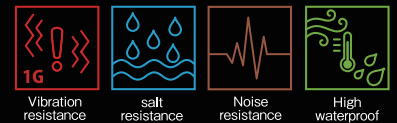


Built to withstand harsh environments LEDHIGHMAST

Outdoor LED Floodlight
LLF0059A



On top of waterproof and dustproof, this floodlight is equipped with heavy salt tolerance which allows use in coast areas. We have conducted a test on use of this product in harbor environment. It has a sufficient quantity of light to irradiate a vast area, materialized by our own LED. We provide wide, medium and narrow light distributions to accommodate various geographical features and 3 color temperatures (white, warm white, incandescent), so the numerous combinations can be created to meet a variety of demands.

Heavy duty

We provide LED floodlights with high quality and reliability, which passed endurance tests for harsh environments.

Technology of
automobile headlamps

Utilizing our technology of light distribution developed through designing automobile headlamps, we materialized a high distribution uniformity.

Energy saving and
considerate of the environment

The higher efficiency enables energy saving and thus contributes to reduction of greenhouse gases.

Simulation of light Distribution

average illuminance: 25lux
Wide/Narrow One side



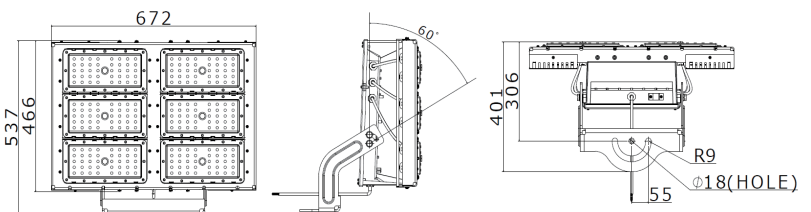
Computational Conditions

Wide: 4units Angles : Wide50° Wide65°
Installation height : 30m

Results

One side 25lx : Wide3units Narrow4units

External Dimension unit: mm



Specifications

Color temperature	5700K	4000K	3000K
Light source luminous flux (at 220 V)	60,900lm	58,920lm	55,020lm
Luminous Efficiency	132lm/W	128lm/W	119lm/W

Material:

Body: Aluminum sheet-metal
Aluminum die casting

Power Consumption:

460W (at 220V)

Input Voltage:

AC90~305V

Lightning Surge Protection Pressure Resistance:

15kV (Common mode)

Light distribution angle:

Narrow angle θ 26° / Medium angle θ 50° /
Wide angle θ 100°

Color Rendering Property:

Ra72(standard value)

Ambient Temperature:

-20~+40°C

Weight:

18kg

waterproof and dustproof:

IP66

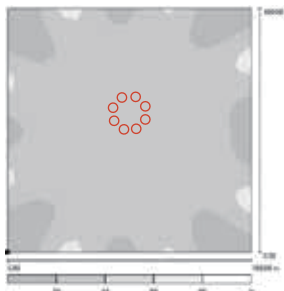
LED light source lifetime:

60,000h (lumen maintenance factor 70%)

Wind Resistance:

70m/s

average illuminance: 30lux
Wide/Narrow Both sides



Computational Conditions

Wide: 4units Angles : Wide50° Wide65°
Installation height : 30m

Results

Both sides 30lx: Wide8units Narrow8units