL-R Series

Adjustable



### Feature

- Slim design, economy solution
- Adjustable installation joint, adjust 90°
- Bridgelux SMD LED Chips, 110-130lm/W output, 120° beam angle.
- Isolated driver CE approval, stable quality, 2/3 Years warranty. 4-6KV Surge protection



50W



100W



150W



200W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-50WR  | 50W        | 60pcs       | >0.95 | IP66     | Φ40mm            |
| GR-SL-100WR | 100W       | 120pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WR | 150W       | 180pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WR | 200W       | 240pcs      | >0.95 | IP66     | Φ60mm            |

## GR-SL-S Series



### Feature

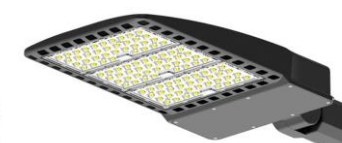
- Different installation part options
- Top quality in driver, and led chips, 120-170lm/W output
- Photocell /0-10V/DALI dimmable options, 6-20KV Surge protection, lifetime up to 100000hrs.



100W/150W



200W

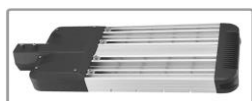


300W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WS | 100W       | 144pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WR | 150W       | 216pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WR | 200W       | 288pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-300WR | 300W       | 432pcs      | >0.95 | IP66     | Φ60mm            |

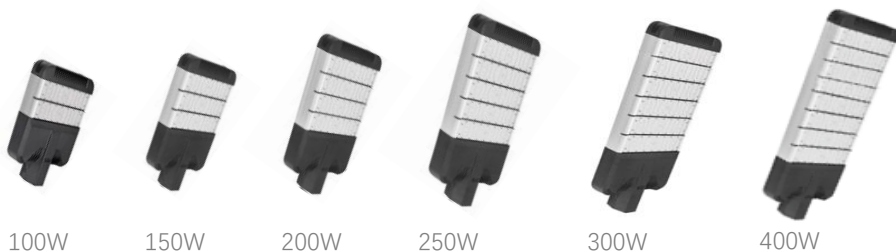
## GR-SL-T Series

100W-400W



### Feature

- Integrated module light design
- Philips SMD LED Chips, 110-150lm/W output, 70°140° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 2/3/5/7Years warranty. 4-20KV



100W 150W 200W 250W 300W 400W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WT | 100W       | 112pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-150WT | 150W       | 168pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WT | 200W       | 224pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-250WT | 250W       | 280pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-300WT | 300W       | 336pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-400WT | 400W       | 447pcs      | >0.95 | IP66     | Φ60mm            |

## GR-SL-Y Series

Philips type



### Feature

- Same as Philips street light in design
- Philips SMD LED Chips, 110-150lm/W output, 70°140° beam angle.
- Meanwell/DONE/PHILIPS available, 3/5/7Years warranty. 6-20KV surge protection.



100W 200W 250/300W 400W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Install Diameter |
|-------------|------------|-------------|-------|----------|------------------|
| GR-SL-100WY | 100W       | 144pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-200WY | 200W       | 240pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-300WY | 250/300W   | 288pcs      | >0.95 | IP66     | Φ60mm            |
| GR-SL-400WY | 400W       | 480pcs      | >0.95 | IP66     | Φ60mm            |

## GR-FL-M Series

50W/Modular Flood Lights



### Feature

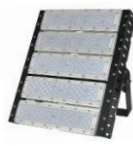
- Fin aluminum heat sink or pur heat sink option.
- Philips SMD LED Chips, 110-160lm/W output, 60°/90°/70°/140° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 3/5/7Years warranty. 6-10KV



50W/200W/500W



100W/150W



250W



400W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|-------------|------------|-------------|-------|----------|----------|
| GR-FL-50WM  | 50W        | 64pcs       | >0.95 | IP66     | 100-265V |
| GR-FL-100WM | 100W       | 128pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-150WM | 150W       | 192pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-200WM | 200W       | 256pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-250WM | 250W       | 320pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-300WM | 300W       | 384pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-400WM | 400W       | 448pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-500WM | 500W       | 640pcs      | >0.95 | IP66     | 100-265V |

## GR-FL-G Series

200W/Module Stadium Floodlight



### Feature

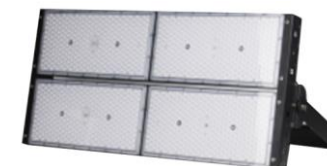
- Anti-glare cover optional.
- Philips SMD LED Chips, 130-160lm/W output, 25°/45°/60°/90° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 3/5/7Years warranty. 6-10KV



200W/400W



600W



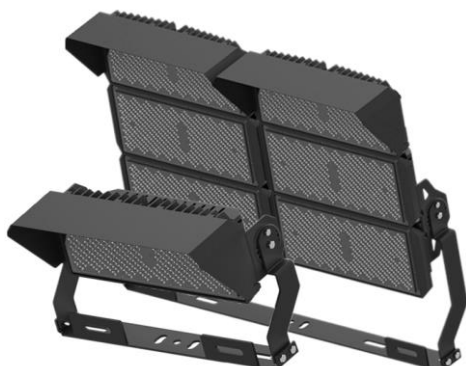
800W/1200W

| Order Model  | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|--------------|------------|-------------|-------|----------|----------|
| GR-FL-200WG  | 200W       | 343pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-400WG  | 400W       | 686pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-600WG  | 600W       | 1029pcs     | >0.95 | IP66     | 100-265V |
| GR-FL-800WG  | 800W       | 1372pcs     | >0.95 | IP66     | 100-265V |
| GR-FL-1200WG | 1200W      | 2178pcs     | >0.95 | IP66     | 100-265V |



## GR-FL-K Series

250W/Modular Flood Lights



### Feature

- 250W/modular for stadium, plaza as high mast.
- Philips SMD LED Chips, 110-160lm/W output, 15°/30°/45°/60°/90° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 3/5/7Years warranty. 6-10KV



500W



750W



1000W

| Order Model  | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|--------------|------------|-------------|-------|----------|----------|
| GR-FL-250WK  | 250W       | 336pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-500WK  | 500W       | 672pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-750WK  | 750W       | 1008pcs     | >0.95 | IP66     | 100-265V |
| GR-FL-1000WK | 1000W      | 1334pcs     | >0.95 | IP66     | 100-265V |
| GR-FL-1500WK | 1500W      | 2016pcs     | >0.95 | IP66     | 100-265V |

## GR-FL-E Series

50W/Modular Flood Lights



### Feature

- 250W/modular for stadium, plaza as high mast.
- Philips SMD LED Chips, 110-150lm/W output, 60°/90°/75°/150° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 3/5/7Years warranty. 6-10KV



150W



300W



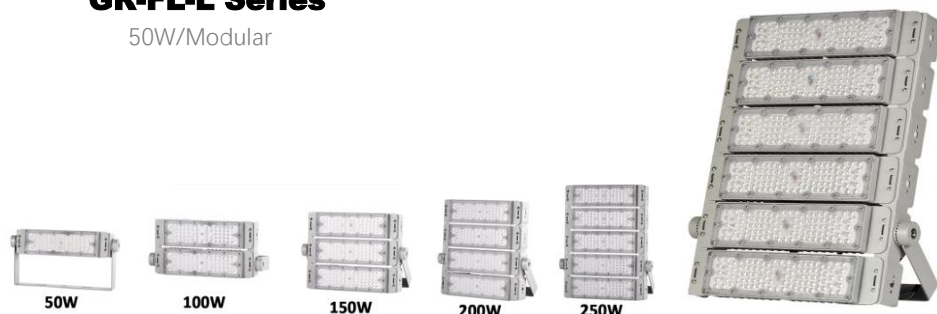
500W

| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|-------------|------------|-------------|-------|----------|----------|
| GR-FL-100WE | 100W       | 128pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-150WE | 150W       | 192pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-200WE | 200W       | 256pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-250WE | 250W       | 320pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-300WE | 300W       | 384pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-400WE | 400W       | 512pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-500WE | 500W       | 640pcs      | >0.95 | IP66     | 100-265V |



### GR-FL-L Series

50W/Modular



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|-------------|------------|-------------|-------|----------|----------|
| GR-FL-50WL  | 50W        | 64pcs       | >0.95 | IP66     | 100-265V |
| GR-FL-100WL | 100W       | 128pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-150WL | 150W       | 192pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-200WL | 200W       | 256pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-250WL | 250W       | 320pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-300WL | 300W       | 384pcs      | >0.95 | IP66     | 100-265V |

### GR-FL-U Series

Tool-Free Floodlight- Clips



| Order Model | Power Watt | Lumens lm | PF    | IP Grade | Voltage  |
|-------------|------------|-----------|-------|----------|----------|
| GR-FL-100WU | 100W       | 12500lm   | >0.95 | IP66     | 100-265V |
| GR-FL-150WU | 150W       | 18000lm   | >0.95 | IP66     | 100-265V |
| GR-FL-200WU | 200W       | 25000lm   | >0.95 | IP66     | 100-265V |

### GR-FL-Y Series

Slim Floodlight 90°



| Order Model | Power Watt | Lumens lm | PF    | IP Grade | Voltage  |
|-------------|------------|-----------|-------|----------|----------|
| GR-FL-50WY  | 50W        | 5500lm    | >0.95 | IP66     | 100-265V |
| GR-FL-100WY | 100W       | 11000lm   | >0.95 | IP66     | 100-265V |
| GR-FL-150WY | 150W       | 1600lm    | >0.95 | IP66     | 100-265V |
| GR-FL-200WY | 200W       | 22000lm   | >0.95 | IP66     | 100-265V |
| GR-FL-300WY | 300W       | 29500lm   | >0.95 | IP66     | 100-265V |

### GR-FL-V Series

High Mast Floodlight



| Order Model | Power Watt | LED QTY PCS | PF    | IP Grade | Voltage  |
|-------------|------------|-------------|-------|----------|----------|
| GR-FL-100WV | 100W       | 128pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-150WV | 150W       | 192pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-200WV | 200W       | 256pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-250WV | 250W       | 320pcs      | >0.95 | IP66     | 100-265V |
| GR-FL-300WV | 300W       | 384pcs      | >0.95 | IP66     | 100-265V |



**GR-FL-P Series**

IP66 85-265VAC PF>0.93

| Order Model | Power Watt |
|-------------|------------|
| GR-FL-50WP  | 50W        |
| GR-FL-100WP | 100W       |
| GR-FL-150WP | 150W       |
| GR-FL-200WP | 200W       |
| GR-FL-300WP | 300W       |



**GR-FL-S Series**

IP66 85-265VAC PF>0.93

| Order Model | Power Watt |
|-------------|------------|
| GR-FL-30WS  | 30W        |
| GR-FL-50WS  | 50W        |
| GR-FL-100WS | 100W       |
| GR-FL-150WS | 150W       |
| GR-FL-200WS | 200W       |
| GR-FL-300WS | 300W       |



**GR-FL-A Series ( COB /SMD)**

IP66 85-265VAC PF>0.93

| Order Model | Power Watt |
|-------------|------------|
| GR-FL-30WA  | 30W        |
| GR-FL-50WA  | 50W        |
| GR-FL-100WA | 100W       |
| GR-FL-150WA | 150W       |
| GR-FL-200WA | 200W       |



**GR-FL-F Series (Philips Type)**

IP66 220-240VAC PF>0.93

| Order Model | Power Watt |
|-------------|------------|
| GR-FL-100WF | 100W       |
| GR-FL-200WF | 200W       |
| GR-FL-300WF | 300W       |



**GR-FL-N Series (COB/ SMD)**

IP66 85-265VAC PF>0.93

| Order Model | Power Watt |
|-------------|------------|
| GR-FL-50WN  | 50W        |
| GR-FL-100WN | 100W       |
| GR-FL-150WN | 150W       |
| GR-FL-200WN | 200W       |
| GR-FL-300WN | 300W       |
| GR-FL-400WN | 400W       |
| GR-FL-500WN | 500W       |



**GR-FL-D Series ( COB /SMD)**

IP66 85-265VAC PF>0.93

| Order Model  | Power Watt |
|--------------|------------|
| GR-FL-100WD  | 100W       |
| GR-FL-150WD  | 150W       |
| GR-FL-200WD  | 200W       |
| GR-FL-300WD  | 300W       |
| GR-FL-400WD  | 400W       |
| GR-FL-500WD  | 500W       |
| GR-FL-800WD  | 800W       |
| GR-FL-1000WD | 1000W      |

