

Navigator



*Solution for sport field*

## 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**



**UGR <21**

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<21

**140LM/W**





Tempered glass  
PMMA lens

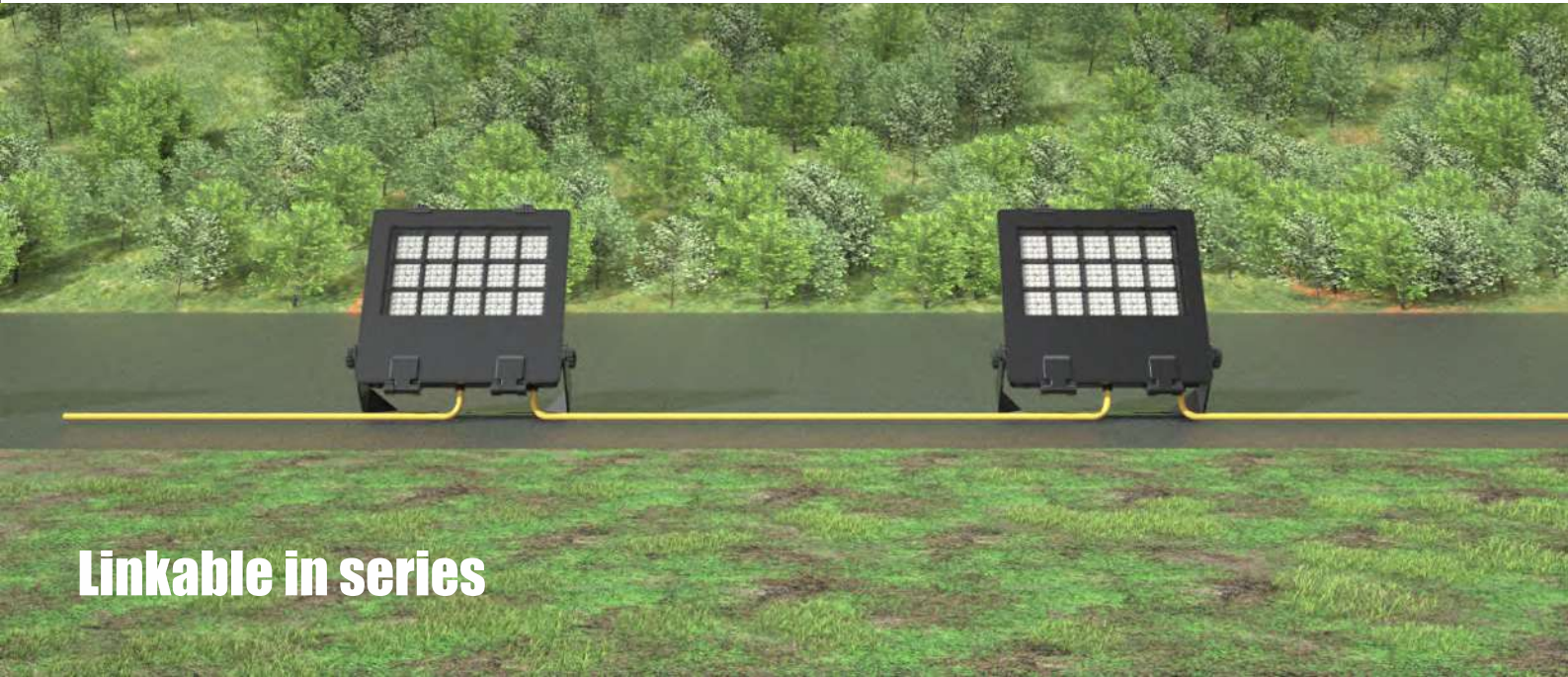
## EASY TO OPEN



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



**Linkable in series**





## IK10

Games where objects often fly at certain heights can cause damage to light fixtures with minimal impact protection. The navigator Series LED fixture, certified up to IK10 rating, is engineered with mesh protection design and durable materials, offering higher impact resistance than normal fixtures.



