

Stanley LED Lighting
LEDSFOCUS GOLD

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LEDSFOCUS
GOLD



LEDFOCUS GOLD

Achieving luminescent colors that highlight gold color

LEDFOCUS GOLD, created based on Stanley Electric's proprietary phosphor blending technology, create vivid, unique gold-colored light.

Compared to white floodlight, illuminating golden surfaces such as temples and Buddha statues with gold light can bring out the beautiful color even more. Furthermore, non-golden objects can be dyed gold with this floodlight.



LED floodlight with ultra-narrow light distribution ■ **LLF0111A** ■ **LLF0112A** ■ **LLF0113A**

Ultra-narrow light distribution 1/2 beam angle	Ultra-narrow light distribution at a minimum of 2.5° enables bright illumination of distant objects.
Light distribution control	Light distribution can be controlled in 1° increments between 2.5° and 10° for accurate illumination of the subject. In addition, a high output medium angle light distribution of 10 to 50° is available for various applications.
Beautiful light projection	Our unique LED / lens design technology can achieve beautiful and uniform projection lighting.
Heavy duty	The waterproof and dustproof structure of IP66 as well as the excellent heavy salt resistance specifications, provide maximum performance in harsh environments.
Wide variety of customization	Light distribution, light color, size, body color, and optional parts can be freely customized, making this product suitable for any scenario..



※ These photos are for illustrative purposes.



Image of white light floodlight



Image of LEDSFOCUS GOLD



Image of white light floodlight



Image of LEDSFOCUS GOLD

LED floodlight with ultra-narrow light distribution ■ **LLM0545A**

Ultra-narrow light distribution	Achieved a narrow-angle and oval light distribution whose 1/2 beam angle is 4° x 3°.
Thin and lightweight	Just 47 mm thick (light source) and weighing only 2.3 kg (bracket excluded), it can be installed anywhere.
Low power consumption	Power consumption is as low as 39.4 W.
Waterproof /dustproof	Available for outdoor usage (IP65).

Heat resistance	Vibration resistance 1G	Noise resistance	UV resistance	High waterproof IP65
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※ Photos are for illustrative purposes.



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Outdoor LED floodlight ■ **LLF0059A**

Heavy duty	We provide high quality and reliable LED floodlights which have passed harsh environmental endurance tests.
Automobile headlamp technology	Utilizing our technology of light distribution developed through designing automobile headlamps, we materialized a high distribution uniformity.
Energy efficient and eco-friendly	The higher efficiency enables energy savings and thus contributes to the reduction of greenhouse gases.

Vibration resistance 1G	Noise resistance	Heavy salt resistance	High waterproof IP66
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The Rama VIII Bridge

Bangkok, Thailand

The Rama VIII Bridge spans the Chao Phraya River, which runs through the center of Thailand's capital city of Bangkok. The bridge, with its asymmetrical sloped design, has become a Bangkok landmark. The pylon, cables, and monument are lit up in gold. 120 LLF0059A floodlights were used for the pylon and cables and 30 LLM0545A for the monument, bathing the entire bridge in an even gold light.



ADOPTED PRODUCT

Pylon/Cables:
LEDSFOCUS GOLD
LLF0059A x 120 units
Monument:
LEDSFOCUS GOLD
LLM0545A x 30 units



LEDSFOCUS GOLD
[LLF0059A] [P.12]



LEDSFOCUS GOLD
[LLM0545A] [P.11]