## GR-FL-SP Series

Solar Flood light



### Feature

- Top Solar Panel, high efficiency
- LiFepo4 Li-battery, very stable and long duration.
- Remote controller included, easy to do adjust the brightness and working time.
- Power display function. Easy to know the situation of power.

| Order Model  | Power Watt | LiFepo4 Battery | Solar Panel | IP Grade | Duration     |
|--------------|------------|-----------------|-------------|----------|--------------|
| GR-FL-50WSP  | 50W        | 3.2V 10AH       | 6V 12W      | IP65     | 2raining day |
| GR-FL-120WSP | 120W       | 3.2V15AH        | 6V 20W      | IP65     | 2raining day |
| GR-FL-150WSP | 150W       | 3.2V 20AH       | 6V 25W      | IP65     | 2raining day |
| GR-FL-200WSP | 200W       | 3.2V 25AH       | 6V 30W      | IP65     | 2raining day |

## GR-FL-SL Series

Solar Flood light



### Feature

- High quality Solar Panel, high efficiency
- LiFepo4 Li-battery, very stable and long duration.
- Remote controller included, easy to do adjust the brightness and working time.
- The glass cover and the battery are fixed with screws, which can be removed and replaced

| Order Model   | Power Watt | LiFepo4 Battery | Solar Panel | IP Grade | Duration     |
|---------------|------------|-----------------|-------------|----------|--------------|
| GR-FL-40WSL   | 40W        | 3.2V 5AH        | 6V 8W       | IP65     | 2raining day |
| GR-FL-60WSL   | 60W        | 3.2V 10AH       | 6V 12W      | IP65     | 2raining day |
| GR-FL-120WSL  | 120W       | 3.2V 15AH       | 6V 15W      | IP65     | 2raining day |
| GR-FL-200WSL  | 200W       | 3.2V 20AH       | 6V 25W      | IP65     | 2raining day |
| GR-FL-300WSL  | 300W       | 3.2V 25AH       | 6V 30W      | IP65     | 2raining day |
| GR-FL-400WSL  | 400W       | 3.2V 30AH       | 6V 35W      | IP65     | 2raining day |
| GR-FL-500WSL  | 500W       | 3.2V 40AH       | 6V 40W      | IP65     | 2raining day |
| GR-FL-1000WSL | 1000W      | 3.2V 50AH       | 6V 50W      | IP65     | 2raining day |

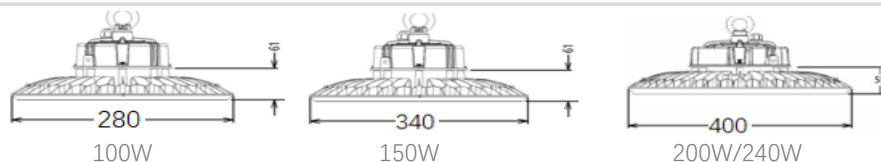
## GR-HB-A Series

Classic



### Feature

- Classic design-round
- Philips SMD LED Chips, 110-150lm/W output, 90/120° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 2/3/5/7Years warranty.



| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WA | 100W       | 133pcs      | >80 | >0.95 | IP65     |
| GR-HB-150WA | 150W       | 192pcs      | >80 | >0.95 | IP65     |
| GR-HB-200WA | 200W       | 280pcs      | >80 | >0.95 | IP65     |
| GR-HB-240WA | 240W       | 280pcs      | >80 | >0.95 | IP65     |

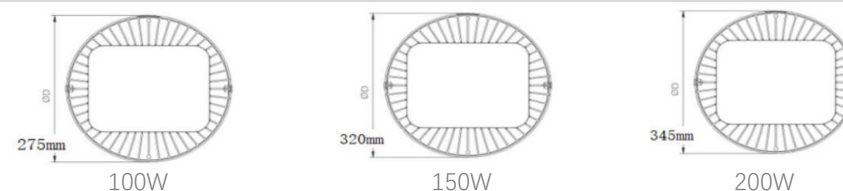
## GR-HB-B Series

Philips copy



### Feature

- Copy philips in outlook.
- Philips SMD LED Chips, 110-150lm/W output, 90° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 2/3/5/7Years warranty.



| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WB | 100W       | 140pcs      | >80 | >0.95 | IP65     |
| GR-HB-150WB | 150W       | 210pcs      | >80 | >0.95 | IP65     |
| GR-HB-200WB | 200W       | 280pcs      | >80 | >0.95 | IP65     |



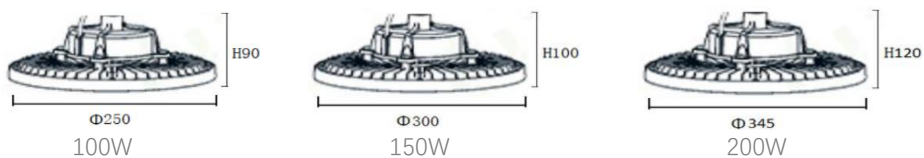
## GR-HB-E Series

Economy



### Feature

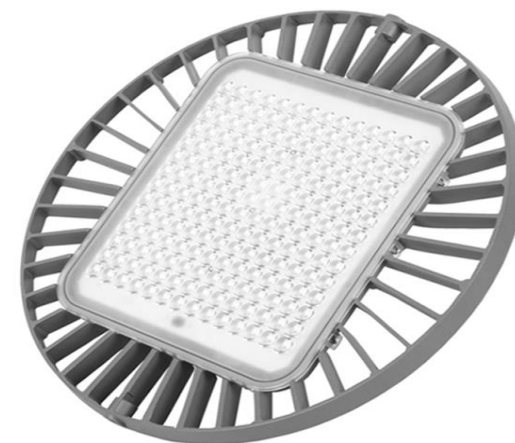
- Economy type
- Bridgelux SMD LED Chips, 100-120lm/W output, 90° beam angle.
- Isolated constant current led driver CE approval, high PF, 2/3 Years warranty



| Order Model | Power Watt | CRI   | Diameter   | PF    | IP Grade |
|-------------|------------|-------|------------|-------|----------|
| GR-HB-100WE | 100W       | CRI80 | $\Phi 250$ | >0.95 | IP65     |
| GR-HB-150WE | 150W       | CRI80 | $\Phi 300$ | >0.95 | IP65     |
| GR-HB-200WE | 200W       | CRI80 | $\Phi 345$ | >0.95 | IP65     |

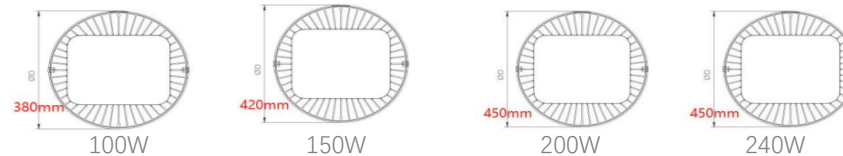
## GR-HB-F Series

Philips Type



### Feature

- PHILIPS Type, but cheaper price.
- Philips SMD LED Chips, 110-140lm/W output, 90° beam angle.
- Meanwell/DONE/PHILIPS/Isolated CE approval driver, 2/3/5/7 Years warranty.



| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WF | 100W       | 140pcs      | >80 | >0.95 | IP65     |
| GR-HB-150WF | 150W       | 196pcs      | >80 | >0.95 | IP65     |
| GR-HB-200WF | 200W       | 256pcs      | >80 | >0.95 | IP65     |
| GR-HB-240WF | 240W       | 256pcs      | >80 | >0.95 | IP65     |



## GR-HB-H Series

Fin High Bay Light



### Feature

- Fin radiator+ toughed glass cover.
- Bridgelux SMD LED Chips, 110-130lm/W output, 90° beam angle.
- Meanwell/Philips/Isolated constant current led driver CE approval, 2/3/5Years warranty,



100W



150W



200W

| Order Model | Power Watt | CRI   | Diameter | PF    | IP Grade |
|-------------|------------|-------|----------|-------|----------|
| GR-HB-100WH | 100W       | CRI80 | Ø360     | >0.95 | IP65     |
| GR-HB-150WH | 150W       | CRI80 | Ø360     | >0.95 | IP65     |
| GR-HB-200WH | 200W       | CRI80 | Ø360     | >0.95 | IP65     |

## GR-HB-L Series

Linear High Bay Lights



### Feature

- 50W/Module, Suspension/Surface mounted options. 90° beam angle.
- Philips Chips, 110-130lm/W+Meanwell/Philips/DONE Driver, 2/3/5/7Years warranty/



| Order Model | Power Watt | LED QTY PCS | Length mm | PF    | IP Grade |
|-------------|------------|-------------|-----------|-------|----------|
| GR-SL-50WL  | 50W        | 56pcs       | 353mm     | >0.95 | IP65     |
| GR-SL-100WL | 100W       | 112pcs      | 557mm     | >0.95 | IP65     |
| GR-SL-150WL | 150W       | 168pcs      | 823mm     | >0.95 | IP65     |
| GR-SL-200WL | 200W       | 224pcs      | 1089mm    | >0.95 | IP65     |
| GR-SL-250WL | 250W       | 280pcs      | 1355mm    | >0.95 | IP65     |
| GR-SL-300WL | 300W       | 336pcs      | 947mm     | >0.95 | IP65     |
| GR-SL-400WL | 400W       | 448pcs      | 1214mm    | >0.95 | IP65     |
| GR-SL-500WL | 500W       | 580pcs      | 1481mm    | >0.95 | IP65     |

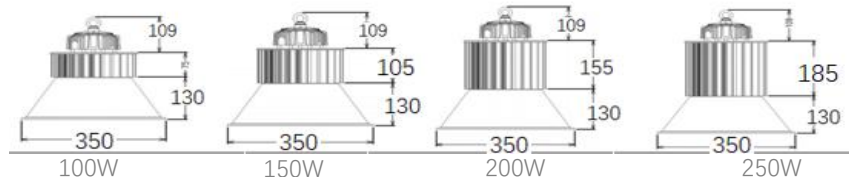
## GR-HB-M Series

Copper heat Channel



### Feature

- Three different driver installation.
- Philips SMD LED Chips, 110-120lm/W output, 60°/90°/120° beam angle.
- Meanwell/Philips/Isolated constant current led driver CE approval, 2/3/5Years warranty,



| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WM | 100W       | 105pcs      | >80 | >0.95 | IP65     |
| GR-HB-150WM | 150W       | 154pcs      | >80 | >0.95 | IP65     |
| GR-HB-200WM | 200W       | 203pcs      | >80 | >0.95 | IP65     |
| GR-HB-250WM | 250W       | 252pcs      | >80 | >0.95 | IP65     |

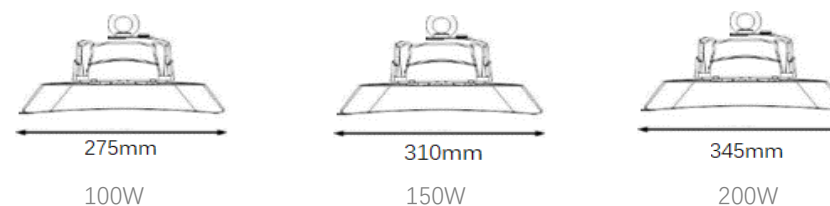
## GR-HB-S Series

Square High Bay Light



### Feature

- Square design, it can be as street light with a extra joint.
- Philips SMD LED Chips, 110-120lm/W output, 90° beam angle.
- Meanwell/Philips/Isolated constant current led driver CE approval, 2/3/5Years warranty,



| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WS | 100W       | 133pcs      | >80 | >0.95 | IP65     |
| GR-HB-150WS | 150W       | 210pcs      | >80 | >0.95 | IP65     |
| GR-HB-200WS | 200W       | 280pcs      | >80 | >0.95 | IP65     |

## GR-HB-T Series

High Power



### Feature

- High power up to 1500Watt.
- Philips SMD LED Chips, 110-120lm/W output, 60° beam angle.
- Meanwell/Philips/Isolated constant current led driver CE approval, 2/3/5Years warranty,



