

## News Letter\_Apr.2020\_Monthly News letter

Egm item news



Korea has more than 10,000 confirmed cases of COVID-19 (April 2020). However, the aftermath of infection is gradually decreasing, and COVID-19 response has been spotlighted by several countries.



Korea's response to COVID-19 quickly prevented new infections through early isolation and medical prescription of confirmed patients through a collective screening of 196,000 people. And through the mobile phone app, the movement of the confirmed person was identified.



Unlike other countries, Korea does not block the movement of citizens and seeks to limit and save the life of COVID-19 through self-isolation, large-scale assembly and voluntary distance.



The reason why Korea is so well controlled by COVID-19 is honesty, community awareness, and excellent medical technology.



Korea has a special center to prevent COVID-19 infection. 572 establishments nationwide have been installed to detect and examine suspicious patients. And even at night, work continues. Two doctors are counseling patients and collecting samples from the screening clinic from 7 pm to 10 pm or 12 pm.



LED 170W cylindrical lighting suitable for indoor work lighting

Product Features

01. Indoor work lighting

Red and blue (Disinfectant) LED light source (100K)

400lx @ 100lx



02. Connectable

220V AC

220V Connecting - Up to 10 connections possible to make

03. Portability

Light weight body

Cable length 10m when using outlet

Handy & small



04. Able to separate

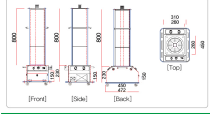
Removable top and bottom of product

Specifications

| LED          | Beam angle    | Dim                         | CCT      | Output                  |
|--------------|---------------|-----------------------------|----------|-------------------------|
| 1.700W(100K) | 60°           | ON/OFF                      | 5,300K   | 220~400C                |
| Power        | Input voltage | Max. operating cable length | Material | Weight                  |
| 170W         | AC 100-240V   | 10m                         | Aluminum | 3.0kg (without battery) |
| 170W         | 220V          | 10m(10m)                    |          | 3.2kg (with battery)    |

| Battery Specifications |         |        |                |               |
|------------------------|---------|--------|----------------|---------------|
| Working Material       | Kind    | Volume | Operating time | Charging time |
| Lithium                | 3000mAh | 57Wh   | 5~10Hours      | 1~2Hours      |

Product dimensions (1000mmx450mmx310mm)



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Grashoppers



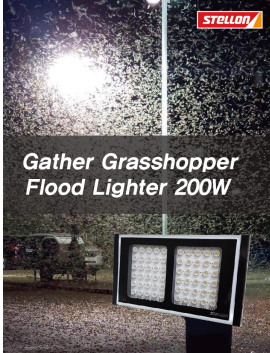
Grasshoppers, boasting a voracious appetite that is devastating to the extent that there is no grass around them, are moving from Africa to India and Pakistan to mainland China.

One of the most destructive pests on the planet the grasshopper is 6 to 7 cm long and weighs 2 g. It lays 300 eggs a year and breeds grasshoppers over 5 generations. This time, there are 400 billion grasshoppers.



It is the first time in 70 years that an astronomical number of locusts has appeared, and experts believe that locusts have risen due to abnormal weather.

Product in issue



China is preparing for a war with locusts, and in Las Vegas a huge amount of locusts is appearing to surprise tourists. Experts say that a hotel's lighting attracted a swarm of grasshoppers in search of food.

Propose lighting using the propensity of grasshoppers strongly attracted by UV rays

Product in issue

LED Flood lighting 100W



Public procurement NO:23327113  
Big space lighting 100W  
100% waterproof, damp proof, dust proof  
all proof floodlight fully supported to big space  
before, across and below lighting



| STANDARD         |                      | Flood water proof IP68 certified, sealed cabinet and 60-70% savings electricity cost |                                |
|------------------|----------------------|--|--------------------------------|
| Total flux       | Luminance            | Beam angle   | CR                             |
| 10,800lm         | 102lm/m <sup>2</sup> | 20°/20°/40°/60°/120°   | Over 80                        |
|                  |                      |  | CR1                            |
|                  |                      |  | CR2                            |
| Converter        | Heat sink            | Power consumption  | PF                             |
| Micro well Union | AC100V-250V 50/60Hz  | 100W   | Over 0.95                      |
|                  |                      |  | 90%                            |
| IP level         | IK level             | Weight   | Working temperature            |
| IP68             | IK10                 | Lighting 3.5kg Converter 0.8kg   | -40-50°C                       |
|                  |                      |  | Material: AL 6063              |
|                  |                      |  | Cover material: Poly Carbonate |

LED Flood lighting 150W



Public procurement NO:23327114  
Big space lighting 150W  
100% waterproof, damp proof, dust proof  
all proof floodlight fully supported to big space  
before, across and below lighting



| STANDARD         |                      | Flood water proof IP68 certified, sealed cabinet and 60-70% savings electricity cost |                                |
|------------------|----------------------|--|--------------------------------|
| Total flux       | Luminance            | Beam angle   | CR                             |
| 15,600lm         | 102lm/m <sup>2</sup> | 20°/20°/40°/60°/120°   | Over 80                        |
|                  |                      |  | CR1                            |
|                  |                      |  | CR2                            |
| Converter        | Heat sink            | Power consumption  | PF                             |
| Micro well Union | AC100V-250V 50/60Hz  | 150W   | Over 0.95                      |
|                  |                      |  | 90%                            |
| IP level         | IK level             | Weight   | Working temperature            |
| IP68             | IK10                 | Lighting 3.5kg Converter 0.8kg   | -40-50°C                       |
|                  |                      |  | Material: AL 6063              |
|                  |                      |  | Cover material: Poly Carbonate |

LED Flood lighting 200W



Public procurement NO:23327115  
Big space lighting 200W  
100% waterproof, damp proof, dust proof  
all proof floodlight fully supported to big space  
before, across and below lighting



| STANDARD         |                      | Flood water proof IP68 certified, sealed cabinet and 60-70% savings electricity cost |                                |
|------------------|----------------------|--|--------------------------------|
| Total flux       | Luminance            | Beam angle   | CR                             |
| 19,800lm         | 102lm/m <sup>2</sup> | 20°/20°/40°/60°/120°   | Over 80                        |
|                  |                      |  | CR1                            |
|                  |                      |  | CR2                            |
| Converter        | Heat sink            | Power consumption  | PF                             |
| Micro well Union | AC100V-250V 50/60Hz  | 200W   | Over 0.95                      |
|                  |                      |  | 90%                            |
| IP level         | IK level             | Weight   | Working temperature            |
| IP68             | IK10                 | Lighting 3.5kg Converter 0.8kg   | -40-50°C                       |
|                  |                      |  | Material: AL 6063              |
|                  |                      |  | Cover material: Poly Carbonate |



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