

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

EASY TO OPEN

.....

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

.....



140LM/W



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.



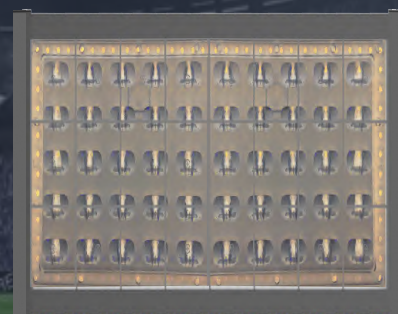
After 5 years



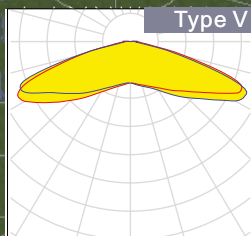
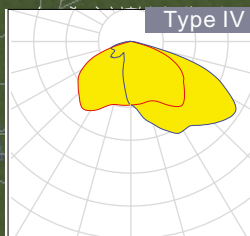
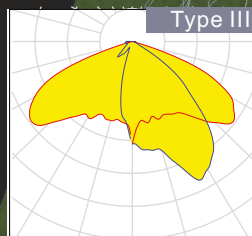
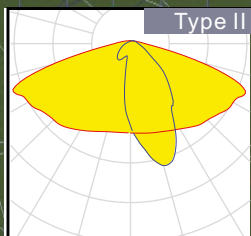
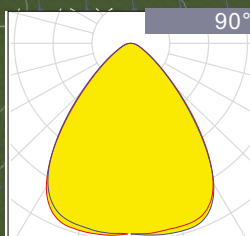
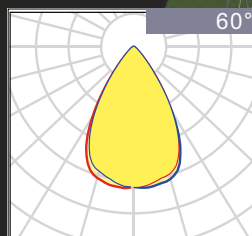
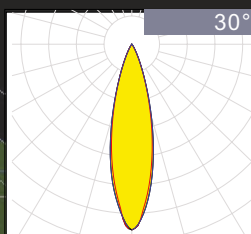
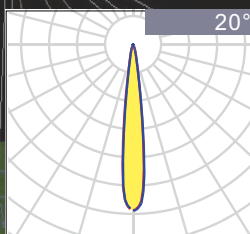
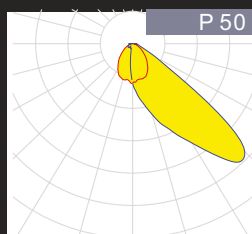
After 2 years



PMMA lens, with glass in front
Best UV resistance



PC Lens, without glass
Low UV resistance



**Various
Lens**



RoHS
compliant

LM 79

LM 80

TM 21



UGR<21

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

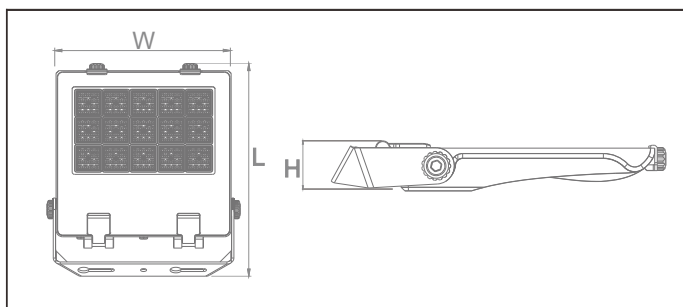
Impact Test: IK08 & IK10

Electrical: 220-240V, 50/60Hz

Operating Temperature: -40~50°C

TM21: L90B10>50,000H

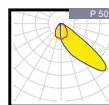
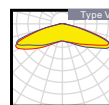
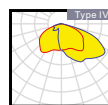
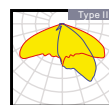
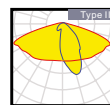
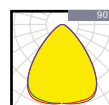
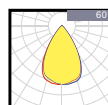
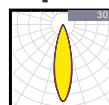
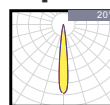
Lifetime: 50,000H



Functions

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

Optical options:



140lm/w

5 YEARS
WARRANTY

Meanwell
Driver

CREE
LED

Model	Watt	Voltage	Lumen	CRI	IP	Dimension
NAV100NE-CM	100W	220~240V	14000LM	>70 (80)	IP66	L461*W320*H69MM
NAV150NE-CM	150W	220~240V	21000LM	>70 (80)	IP66	L461*W320*H69MM
NAV200NE-CM	200W	220~240V	28000LM	>70 (80)	IP66	L461*W380*H69MM
NAV240NE-CM	240W	220~240V	33600LM	>70 (80)	IP66	L534*W440*H69MM
NAV300NE-CM	300W	220~240V	42000LM	>70 (80)	IP66	L534*W440*H69MM

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



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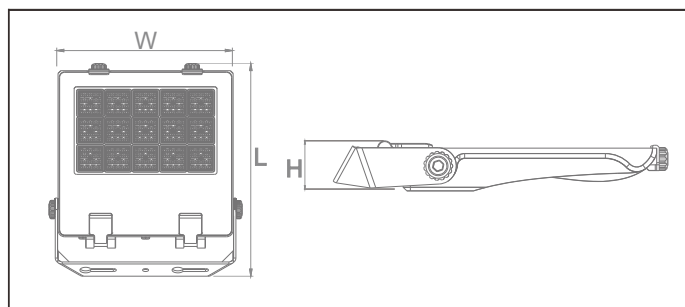
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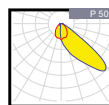
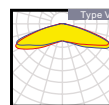
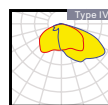
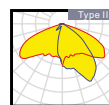
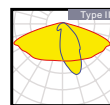
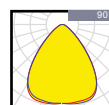
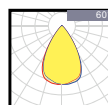
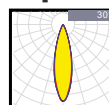
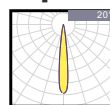
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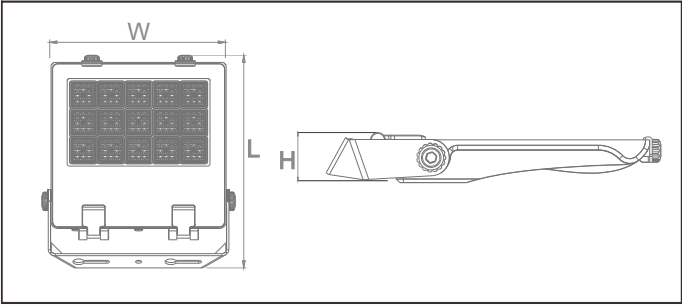
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Note: Type II/Type III/Type IV/Type V/P50 Brightness 120lm/w

Packing



Model	Dimension(mm)			Outer Carton(mm)			QTY / Outer CTN	NW/CTN	GW/CTN
NAV100NE-CM	461	320	69	482	370	110	1	5.1	6.1
NAV150NE-CM	461	320	69	482	370	110	1	5.1	6.1
NAV200NE-CM	461	320	69	482	430	110	1	5.8	6.8
NAV240NE-CM	534	440	69	553	490	110	1	8.6	10.0
NAV300NE-CM	534	440	69	553	490	110	1	9.5	11.0