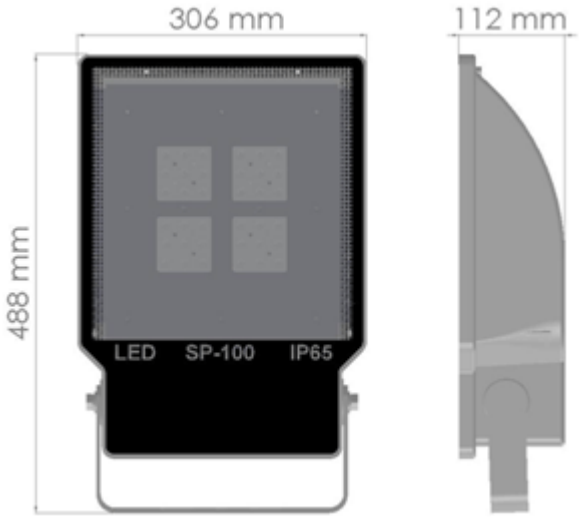
GlacialTech®
Enlighten Your Humanity

Procyon Series

GL-SP100 Series



※Philips Lumileds LED

The LED Flood Light Advantage:

Extremely High Efficiency:
LEDs emit more light per watt than incandescent bulbs. Their efficiency is not affected by shape and size, unlike fluorescent light bulbs or tubes. LEDs light up very quickly. A typical red indicator LED will achieve full brightness in under a microsecond. LEDs used in communications devices can have even faster response times.

Long Lifespan:
One report estimates 35,000 to 50,000 hours of useful life. Fluorescent tubes are typically rated at about 10,000 to 15,000 hours, depending partly on the conditions of use, and incandescent light bulbs at 1,000-2,000 hours.

Healthy Light:
Mercury and lead are not used in the production of LED flood lights. These lights do not give out any harmful emissions such as carbon. As a result, they are much friendlier to the environment.

Energy Friendly:
LEDs are ideal for uses subject to frequent on-off cycling, unlike fluorescent lamps that fail faster when cycled often, or HID lamps that require a longer time before restarting.

Less Heat Emission:
LED flood lights do not emanate heat and conserve the maximum amount of electricity. They do not contribute to a rise in temperature, these lights are ideal for use in cold storage warehouses.

Low Maintenance and Replacement Costs:
LED flood lights are tough, durable and long lasting. This saves the user a considerable amount of money, time and effort. The bulbs are encased in tough, unbreakable coverings, making them impervious to breakage.

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◆ Features

- Indoor and outdoor use
- Equivalent to traditional 400W mercury lamps
- Power factor > 0.98 at 115V AC; Power factor > 0.95 at 230V AC
- High power efficiency > 90%
- High luminous efficacy LEDs
- No UV or IR radiation
- Compliance with safety standard: EN60598, EN61347-1+EN61347-2-13, EN55015+EN61547, EN62471, FCC Part 15B, EN62031
- Cool light can reduce the rise of the ambient temperature.
- Energy saving and environment friendly
- IP65 dust proof
- 2 Years Warranty