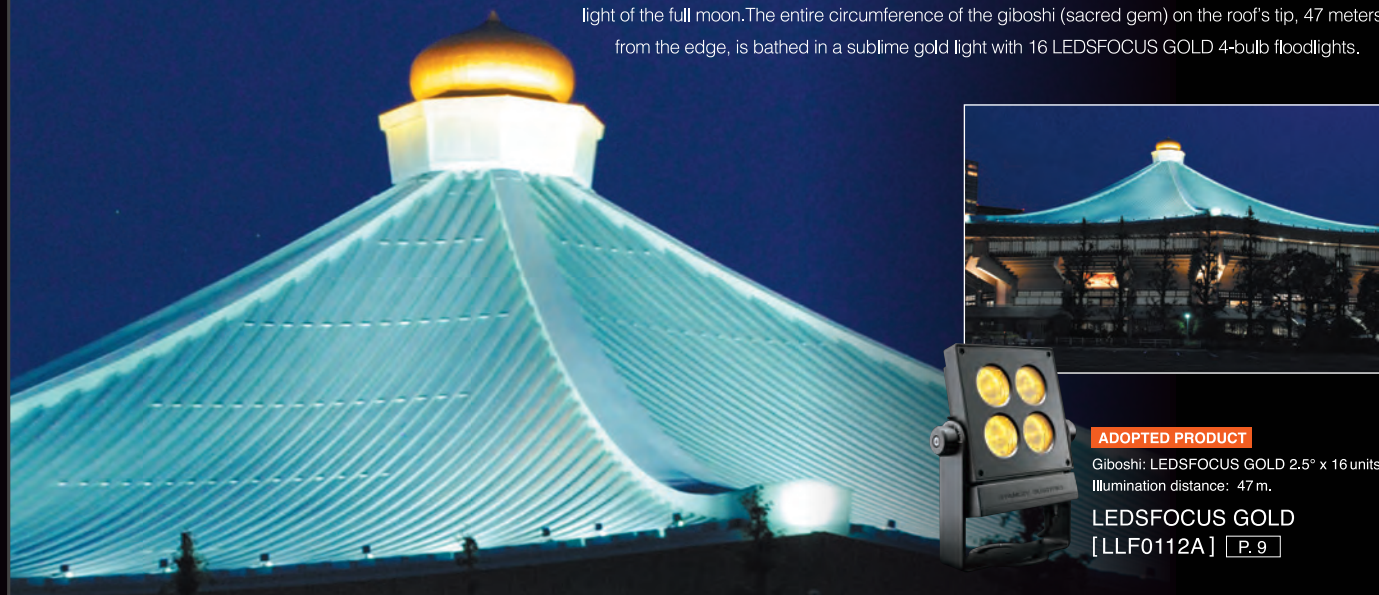
Latest high-end model

LEDSFOCUS GOLD
[LLF0111A] [P.8]

Nippon Budokan

Location: Chiyoda-ku, Tokyo
Client: Nippon Budokan Foundation
Lighting design: Motoko Ishii Lighting Design Inc.

Completed in 1964, Nippon Budokan is used for prestigious Japanese budo (martial arts) tournaments and other various events. The lighting design, the work of world-renowned lighting designer Motoko Ishii brings to life the concept of "the sacred peak of Mount Fuji bathed in the light of the full moon. MOTOKO ISHII LIGHTING DESIGN consulted with us about reducing the sizes of the floodlights and about the light distribution and other factors to realize their concept, and, after repeated prototyping and on-site trials, our products were adopted. The roof is illuminated with a total of 128 floodlights using four custom-built types based on Stanley's LEDSFOCUS PRO 4-lamp model, realizing the designer's image of the sacred peak of Mount Fuji basking in the light of the full moon. The entire circumference of the giboshi (sacred gem) on the roof's tip, 47 meters from the edge, is bathed in a sublime gold light with 16 LEDSFOCUS GOLD 4-bulb floodlights.



ADOPTED PRODUCT

Giboshi: LEDSFOCUS GOLD 2.5° x 16 units.
Illumination distance: 47 m.

LEDSFOCUS GOLD
[LLF0112A] [P.9]



That Luang

Location: Vientiane, Laos



ADOPTED PRODUCT

LEDSFOCUS GOLD
[LLM0545A] [P.11]



Latest high-end model

LEDSFOCUS GOLD
[LLF0111A] [P.8]



Yomiuri Land Jewellumination

Resonance of Gold and Birthstone

An annual event held from autumn to spring at Yomiuri Land, one of Japan's leading leisure facilities located in the hills of Tama in western Tokyo, Jewellumination is an event that adorns the sky with fantastical lighting and illumination. The illumination in gold and jewel tones, which can only be seen here, are produced by world-renowned lighting designer Motoko Ishii and captivate all who come to see them. For the Ferris Wheel, a combination of narrow-angle to medium-angle floodlights attached to a stand 25 meters away and to the left and right braces of the Ferris Wheel made it possible to light up the entire 58-meter diameter of the wheel evenly. The roof of the merry-go-round is illuminated in a fantastical way by floodlights installed at the park's entrance, 70 meters away. The fountain is located on the island inside the flowing pool. Floodlights installed pool-side 14 meters away turn the water of the fountain into a splendid gold.



Location: Inagi, Tokyo Producer: Motoko Ishii
Lighting design: Motoko Ishii Lighting Design Inc.



ADOPTED PRODUCT

Ferris Wheel: LEDSFOCUS GOLD 2.5° x 8 units
LEDSFOCUS GOLD 10° x 12 units
LEDSFOCUS GOLD 20° x 2 units
LEDSFOCUS GOLD 30° x 4 units
Merry-go-round: LEDSFOCUS GOLD 3° x 4 units, Illumination distance: 70 m.
Fountain: LEDSFOCUS GOLD 10° x 3 units, Illumination distance: 14 m.

Illumination distance: 9—56 m.



The scene of the 2021 light-up

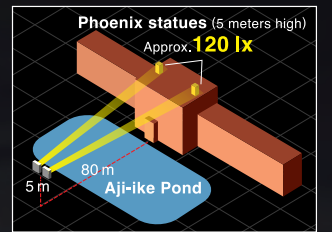


The Phoenix Statue and Amitabha Statue in Byodo-in Temple

Autumn 2018 Nighttime Special Entrance

Location: Uji, Kyoto Prefecture
Client: Byodo-in Temple

Our gold floodlights were used to light up the statue of Amitabha in the Phoenix Hall of World Heritage-listed national treasure Byodo-in Temple and the two phoenix figures on the hall's roof. The entire statue of the seated Amitabha was evenly illuminated with two types of LED spotlights with ultra-narrow light distribution trained on it from inside the hall, achieving an illuminance of 180 lx. For the phoenixes, ultra-narrow angle LED floodlights installed 80 meters away on the opposite bank of the pond allowed only the phoenix figures to be lit up with pinpoint precision, achieving a high illuminance of 120 lx.



