



# Redefine Anti-Glaring

“ Anti-glaring light is required more and more for applications where people doesn'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





**IK10**

**Low UGR**

### Advanced UGR technology

- The Optics was specially developed to minimize glare and maximize homogeneity. With an anti-glaring film on the lens and a shield in front, we managed to achieve  $UGR < 22$



### 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.



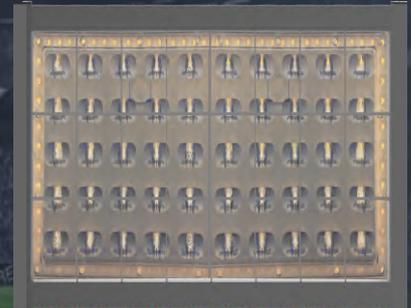
After 5 years



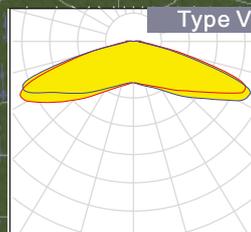
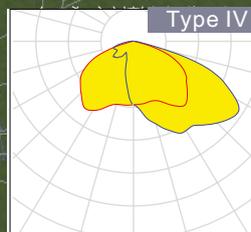
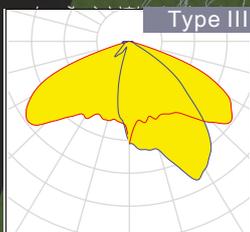
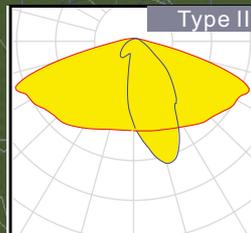
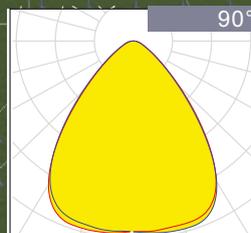
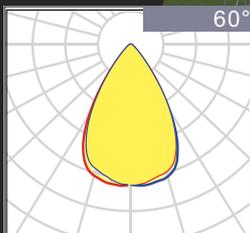
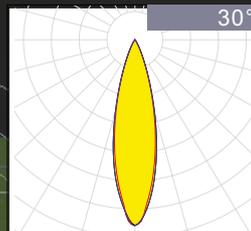
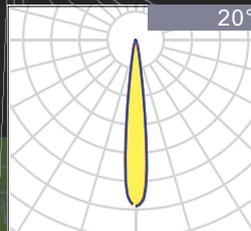
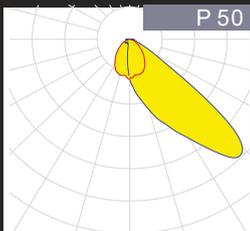
After 2 years



**PMMA lens, with glass in front**  
**Best UV resistance**



**PC Lens, without glass**  
**Low UV resistance**



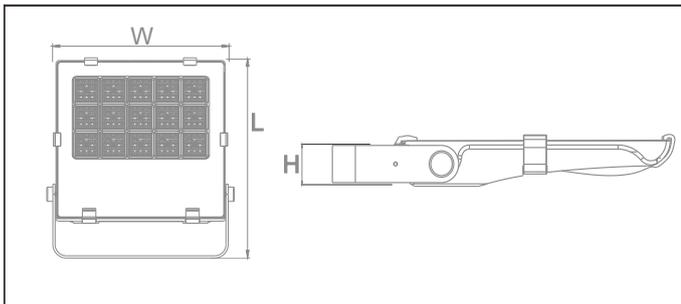
**Various Lens**



**UGR<22**

## Features

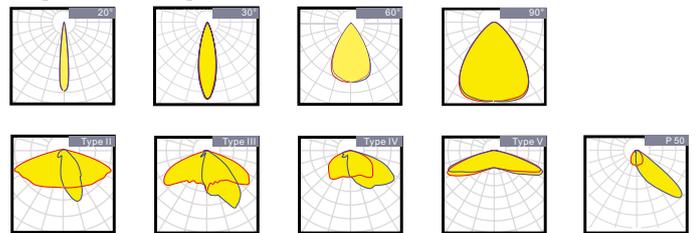
Housing: Die-cast Aluminum ADC12  
 Thermal Conductivity: 96 W/m·K  
 Led: CREE JK3030  
 CRI: Ra>70 ( 80/90 for option)  
 SDCM: <6  
 Power Factor: >0.95  
 THD: <15  
 Driver: Meanwell ELG  
 Driver Efficiency: >90%  
 Protection: OTP, OCP, OVP, SCP  
 Surge Protection: 6KV  
 Waterproof: IP66  
 Impact Test: IK08 & IK10  
 Electrical: 100-277V, 50/60Hz  
 Operating Temperature: -40~50°C  
 TM21: L90B10>50,000H  
 Lifetime: 50,000H



## Functions

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

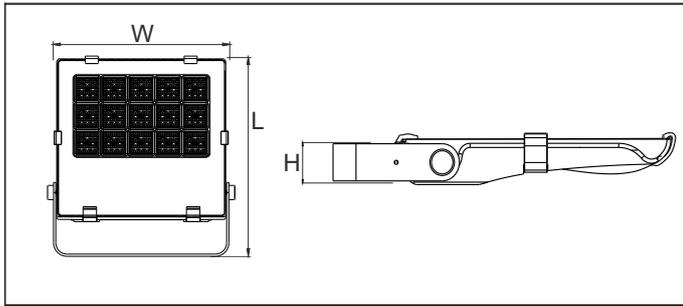
## Optical options:



Model	Watt	Voltage	Lumen	CRI	IP	Dimension
HM100NE1G-CM	100W	100~277V	14000LM	>70 (80)	IP66	L448*W330*H62MM
HM150NE1G-CM	150W	100~277V	21000LM	>70 (80)	IP66	L448*W330*H62MM
HM200NE1G-CM	200W	100~277V	28000LM	>70 (80)	IP66	L448*W390*H62MM
HM240NE1G-CM	240W	100~277V	33600LM	>70 (80)	IP66	L518*W450*H62MM
HM300NE1G-CM	300W	100~277V	42000LM	>70 (80)	IP66	L518*W450*H62MM

Note: Type II/Type III/Type IV/Type V/P50 Brightness 120lm/w

# Packing



Model	Dimension(mm)			Outer Carton(mm)			QTY / Outer CTN	NW/CTN	GW/CTN
HM100NE1G-CM	448	330	62	482	370	110	1	5.1	6.1
HM150NE1G-CM	448	330	62	482	370	110	1	5.1	6.1
HM200NE1G-CM	448	390	62	482	430	110	1	5.8	6.8
HM240NE1G-CM	518	450	62	553	490	110	1	8.6	10.0
HM300NE1G-CM	518	450	62	553	490	110	1	9.5	11.0