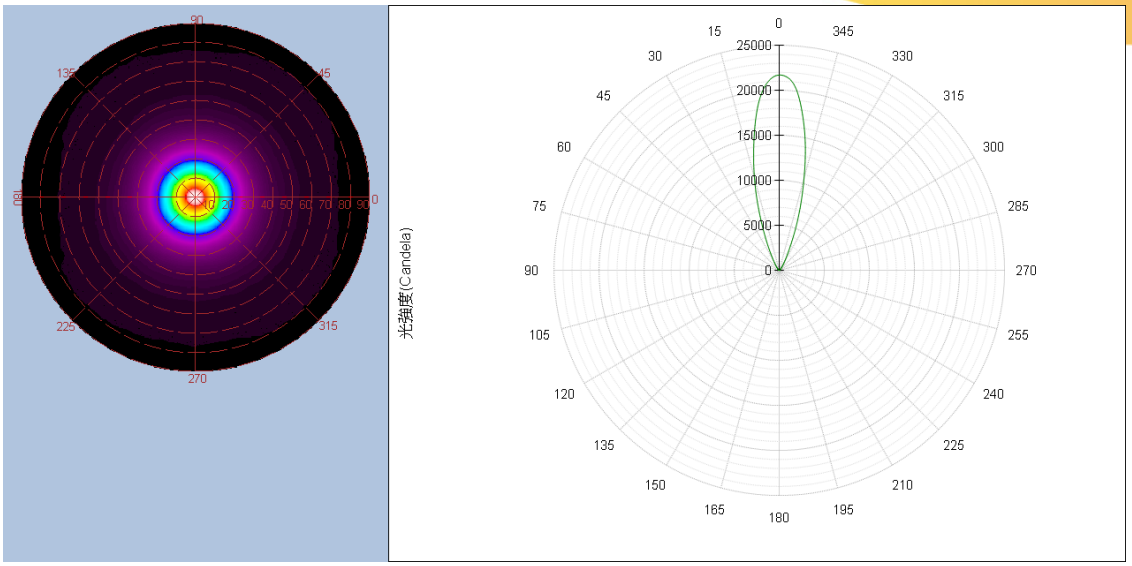
IP65

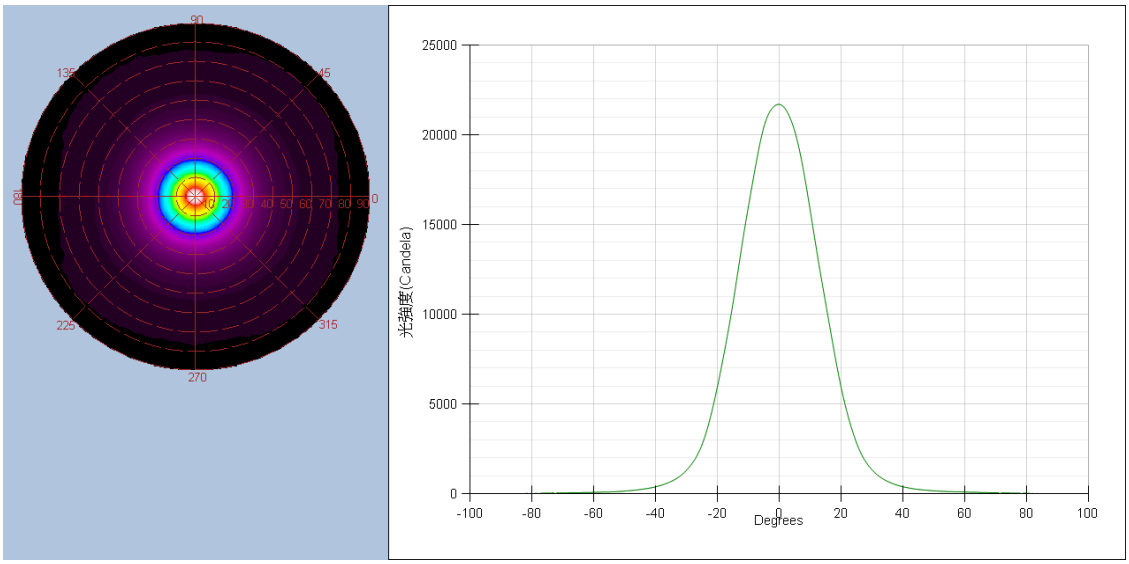
◆ Specifications

Type	GL- SP100- CW
Energy Used	100 Watts
Rated Life	30,000 Hours
Input Voltage	100V-277V AC
CCT	6000K
Power Factor (PF)	>0.98 for 115V AC; >0.95 for 230V AC
Luminous Flux	6900lm
Luminous Efficacy	69lm/W
CRI	>70
Applications	Indoor and Outdoor Lighting/ Architectural Lighting/ Landscape Lighting/ Spot Lighting/Public Place Lighting
Dimension	488 x 306 x 112mm
Beam Angle	30° / 60°(optional)
Net. Weight	7.8 Kgs
Cover	Clear
Operating Temperature	-20°C - +40°C
Storage Temperature	-40°C - +85°C