ADOPTED PRODUCT

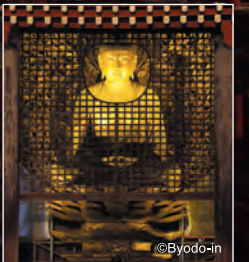
LEDSFOCUS GOLD
LLM0545A 4°x3° x 2 units

LEDSFOCUS GOLD
[LLM0545A] P.11



Latest high-end model

LEDSFOCUS GOLD
[LLF0111A] P.8



Nagoya Castle

Golden Tiger-Fish light up on the night of harvest moon

Location: Nagoya, Aichi Prefecture
Photograph: Akira Kuroda



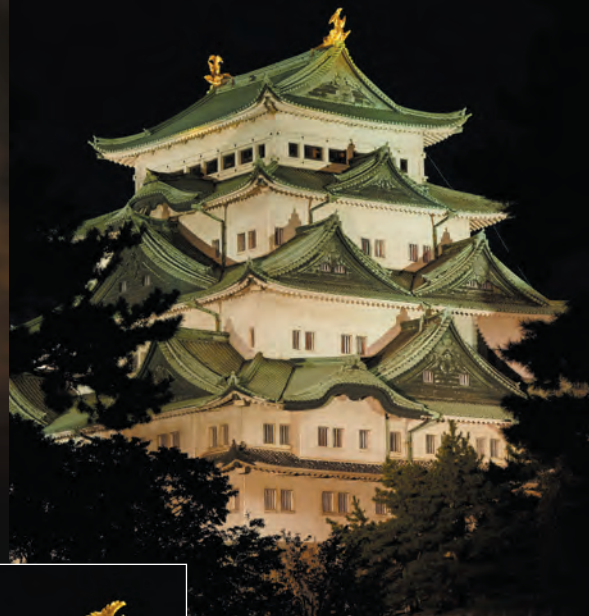
The Golden Tiger-Fish (Kinshachi), the symbol of Nagoya Castle, are lit up only on the night of the harvest moon. The pinpoint illumination on the Golden Tiger-Fish create a wonderful collaboration with the harvest moon.



ADOPTED PRODUCT

LEDSFOCUS GOLD 2.5° x 15 units

LEDSFOCUS GOLD
[LLF0111A] P.8



Zenkoji Temple

The 17th Nagano Tomyo Festival Special Lighting at the Main Temple Building

Location: Nagano, Nagano Prefecture
Organizer: Nagano Tomyo Lantern Festival
Organizing Committee
Co-organizer: Nagano Junior Chamber of Commerce
Lighting design: Motoko Ishii Lighting Design Inc.

A new Nagano Tomyo Lantern Festival began in 2004 to commemorate the holding of the Nagano Winter Olympics in 1998. The light-up of Zenkoji Temple, the symbol of the Lantern Festival, is the work of world-renowned lighting designer Motoko Ishii. For the special light-up of Zenkoji's main worship hall at the 17th Nagano Tomyo Lantern Festival, 31 LEDSFOCUS GOLD floodlights bathed the temple in gold light, adorning the winter night sky of Nagano.



ADOPTED PRODUCT

LEDSFOCUS GOLD
[LLM0545A] P.11



LEDSFOCUS GOLD
[LLF0112A] P.9



Latest high-end model

LEDSFOCUS GOLD
[LLF0111A] P.8



— LEDSFOCUS Lighting Case Study 8 —

Yokohama Marine Tower

As the symbol of "Illumine Yokohama" (a limited-time and fantastically lit illumination exhibition displayed at Yamashita Park in Yokohama), the 106-meter-high Marine Tower was lit up in the never-before-seen color of GOLD, attracting visitors to Yokohama during the Christmas season.



ADOPTED PRODUCT

LEDsFOCUS GOLD
LLM0545A 4"x3" x 28 units

LEDsFOCUS GOLD
[LLM0545A] [P.11]



Latest high-end model

LEDsFOCUS GOLD
[LLF0111A] [P.8]



Location: Yamashita Park, Naka-ku, Yokohama
Sponsor: Yamashita Koen Dori Kai
Co-sponsor: Creative Light Yokohama Executive Committee
Planning & Design: Motoko Ishii and Akari-Lisa Ishii
Design Supervisor: Motoko Ishii Lighting Design Inc.

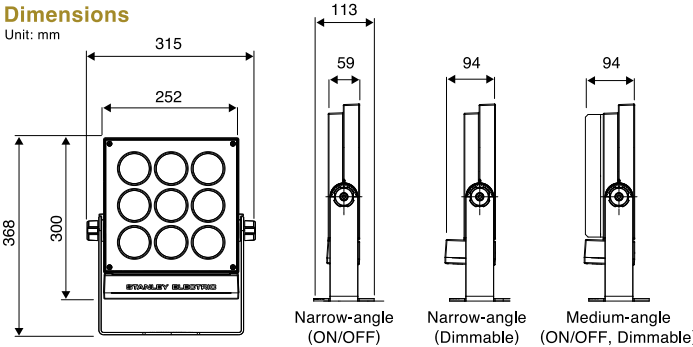


Specifiction

Body: Aluminum die casting
Front cover: Polycarbonate
Secondary lens: Acrylic
Ambient temperature: -25~50 °C
Waterproof and dustproof: IP66
Light source life: 50,000 hours(lumen maintenance factor 70%)
Power supply: Built in
Weight: Narrow-angle type (1.5~9°) 5.4 kg
[Dimmable type 5.6 kg]
Medium-angle type (10~50°) 6.4 kg
[Dimmable type 6.5 kg]