300W



400W/500W



700W



1000W/1500W

| Order Model  | Power Watt | Lumens lm | CRI | PF    | IP Grade |
|--------------|------------|-----------|-----|-------|----------|
| GR-HB-300WT  | 300W       | 36000lm   | >80 | >0.95 | IP65     |
| GR-HB-400WT  | 400W       | 46000lm   | >80 | >0.95 | IP65     |
| GR-HB-500WT  | 500W       | 60000lm   | >80 | >0.95 | IP65     |
| GR-HB-700WT  | 700W       | 80000lm   | >80 | >0.95 | IP65     |
| GR-HB-1000WT | 1000W      | 115000lm  | >80 | >0.95 | IP65     |
| GR-HB-1500WT | 1500W      | 165000lm  | >80 | >0.95 | IP65     |

## GR-HB-N Series

NEW ARRIVAL



### Feature

- Black/ White finished options.
- Philips SMD LED Chips, 110-140lm/W output, 90° beam angle.
- Meanwell/ DONE/ Isolated constant current led driver CE approval, 2/3/5Years warranty,



Φ250  
100W



Φ270  
150W

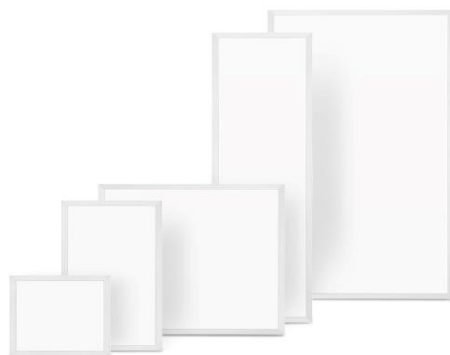


Φ300  
300W

| Order Model | Power Watt | LED QTY PCS | CRI | PF    | IP Grade |
|-------------|------------|-------------|-----|-------|----------|
| GR-HB-100WN | 100W       | 133pcs      | >80 | >0.95 | IP54     |
| GR-HB-150WN | 150W       | 168pcs      | >80 | >0.95 | IP54     |
| GR-HB-200WN | 200W       | 240pcs      | >80 | >0.95 | IP54     |

## GR-PL-D Series

Backlit type



### Feature

- Backlit type, without any yellow changing.
- Surface/ Suspension/ Clips/ Recessed installation options.
- Different size can be customized, such as 1200x200mm, 1200x1000mm, 900x300mm etc.
- Philips/Isolated driver CE approval, 2/3/5Years warranty. Epistar chips, 100-130lm/W output.



Suspension



Surface

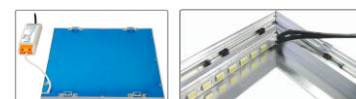


Emergency backup

| Order Model     | Power Watt | Dimension mm | CRI | PF    | IP Grade |
|-----------------|------------|--------------|-----|-------|----------|
| GR-PL3030-18WD  | 18W        | 295*295      | >80 | >0.9  | IP22     |
| GR-PL6030-24WD  | 24W        | 595*295      | >80 | >0.95 | IP22     |
| GR-PL6060-40WD  | 40W        | 595*595      | >80 | >0.95 | IP22     |
| GR-PL12015-24WD | 24W        | 1195*145     | >80 | >0.95 | IP22     |
| GR-PL12030-40WD | 40W        | 1195*295     | >80 | >0.95 | IP22     |
| GR-PL12060-50WD | 60W        | 1195*595     | >80 | >0.95 | IP22     |
| GR-PL12060-60WD | 60W        | 1195*595     | >80 | >0.95 | IP22     |

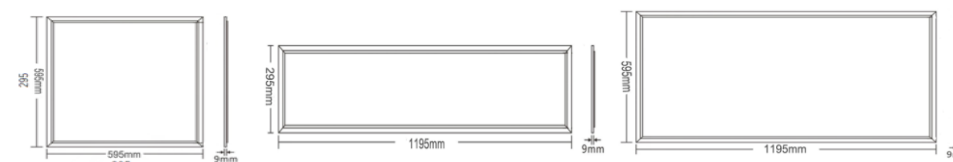
## GR-PL Series

Edge-lit Slim type



### Feature

- Edge-lit design, super slim. Anti-UV LGP, avoiding yellow changing
- Surface/ Suspension/ Clips/ Recessed installation options.
- Philips/Isolated driver CE approval, 2/3/5Years warranty. Epistar chips, 100-130lm/W output.



3030/6060

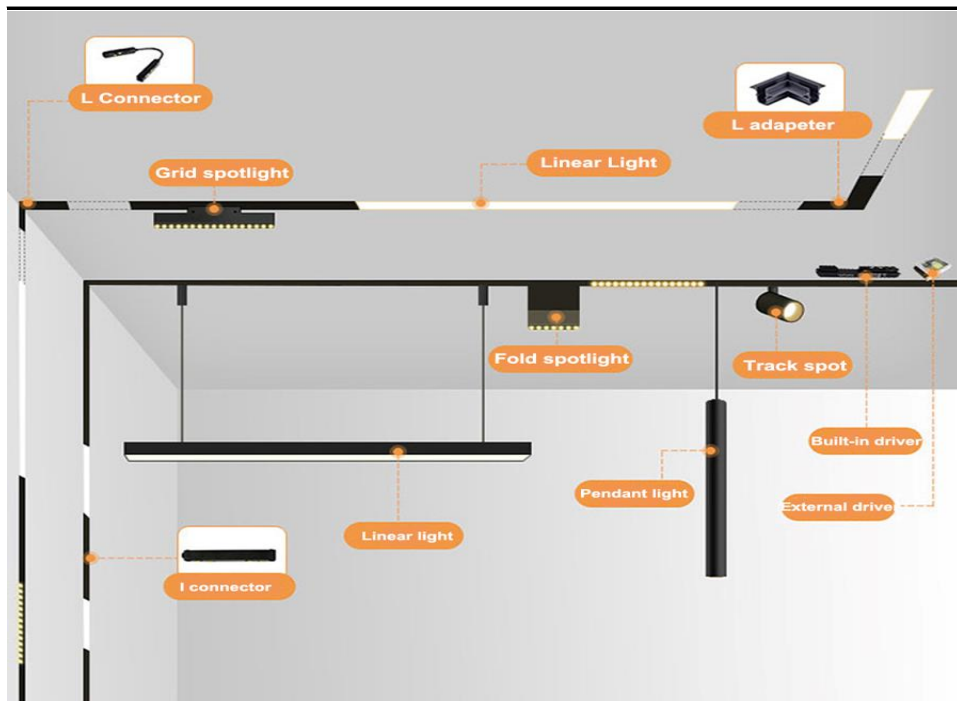
12030

12060

| Order Model    | Power Watt | Dimension mm | CRI | PF    | IP Grade |
|----------------|------------|--------------|-----|-------|----------|
| GR-PL3030-18W  | 18W        | 295*295      | >80 | >0.9  | IP22     |
| GR-PL6060-40W  | 40W        | 595*595      | >80 | >0.95 | IP22     |
| GR-PL12030-40W | 40W        | 1195*295     | >80 | >0.95 | IP22     |
| GR-PL12060-50W | 50W        | 1195*595     | >80 | >0.95 | IP22     |
| GR-PL12060-60W | 60W        | 1195*595     | >80 | >0.95 | IP22     |



## MAGNETIC TRACK LIGHTING SYSTEM



Magnetic track lighting is a new type of lighting with intelligent management system, it combines a variety of lighting fixtures that include floodlights, spotlights, wall washers. This system has an unique magnetic design, which makes the conductive strip on the track contact with the conductive strip on the lighting fixtures to supply power with firmly connection.

- **DC48V** Input / **AC220V** Input optional
  - 20MM/35MM Width Track optional
  - **DALI Dimmable/2.4G WIFI, Bluetooth, Zigbee 3CCT+Dim solution**
- Working with Google Home, Amazon Alexa smart speaker and TUYA APP.

### Magnetic Track Linear Spotlights

| Order Model  | Power Watt | Dimension mm |
|--------------|------------|--------------|
| GR-MLL-6WGS  | 6W         | L112*W22/35  |
| GR-MLL-12WGS | 12W        | L220*W22/35  |
| GR-MLL-18WGS | 18W        | L328*W22/35  |
| GR-MLL-24WGS | 24W        | L435*W22/35  |
| GR-MLL-30WGS | 30W        | L543*W22/35  |



### Magnetic Fold Spotlights

| Order Model  | Power Watt | Dimension mm |
|--------------|------------|--------------|
| GR-MLL-6WFS  | 6W         | L118*W22/35  |
| GR-MLL-12WFS | 12W        | L230*W22/35  |



### Magnetic linear profile light



| Order Model  | Power Watt | Dimension mm |
|--------------|------------|--------------|
| GR-MLL-10WML | 10W        | L300*W22/35  |
| GR-MLL-20WML | 20W        | L600*W22/35  |
| GR-MLL-30WML | 30W        | L900*W22/35  |

### Magnetic track spotlights



| Order Model  | Power Watt | Dimension mm |
|--------------|------------|--------------|
| GR-MLL-10WTL | 10W        | D50*100      |
| GR-MLL-20WTL | 20W        | D65*150      |
| GR-MLL-30WTL | 30W        | D80*160      |

### Magnetic Pendant Lights

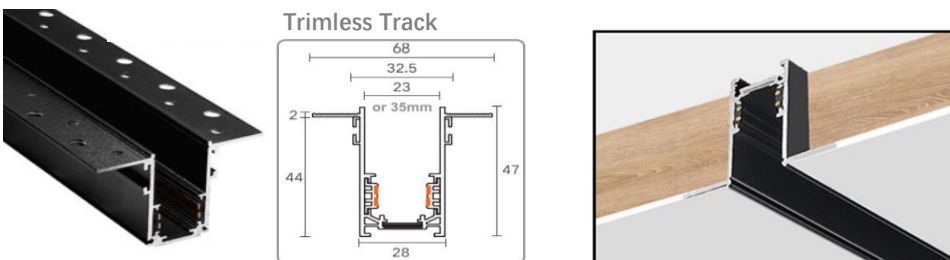
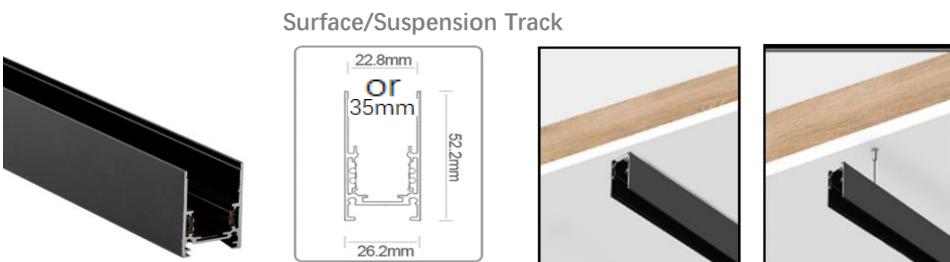
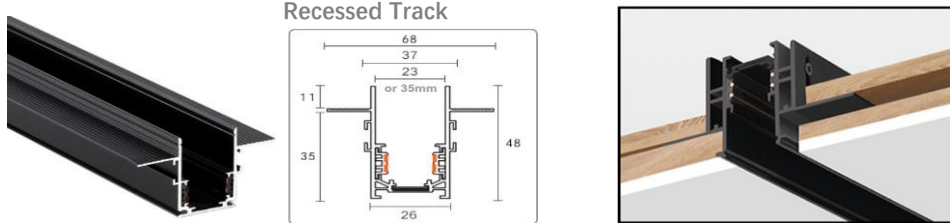
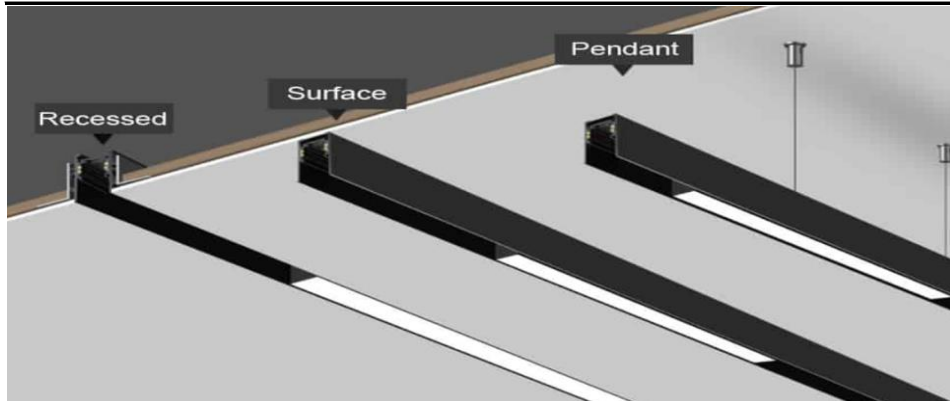
| Order Model | Power Watt | Dimension mm |
|-------------|------------|--------------|
| GR-MLL-30PL | 5W         | ∅30*H300mm   |