◆ Luminous Intensity Distribution Diagram

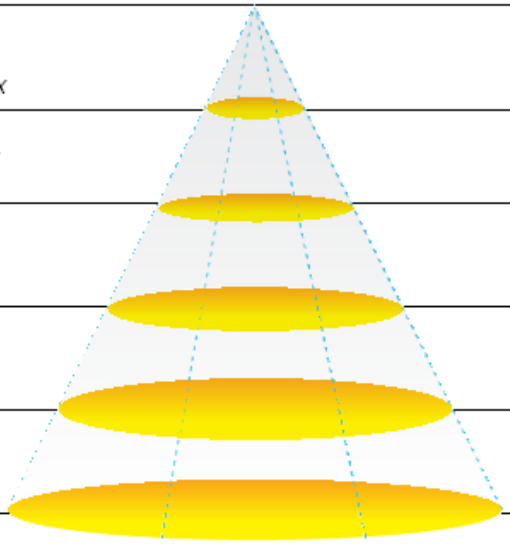
GL-SP100/ CCT: 6000K/ Beam Angle: 30°





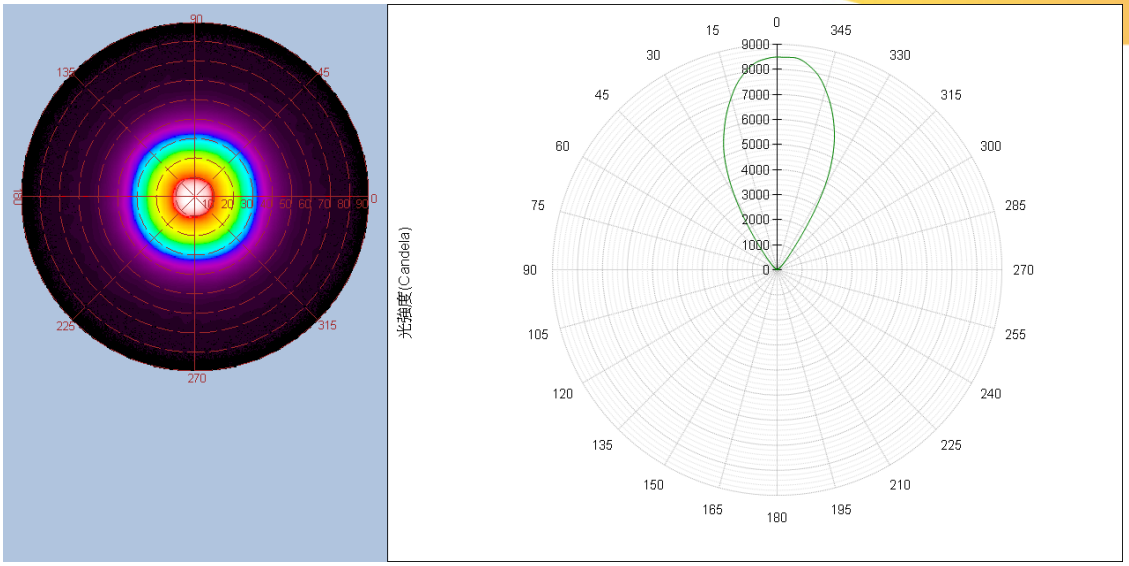
Angle= 30.0 Deg

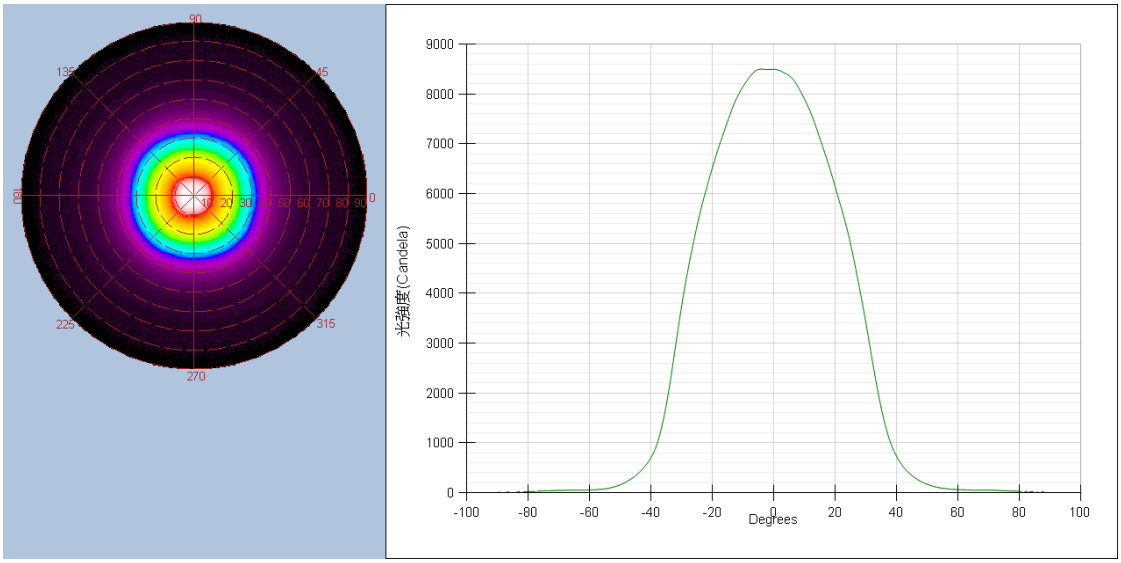
Height	E Avg.	E Max.	Diameter
1.0M	17893 Lx	23724 Lx	53.6 cm
3.0M	1933 Lx	2573 Lx	160.8 cm
5.0M	688 Lx	896 Lx	268.0 cm
8.0M	268 Lx	349 Lx	428.7 cm
10.0M	171 Lx	222 Lx	535.9 cm



◆ Luminous Intensity Distribution Diagram

GL-SP100/ CCT: 6000K/ Beam Angle: 60°





Angle= 57.0 Deg

Height	E Avg.	E Max.	Diameter
1.0M	6511 Lx	9138 Lx	108.6 cm
3.0M	699 Lx	973 Lx	325.8 cm
5.0M	250 Lx	345 Lx	543.0 cm
8.0M	97 Lx	133 Lx	868.8 cm
10.0M	62 Lx	86 Lx	1086 cm