Dimensions

Unit: mm



Color

Charcoal grey
(Standard color)



Option

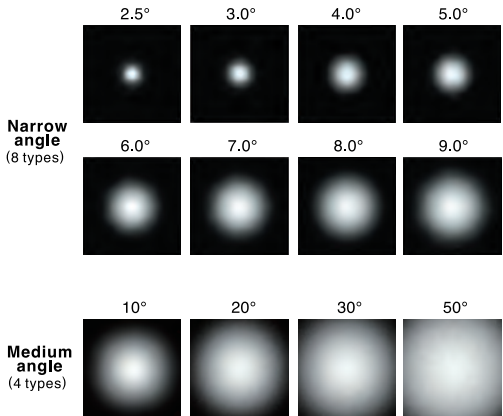


Spread lens



Louver

Beam angle



Nagoya Castle's Golden Statue: The Shachihoko

— LEDSFOCUS Lighting Case Study 9 —

Illuminated Sculptures and Waterways Along the Kanazawa-eki-dori Avenue

Location: Kanazawa, Ishikawa Prefecture
Host: Kanazawa City
Equipment Collaboration: Yamada Shomei Lighting Co., Ltd.
Lighting Design: Reiko Chikada Lighting Design Inc.

Kanazawa produces nearly 100% of all gold leaf in Japan, giving the city a very pervasive gold culture. As part of promoting the Ishikawa Hyakuman-goku Cultural Festival 2023, the sculptures and waterways along Kanazawa-eki-dori Avenue—beginning in front of Kanazawa Station and extending to Musashigatsuj/Omicho Market— have been illuminated in gold light. (This illumination exhibition will also continue after the end of the Ishikawa Hyakuman-goku Cultural Festival 2023).



ADOPTED PRODUCT

■ Yakantai Tentosuru.
LEDsFOCUS GOLD (with louver)
LLF0112A GOLD 10° x 1 units
LLF0112A GOLD 9° x 1 units
■ CORPUS MINOR#1
LEDsFOCUS GOLD (with louver)
LLF0112A GOLD 5° x 1 units
LLF0112A GOLD 20° x 2 units
LLF0113A GOLD 5° x 2 units
LLF0113A GOLD 10° x 1 units
LLF0113A GOLD 20° x 1 units

■ Illuminated Waterways
LEDsFOCUS GOLD
LLF0113A GOLD 5° x 37 units
■ FUGA
LEDsFOCUS GOLD (with louver)
LLF0112A GOLD 20° x 1 units
LLF0113A GOLD 5° x 2 units
■ The BREAKFAST
LEDsFOCUS GOLD (with louver)
LLF0112A GOLD 10° x 1 units
LLF0113A GOLD 2.5° x 2 units



LEDsFOCUS GOLD
[LLF0112A] [P.9]



LEDsFOCUS GOLD
[LLF0113A] [P.10]



"Yakantai Tentosuru" — Kanazawa Machinaka Sculpture



Illuminated Waterways



"Corpus Minor #1" — Kanazawa Machinaka Sculpture



"BREAKFAST" — Kanazawa Machinaka Sculpture

■ Narrow-angle type LLF0111A / LWWD035 / □□ / □ / □□

■ Medium-angle type LLF0111A / LWWD056 / □□ / □ / □□

Part No.	1/2 Beam angle	Center luminous intensity (cd)	Luminous flux (lm)	Rated power consumption(W)
YE/N/VN	2.5°	1,020,000	1,600	35.7
YE/N/03	3.0°	726,000	1,600	35.7
YE/N/04	4.0°	392,000	1,600	35.7
YE/N/05	5.0°	224,000	1,600	35.7
YE/N/06	6.0°	164,000	1,600	35.7
YE/N/07	7.0°	125,000	1,600	35.7
YE/N/08	8.0°	94,600	1,600	35.7
YE/N/09	9.0°	78,500	1,600	35.7
YE/N/10	10°	173,000	4,430	55.7
YE/N/20	20°	62,900	4,430	55.7
YE/N/30	30°	27,600	4,430	55.7
YE/N/50	50°	9,850	4,430	55.7

Dimmable Type					
Part No.	1/2 Beam angle	Center luminous intensity (cd)	Luminous flux (lm)	Rated power consumption(W)	
				DALI dimming	DMX dimming
YE/N/VN	2.5°	1,020,000	1,600	35.9	37.1
YE/N/03	3.0°	726,000	1,600	35.9	37.1
YE/N/04	4.0°	392,000	1,600	35.9	37.1
YE/N/05	5.0°	224,000	1,600	35.9	37.1
YE/N/06	6.0°	164,000	1,600	35.9	37.1
YE/N/07	7.0°	125,000	1,600	35.9	37.1
YE/N/08	8.0°	94,600	1,600	35.9	37.1
YE/N/09	9.0°	78,500	1,600	35.9	37.1
YE/N/10	10°	152,000	3,890	47.4	48.3
YE/N/20	20°	55,200	3,890	47.4	48.3
YE/N/30	30°	24,200	3,890	47.4	48.3
YE/N/50	50°	8,640	3,890	47.4	48.3

*Values in this catalog are for reference only and are not guaranteed.

