

## Standard Genius™ LED Projection Light

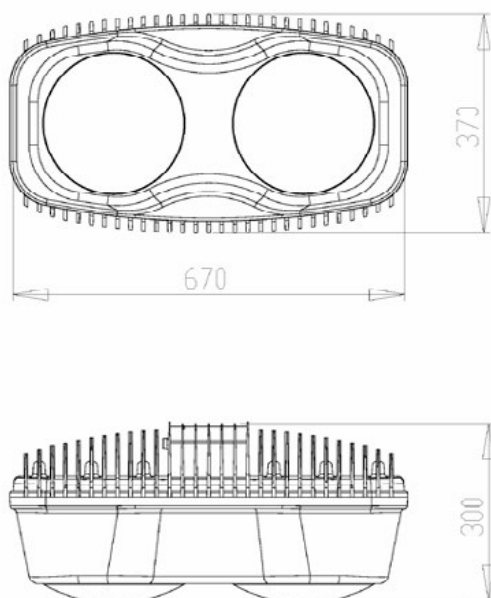


- 20° beam angle for long distance projection lighting applications
- Flexible and reliable, Genius™ mounting system
- Only LED light in the world can replace 1000W HID.



Location: Hockey Field, Germany

Item: Zhihai 400W LED Projection Light, ZHGL-400P



## Standard Genius™ LED Projection Light

### Features & Characteristic:

- 20° beam angle for long distance projection lighting applications
- Patent multi- function design, suitable for all projects
- 5-5-10 year warranty
- Osram/Cree LED chips, 110 lm/w system efficiency\*
- 80% lumen maintenance over 50,000hours
- 0-10Vdc dimming driver available
- Photocell sensor system available
- Built-in surge protection
- Built-in thermal protection
- Maintenance free
- Mercury free, No UV or IR
- Universal input without additional adapter, 80-315Vac, 80-400Vdc
- Instant start and flicker free
- High uniformity and color rendering

### Typical Application:






Street | Bridge | Architecture | Warehouse | Stadium | Tunnel | Garden | Parking | Billboard | Plaza | Show Room | Factory | Shopping Mall | Petrol Station | Conference Centers | Cold Storage | Floodlighting

|                             |             |  |           |            |
|-----------------------------|-------------|--|-----------|------------|
| Model:                      |             | ZHGL-210P  | ZHGL-270P | ZHGL-400P  |
| Power                       | LEDs:       | 189W   | 243W      | 360W       |
| Consumption:                | Driver:     | 21W  | 27W       | 40W        |
|                             | Total:      | 210W   | 270W      | 400W       |
| Initial Lumen Flux (6000K): |             | 23100 lm   | 29700 lm  | 44000 lm   |
| Replace HID Lamp:           |             | 400-600W   | 600-800W  | 800W-1000W |
| Dimension:                  |             | 670x370x300mm  |           |            |
| Net Weight:                 |             | 16kg (35lbs)   |           |            |
| Color Temperature:          |             | 4000K (warm white) / 6000K (cool white)                          |           |            |
| Color Rendering:            |             | ≥Ra75  |           |            |
| Working Life:               |             | ≥50000Hrs  |           |            |
| Housing Material:           |             | Aluminum   |           |            |
| Coating:                    |             | Zinc Rich Paint  |           |            |
| IP Class:                   |             | IP 65 (Upgradeable to IP 67)                                     |           |            |
| Insulation Class:           |             | Class I (Upgradeable to Class II)                                |           |            |
| Working Temperature:        |             | -40C ~ 60C / -40F ~ 140F   |           |            |
| Working Humidity:           |             | 10% ~ 95%  |           |            |
| AC Input:                   |             | 80 ~ 315Vac, (347Vac available on request)                       |           |            |
| DC Input:                   |             | 80 ~ 400Vdc, (12Vdc, 24Vdc and other input available on request) |           |            |
| Power Factor:               |             | ≥0.98  |           |            |
| Warranty:                   | LED Module: | 5 year   |           |            |
|                             | Driver:     | 5 year   |           |            |
|                             | Housing:    | 10 year  |           |            |

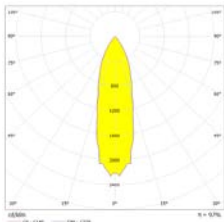
\* 110lm/w only initial flux efficiency for the 6000K LED.

## Standard Genius™ LED Projection Light

### Accessories & Control Systems:

|  | Part Number | Description                           |
|--|-------------|---------------------------------------|
|   | ZHGL-BR-SL  | Standard Genius street light clamp    |
|   | ZHGL-BR-FL  | Standard Genius flood light bracket   |
|   | ZHGL-BR-PL  | Standard Genius pendant light bracket |
|   | -PS         | Photocell sensor system               |
|  | -DM         | 0-10vdc dimming driver                |

### Beam Available:



20° Lens (Tempered glass)

**Order Code: ZHGL-400P-6K-L20-ND-220Vac-3Y**

|                 |                      |                      |                   |                  |             |            |
|-----------------|----------------------|----------------------|-------------------|------------------|-------------|------------|
| <b>ZHGL</b>     | <b>- XX</b>          | <b>- XX K</b>        | <b>- L XX</b>     | <b>- XX</b>      | <b>- XX</b> | <b>-XX</b> |
| <b>Model</b>    |                      |                      |                   |                  |             |            |
| <b>Color</b>    | K = Thousand Kelvin  |                      |                   |                  |             |            |
| <b>Beam</b>     | L = Beam Angle       |                      |                   |                  |             |            |
| <b>Control</b>  | ND = Standard        | DM = 10Vdc Dimming   | PS = Photo Sensor |                  |             |            |
| <b>Input</b>    | 220Vac = 80-315Vac   | 347Vac = 100-380Vac  | 12Vdc = 10-20Vdc  | 24Vdc = 20-40Vdc |             |            |
| <b>Warranty</b> | 3Y = 3 Year Warranty | 5Y = 5 Year Warranty |                   |                  |             |            |