Anti-glaring light is required more and more for applications where people don’t feel comfortable with the glaring light, especially in stadium. Navigator series floodlight is the ideal solution for visual protection.
Anti Glaring

140LM/W

Easy To Open

Screw-free, easy to open
Rewiring inside, easy to install
10 different optics changeable

Add: 1-3F, 3rd Industry Park, Huayuan Road, Dalang, Longhua, 518109, Shenzhen, China
Tel: +86-755-21044278     Email: info@unicornlite.com     Website: www.unicornlite.com
The Optics was specially developed to minimize glare and maximize homogeneity. With an anti-galring film on the lens and a shield in front, we managed to achieve UGR<22.

**Advanced UGR technology**

- **PMMA Lens**
  PMMA offer resistance to UV and visible radiations. In comparison with PC lens, PMMA lens can be used outdoor directly to sunshine, and will not turn yellow even after 5 years, while PC lens can only insist 2 years.

- **20KV SPD**
  20KV 10KA Surge protection device is used for our flood light, for the purpose of protecting against electrical surges and spikes, including those caused by lightning.

- **Respirator**
  Respirator is used for each of our module to avoid water condensation.

- **Tempered Glass**
  With IK08 protected tempered glass, our flood light has better performance for outdoor usage.
PMMA lens, with glass in front
Best UV resistance

PC Lens, without glass
Low UV resistance

Various Lens
**Electrical:** 100-277V, 50/60Hz

**Housing:** Cold Forging

**Thermal Conductivity:** 226 W/m·K

**Led:** CREE JK3030

**CRI:** Ra>70 (80/90 for option)

**SDCM:** <6

**Power Factor:** >0.95

**THD:** <15

**Driver:** Meanwell XLG

**Driver Efficiency:** >90%

**Protection:** OTP, OCP, OVP, SCP

**Surge Protection:** 6KV

**Waterproof:** IP65

**Impact Test:** IK08 & IK10

**Electrical:** 100-277V, 50/60Hz

**Operating Temperature:** -40~50°C

**TM21:** L90B10>50,000H

**Lifetime:** 50,000H

**Optical options:**

- ZigBee
- PWM
- DALI
- 0/1-10V
- Micro-wave
- PIR

---

**Features**

- Housing: Cold Forging
- Thermal Conductivity: 226 W/m·K
- Led: CREE JK3030
- CRI: Ra>70 (80/90 for option)
- SDCM: <6
- Power Factor: >0.95
- THD: <15
- Driver: Meanwell XLG
- Driver Efficiency: >90%
- Protection: OTP, OCP, OVP, SCP
- Surge Protection: 6KV
- Waterproof: IP65
- Impact Test: IK08 & IK10
- Electrical: 100-277V, 50/60Hz
- Operating Temperature: -40~50°C
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- Lifetime: 50,000H

---

**Functions**

- ZigBee
- PWM
- DALI
- 0/1-10V
- Micro-wave
- PIR

---

**Optical options:**

---

**Navigator LED Stadium Light**

**90°**

**20°**

**30°**

**60°**

**Type II**

**Type III**

**Type IV**

**P 50**

---

**Model** | **Watt** | **Voltage** | **Lumen** | **CRI** | **IP** | **Dimension**
---|---|---|---|---|---|---
LH100NE1G-CM | 100W | 100-277V | 14000LM | >70 | IP65 | 448*330*62MM
LH150NE1G-CM | 150W | 100-277V | 21000LM | >70 | IP65 | 448*330*62MM
LH200NE1G-CM | 200W | 100-277V | 28000LM | >70 | IP65 | 448*390*62MM
LH240NE1G-CM | 240W | 100-277V | 33600LM | >70 | IP65 | 518*450*62MM
LH300NE1G-CM | 300W | 100-277V | 42000LM | >70 | IP65 | 518*450*62MM
<table>
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<th>Model</th>
<th>Product(mm)</th>
<th>Outer Carton(mm)</th>
<th>QTY / Outer CTN</th>
<th>NW/CTN</th>
<th>GW/CTN</th>
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<td>482 370 110</td>
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