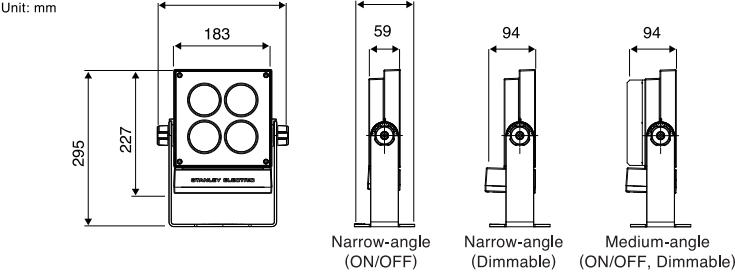
LEDFOCUS GOLD LLF0112A



Specification

Body: Aluminum die casting
Front cover: Polycarbonate
Secondary lens: Acrylic
Ambient temperature range of use: -20~50 °C (narrow angle)
-25~50 °C (medium angle)
Waterproof and dustproof: IP66
Light source life: 50,000 hours (lumen maintenance factor 70%)
Power supply: Built in
Weight: Narrow-angle type (1.5~9°) 3.5 kg
[Dimmable type 3.7 kg]
Medium-angle type (10~50°) 4.2 kg
[Dimmable type 4.3 kg]

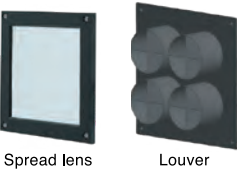
Dimensions



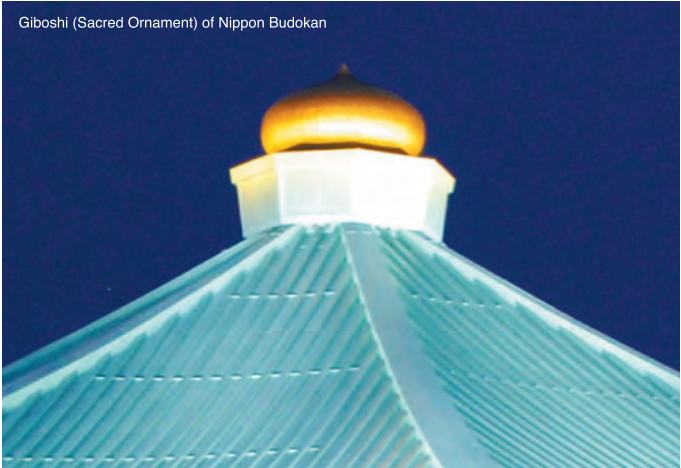
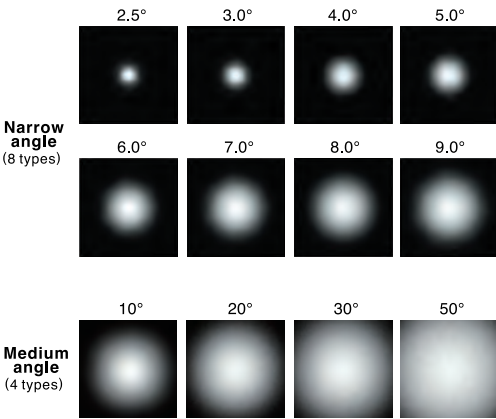
Color

Charcoal grey
(Standard color)

Option



Beam angle



■ Narrow-angle type LLF0112A / LWWD017 / □□ / □ / □□
■ Medium-angle type LLF0112A / LWWD028 / □□ / □ / □□

Part No.	1/2 Beam angle	Center luminous intensity (cd)	Luminous flux (lm)	Rated power consumption(W)
YE/N/VN	2.5°	455,000	710	16.9
YE/N/03	3.0°	310,000	710	16.9
YE/N/04	4.0°	161,000	710	16.9
YE/N/05	5.0°	90,800	710	16.9
YE/N/06	6.0°	66,400	710	16.9
YE/N/07	7.0°	50,500	710	16.9
YE/N/08	8.0°	37,900	710	16.9
YE/N/09	9.0°	31,400	710	16.9
YE/N/10	10°	84,200	2,160	28.3
YE/N/20	20°	30,900	2,160	28.3
YE/N/30	30°	13,400	2,160	28.3
YE/N/50	50°	4,820	2,160	28.3

Dimmable Type						
Part No.	1/2 Beam angle	Center luminous intensity (cd)	Luminous flux (lm)	Rated power consumption(W)		
YE/N/VN	2.5°	455,000	710	DALI dimming	DMX dimming	17.8
YE/N/03	3.0°	310,000	710			17.8
YE/N/04	4.0°	161,000	710			17.8
YE/N/05	5.0°	90,800	710			17.8
YE/N/06	6.0°	66,400	710			17.8
YE/N/07	7.0°	50,500	710			17.8
YE/N/08	8.0°	37,900	710			17.8
YE/N/09	9.0°	31,400	710			17.8
YE/N/10	10°	84,200	2,160			29.8
YE/N/20	20°	30,900	2,160			29.8
YE/N/30	30°	13,400	2,160			29.8
YE/N/50	50°	4,820	2,160			29.8