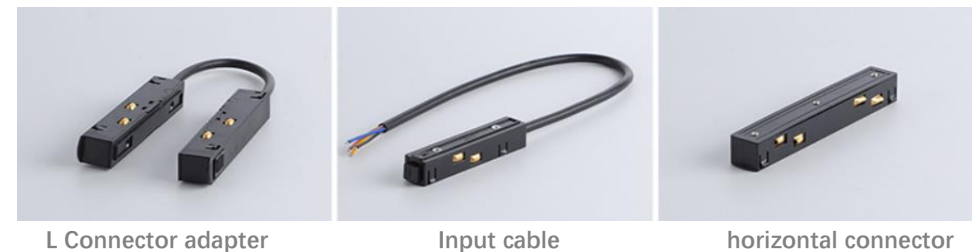
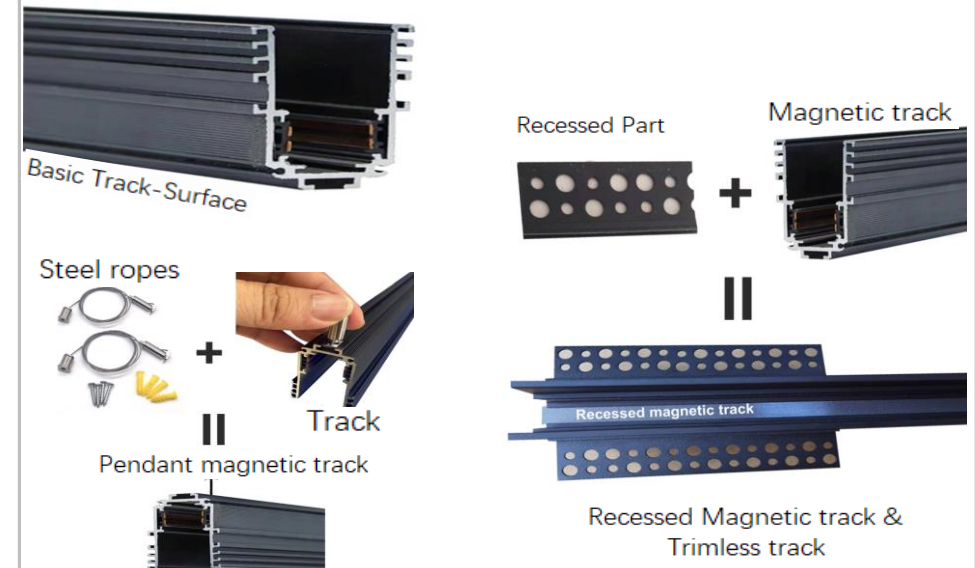


## MAGNETIC TRACK LIGHTING SYSTEM



### 4 in 1 Magnetic track

One track can be compatible with surface, recessed, trimless, pendant installation





N Series **Economy** Track Light



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-10WN  | 10W        | >90 | IP22     |
| GR-TL-20WN  | 20W        | >90 | IP22     |
| GR-TL-30WN  | 30W        | >90 | IP22     |

D Series **Adjustable Beam angle** 15°-60°



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-10WD  | 10W        | >90 | IP22     |
| GR-TL-20WD  | 20W        | >90 | IP22     |
| GR-TL-30WD  | 30W        | >90 | IP22     |

Q Series Track Light



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-9WQ   | 9W-10W     | >90 | IP22     |
| GR-TL-18WQ  | 18W-20W    | >90 | IP22     |
| GR-TL-25WQ  | 25W-27W    | >90 | IP22     |

B Series Commercial Track Light



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-10WB  | 10W        | >90 | IP22     |
| GR-TL-20WB  | 20W        | >90 | IP22     |
| GR-TL-30WB  | 30W        | >90 | IP22     |

H Series Modern Track Light



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-30WH  | 30W        | >90 | IP22     |
| GR-TL-35WH  | 35W        | >90 | IP22     |

E Series **High Power** Track Light



| Order Model | Power Watt | CRI | IP Grade |
|-------------|------------|-----|----------|
| GR-TL-35WE  | 35W        | >90 | IP22     |
| GR-TL-40WE  | 40W        | >90 | IP22     |
| GR-TL-45WE  | 50W        | >90 | IP22     |

## GR-DL-ZS Series

COB Smart downlight  
Dual colors



24°  
Feature

- Tuya Zigbee smart solution, working with TUYA APP (Phone control)
- Working with smart speaker like Google Home, Amazon Alexa etc.
- Multicolor, color changing from 3000K to 6500K.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-5WZS  | 5W         | Φ63×H70      | Ø55        | >90 | IP22     |
| GR-DL-7WZS  | 7W         | Ø85×H70      | Ø75        | >90 | IP22     |
| GR-DL-10WZS | 10W        | Ø85×H70      | Ø75        | >90 | IP22     |
| GR-DL-15WZS | 15W        | Ø110×H85     | Ø95        | >90 | IP22     |

## GR-DL-ZN Series

SMD Smart downlight



100°  
Feature

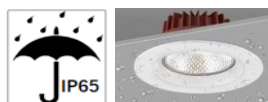
- Tuya Zigbee smart solution, working with TUYA APP (Phone control)
- Working with smart speaker like Google Home, Amazon Alexa etc.
- Multicolor, color changing from 3000K to 6500K.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-7WZN  | 7W         | Φ85×50       | Ø75        | >90 | IP22     |
| GR-DL-9WZN  | 9W         | Φ105×50      | Ø95        | >90 | IP22     |
| GR-DL-15WZN | 15W        | Φ130×65      | Ø115       | >90 | IP22     |
| GR-DL-18WZN | 18W        | Φ170×74      | Ø170       | >90 | IP22     |

### GR-DL-K03 Series

IP65 Waterproof COB



| Order Model  | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|--------------|------------|--------------|------------|-----|----------|
| GR-DL-7WK03  | 7W         | Ø95*H45      | Ø75        | >90 | IP65     |
| GR-DL-12WK03 | 12W        | Ø115*H50     | Ø95        | >90 | IP65     |
| GR-DL-15WK03 | 15W        | Ø140*H55     | Ø120       | >90 | IP65     |
| GR-DL-20WK03 | 20W        | Ø165*H55     | Ø145       | >90 | IP65     |
| GR-DL-30WK03 | 30W        | Ø195*H55     | Ø175       | >90 | IP65     |
| GR-DL-40WK03 | 40W        | Ø230*H63     | Ø205       | >90 | IP65     |

### GR-DL-K Series

IP54 Waterproof



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-7WK   | 7W         | Ø94          | Ø75        | >80 | IP54     |
| GR-DL-12WK  | 12W        | Ø114         | Ø110       | >80 | IP54     |
| GR-DL-18WK  | 18-20W     | Ø140         | Ø120       | >80 | IP54     |
| GR-DL-30WK  | 30W        | Ø184         | Ø160       | >80 | IP54     |

### GR-DL-K02 Series

IP65 Waterproof Spotlight



| Order Model  | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|--------------|------------|--------------|------------|-----|----------|
| GR-DL-7WK02  | 7W         | Ø72xH78      | Ø60        | >90 | IP65     |
| GR-DL-9WK02  | 9W         | Ø72xH78      | Ø60        | >90 | IP65     |
| GR-DL-12WK02 | 12W        | Ø92xH91      | Ø75        | >90 | IP65     |
| GR-DL-15WK02 | 15W        | Ø92xH91      | Ø75        | >90 | IP65     |

### GR-DL-X Series

High Level-Hotel downlight



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-10WX  | 10W        | Ø90xH115     | Ø75        | >90 | IP22     |
| GR-DL-15WX  | 15W        | Ø110xH115    | Ø95        | >90 | IP22     |
| GR-DL-20WX  | 20W        | Ø110xH115    | Ø95        | >90 | IP22     |
| GR-DL-30WX  | 30W        | Ø140xH160    | Ø124       | >90 | IP22     |
| GR-DL-40WX  | 40-50W     | Ø160xH160    | Ø145       | >90 | IP22     |

## GR-DL-A Series

Deep downlight



100°

### Feature

- Deep design, Anti-glare UGR<19
- Osram/Philips/Epistar SMD LED Chips, 100lm/W, 100° beam angle.
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 2/3/5Years warranty.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-7WA   | 7W         | Ø100*H70     | Ø85        | >80 | IP22     |
| GR-DL-9WA   | 9W         | Ø120*H75     | Ø100       | >80 | IP22     |
| GR-DL-12WA  | 12W        | Ø145*H80     | Ø125       | >80 | IP22     |
| GR-DL-15WA  | 15W        | Ø145*H80     | Ø125       | >80 | IP22     |
| GR-DL-18WA  | 18W        | Ø170*H85     | Ø150       | >80 | IP22     |
| GR-DL-24WA  | 24W        | Ø190*H85     | Ø170       | >80 | IP22     |
| GR-DL-30WA  | 30W        | Ø230*H90     | Ø205       | >80 | IP22     |
| GR-DL-36WA  | 36W        | Ø230*H90     | Ø205       | >80 | IP22     |

## GR-DL-B Series

Anti-glare downlight

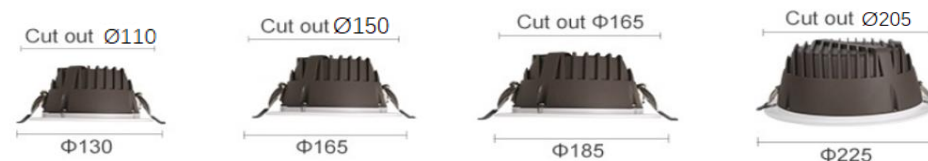


60°



### Feature

- Deep design, Anti-glare UGR<17
- Osram/Philips/Epistar SMD LED Chips, 100lm/W, 60° beam angle.
- Philips/Osram/DONE/Isolated led driver CE approval, 2/3/5Years warranty.
- Triac/0-10V/DALI dimmable, Emergency kits, Zigbee Smart control can be as options.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-12WB  | 12W        | Ø130*H60     | Ø110       | >80 | IP22     |
| GR-DL-15WB  | 15W        | Ø165*H65     | Ø150       | >80 | IP22     |
| GR-DL-18WB  | 18W        | Ø185*H80     | Ø165       | >80 | IP22     |
| GR-DL-24WB  | 24W        | Ø225*H90     | Ø205       | >80 | IP22     |
| GR-DL-30WB  | 30W        | Ø225*H90     | Ø205       | >80 | IP22     |



## GR-DL-D Series

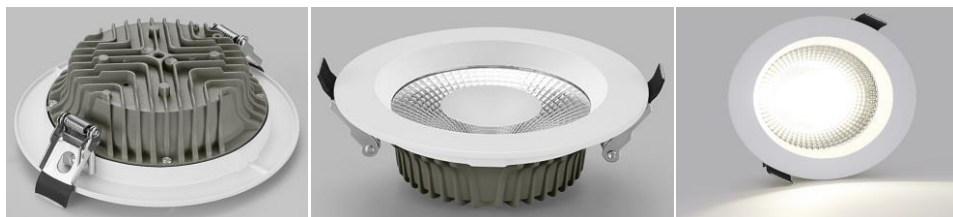
Economy 2.5-9INCH



120°

### Feature

- Triac/0-10V/DALI/ Emergency backup options.
- CREE/CITIZEN/Bridgelux COBChips, CRI90, 100lm/W.
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 2/3/5Years warranty.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-5WD   | 5W         | Ø100*H43     | Ø75        | >90 | IP22     |
| GR-DL-7WD   | 7W         | Ø106*H46     | Ø90        | >90 | IP22     |
| GR-DL-9WD   | 9W         | Ø106*H46     | Ø90        | >90 | IP22     |
| GR-DL-12WD  | 12W        | Ø115*H46     | Ø95        | >90 | IP22     |
| GR-DL-15WD  | 15W        | Ø140*H55     | Ø120       | >90 | IP22     |
| GR-DL-18WD  | 18W        | Ø180*H60     | Ø160       | >90 | IP22     |
| GR-DL-24WD  | 24W        | Ø190*H60     | Ø170       | >90 | IP22     |
| GR-DL-30WD  | 30W        | Ø220*H62     | Ø205       | >90 | IP22     |
| GR-DL-30WD  | 30W        | Ø250*H62     | Ø230-240   | >90 | IP22     |

## GR-DL-N Series

4inch- 10inch



120°

### Feature

- Die-cast aluminum, good quality.
- CREE/CITIZEN/Bridgelux COBChips, CRI90, 100lm/W. SDCM<5
- Philips/Osram/DONE, 2/3/5Years warranty. Triac/0-10V/DALI/ Emergency backup options.



