

LED Floodlight

LEDioc Floodlight Class 90

ECF0998D(N,W,LW,L)/SAN8/DG(W)
ECF0997D(N,W,LW,L)/SAN8/DG(W)
ECF0996D(N,W,LW,L)/SAN8/DG(W)
ECF0995D(N,W,LW,L)/SAN8/DG(W)



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 (143lm/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 |
|----------------------|-------------|-------|-----|---------------|-----------------|-------------------|
| ECF0998D/SAN8/DG(W) | 88W | 6500K | 70 | 11400 lm | Narrow beam | 129.5 lm/W |
| ECF0998N/SAN8/DG(W) | 88W | 5000K | 70 | 12000 lm | Narrow beam | 136.3 lm/W |
| ECF0998W/SAN8/DG(W) | 88W | 4000K | 80 | 10860 lm | Narrow beam | 123.4 lm/W |
| ECF0998LW/SAN8/DG(W) | 88W | 3000K | 80 | 10280 lm | Narrow beam | 116.8 lm/W |
| ECF0998L/SAN8/DG(W) | 88W | 2700K | 80 | 9850 lm | Narrow beam | 111.9 lm/W |
| ECF0997D/SAN8/DG(W) | 88W | 6500K | 70 | 11400 lm | Medium beam | 129.5 lm/W |
| ECF0997N/SAN8/DG(W) | 88W | 5000K | 70 | 12000 lm | Medium beam | 136.3 lm/W |
| ECF0997W/SAN8/DG(W) | 88W | 4000K | 80 | 10860 lm | Medium beam | 123.4 lm/W |
| ECF0997LW/SAN8/DG(W) | 88W | 3000K | 80 | 10280 lm | Medium beam | 116.8 lm/W |
| ECF0997L/SAN8/DG(W) | 88W | 2700K | 80 | 9850 lm | Medium beam | 111.9 lm/W |
| ECF0996D/SAN8/DG(W) | 88W | 6500K | 70 | 11400 lm | Wide beam | 129.5 lm/W |
| ECF0996N/SAN8/DG(W) | 88W | 5000K | 70 | 12000 lm | Wide beam | 136.3 lm/W |
| ECF0996W/SAN8/DG(W) | 88W | 4000K | 80 | 10860 lm | Wide beam | 123.4 lm/W |
| ECF0996LW/SAN8/DG(W) | 88W | 3000K | 80 | 10280 lm | Wide beam | 116.8 lm/W |
| ECF0996L/SAN8/DG(W) | 88W | 2700K | 80 | 9850 lm | Wide beam | 111.9 lm/W |
| ECF0995D/SAN8/DG(W) | 93W ※ | 6500K | 70 | 12600 lm | Super Wide beam | 135.4 lm/W ※ |
| ECF0995N/SAN8/DG(W) | 93W | 5000K | 70 | 13300 lm | Super Wide beam | 143.0 lm/W |
| ECF0995W/SAN8/DG(W) | 93W | 4000K | 80 | 11780 lm | Super Wide beam | 126.6 lm/W |
| ECF0995LW/SAN8/DG(W) | 93W | 3000K | 80 | 11140 lm | Super Wide beam | 119.7 lm/W |
| ECF0995L/SAN8/DG(W) | 93W | 2700K | 80 | 10700 lm | Super Wide beam | 115.0 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 : 9850 - 13300 lm
- Luminous Efficacy : 111.9 – 143.0 lm/W
- Lumen Maintenance (L80) : 60,000 hours at 35°C

Electrical

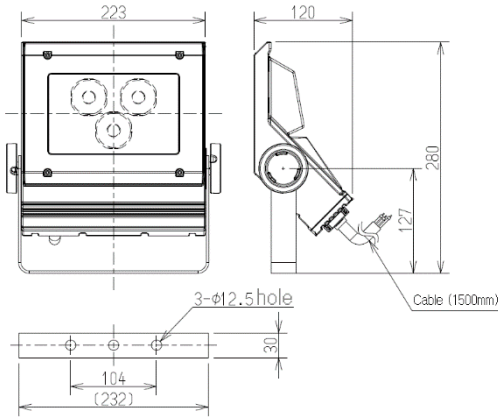
- Built-in Power Supply
- Input Voltage : 100/200-242V
- Line Frequency : 50/60Hz
- Power Consumption : 88W or 93W

Mechanical

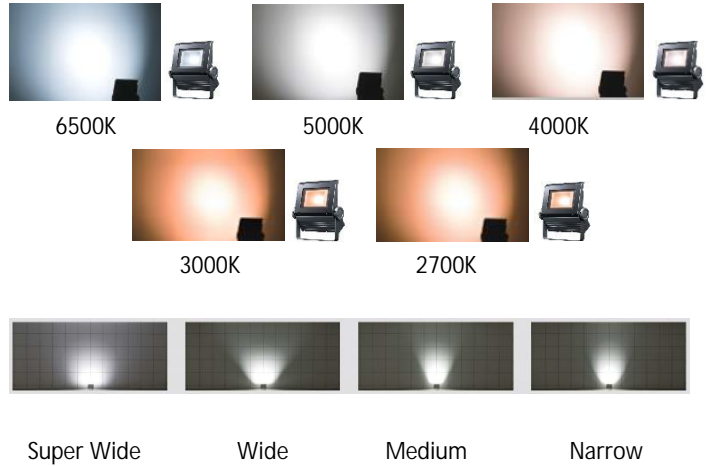
- Body(except front part) : Diecast aluminum
- Front Cover : Tempered glass
- Finish Color : Dark grey or White

Physical

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

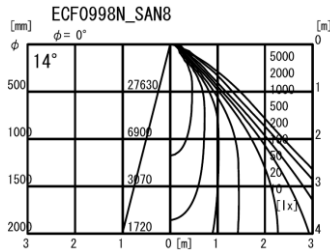


Lighting Image



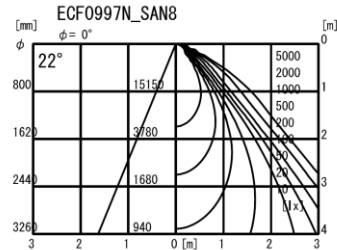
Photometric

ECF0998N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : **Narrow**



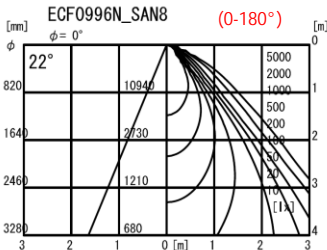
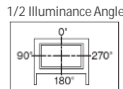
*The angle is 1/2 illuminance angle , not beam angle.

ECF0997N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : **Medium**

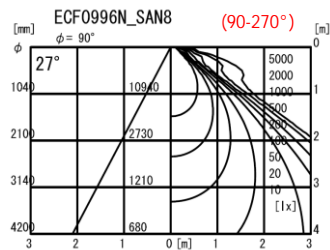


*The angle is 1/2 illuminance angle , not beam angle.

ECF0996N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : **Wide**

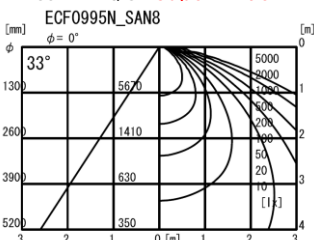


*The angle is 1/2 illuminance angle , not beam angle.



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ECF0995N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : **Super Wide**



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