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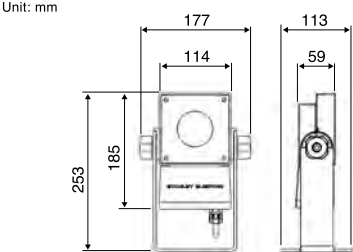
LEDFOCUS GOLD LLF0113A



Specification

Body: Aluminum die casting
Front cover: Polycarbonate
Secondary lens: Acrylic
Ambient temperature: -25~50 °C
Waterproof and dustproof: IP66
Light source life: 50,000 hours (lumen maintenance factor 70%)
Power supply: Built in
Weight: 2.5 kg

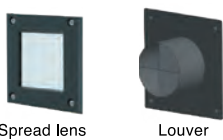
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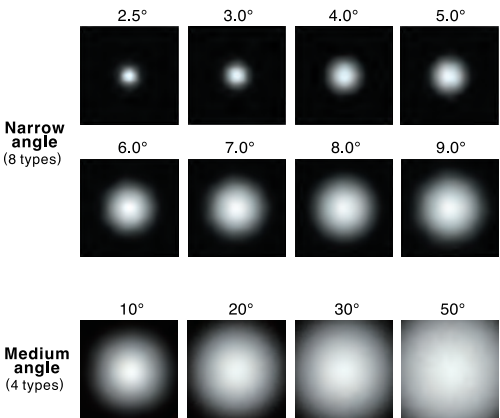
Color

Charcoal grey
(Standard color)

Option



Beam angle



■ Narrow-angle type LLF0113A / SWWD007 / □□ / □ / □□
■ Medium-angle type LLF0113A / SWWD010 / □□ / □ / □□

Part No.	1/2 Beam angle	Center luminous intensity (cd)	Luminous flux (lm)	Rated power consumption (W)
YE/N/VN	2.5°	79,300	129	7.10
YE/N/03	3.0°	53,300	129	7.10
YE/N/04	4.0°	27,100	129	7.10
YE/N/05	5.0°	15,200	129	7.10
YE/N/06	6.0°	11,100	129	7.10
YE/N/07	7.0°	8,440	129	7.10
YE/N/08	8.0°	6,220	129	7.10
YE/N/09	9.0°	5,310	129	7.10
YE/N/10	10°	17,300	480	9.80
YE/N/20	20°	6,230	480	9.80
YE/N/30	30°	2,710	480	9.80
YE/N/50	50°	964	480	9.80

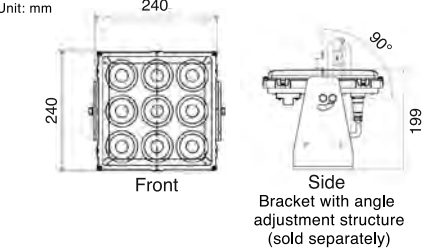
*Values in this catalog are for reference only and are not guaranteed.



Specifiction

Center luminous intensity: 667,000 cd
Luminous flux: 3,300 lm
1/2 beam angle: 4x3°
Body: Aluminum die casting
Outer lens: Polycarbonate
Bracket (sold separately): stainless steel
Rated power consumption (exd. power source): 39.4 W
Maximum power consumption (excl. power source): 45.7 W
Ambient temperature: -30–50 °C
Waterproof and dustproof: IP65
light source lifetime: 40,000 hours (lumen maintenance factor 70%)
Power supply: Placed separately (sold separately)
Weight: 2.3 kg
Optional parts: Power source, bracket,10 m cable

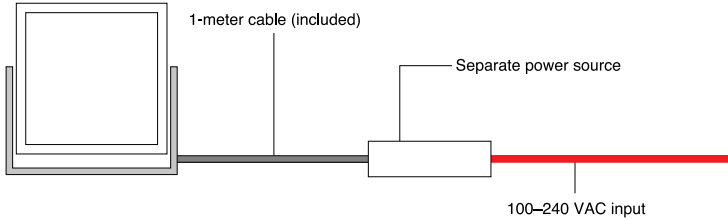
Dimensions



Beam angle 4x3°



Wiring of the Power Source

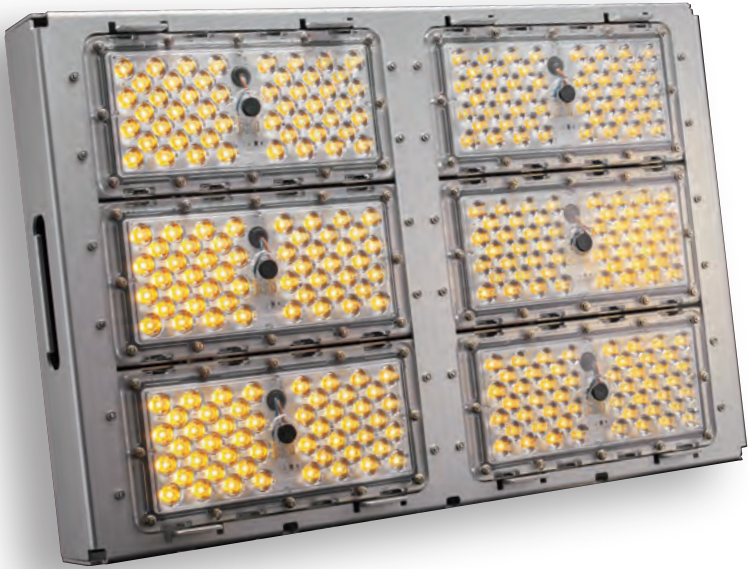


Illumination range

Beam Angle 4x3° [LLM0545A_UB: Gold]