4inch/5inch/6inch/8inch



9inch/10inch

| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | Inch   |
|-------------|------------|--------------|------------|-----|--------|
| GR-DL-15WN  | 15W        | Ø145*H62     | Ø125       | >90 | 4inch  |
| GR-DL-20WN  | 20W        | Ø160*H62     | Ø145       | >90 | 5inch  |
| GR-DL-30WN  | 30W        | Ø190*H62     | Ø175       | >90 | 6inch  |
| GR-DL-40WN  | 40W        | Ø230*H75     | Ø205       | >90 | 8inch  |
| GR-DL-50WN  | 50W        | Ø230*H105    | Ø205       | >90 | 8inch  |
| GR-DL-40WN  | 40W        | Ø250*H75     | Ø220-235   | >90 | 9inch  |
| GR-DL-40WN  | 40W        | Ø300*H110    | Ø240-280   | >90 | 10inch |

## GR-DL-F Series

Commercial grade(4'-10')

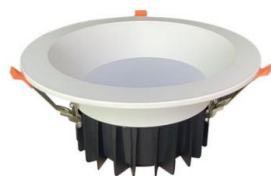


### 120° Feature

- Including 4inch,5inch,6inch,8inch,9inch,10inch.
- Osram/Philips/Bridgelux SMD Chips, CRI80,100lm/W.
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 3/5Years warranty.



4inch/5inch/6inch/8inch/9inch



10inch

| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | Inch   |
|-------------|------------|--------------|------------|-----|--------|
| GR-DL-15WF  | 15W        | Ø145*H62     | Ø125       | >80 | 4inch  |
| GR-DL-20WF  | 20W        | Ø160*H62     | Ø140       | >80 | 5inch  |
| GR-DL-30WF  | 30W        | Ø190*H62     | Ø170       | >80 | 6inch  |
| GR-DL-40WF  | 40W        | Ø230*H75     | Ø205       | >80 | 8inch  |
| GR-DL-40WF  | 40W        | Ø250*H75     | Ø205-235   | >80 | 9inch  |
| GR-DL-40WF  | 40W        | Ø300*H110    | Ø230-280   | >80 | 10inch |

## GR-DL-E Series

Classic SMD Downlight



### 120° Feature

- Triac/0-10V/DALI/ Emergency backup options.
- Osram/Philips/Bridgelux SMD Chips, CRI80,100lm/W.
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 2/3/5Years warranty.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-7WE   | 7W         | Ø106*H46     | Ø90        | >80 | IP22     |
| GR-DL-9WE   | 9W         | Ø115*H46     | Ø95        | >80 | IP22     |
| GR-DL-12WE  | 12W        | Ø140*H55     | Ø120       | >80 | IP22     |
| GR-DL-15WE  | 15W        | Ø180*H60     | Ø160       | >80 | IP22     |
| GR-DL-18WE  | 18W        | Ø190*H60     | Ø170       | >80 | IP22     |
| GR-DL-24WE  | 24W        | Ø230*H70     | Ø205       | >80 | IP22     |
| GR-DL-30WE  | 30W        | Ø230*H70     | Ø205       | >80 | IP22     |

## GR-DL-J Series

Curve frame downlight



### Feature

- Triac/0-10V/DALI/ Emergency backup options.
- CREE/CITIZEN/Bridgelux COBChips, CRI90,100lm/W. SDCM<5
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 2/3/5Years warranty.



## GR-DL-M Series

Anti glare COB Downlight



### Feature

- Deep reflector, Anti glare.
- CREE/CITIZEN/Bridgelux COBChips, CRI90,100lm/W. SDCM<5
- Philips/Osram/DONE/Isolated constant current led driver CE approval, 2/3/5Years warranty.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-9WJ   | 9W         | Ø90*H50      | Ø75        | >90 | IP22     |
| GR-DL-12WJ  | 12W        | Ø120*H50     | Ø105       | >90 | IP22     |
| GR-DL-18WJ  | 18W-20W    | Ø148*H85     | Ø125       | >90 | IP22     |
| GR-DL-30WJ  | 25W-30W    | Ø200*H105    | Ø185       | >90 | IP22     |
| GR-DL-40WJ  | 30W-40W    | Ø230*H110    | Ø205       | >90 | IP22     |



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-10WM  | 10W        | Ø110*H75     | Ø95        | >90 | IP22     |
| GR-DL-15WM  | 15W        | Ø130*H96     | Ø115       | >90 | IP22     |
| GR-DL-20WM  | 20W        | Ø158*H106    | Ø140       | >90 | IP22     |
| GR-DL-30WM  | 25W-30W    | Ø182*H118    | Ø160       | >90 | IP22     |
| GR-DL-40WM  | 30W-40W    | Ø230*H130    | Ø205       | >90 | IP22     |

## GR-DL-R Series

Anti glare commercial



### Feature

- Deep design, Anti glare, low glare.
- CREE/CITIZEN/Bridgelux COBChips, CRI90, 100lm/W. SDCM<5
- Philips/Osram/DONE, 2/3/5Years warranty. Triac/0-10V/DALI/ Emergency backup options.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-7WR   | 7-9W       | Ø100*H75     | Ø75        | >90 | IP22     |
| GR-DL-12WR  | 12W        | Ø120*H75     | Ø95        | >90 | IP22     |
| GR-DL-15WR  | 15W        | Ø145*H80     | Ø120       | >90 | IP22     |
| GR-DL-20WR  | 20W        | Ø170*H80     | Ø155       | >90 | IP22     |
| GR-DL-24WR  | 20-24W     | Ø190*H85     | Ø175       | >90 | IP22     |
| GR-DL-35WR  | 30-35W     | Ø230*H95     | Ø205       | >90 | IP22     |

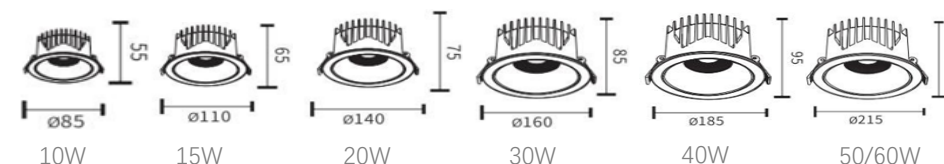
## GR-DL-S Series

Top grade/COB



### Feature

- Deep reflector, different color options.
- CREE/CITIZEN/Bridgelux COBChips, CRI90, 100lm/W. SDCM<5
- Philips/Osram/DONE, 2/3/5Years warranty. Triac/0-10V/DALI/ Emergency backup options.



| Order Model | Power Watt | Dimension mm | Cut out mm | CRI | IP Grade |
|-------------|------------|--------------|------------|-----|----------|
| GR-DL-10WS  | 10W        | Ø85*H55      | Ø75        | >90 | IP22     |
| GR-DL-15WS  | 15W        | Ø110*H65     | Ø95        | >90 | IP22     |
| GR-DL-20WS  | 20W        | Ø140*H75     | Ø120       | >90 | IP22     |
| GR-DL-30WS  | 30W        | Ø160*H85     | Ø145       | >90 | IP22     |
| GR-DL-40WS  | 40W        | Ø185*H95     | Ø170       | >90 | IP22     |
| GR-DL-50WS  | 50W        | Ø215*H110    | Ø195       | >90 | IP22     |
| GR-DL-60WS  | 60W        | Ø215*H110    | Ø195       | >90 | IP22     |



#### Mini LED Downlight

| Model      | Power | Size(mm) | Outcut | CRI |
|------------|-------|----------|--------|-----|
| GR-DL-1WMI | 1W    | Ø42*H25  | Ø38    | >90 |
| GR-DL-3WMI | 3W    | Ø48*H25  | Ø40    | >90 |



#### Fold Surface cylinder downlight

| Model      | Power  | Size(mm) | IP Grade | CRI |
|------------|--------|----------|----------|-----|
| GR-DL-10WI | 10W    | φ70*100  | IP22     | >90 |
| GR-DL-15WI | 15W    | φ90*110  | IP22     | >90 |
| GR-DL-25WI | 20-25W | φ110*115 | IP22     | >90 |
| GR-DL-30WI | 30W    | φ110*130 | IP22     | >90 |



#### New LED Downlight

| Model        | Power  | Size(mm) | Outcut   | IP Grade |
|--------------|--------|----------|----------|----------|
| GR-DL-7WB-2  | 7-9W   | Ø94      | Ø75-80   | IP22     |
| GR-DL-12WB-2 | 12W    | Ø114     | Ø95-100  | IP22     |
| GR-DL-15WB-2 | 15W    | Ø138     | Ø115-120 | IP22     |
| GR-DL-18WB-2 | 18-20W | Ø170     | Ø155-160 | IP22     |
| GR-DL-24WB-2 | 24W    | Ø170     | Ø155-160 | IP22     |



#### IP44 Recessed COB Downlight

| Model      | Power  | Size(mm) | Cut Out(mm) | IP Grade |
|------------|--------|----------|-------------|----------|
| GR-DL-12WH | 12W    | Ø110*72  | φ90-95      | IP44     |
| GR-DL-20WH | 18-20W | Ø140*82  | φ120-125    | IP44     |
| GR-DL-24WH | 24W    | Ø160*92  | φ140-145    | IP44     |
| GR-DL-30WH | 30W    | Ø180*102 | φ140-145    | IP44     |
| GR-DL-40WH | 40W    | Ø210*112 | φ195-200    | IP44     |



#### Deep downlight

| Model      | Power | Size(mm)  | Outcut   | IP Grade |
|------------|-------|-----------|----------|----------|
| GR-DL-7WP  | 7W    | ø79×H36   | ø70      | IP22     |
| GR-DL-9WP  | 9W    | ø93×H45   | ø75-80   | IP22     |
| GR-DL-12WP | 12W   | ø112×H52  | ø95      | IP22     |
| GR-DL-15WP | 15W   | ø135×H60  | ø115-120 | IP22     |
| GR-DL-18WP | 18W   | ø162×H72  | ø145-150 | IP22     |
| GR-DL-24WP | 24W   | ø192×H83  | ø175-180 | IP22     |
| GR-DL-30WP | 30W   | ø225×H100 | ø195-210 | IP22     |



#### Economy SMD LED Downlight

| Model      | Power | Size(mm) | Cut Out(mm) | IP Grade |
|------------|-------|----------|-------------|----------|
| GR-DL-5WZ  | 5W    | Ø95×H43  | Ø75         | IP22     |
| GR-DL-7WZ  | 7W    | Ø115×H43 | Ø95         | IP22     |
| GR-DL-9WZ  | 9W    | Ø115×H43 | Ø95         | IP22     |
| GR-DL-12WZ | 12W   | Ø145×H45 | Ø125        | IP22     |
| GR-DL-15WZ | 15W   | Ø165×H55 | Ø150        | IP22     |
| GR-DL-18WZ | 18W   | Ø190×H55 | Ø170        | IP22     |
| GR-DL-24WZ | 24W   | Ø220×H62 | Ø200        | IP22     |
| GR-DL-30WZ | 30W   | Ø220×H62 | Ø200        | IP22     |
| GR-DL-30WZ | 30W   | Ø250×H62 | Ø220-230    | IP22     |





#### Adjustable spotlight



| Model      | Power | Size(mm)  | Outcut | CRI |
|------------|-------|-----------|--------|-----|
| GR-DL-7WC  | 7W    | Ø90*H60   | Ø75    | >90 |
| GR-DL-10WC | 10W   | Ø108*H70  | Ø95    | >90 |
| GR-DL-15WC | 15W   | Ø108*H82  | Ø95    | >90 |
| GR-DL-20WC | 20W   | Ø138*H82  | Ø125   | >90 |
| GR-DL-30WC | 30W   | Ø160*H125 | Ø145   | >90 |
| GR-DL-40WC | 40W   | Ø160*H145 | Ø145   | >90 |

