

LED Floodlight

LEDioc Floodlight Class 60

ECF0698D(N,W,LW,L)/SAN8/DG(W)  
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Example of Construction (Image)

- Capable of delivering brightness equivalent to a 150W metal halide lamp (5000K/Ra70 type)
- Proprietary light distribution control technology allows for four types of luminous intensity distribution: narrow, medium, wide and super wide beam
- Lineup : 6500K, 5000K, 4000K, 3000K, 2700K
- High Colour Rendering (Ra80) version allows for vivid illumination of objects
- A highly efficient (141lm/W) version is also available in 5000K (super wide beam / Ra70)
- "Any Position" structure allows for various mounting directions and installation
- Quickly reaches full brightness
- Long life : 60,000 hours
- Utilizes highly efficient/high-powered COB-type LED package

Offering top-class energy saving performance, this series has been created through a careful combination of lens and mirror technology, and efficient usage of electrical power. With COB (Chip on board) type lighting, large numbers of LED devices are mounted directly onto substrate. With light therefore being emitted from a single, uniform surface, an even and natural level of brightness can be achieved.



Product Series

| Model Number         | Consumption | CCT   | CRI | Luminous Flux | Beam Angle      | Luminous Efficacy |
|----------------------|-------------|-------|-----|---------------|-----------------|-------------------|
| ECF0698D/SAN8/DG(W)  | 60W         | 6500K | 70  | 7600 lm       | Narrow beam     | 126.6 lm/W        |
| ECF0698N/SAN8/DG(W)  | 60W         | 5000K | 70  | 8000 lm       | Narrow beam     | 133.3 lm/W        |
| ECF0698W/SAN8/DG(W)  | 60W         | 4000K | 80  | 7240 lm       | Narrow beam     | 120.6 lm/W        |
| ECF0698LW/SAN8/DG(W) | 60W         | 3000K | 80  | 6850 lm       | Narrow beam     | 114.1 lm/W        |
| ECF0698L/SAN8/DG(W)  | 60W         | 2700K | 80  | 6560 lm       | Narrow beam     | 109.3 lm/W        |
| ECF0697D/SAN8/DG(W)  | 60W         | 6500K | 70  | 7600 lm       | Medium beam     | 126.6 lm/W        |
| ECF0697N/SAN8/DG(W)  | 60W         | 5000K | 70  | 8000 lm       | Medium beam     | 133.3 lm/W        |
| ECF0697W/SAN8/DG(W)  | 60W         | 4000K | 80  | 7240 lm       | Medium beam     | 120.6 lm/W        |
| ECF0697LW/SAN8/DG(W) | 60W         | 3000K | 80  | 6850 lm       | Medium beam     | 114.1 lm/W        |
| ECF0697L/SAN8/DG(W)  | 60W         | 2700K | 80  | 6560 lm       | Medium beam     | 109.3 lm/W        |
| ECF0696D/SAN8/DG(W)  | 60W         | 6500K | 70  | 7600 lm       | Wide beam       | 126.6 lm/W        |
| ECF0696N/SAN8/DG(W)  | 60W         | 5000K | 70  | 8000 lm       | Wide beam       | 133.3lm/W         |
| ECF0696W/SAN8/DG(W)  | 60W         | 4000K | 80  | 7240 lm       | Wide beam       | 120.6 lm/W        |
| ECF0696LW/SAN8/DG(W) | 60W         | 3000K | 80  | 6850 lm       | Wide beam       | 114.1 lm/W        |
| ECF0696L/SAN8/DG(W)  | 60W         | 2700K | 80  | 6560 lm       | Wide beam       | 109.3 lm/W        |
| ECF0695D/SAN8/DG(W)  | 63W ※       | 6500K | 70  | 8450 lm       | Super Wide beam | 134.1 lm/W ※      |
| ECF0695N/SAN8/DG(W)  | 63W         | 5000K | 70  | 8900 lm       | Super Wide beam | 141.2 lm/W        |
| ECF0695W/SAN8/DG(W)  | 63W         | 4000K | 80  | 7880 lm       | Super Wide beam | 125.0 lm/W        |
| ECF0695LW/SAN8/DG(W) | 63W         | 3000K | 80  | 7450 lm       | Super Wide beam | 118.2 lm/W        |
| ECF0695L/SAN8/DG(W)  | 63W         | 2700K | 80  | 7160 lm       | Super Wide beam | 113.6 lm/W        |

※ The value of super wide beam is when voltage is 200/242V.