D (m)	Φ (m)	Center Beam Illuminance (lx)
30	6	481
50	7.1	174
100	11.2	43
500	—	1.7
1000	—	0.4

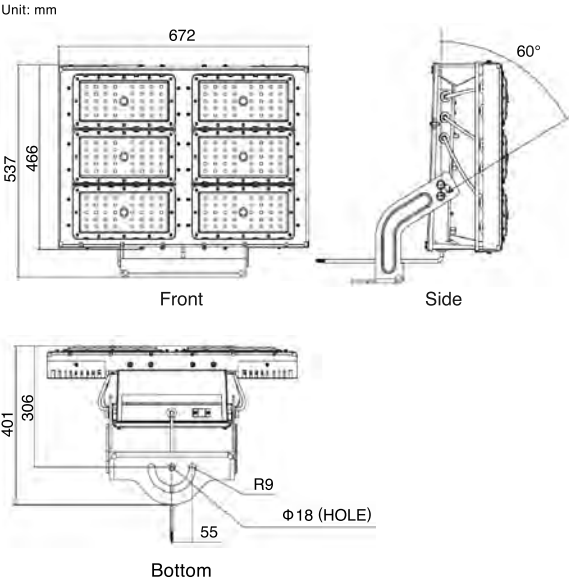
The Phoenix and Amitabha Statue in Byodo-in Temple
(Location: Uji, Kyoto Prefecture)



Specifiction

Equipment flux (at 220 V): 32,940 lm
Body: Aluminum sheet, Aluminum die casting
Power consumption: 425W (at 220 V)
Input voltage: AC 90–305 V
Lightning surge protection: 15 kV (Common mode)
Light distribution angle: 1/10 Beam angle
Narrow angle 26° / Medium angle 50° / Wide angle 100°
Ambient temperature: -20–40 °C
Weight: 18.8 kg
Waterproof and dustproof: IP66
light source lifetime: 60,000 hours (lumen maintenance factor 70%)
Wind resistance: 70 m/s

Dimensions



Narrow angle variations



Rama VIII Bridge (Bangkok, Thailand)



LED

SFOCUS

GOLD



■ LED foodlight (ultra narrow angle–medium angle light distribution) ■ LLF0111A ■ LLF0112A ■ LLF0113A

Description of part No. LLF

a

b

c

d

e

f

g

h

i

j

k

 A /

a

b

c

d

e

f

g

h

i

j

k

 / YE / N /

a

b

 / S / BK /

a

 / C /

a

b

 / 1



LLF0111A

● Narrow angle type

a , b	Main type	LLF0111A / LWWD035, LLF0112A / MWWD017, LLF0113A / SWWD007
c , d	Color of light source	22/X: 2200K, 27/X: 2700K, 30/X: 3000K, 40/X: 4000K, 50/X: 5000K, 57/X: 5700K, 65/X: 6500K, RE/N: Red, GR/N:Green, BL/N: Blue, YE/N: Gold
e	Light distribution angle	XN: Extra Narrow 1.5°, VN: Very Narrow 2.5°, 03 : 3°, 04 : 4°, 05 : 5°, 06 : 6°, 07 : 7°, 08 : 8°, 09 : 9°
f	Installation type	S: Standard installation
g	Body color	BK: Charcoal gray
h	Control	S: On/Off control, C: DALI dimmable [Curve: Log], F: DALI dimmable [Curve: Linear], D: DMX dimmable [Curve: Log], G: DMX dimmable [Curve: Linear] (LLF0113A On/Off only)
i	Coating	C: Heavy salt resistance
j	Standards	CE: CE/PSE (Blue conform only CE standard.), TS : TIS
k	Version No.	1: Version 1



LLF0112A

● Medium angle type

a , b	Main type	LLF0111A / LWWD056, LLF0112A / MWWD028, LLF0113A / SWWD010
c , d	Color of light source	22/X: 2200K, 27/X: 2700K, 30/X: 3000K, 40/X: 4000K, 50/X: 5000K, 57/X: 5700K, 65/X: 6500K, YE/N: Gold
e	Light distribution angle	10 : 10° , 20 : 20° , 30 : 30° , 50 : 50°
f	Installation type	S: Standard installation
g	Body color	BK: Charcoal gray
h	Control	S: On/Off control, C: DALI dimmable [Curve: Log], F: DALI dimmable [Curve: Linear], D: DMX dimmable [Curve: Log], G: DMX dimmable [Curve: Linear] (LLF0113A On/Off only)
i	Coating	C: Heavy salt resistance
j	Standards	CE: CE/PSE (2200K conform only PSE standard.), TS : TIS
k	Version No.	1: Version 1



LLF0113A

● オプション LLF0111A/SAFETY WIRE 落下防止ワイヤー

■ LED floodlight with ultra-narrow light distribution ■ LLM0545A

Part No.		1/2 beam angle	Color	UL	CE	PSE
	LLM0545A	LLM0545A_UB / FLOODLIGHT40	4×3° (ellipse)	Gold	—	○
	● Option	LLM0545A / BRACKET2 Bracket	—	—	—	—
		LLP0028A / MU040A070AQ (IP67) Power supply	—	—	—	—
		LLM0545A-UZ / CABLE1 Cable 10 m	—	—	—	—