#### Adjustable Anti glare spotlight



| Model      | Power | Size(mm) | Outcut | CRI |
|------------|-------|----------|--------|-----|
| GR-DL-5WL  | 5W    | Ø63*H65  | Ø55    | >90 |
| GR-DL-7WL  | 7W    | Ø85*H71  | Ø75    | >90 |
| GR-DL-10WL | 10W   | Ø85*H71  | Ø75    | >90 |
| GR-DL-15WL | 15W   | Ø108*H71 | Ø95    | >90 |
| GR-DL-25WL | 25W   | Ø138*H75 | Ø125   | >90 |
| GR-DL-30WL | 30W   | Ø138*H85 | Ø125   | >90 |

#### Adjustable Square spotlight



| Model      | Power | Size(mm)  | Outcut  | CRI |
|------------|-------|-----------|---------|-----|
| GR-DL-5WV  | 5W    | W68*H70   | W55*L55 | >90 |
| GR-DL-7WV  | 7W    | W90*H90   | W75*L75 | >90 |
| GR-DL-10WV | 10W   | W90*H90   | W75*L75 | >90 |
| GR-DL-15WV | 15W   | W107*H107 | W95*L95 | >90 |

#### Adjustable Trimless downlight



| Model      | Power | Size(mm)  | Outcut | CRI |
|------------|-------|-----------|--------|-----|
| GR-DL-5WY  | 5W    | Ø110*H77  | Ø65    | >90 |
| GR-DL-7WY  | 7W    | Ø147*H82  | Ø85    | >90 |
| GR-DL-10WY | 10W   | Ø147*H82  | Ø85    | >90 |
| GR-DL-15WY | 15W   | Ø175*H107 | Ø105   | >90 |

#### Put out Gimbal Downlight



| Model      | Power | Size(mm)  | Outcut | CRI |
|------------|-------|-----------|--------|-----|
| GR-DL-7WG  | 7W    | Ø90*H100  | Ø75    | >90 |
| GR-DL-12WG | 12W   | Ø110*H135 | Ø95    | >90 |
| GR-DL-18WG | 18W   | Ø130*H135 | Ø120   | >90 |
| GR-DL-30WG | 30W   | Ø165*H170 | Ø145   | >90 |

#### Adjustable Deep spotlight



| Model      | Power | Size(mm)  | Outcut | IP Grade |
|------------|-------|-----------|--------|----------|
| GR-DL-5WQ  | 5W    | Ø65*H60   | Ø55    | IP22     |
| GR-DL-7WQ  | 7W    | Ø85*H75   | Ø75    | IP22     |
| GR-DL-10WQ | 10W   | Ø85*H75   | Ø75    | IP22     |
| GR-DL-15WQ | 15W   | Ø105*H103 | Ø105   | IP22     |
| GR-DL-18WQ | 18W   | Ø105*H103 | Ø105   | IP22     |



## Grid downlight fixture



### Grid downlight( One/Double/Triple)

| Model         | Power | Cutout(mm) | CRI | Model         | Power | Cutout(mm) | CRI |
|---------------|-------|------------|-----|---------------|-------|------------|-----|
| GR-DLG-10WE*1 | 10W   | L105*W105  | >90 | GR-DLG-15WE*3 | 15W*3 | L355*W125  | >90 |
| GR-DLG-10WE*2 | 10W*2 | L205*W105  | >90 | GR-DLG-20WE*1 | 20W   | L160*W160  | >90 |
| GR-DLG-10WE*3 | 10W*3 | L305*W105  | >90 | GR-DLG-20WE*2 | 20W*2 | L310*W160  | >90 |
| GR-DLG-15WE*1 | 15W   | L125*W125  | >90 | GR-DLG-20WE*3 | 20W*3 | L460*W160  | >90 |
| GR-DLG-15WE*2 | 15W*2 | L245*W125  | >90 |               |       |            |     |



### Pull out downlight( One/Double)

| Model         | Power | Cutout(mm) | CRI |
|---------------|-------|------------|-----|
| GR-DLG-7WF*1  | 7W    | φ75        | >90 |
| GR-DLG-7WF*2  | 7W*2  | L155*W75   | >90 |
| GR-DLG-15WF*1 | 15W   | φ95        | >90 |
| GR-DLG-15WF*2 | 15W*2 | L190*W95   | >90 |
| GR-DLG-20WF*1 | 20W   | φ115       | >90 |
| GR-DLG-20WF*2 | 20W*2 | L230*W120  | >90 |



### Grille downlight( One/Double)

| Model         | Power | Cutout(mm) | CRI |
|---------------|-------|------------|-----|
| GR-DLG-9WP*1  | 9W    | L75*W75    | >90 |
| GR-DLG-9WP*2  | 9W*2  | L155*W75   | >90 |
| GR-DLG-15WP*1 | 15W   | L95*W95    | >90 |
| GR-DLG-15WP*2 | 15W*2 | L195*W95   | >90 |
| GR-DLG-25WP*1 | 25W   | L125*W125  | >90 |
| GR-DLG-25WP*2 | 25W*2 | L230*W125  | >90 |



### Pull out downlight

| Model         | Power | Cutout(mm) | CRI |
|---------------|-------|------------|-----|
| GR-DLG-10WH*1 | 10W   | L75*W75    | >90 |
| GR-DLG-10WH*2 | 10W*2 | L155*W75   | >90 |
| GR-DLG-10WH*3 | 10W*3 | L225*W75   | >90 |
| GR-DLG-10WH*4 | 10W*4 | L155*W155  | >90 |



### Deep grid downlight

| Model        | Power | Cutout(mm) | CRI |
|--------------|-------|------------|-----|
| GR-DLG-9WA*1 | 9W    | L75*W75    | >90 |
| GR-DLG-9WA*2 | 9W*2  | L162*W75   | >90 |
| GR-DLG-9WA*3 | 9W*3  | L245*W75   | >90 |
| GR-DLG-9WA*4 | 9W*4  | L162*W162  | >90 |

### GR-DL-SH Series

Surface Grid downlight



| Order Model   | Power Watt | Dimension mm | Lifetime  | CRI | IP Grade |
|---------------|------------|--------------|-----------|-----|----------|
| GR-DL-10WSH   | 10W        | L105*W105    | >50000Hrs | >90 | IP22     |
| GR-DL-10WSH*2 | 20W        | L205*W105    | >50000Hrs | >90 | IP22     |
| GR-DL-10WSH*4 | 40W        | L225*W225    | >50000Hrs | >90 | IP22     |
| GR-DL-15WSH   | 15W        | L105*W105    | >50000Hrs | >90 | IP22     |
| GR-DL-15WSH*2 | 30W        | L205*W105    | >50000Hrs | >90 | IP22     |
| GR-DL-15WSH*4 | 60W        | L225*W225    | >50000Hrs | >90 | IP22     |

### GR-DL-SM Series

Single/Double Surface grid



| Order Model   | Power Watt | Dimension mm | Lifetime  | CRI | IP Grade |
|---------------|------------|--------------|-----------|-----|----------|
| GR-DL-10WSM   | 10W        | L100*W100    | >50000Hrs | >90 | IP22     |
| GR-DL-10WSM*2 | 20W        | W100*L200    | >50000Hrs | >90 | IP22     |
| GR-DL-15WSM   | 15W        | L115*L115    | >50000Hrs | >90 | IP22     |
| GR-DL-15WSM*2 | 30W        | W115*L230    | >50000Hrs | >90 | IP22     |
| GR-DL-20WSM   | 20W        | L115*L115    | >50000Hrs | >90 | IP22     |
| GR-DL-20WSM*2 | 40W        | W115*L230    | >50000Hrs | >90 | IP22     |

### GR-DL-GU Series

GU10 Base downlight



| Order Model | Power Watt | Diameter mm | Cutout mm | CRI | Base |
|-------------|------------|-------------|-----------|-----|------|
| GR-DL-GU10  | 5W         | Ø82         | Ø72       | >90 | GU10 |

### GR-DL-CL Series

Recessed long cylinder light



| Order Model   | Power Watt | Dimension mm | Cutout | CRI | IP Grade |
|---------------|------------|--------------|--------|-----|----------|
| GR-DL-5WCL100 | 5W         | Ø67*L100     | Ø60    | >90 | IP22     |
| GR-DL-5WCL200 | 5W         | Ø67*L200     | Ø60    | >90 | IP22     |
| GR-DL-5WCL300 | 5W         | Ø67*L300     | Ø60    | >90 | IP22     |

## GR-FM-A Series

Surface mounted



### Feature

- Surface mounted/Suspension available.
- Aluminum body, white/Black finished. Different color for reflectors options.
- CREE/CITIZEN/Bridgelux COBChips, 100lm/W. SDCM<5. Top quality driver, 50000Hrs lifetime



7W



12W



15W



20W

| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-FM-7WA   | 7W         | Ø55*H110     | >0.6 | >90 | IP22     |
| GR-FM-12WA  | 12W        | Ø75*H130     | >0.6 | >90 | IP22     |
| GR-FM-15WA  | 15W        | Ø95*H140     | >0.6 | >90 | IP22     |
| GR-FM-20WA  | 20W        | Ø115*H140    | >0.9 | >90 | IP22     |

## GR-FM-B Series

Classic Surface cylinder



### Feature

- Surface mounted/Suspension available.
- Metal body+ Aluminum heat sink, white/black finished.
- CREE/CITIZEN/Bridgelux COBChips, CRI90, 100lm/W. SDCM<5
- Philips/Osram/DONE, 2/3/5Years warranty. Triac/0-10V/DALI/ Emergency backup options.

| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-FM-10WB  | 10W        | Ø108*H128    | >0.6 | >90 | IP22     |
| GR-FM-15WB  | 15W        | Ø140*H155    | >0.6 | >90 | IP22     |
| GR-FM-20WB  | 20W        | Ø170*H178    | >0.9 | >90 | IP22     |
| GR-FM-30WB  | 30W        | Ø190*H190    | >0.9 | >90 | IP22     |
| GR-FM-40WB  | 40W        | Ø220*H225    | >0.9 | >90 | IP22     |
| GR-FM-50WB  | 50W        | Ø230*H250    | >0.9 | >90 | IP22     |
| GR-FM-60WB  | 60W        | Ø230*H250    | >0.9 | >90 | IP22     |
| GR-FM-70WB  | 70W        | Ø230*H250    | >0.9 | >90 | IP22     |

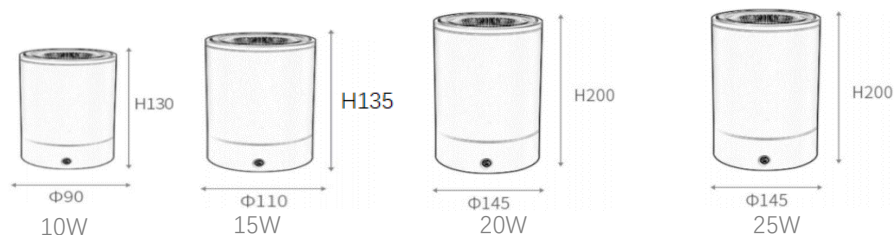
## GR-FM-F Series

IP65 Waterproof



### Feature

- Waterproof rubber to be IP65 protection.
- Aluminum body, white/Black finished. With surface parts.
- CREE/CITIZEN/Bridgelux COBChips, 100lm/W. SDCM<5. Top quality driver, 50000Hrs lifetime



| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-FM-10WF  | 10W        | Ø90*H130     | >0.6 | >90 | IP65     |
| GR-FM-15WF  | 15W        | Ø110*H135    | >0.6 | >90 | IP65     |
| GR-FM-20WF  | 20W        | Ø145*H200    | >0.9 | >90 | IP65     |
| GR-FM-25WF  | 25W        | Ø145*H200    | >0.9 | >90 | IP65     |

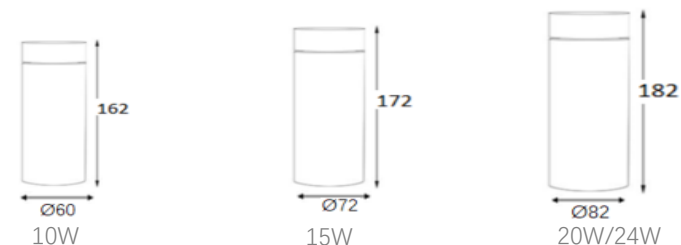
## GR-DL-Z01 Series

Fold surface cylinder



### Feature

- Fold surface design, can be as spotlight.
- Aluminum body, white/Black finished. With surface parts.
- CREE/CITIZEN/Bridgelux COBChips, 100lm/W. SDCM<5. Top quality driver, 50000Hrs lifetime



| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-FM-10WF  | 10W        | Ø108*H128    | >0.6 | >90 | IP22     |
| GR-FM-15WF  | 15W        | Ø140*H155    | >0.6 | >90 | IP22     |
| GR-FM-20WF  | 20W        | Ø170*H178    | >0.9 | >90 | IP22     |
| GR-FM-24WF  | 24W        | Ø190*H190    | >0.9 | >90 | IP22     |



## GR-CD-E Series

Slim & IP65 Waterproof



### Feature

- Slim design, only 60mm height. IP65 waterproof.
- Plastic bottom+ABS frame, different frame colors(white/black/silver/gold) options.
- Epistar SMD LED Chips,90-100lm/W output. Constant current driver, 2/3Years warranty.



