June 1st, 2021
data subject to change

LED Flood Light

LEDioc Floodlight Class 80

ECF8040N/D(N,W,L,NH)SAN8/DG(W)
ECF8040M/D(N,W,L,NH)SAN8/DG(W)
ECF8040W/D(N,W,L,NH)SAN8/DG(W)
ECF8040SW/D(N,W,L,NH)SAN8/DG(W)

Dark gray

White

Example of Construction (Image)

- Capable of delivering brightness higher than 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, 2700K, 2100K
- Ra80 high color rendering vividly illuminates objects
- The 5000K type also includes a highly efficient 150ℓm/W (5000K/super wide)
- 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*

This light source, offering top-class energy saving performance has been achieved through a new optical design utilizing both a lens and a mirror, and also through highly efficient usage of electric power. With COB (Chip on board) type lighting, large numbers Of LED devices are mounted directly onto substrate. As light is therefore emitted from a single uniform surface, a natural lighting environment of even brightness close to that created by surface emission can be achieved.

Product Series

Model Number	Power Consumption	CCT	CRI	Luminous Flux	Beam Angle	Luminous Efficacy
ECF8040N/DSAN8/DG(W)	82.5W	6500K	70	9100 lm	Narrow beam	110.3 lm/W
ECF8040N/NSAN8/DG(W)	82.5W	5000K	70	9600 lm	Narrow beam	116.3 lm/W
ECF8040N/WSAN8/DG(W)	82.5W	4000K	80	8500 lm	Narrow beam	103.0 lm/W
ECF8040N/LSAN8/DG(W)	82.5W	2700K	80	7700 lm	Narrow beam	93.3 lm/W
ECF8040N/NHSAN8/DG(W)	82.5W	2100K	65	8400 lm	Narrow beam	101.8 lm/W
ECF8040M/DSAN8/DG(W)	86.5W	6500K	70	11400 lm	Medium beam	131.7 lm/W
ECF8040M/NSAN8/DG(W)	86.5W	5000K	70	12000 lm	Medium beam	138.7 lm/W
ECF8040M/WSAN8/DG(W)	86.5W	4000K	80	10600 lm	Medium beam	122.5 lm/W
ECF8040M/LSAN8/DG(W)	86.5W	2700K	80	9700 lm	Medium beam	112.1 lm/W
ECF8040M/NHSAN8/DG(W)	86.5W	2100K	65	10300 lm	Medium beam	119.0 lm/W
ECF8040W/DSAN8/DG(W)	86.5W	6500K	70	11200 lm	Wide beam	129.4 lm/W
ECF8040W/NSAN8/DG(W)	86.5W	5000K	70	11800 lm	Wide beam	136.4 lm/W
ECF8040W/WSAN8/DG(W)	86.5W	4000K	80	10500 lm	Wide beam	121.3 lm/W
ECF8040W/LSAN8/DG(W)	86.5W	2700K	80	9500 lm	Wide beam	109.8 lm/W
ECF8040W/NHSAN8/DG(W)	86.5W	2100K	65	10100 lm	Wide beam	116.7 lm/W
ECF8040SW/DSAN8/DG(W)	86.5W	6500K	70	11600 lm	Super Wide beam	134.1 lm/W
ECF8040SW/NSAN8/DG(W)	86.5W	5000K	70	13000 lm	Super Wide beam	150.2 lm/W
ECF8040SW/WSAN8/DG(W)	86.5W	4000K	80	11000 lm	Super Wide beam	127.1 lm/W
ECF8040SW/LSAN8/DG(W)	86.5W	2700K	80	9900 lm	Super Wide beam	114.4 lm/W
ECF8040SW/NHSAN8/DG(W)	86.5W	2100K	65	8200 lm	Super Wide beam	94.7 lm/W

Specifications

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

Optical

- Beam Angle : Narrow/ Medium/ Wide/ Super Wide beam
- 1/10 Beam Angle : 30° / 58° / 102° × 110° / 140° × 132°
- Color Rendering Index : 70 or 80 or 65
- Rated Luminous Flux : 7700 - 13000 lm
- Luminous Efficacy : 93.3 – 150.2 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 : 82.5W or 86.5W

Mechanical

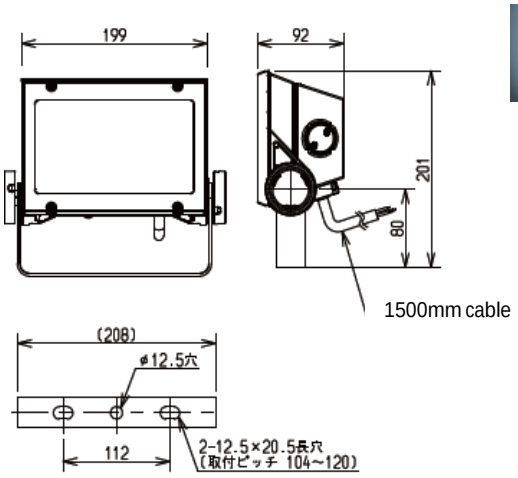
- Body(except front frame) : Die casting aluminum
- Front Cover : Tempered glass
- Finish Color : Dark grey or White

*SMD LED for Super Wide

IP65

Physical

・Dimension : W199×H201×D92mm
・Weight : 2.7kg



Lighting Image

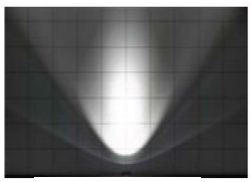

6500K

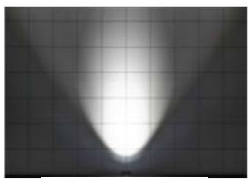

5000K

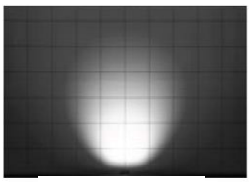

4000K

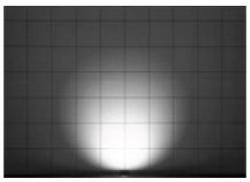

27000K


2100K


Narrow


Medium


Wide


Super Wide

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