■ Outdoor LED floodlight ■ LLF0059A

Part No.		1/10 beam angle	Color	UL	CE	PSE
	LLF0059A	LLF0059A / 1492 / 06 / O / I / U / O	Wide angle 100°	Gold	—	○
	LLF0059A	LLF0059A / 1493 / 06 / O / I / U / O	Medium angle 50°	Gold	—	○
	LLF0059A	LLF0059A / 1494 / 06 / O / I / U / O	Narrow angle 26°	Gold	—	○

●UL, CE, PSE, TIS: We update the evaluation contents of our products as necessary in accordance with revisions to compatible standards and technical standards. Depending on the situation, evaluations may not have been completed in accordance with the latest compatible standards or technical standards.
*Some of the circles (○)'s in CE and PSE show on-going plans.

Precautions for Use

⚠ WARNING

Failure to observe the instructions can result in death or serious injury.

- When conducting maintenance of the product, follow the instruction manual. Failure to do so can result in the product falling, electric shock, or fire.
- When conducting maintenance of the product, be sure to turn off the power. Failure to do so can result in electric shock.
- Do not repair, dismantle, or modify the product on your own. Doing so can result in the product falling, electric shock, or fire.
- The light source uses LED of high brightness. Do not look directly at the light source part.

⚡ CAUTION: ELECTRIC SHOCK

Replacement of the lighting fixture's light

source or power source should be conducted only by the manufacturer, agent(s) on behalf of the manufacturer, or personnel with equivalent qualification.

⚠ CAUTION

Failure to observe the instructions can result in risk of injury.

- Lighting fixtures work only within a certain lifetime.
- When conducting maintenance of the product, be sure to turn off the power and to wait until it cools down enough. Failure to do so can result in burns.
- High temperatures shorten the product's life.
- In case of any sign of abnormality, turn off the power immediately and contact the distributor even if it is within the lifetime. Use under abnormal conditions may result in fire or electric shock.
- Do not turn on the light during the daytime, unless it is a temporary lighting check during installation (outdoor use). Exposure to direct sunlight causes the lighting fixture to heat up, therefore turning it on will increase its inner temperature.
- In case of use in snowy areas, remove snow so that the lighting fixture does not get buried in snow (outdoor use).
- Cleaning the lenses once per year is recommended because the light may loose intensity when they are dirty. Brightness will be regained if stains are wiped off.
- For safety reasons, conduct a self check at least once a year.
- Have the product inspected at least every three years by a specialist such as an electrician or installer etc. (When more than three years has passed, inspection needs to be done thoroughly. Use under abnormal conditions may result in smoke, ignition, electric shock, or the product falling)
- Please note that LED dies have a natural tolerance in specification, therefore light color or brightness may vary even within lighting equipment of the same model number.

Maintenance

- Be sure to turn off the power switch before conducting maintenance of the fixture. The fixture remains hot shortly after it is turned off, so please wait some time (20-30 minutes) before conducting maintenance.
- When cleaning the outer surface of the fixture or the cover, wipe with a soft cloth that has been soaked in water or neutral soap suds and wrung well.
- Do not wipe with volatile products such as thinner or benzene or with acidic or alkaline solutions. Doing so may cause discoloration or deformation.
- Do not pour water over the fixture directly, for example, with a hose. Do not use a mop or deck brush for cleaning. It may cause inundation into the fixture or damage to the fixture.

Warranty

Please conduct an incoming inspection at your company promptly after delivery and make a quality judgement. In case there is no issue brought up, it will be considered that a quality check has been conducted and the product has passed the incoming inspection.

- Please refer to the warranty card for the product's warranty period. The warranty covers solely the product delivery. Please do not claim other costs such as work wages for replacement operation or damage compensation.

- The warranty is not valid if the cause of damage is any of the following:

- ① Lack of care in use or mishandling.
- ② Repair done by the user or modification(s).
- ③ Use under unreasonable operating environment or conditions.
- ④ Natural disaster (fire, earthquake, typhoon) etc.
- ⑤ Condensation that occurred due to deviation from service temperature or storage temperature conditions described in the specifications.
- ⑥ Electrical stress such as excessive voltage surge including lightning strikes.

- In case the cause of damage cannot be determined, a consultation between both companies will be held.

- The intended use of the product s as a light source for lighting. We do not bear any responsibility for any damage incurred from usage other than the intended use.

Request for Exchange

- During the warranty period, please notify the distributor (construction store) of your purchase with an attachment that specifies the delivery date.
- After the warranty period, please consult with the distributor (construction store) of your purchase. A paid exchange is available upon request.
- For inquiries regarding after-sales service or for consultation about an exchange, please contact the shop (construction store) of your purchase or our assistance service below. Please be sure to specify the fixture name and the time of purchase.

Assistance Service

- For inquiries, please confirm the type of fixture indicated on the fixture's nameplate and contact us.
- Our contact information such as phone number is subject to change. Please confirm them on our website.

• Please note that appearance and specifications may be changed as part of improvements.
• Please note that, by nature of printed matter, the color of products shown here may differ slightly from the actual products.