12W

18W

24W

32W

| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-CD-12WE  | 12W        | Ø240*H60     | >0.6 | >80 | IP65     |
| GR-CD-18WE  | 18W        | Ø300*H60     | >0.6 | >80 | IP65     |
| GR-CD-24WE  | 24W        | Ø400*H60     | >0.9 | >80 | IP65     |
| GR-CD-32WE  | 32W        | Ø480*H60     | >0.9 | >80 | IP65     |

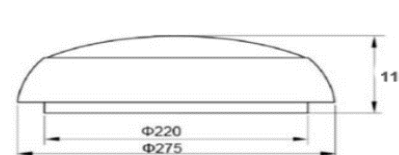
## GR-CD-H Series

Emergency kits available

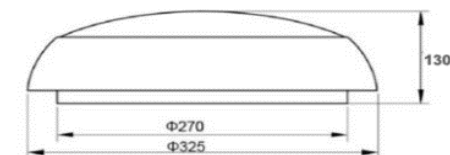


### Feature

- Classic design with IP65 protection
- Plastic bottom+ABS frame. Big space to be with Emergency kits
- Epistar SMD LED Chips,90-100lm/W output. Constant current driver, 2/3Years warranty.



12W



18W/24W

| Order Model | Power Watt | Dimension mm | PF   | CRI | IP Grade |
|-------------|------------|--------------|------|-----|----------|
| GR-CD-12WH  | 12W        | Ø275*H110    | >0.6 | >80 | IP65     |
| GR-CD-18WH  | 18W        | Ø325*H130    | >0.9 | >80 | IP65     |
| GR-CD-24WH  | 24W        | Ø325*H130    | >0.9 | >80 | IP65     |



LED Tri-proof Batten

| Order Model   | Power Watt | Remark |
|---------------|------------|--------|
| GR-TPS-2F9WB  | 9W         | 600mm  |
| GR-TPS-4F18WB | 18W        | 1200mm |
| GR-TPS-5F22WB | 22W        | 1500mm |
| GR-TPD-2F18WB | 9W*2       | 600mm  |
| GR-TPD-4F36WB | 18W*2      | 1200mm |
| GR-TPD-5F44WB | 22W*2      | 1500mm |

| Order Model   | Power Watt | Remark   |
|---------------|------------|----------|
| GR-TPS-2F9WA  | 9W         | 1pcs*2FT |
| GR-TPS-4F18WA | 18W        | 1pcs*4FT |
| GR-TPS-5F22WA | 22W        | 1pcs*5FT |
| GR-TPD-2F18WA | 9W*2       | 2pcs*2FT |
| GR-TPD-4F36WA | 18W*2      | 2pcs*4FT |
| GR-TPD-5F44WA | 22W*2      | 2pcs*5FT |

Dust-proof Batten



| Order Model   | Power Watt | Length mm | IP Grade |
|---------------|------------|-----------|----------|
| GR-DF-600A/B  | 18W        | 600       | IP44     |
| GR-DF-1200A/B | 36W        | 1200      | IP44     |
| GR-DF-1500A/B | 44W        | 1500      | IP44     |



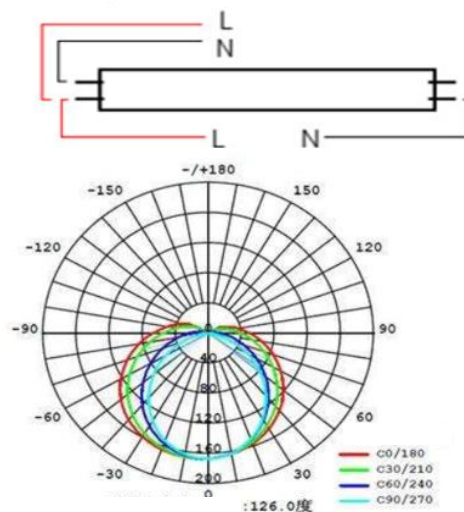
| Order Model | Power Watt | Length mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-TPP-600  | 18W        | 600       | IP65     |
| GR-TPP-1200 | 36W        | 1200      | IP65     |
| GR-TPP-1500 | 44W        | 1500      | IP65     |



## TUBE LED T8 Series

| Order Model   | Power Watt | Length mm |
|---------------|------------|-----------|
| GR-T8600-9W   | 9W         | 590mm     |
| GR-T8900-13W  | 13W        | 890mm     |
| GR-T81200-18W | 18W        | 1198mm    |
| GR-T81500-22W | 22W        | 1498mm    |
| GR-T81800-26W | 26W        | 1778mm    |
| GR-T82400-36W | 36W        | 2378mm    |

Single/Double end input option



## T5 LED Batten



| Order Model    | Power Watt | Length mm | CRI | IP Grade |
|----------------|------------|-----------|-----|----------|
| GR-T5600-9WB   | 9W         | 600mm     | >80 | IP22     |
| GR-T5900-13WB  | 13W        | 900mm     | >80 | IP22     |
| GR-T51200-18WB | 18W        | 1200mm    | >80 | IP22     |
| GR-T51500-22WB | 22W        | 1500mm    | >80 | IP22     |

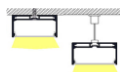
## T15/T20



| Order Model    | Power Watt | Length mm | CRI | IP Grade |
|----------------|------------|-----------|-----|----------|
| GR-T15600-18W  | 18W        | 600mm     | >80 | IP22     |
| GR-T151200-36W | 36W        | 1200mm    | >80 | IP22     |
| GR-T151500-44W | 44W        | 1500mm    | >80 | IP22     |

### GR-LS5075 Series

Pendant/ Surface Linear lights  
2400mm 600mm can be option



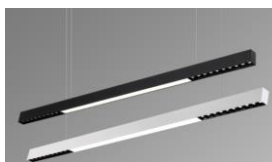
| Order Model    | Power Watt | Dimension mm  | CRI | IP Grade |
|----------------|------------|---------------|-----|----------|
| GR-LS5075-1200 | 36W        | L1185*W50*H75 | >80 | IP22     |
| GR-LS5075-1500 | 48W        | L1485*W50*H75 | >80 | IP22     |
| GR-LS5050-1200 | 36W        | L1180*W50*H50 | >80 | IP22     |
| GR-LS5050-1500 | 48W        | L1485*W50*H50 | >80 | IP22     |

### Recessed Linear Spotlights



| Order Model | Power Watt | Outcut mm     |
|-------------|------------|---------------|
| GR-LS-5*2W  | 9W         | L1185*W50*H75 |
| GR-LS-10*2W | 18W        | L1485*W50*H75 |
| GR-LS-15*2W | 27W        | L2390*W50*H75 |

### Combined pendant lamp



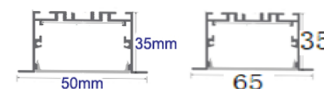
| Order Model   | Power Watt | Dimension mm  |
|---------------|------------|---------------|
| GR-LS6633-36W | 36W        | L1065*W33*H66 |



| Order Model  | Power Watt | Dimension mm |
|--------------|------------|--------------|
| GR-LS60-1200 | 36W        | L1200*D60    |
| GR-LS60-1500 | 45W        | L1500*D60    |

### GR-LS5035/6535 Series

Recessed Linear Light



| Order Model    | Power Watt | Length mm | Outcut mm | CRI | IP Grade |
|----------------|------------|-----------|-----------|-----|----------|
| GR-LS5035-1200 | 36W        | 1200      | W40*H65   | >80 | IP22     |
| GR-LS5035-1500 | 48W        | 1500      | W40*H65   | >80 | IP22     |
| GR-LS5035-2400 | 60W        | 2400      | W40*H65   | >80 | IP22     |
| GR-LS6535-1200 | 36W        | 1200      | W52*H65   | >80 | IP22     |
| GR-LS6535-1500 | 48W        | 1500      | W52*H65   | >80 | IP22     |
| GR-LS6535-2400 | 72W        | 2400      | W52*H65   | >80 | IP22     |

### GR-LS Series

Metal Suspension Linear Light

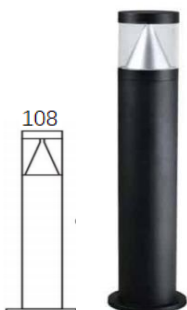


| Order Model     | Power Watt | Dimension mm   | CRI | IP Grade |
|-----------------|------------|----------------|-----|----------|
| GR-LS7040-1200  | 36W        | L1200*W70*H40  | >80 | IP22     |
| GR-LS10040-1200 | 36W        | L1200*W100*H40 | >80 | IP22     |
| GR-LS15040-1200 | 48W        | L1200*W150*H40 | >80 | IP22     |



### GR-BL-A Series

Modern Bollard light

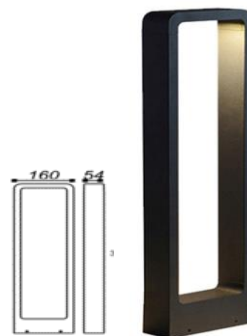


| Order Model | Power Watt | Dimension mm | IP Grade |
|-------------|------------|--------------|----------|
| GR-BL-600A  | 7W         | Ø108*H600    | IP65     |
| GR-BL-800A  | 7W         | Ø108*H600    | IP65     |
| GR-BL-1000A | 7W/9w      | Ø108*H1000   | IP65     |

White/Black Housing options.

### GR-BL-E Series

Bollard light



| Order Model | Power Watt | Dimension mm | IP Grade |
|-------------|------------|--------------|----------|
| GR-BL-300E  | 7W         | Ø108*H300    | IP65     |
| GR-BL-600E  | 7W         | Ø108*H600    | IP65     |
| GR-BL-800E  | 7W         | Ø108*H800    | IP65     |

The other height like 1000mm 1200mm can be customized

### GR-BL-B Series

Bollard light



| Order Model | Power Watt | Dimension mm | IP Grade |
|-------------|------------|--------------|----------|
| GR-BL-300B  | 7W         | Ø108*H300    | IP65     |
| GR-BL-600B  | 9W         | Ø108*H600    | IP65     |
| GR-BL-800B  | 9W         | Ø108*H800    | IP65     |

The other height like 1000mm 1200mm can be customized  
It is ok to be 2.5m/3m/4m height with 165mm Diameter

### GR-BL-D Series

Square Bollard light

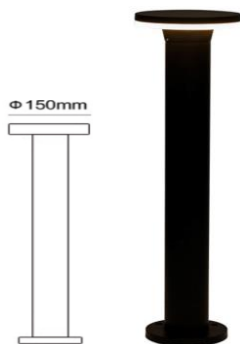


| Order Model | Power Watt | Dimension mm | IP Grade |
|-------------|------------|--------------|----------|
| GR-BL-600D  | 9W         | Ø120*H600    | IP65     |
| GR-BL-800D  | 9W         | Ø120*H800    | IP65     |
| GR-BL-1000D | 9W         | Ø120*H1000   | IP65     |

The other height like 1200mm 1500mm can be customized  
It is ok to be 2.5m/3m/3.5m/4m height with 200mm width

### GR-BL-F Series

Bollard light



|                 |    |
|-----------------|----|
| GR-BL-300F      | 9W |
| GR-BL-600F      | 9W |
| GR-BL-800F      | 9W |
| IP65 100-240VAC |    |