IP66 Waterproof

10/20kv Surge Protection

Respirator is used to avoid water condensation



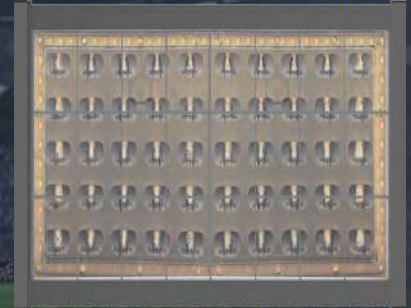
After 5 years



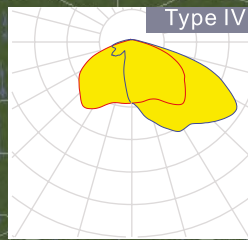
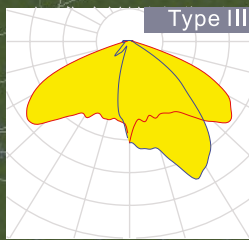
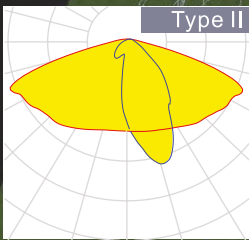
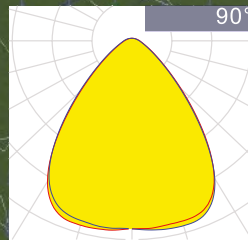
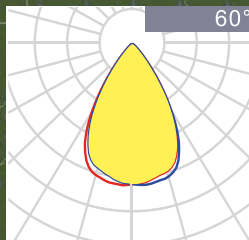
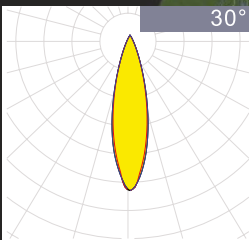
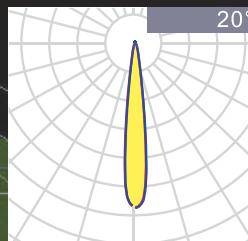
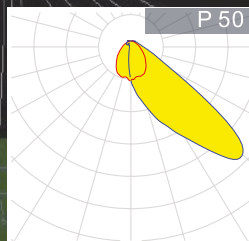
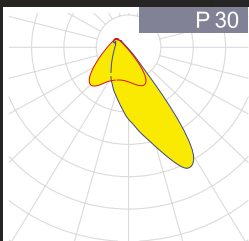
After 2 years



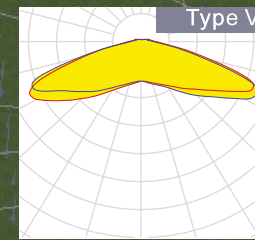
PMMA lens, with glass in front  
Best UV resistance



PC Lens, without glass  
Low UV resistance



Various  
Lens

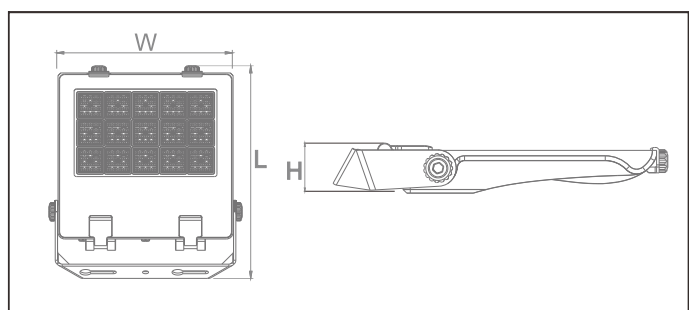




## Features

- 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

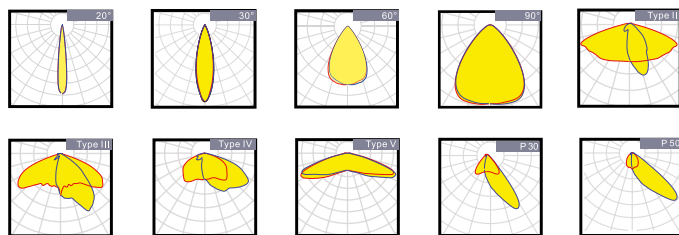
**UGR<21**



## 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	L461*W320*H69MM
HM150NE1G-CM	150W	100~277V	21000LM	>70 (80)	IP66	L461*W320*H69MM
HM200NE1G-CM	200W	100~277V	28000LM	>70 (80)	IP66	L461*W380*H69MM
HM240NE1G-CM	240W	100~277V	33600LM	>70 (80)	IP66	L534*W440*H69MM
HM300NE1G-CM	300W	100~277V	42000LM	>70 (80)	IP66	L534*W440*H69MM

Note: Type II/Type III/Type IV/Type V/P50 Brightness 120lm/w,P30 brightness 150lm/w



CE RoHS compliant

LM79 LM80 TM21

Navigator LED Stadium Light Series



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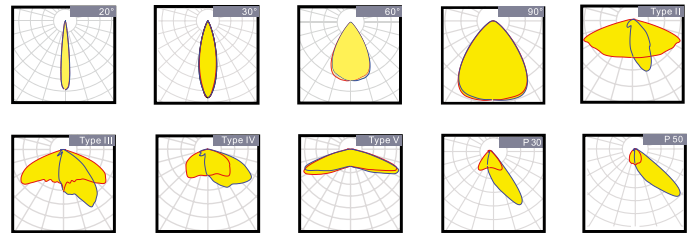
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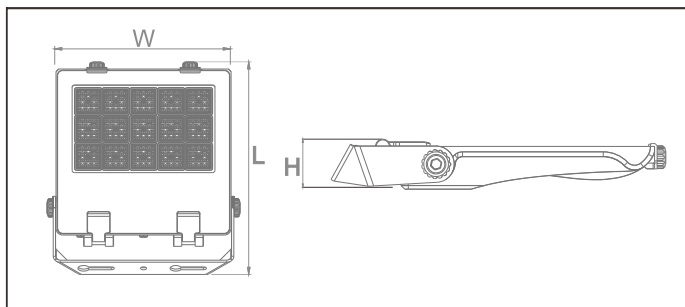
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# Packing



Model	Dimension(mm)			Outer Carton(mm)			QTY /	NW/CTN	GW/CTN
							Outer CTN		
HM100NE1G-CM	461	320	69	482	370	110	1	5.1	6.1
HM150NE1G-CM	461	320	69	482	370	110	1	5.1	6.1
HM200NE1G-CM	461	320	69	482	430	110	1	5.8	6.8
HM240NE1G-CM	534	440	69	553	490	110	1	8.6	10.0
HM300NE1G-CM	534	440	69	553	490	110	1	9.5	11.0