

LEDHIGHMAST

Outdoor LED Floodlight LLF0059A LLF0011A LLF0012A

Built to withstand harsh environments

LEDSFOCUS

Landscape Lighting

LEDSROAD

Road Lighting

LEDHIGHMAST

Outdoor LED floodlight

LEDHIGHBAY

Indoor Maintenance-free
Lighting

LEDHIGHMAST

Outdoor LED Floodlight LLF0012A



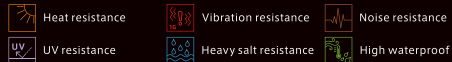
pdf data



Concept

In purpose of enabling use under severe environment, we used as a base an existing lighting fixture with records of use in heavy-salted areas. We also analyzed what part of the fixture would be most affected by shocks when used on a crane, and developed the arm with special quake-proof performance.

Features



Quake proofing structure

It can be used in environments with strong vibration, as it is equipped with quake-proofing.

Heavy duty

We provide high quality and reliable LED floodlights which passed harsh environment endurance tests.

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 the reduction of greenhouse gases.

Projects

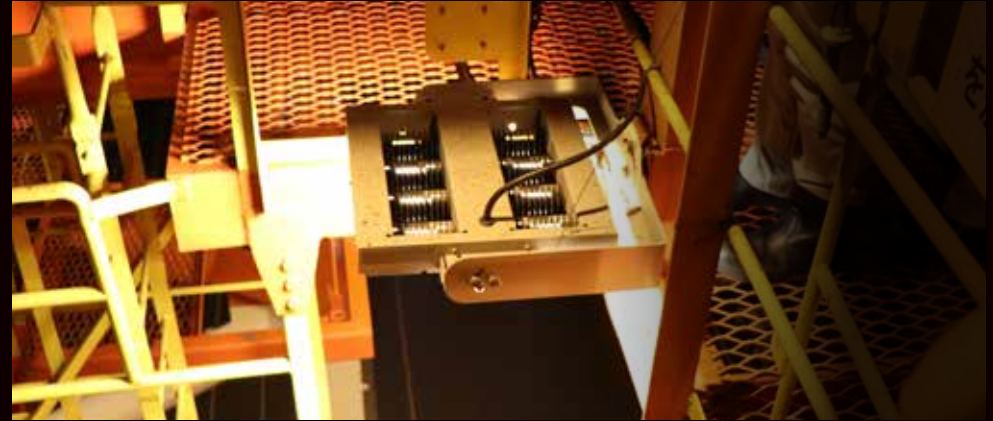
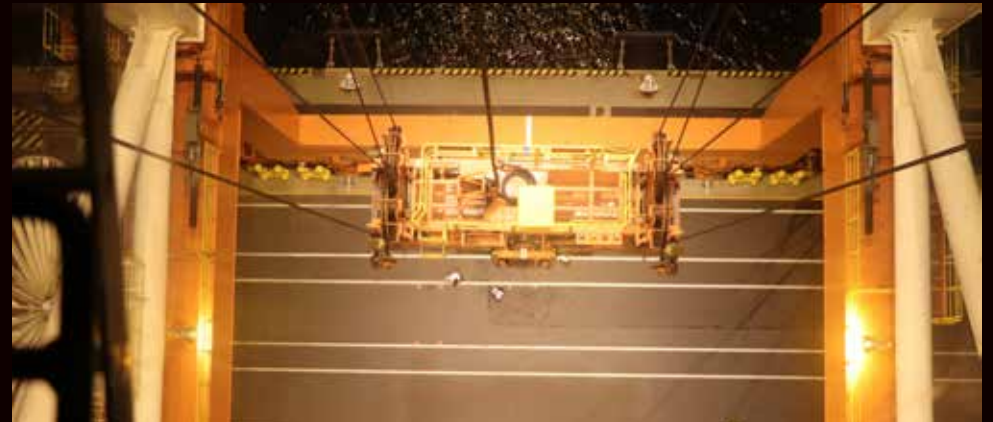