Specifications

- Operation Temperature Range : -20~+35°C
- IP Code : IP65

Optical

- Beam Angle : Narrow/ Medium/ Wide/ Super Wide beam
- 1/10 Beam Angle : 72° / 78° / 80° × 104° / 130° × 148°
- Color Rendering Index : 70 or 80
- Rated Luminous Flux : 6560 - 8900 lm
- Luminous Efficacy : 109.3 – 141.2 lm/W
- Lumen Maintenance (L80) : 60,000 hours at 35°C

Electrical

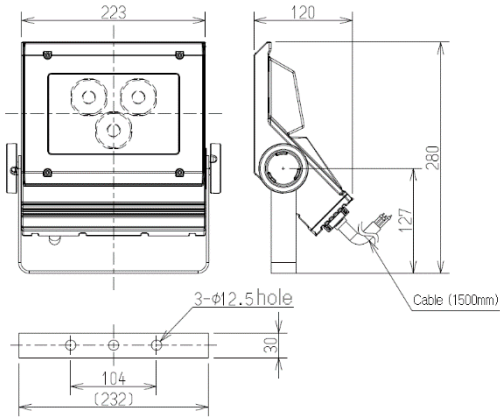
- Built-in Power Supply
- Input Voltage : 100/200-242V
- Line Frequency : 50/60Hz
- Power Consumption : 60W or 63W

Mechanical

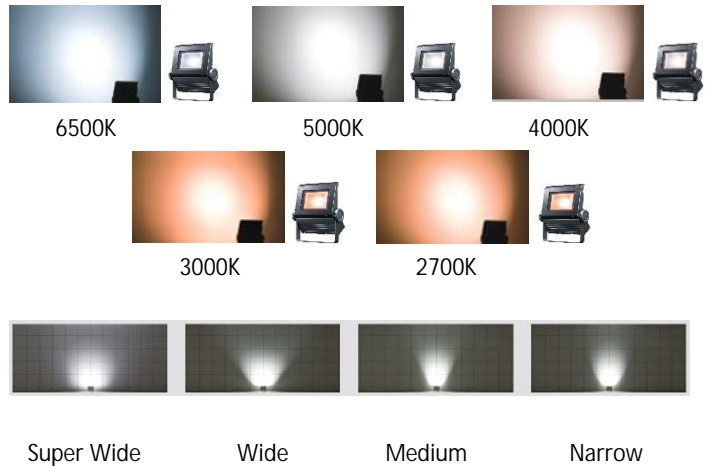
- Body(except front part) : Diecast aluminum
- Front Cover : Tempered glass
- Finish Color : Dark grey or White

**Physical**

- Dimensions : W223×H280×D120mm
- Weight : 3.5kg

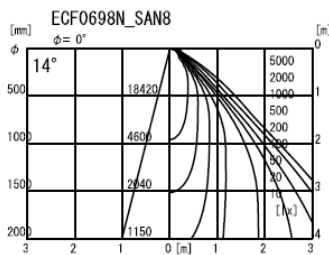


**Lighting Image**



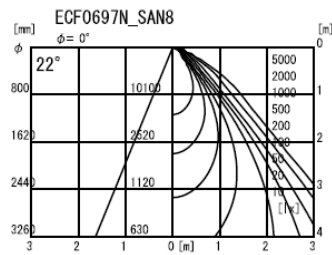
**Photometric**

ECF0698N/SAN8/DG(W)  
CCT : 5000K , CRI : 70  
Beam Angle : **Narrow**



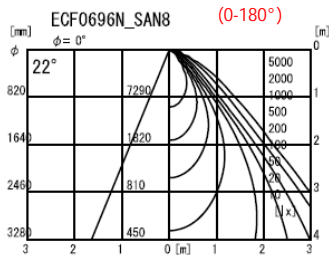
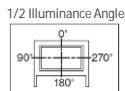
\*The angle is 1/2 illuminance angle , not beam angle.

ECF0697N/SAN8/DG(W)  
CCT : 5000K , CRI : 70  
Beam Angle : **Medium**

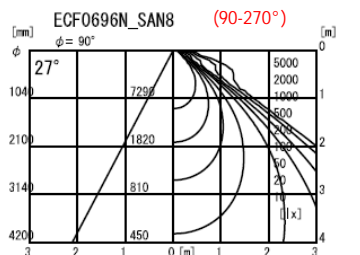


\*The angle is 1/2 illuminance angle , not beam angle.

ECF0696N/SAN8/DG(W)  
CCT : 5000K , CRI : 70  
Beam Angle : **Wide**

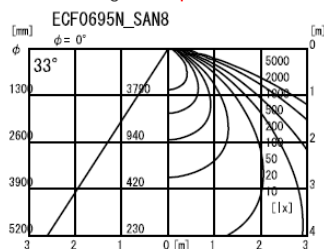


\*The angle is 1/2 illuminance angle , not beam angle.



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ECF0695N/SAN8/DG(W)  
CCT : 5000K , CRI : 70  
Beam Angle : **Super Wide**



\*The angle is 1/2 illuminance angle , not beam angle.