IWASAKI

September 26th, 2017
data update

LED Floodlight

LEDioc Floodlight Class 70

ECF0798D(N,W,LW,L)/SAN8/DG(W)
ECF0797D(N,W,LW,L)/SAN8/DG(W)
ECF0796D(N,W,LW,L)/SAN8/DG(W)
ECF0795D(N,W,LW,L)/SAN8/DG(W)


Narrow


Medium


Wide


Super Wide

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 (145.8lm/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
ECF0798D/SAN8/DG(W)	69W	6500K	70	9020 lm	Narrow beam	130.7 lm/W
ECF0798N/SAN8/DG(W)	69W	5000K	70	9500 lm	Narrow beam	137.6 lm/W
ECF0798W/SAN8/DG(W)	69W	4000K	80	8590 lm	Narrow beam	124.4 lm/W
ECF0798LW/SAN8/DG(W)	69W	3000K	80	8140 lm	Narrow beam	117.9 lm/W
ECF0798L/SAN8/DG(W)	69W	2700K	80	7790 lm	Narrow beam	112.8 lm/W
ECF0797D/SAN8/DG(W)	69W	6500K	70	9020 lm	Medium beam	130.7 lm/W
ECF0797N/SAN8/DG(W)	69W	5000K	70	9500 lm	Medium beam	137.6 lm/W
ECF0797W/SAN8/DG(W)	69W	4000K	80	8590 lm	Medium beam	124.4 lm/W
ECF0797LW/SAN8/DG(W)	69W	3000K	80	8140 lm	Medium beam	117.9 lm/W
ECF0797L/SAN8/DG(W)	69W	2700K	80	7790 lm	Medium beam	112.8 lm/W
ECF0796D/SAN8/DG(W)	69W	6500K	70	9020 lm	Wide beam	130.7 lm/W
ECF0796N/SAN8/DG(W)	69W	5000K	70	9500 lm	Wide beam	137.6 lm/W
ECF0796W/SAN8/DG(W)	69W	4000K	80	8590 lm	Wide beam	124.4 lm/W
ECF0796LW/SAN8/DG(W)	69W	3000K	80	8140 lm	Wide beam	117.9 lm/W
ECF0796L/SAN8/DG(W)	69W	2700K	80	7790 lm	Wide beam	112.8 lm/W
ECF0795D/SAN8/DG(W)	72W ※	6500K	70	9970 lm	Super Wide beam	138.4 lm/W ※
ECF0795N/SAN8/DG(W)	72W	5000K	70	10500 lm	Super Wide beam	145.8 lm/W
ECF0795W/SAN8/DG(W)	72W	4000K	80	9300 lm	Super Wide beam	129.1 lm/W
ECF0795LW/SAN8/DG(W)	72W	3000K	80	8790 lm	Super Wide beam	122.0 lm/W
ECF0795L/SAN8/DG(W)	72W	2700K	80	8450 lm	Super Wide beam	117.3 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 : 7790 - 10500 lm
- Luminous Efficacy : 112.8 – 145.8 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 : 69W or 72W

Mechanical

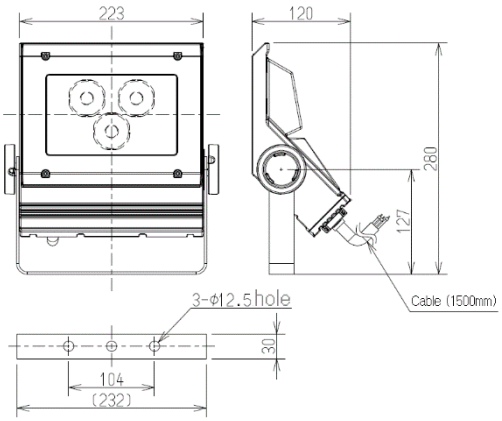
- Body(except front part) : Diecast aluminum
- Front Cover : Tempered glass
- Finish Color : Dark grey or White

IP65

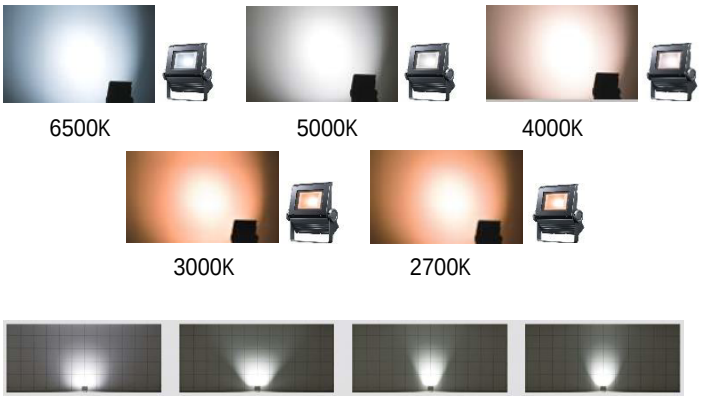
September 26th, 2017
data update

Physical

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



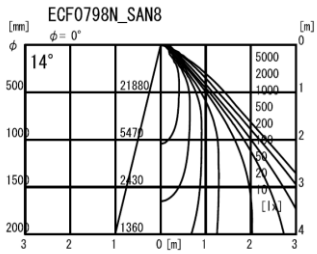
Lighting Image



Super Wide　Wide　Medium　Narrow

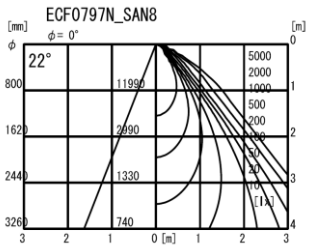
Photometric

ECF0798N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : Narrow



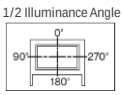
*The angle is 1/2 illuminance angle , not beam angle.

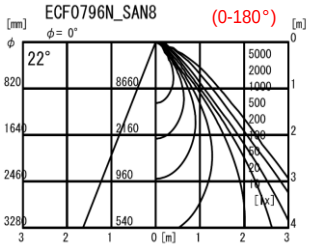
ECF0797N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : Medium



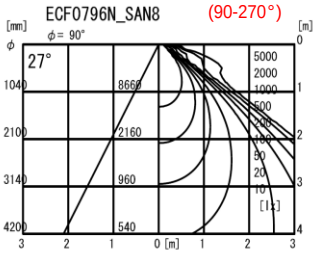
*The angle is 1/2 illuminance angle , not beam angle.

ECF0796N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : Wide



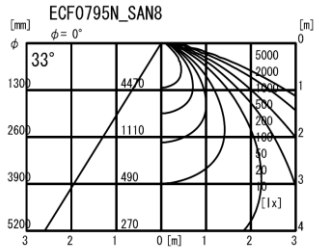


*The angle is 1/2 illuminance angle , not beam angle.



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

ECF0795N/SAN8/DG(W)
CCT : 5000K , CRI : 70
Beam Angle : Super Wide



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

IP65