Image of installation



Appearance of the lighting fixture LLF0012A 3000K when installed on a trolley



UV

Severe weather

Dust

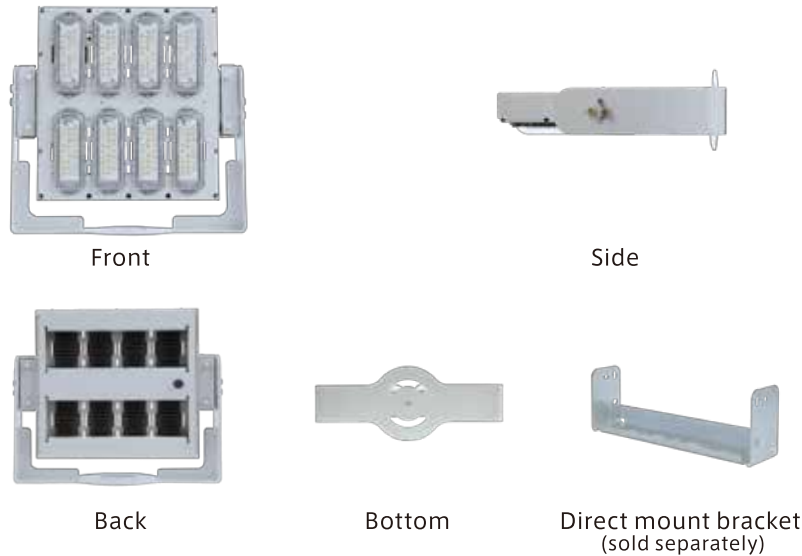
Vibration

Salt damage

Extreme temperature

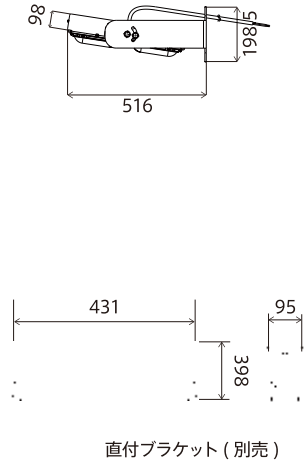
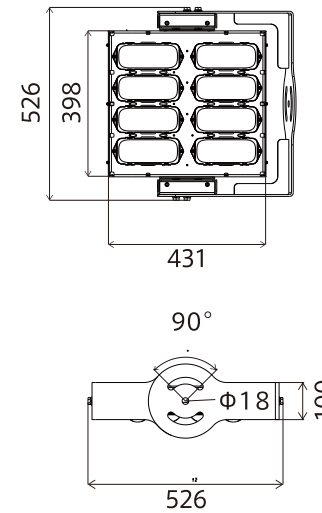
It shows outstanding durability performance under different kinds of bad conditions and environments.

Product Image



External Dimensions

unit: mm

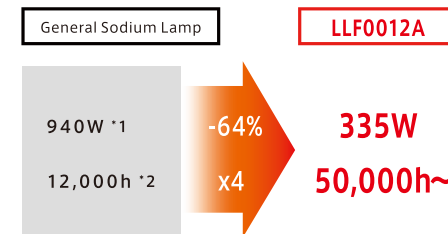


Specifications

Part No.	Narrow 38400	
	5000K	3000K
LLF0012A		
Color temperature	5000K	3000K
Light distribution angle	Narrow angle θ 18° /Wide angle θ 70°	Narrow angle θ 18° /Wide angle θ 70°
Fixture Luminous Flux	Narrow 38,400lm/Wide 40,800lm	Narrow 35,200lm /Wide 36,800lm
Luminous Efficiency	Narrow 115lm/W /Wide 122lm/W	Narrow 105lm/W /Wide 110lm/W

Material:	Body: aluminum sheet
Power Consumption:	335W (at 220V) AC100 ~ 240V
Lightning Surge Protection Pressure Resistance:	15kV (Common mode)
Color Rendering Property:	Ra70 -30 ~ +50°C 12.5kg
Waterproof and dustproof:	IP66
LED light source lifetime:	60,000h (lumen maintenance factor 70%)
Wind Resistance:	60m/s

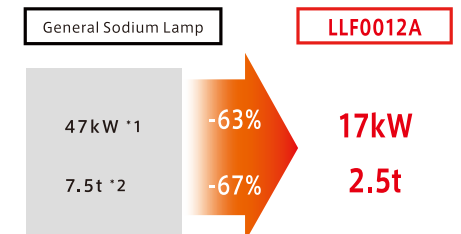
Comparison of Energy Efficiency



*1 Power consumption per lighting fixture

*2 Lifetime of the light source

Comparison of CO2 Emissions



*1 Power consumption per 50 lighting fixtures

*2 Amount of greenhouse gas (CO2) emission
(in 300 days)