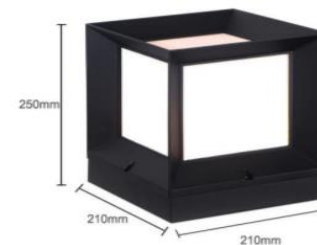
### GR-BL-F Series

Garden Bollard light

3/5W 100-240VAC  
Base/ Spike Installation  
IP65

### GR-BL-M Series

Pillar Lights



Size:210\*210\*H250  
E27 Base or SMD Type  
5W/7W IP65



### GR-GL-A Series

Inground Light



| Order Model    | Power Watt | Outcut mm | IP Grade |
|----------------|------------|-----------|----------|
| GR-GL-3WA      | 3W         | Ø105*H85  | IP67     |
| GR-GL-6WA      | 6W         | Ø110*H95  | IP67     |
| GR-GL-9WA/12WA | 9W/12W     | Ø150*H100 | IP67     |
| GR-GL-18WA     | 18W        | Ø195*H100 | IP67     |
| GR-GL-24WA     | 24W        | Ø210*H100 | IP67     |
| GR-GL-36WA     | 36W        | Ø240*H100 | IP67     |
| GR-GL-48WA     | 26W        | Ø290*H100 | IP67     |

### GR-GL-F Series

Square Inground uplighter



| Order Model | Power Watt | Outcut mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-GL-3WF   | 3W         | LW95*H80  | IP67     |
| GR-GL-5WF   | 5W         | LW115*H80 | IP67     |
| GR-GL-9WF   | 9W         | LW140*H85 | IP67     |
| GR-GL-12WF  | 12W        | LW155*H85 | IP67     |
| GR-GL-18WF  | 18W        | LW195*H90 | IP67     |

### GR-GL-H Series

COB Inground Light



| Order Model | Power Watt | Outcut mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-GL-10WH  | 10W        | Ø145*H95  | IP67     |
| GR-GL-20WH  | 20W        | Ø170*H100 | IP67     |
| GR-GL-30WH  | 30W        | Ø210*H100 | IP67     |
| GR-GL-50WH  | 50W        | Ø240*H100 | IP67     |

### GR-GL-L Series

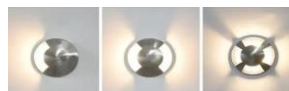
Linear Inground uplighter



| Order Model | Power Watt | Outcut mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-GL-3WL   | 3W         | L195*W75  | IP67     |
| GR-GL-6WL   | 6W         | L290*W85  | IP67     |
| GR-GL-9WL   | 9W         | L290*W85  | IP67     |
| GR-GL-12WL  | 12W        | L490*W85  | IP67     |
| GR-GL-24WL  | 24W        | L990*W85  | IP67     |
| GR-GL-36WL  | 36W        | L990*85   | IP67     |

### GR-GL-B Series

Small Inground Light



| Order Model | Power Watt | Outcut mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-GL-1WB42 | 1W         | Ø38       | IP67     |
| GR-GL-1WB52 | 1W         | Ø48       | IP67     |
| GR-GL-1WB62 | 1W         | Ø58       | IP67     |

### GR-GL-R Series

Adjustable Inground uplighter



| Order Model | Power Watt | Outcut mm | IP Grade |
|-------------|------------|-----------|----------|
| GR-GL-3WR   | 3W         | Ø110*H150 | IP67     |
| GR-GL-5WR   | 5W         | Ø140*H205 | IP67     |
| GR-GL-9WR   | 9W         | Ø170*H251 | IP67     |
| GR-GL-12WR  | 12W        | Ø170*H251 | IP67     |
| GR-GL-18WR  | 18W        | Ø220*H300 | IP67     |

### GR-SP-A Series

Spike/ Surface Spot Light



| Order Model     | Power Watt | Outcut mm | IP Grade |
|-----------------|------------|-----------|----------|
| GR-SP-5WA (COB) | 5W         | Ø105*H85  | IP66     |
| GR-SP-6WA       | 6W         | Ø110*H95  | IP66     |
| GR-SP-9WA       | 9W         | Ø150*H100 | IP66     |
| GR-SP-12WA      | 12W        | Ø195*H100 | IP66     |
| GR-SP-18WA      | 18W        | Ø210*H100 | IP66     |
| GR-SP-24WA      | 24W        | Ø240*H100 | IP66     |
| GR-SP-36WA      | 26W        | Ø290*H100 | IP66     |

### GR-SP-H Series

Top Quality Uplighter



| Order Model | Power Watt | Voltage  | IP Grade |
|-------------|------------|----------|----------|
| GR-SP-10WH  | 7W-10W     | 100-240V | IP66     |
| GR-SP-15WH  | 12W-15W    | 100-240V | IP66     |
| GR-SP-20WH  | 18W-20W    | 100-240V | IP66     |
| GR-SP-30WH  | 25W-30W    | 100-240V | IP66     |

### GR-SP-M Series

Narrow Beam Spot light



| Order Model | Power Watt | Beam angle | IP Grade |
|-------------|------------|------------|----------|
| GR-SP-10WM  | 10W        | 5°         | IP67     |

### GR-SP-H Series

Commercial outdoor Spot light



| Order Model | Power Watt | Diameter mm | Voltage V | CRI | IP Grade |
|-------------|------------|-------------|-----------|-----|----------|
| GR-SP-10WH  | 10W        | Ø80         | 100-240V  | >90 | IP66     |
| GR-SP-20WH  | 20W        | Ø100        | 100-240V  | >90 | IP66     |
| GR-SP-30WH  | 30W        | Ø125        | 100-240V  | >90 | IP66     |

### GR-SP-T Series

Rectangle Spot light



| Order Model | Power Watt | Size mm        | CRI | IP Grade |
|-------------|------------|----------------|-----|----------|
| GR-SP-12WT  | 12W        | L190*W160*H290 | >80 | IP66     |
| GR-SP-18WT  | 18W        | L190*W160*H290 | >80 | IP66     |
| GR-SP-24WT  | 24W        | L320*W160*H290 | >80 | IP66     |
| GR-SP-36WT  | 36W        | L320*W160*H290 | >80 | IP66     |
| GR-SP-48WT  | 48W        | L320*W160*H290 | >80 | IP66     |

### GR-BD-A Series

Up down Wall light



| Order Model  | Power Watt | Dimension mm | IP Grade |
|--------------|------------|--------------|----------|
| GR-BD-2x7WA  | 2x7W       | Ø105*H85     | IP66     |
| GR-BD-2x10WA | 2x10W      | Ø110*H95     | IP66     |
| GR-BD-2x15WA | 2x15W      | Ø150*H100    | IP66     |
| GR-BD-2x20WA | 2x20W      | Ø195*H100    | IP66     |

### GR-BD-F Series

COB/ GU10 Outdoor Wall Light



| Order Model        | Power Watt | Dimension mm | IP Grade |
|--------------------|------------|--------------|----------|
| GR-BD-5WF-Round    | 5W         | L80*W70*H80  | IP65     |
| GR-BD-2x5WF-Round  | 2x5W       | 85*W70*H150  | IP65     |
| GR-BD-5WF-Square   | 5W         | L80*W70*H80  | IP65     |
| GR-BD-2x5WF-Square | 2x5W       | 85*W70*H150  | IP65     |

### GR-BD-B Series

Square Wall Light ( Single or double heads)



| Order Model  | Power Watt | Dimension mm | IP Grade |
|--------------|------------|--------------|----------|
| GR-BD-2x7WA  | 2x7W       | Ø105*H85     | IP66     |
| GR-BD-2x10WA | 2x10W      | Ø110*H95     | IP66     |
| GR-BD-2x15WA | 2x15W      | Ø150*H100    | IP66     |
| GR-BD-2x20WA | 2x20W      | Ø195*H100    | IP66     |
| GR-BD-2x15WA | 2x15W      | Ø150*H100    | IP66     |
| GR-BD-2x20WA | 2x20W      | Ø195*H100    | IP66     |

### GR-BD-L Series

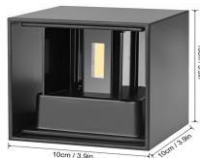
Recessed Outdoor Wall Light



| Order Model            | Power Watt | Cut out mm   | IP Grade |
|------------------------|------------|--------------|----------|
| GR-BD-3WL-N(narrow)    | 3W         | L170*W35*H50 | IP65     |
| GR-BD-3WL-N(narrow)    | 3W         | L75*W35*H50  | IP65     |
| GR-BD-3WL-R(Rectangle) | 3W         | L205*W55*H60 | IP65     |
| GR-BD-3WL-S(square)    | 3W         | L80*W80*H51  | IP65     |

### GR-BD-E Series

Adjustable beam angle



| Order Model | Power Watt | Size mm        | CRI | IP Grade |
|-------------|------------|----------------|-----|----------|
| GR-BD-2x3W  | 2x3W       | L100*W100*H100 | >80 | IP66     |

### GR-BD-R Series

Wall Mounted( SMD/GU10 Type option)



| Order Model | Power Watt | Size mm  | CRI | IP Grade |
|-------------|------------|----------|-----|----------|
| GR-BD-12WR  | 12W        | Ø220*H65 | >80 | IP65     |
| GR-BD-18WR  | 18W        | Ø275*H85 | >80 | IP65     |

## GR-WW-A Series

220V Wall Washer Light



| Order Model | Power Watt | Length mm | Voltage  | CRI | IP Grade |
|-------------|------------|-----------|----------|-----|----------|
| GR-WW-9WA   | 9W         | 500       | 100-240V | >80 | IP66     |
| GR-WW-12WA  | 12W        | 500       | 100-240V | >80 | IP66     |
| GR-WW-18WA  | 18W        | 1000      | 100-240V | >80 | IP66     |
| GR-WW-24WA  | 24W        | 1000      | 100-240V | >80 | IP66     |
| GR-WW-36WA  | 36W        | 1000      | 100-240V | >80 | IP66     |

## GR-UL-A Series

DC12/24V Underwater Light



| Order Model | Power Watt | Diameter mm | Voltage | CRI | IP Grade |
|-------------|------------|-------------|---------|-----|----------|
| GR-UL-6WA   | 6W         | Ø120*H140   | DC24V   | >80 | IP68     |
| GR-UL-9WA   | 9W         | Ø145*H180   | DC24V   | >80 | IP68     |
| GR-UL-12WA  | 12W        | Ø145*H180   | DC24V   | >80 | IP68     |
| GR-UL-18WA  | 18W        | Ø175*H210   | DC24V   | >80 | IP68     |
| GR-UL-24WA  | 24W        | Ø210*H230   | DC24V   | >80 | IP68     |

## GR-WW-B Series

DC12/24V Wall Washer light



| Order Model | Power Watt | Length mm | Voltage  | CRI | IP Grade |
|-------------|------------|-----------|----------|-----|----------|
| GR-WW-18WB  | 18W        | 1000      | DC12/24V | >80 | IP66     |
| GR-WW-24WB  | 24W        | 1000      | DC12/24V | >80 | IP66     |
| GR-WW-36WB  | 36W        | 1000      | DC12/24V | >80 | IP66     |
| GR-WW-48WB  | 48W        | 1000      | DC12/24V | >80 | IP66     |

## GR-UL-B Series

DC12/24V Recessed Underwater light



| Order Model | Power Watt | Cut out mm | Voltage | CRI | IP Grade |
|-------------|------------|------------|---------|-----|----------|
| GR-UL-6WB   | 6W         | Ø115*H95   | DC24V   | >80 | IP68     |
| GR-UL-9WB   | 9W         | Ø145*H115  | DC24V   | >80 | IP68     |
| GR-UL-12WB  | 12W        | Ø155*H100  | DC24V   | >80 | IP68     |
| GR-UL-18WB  | 18W        | Ø195*H115  | DC24V   | >80 | IP68     |
| GR-UL-24WB  | 24W        | Ø195*H115  | DC24V   | >80 | IP68     |



GR-TYS Series Solar Garden Lights

Power:20W/25W/30W/50W

Duration:3-5raining days

Remark:Hydrid solution available.



GR-TYD Series Modern Garden Lights

Dimension: 150mm/160mm/200mm\* Height 2.5m/3m/3.5m/4m option

Aluminum body/ 20W/30W 40W/50W

Garden Pole Lights 38\*38\*56cm

Model

Power

GR-TY-30/50/70W

30W/50W/70W

GR-TY-100/150W

100W/120W/150W



GR-TYF Series Garden lights

Feature:

- 1.Different pattern can be customized.
- 2.Different height can be option 2.5m/3m/3.5m/4m
- 3.Aluminum body,anti-corrosion.
- 4.Power 20W 30W 50W optional.