2015 December 14
data subject to change

LED Flood Light
LEDioc FL400

Example of construction (image)

- Capable of delivering brightness equivalent to 1000W metal halide lamp
- Proprietary light distribution control technology allows for outstanding light concentration
- Finishing with a reflector and globe combination allows for three types of luminous intensity distribution: narrow, medium, and wide beam
- Quickly reaches full brightness
- Lumen maintenance(L85) : 40,000hours at 35°C
- 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 (nominal)	Distribution	Luminous efficacy
E4001N/650/E	380W	5000K	70	44000 lm	Narrow	115.7 lm/W
E4001M/650/E	380W	5000K	70	42000 lm	Medium	110.5 lm/W
E4001W/650/E	380W	5000K	70	35000 lm	Wide	92.1 lm/W
E4001N/850/E	380W	5000K	80	40000 lm	Narrow	105.2 lm/W
E4001M/850/E	380W	5000K	80	39000 lm	Medium	102.6 lm/W
E4001W/850/E	380W	5000K	80	33000 lm	Wide	86.8 lm/W
E4001N/840/E	380W	4000K	80	40000 lm	Narrow	105.2 lm/W
E4001M/840/E	380W	4000K	80	39000 lm	Medium	102.6 lm/W
E4001W/840/E	380W	4000K	80	33000 lm	Wide	86.8 lm/W
E4001N/830/E	380W	3000K	80	38000 lm	Narrow	100.0 lm/W
E4001M/830/E	380W	3000K	80	37000 lm	Medium	97.3 lm/W
E4001W/830/E	380W	3000K	80	31000 lm	Wide	81.5 lm/W
E4001N/827/E	380W	2700K	80	34000 lm	Narrow	89.4 lm/W
E4001M/827/E	380W	2700K	80	35000 lm	Medium	92.1 lm/W
E4001W/827/E	380W	2700K	80	27000 lm	Wide	71.0 lm/W
E4001N/821/E	380W	2200K	75	30000 lm	Narrow	78.9 lm/W
E4001M/821/E	380W	2200K	75	30000 lm	Medium	78.9 lm/W
E4001W/821/E	380W	2200K	75	25000 lm	Wide	65.7 lm/W

Optical
- Distribution : Narrow, Medium, Wide
- Beam angle (half intensity) : 8° , 20° , 50°
- Lumen maintenance(L85) : 40,000hours at 35°C

Electrical
- Built-in power supply
- Input voltage : 220 to 240V
- Line frequency : 50 to 60Hz
- Power factor : > 0.9 at full load
- Total Harmonic Distortion : < 20% at full load
- Surge protection : 12kV (Line-Ground) / 6kV (Line-Line)
- Power consumption : 380W

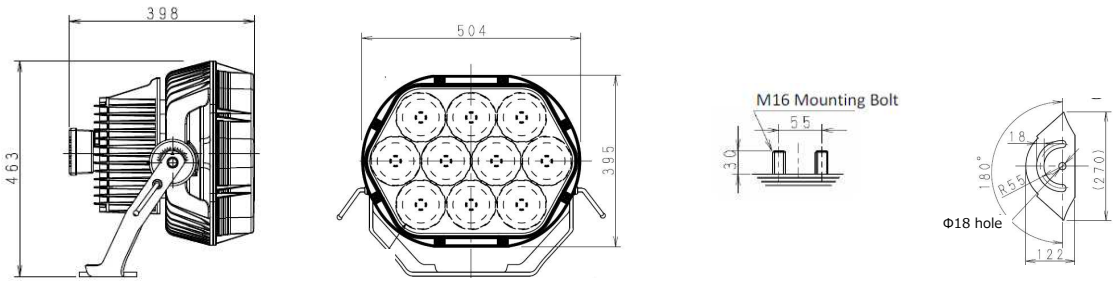
Mechanical
- Body : Die cast aluminum
- Reflector: Polycarbonate
- Front cover: Acrylic
  (Narrow, Medium : clear)
  (Wide : frosted)
- Arm with stand: Steel plate (hot dip galvanizing)
- Finish color : Metallic grey

Ratings
- Operation Temperature range : -20～+40°C
- IP code : IP65
- Certification : CE, RCM

IP65

Physical

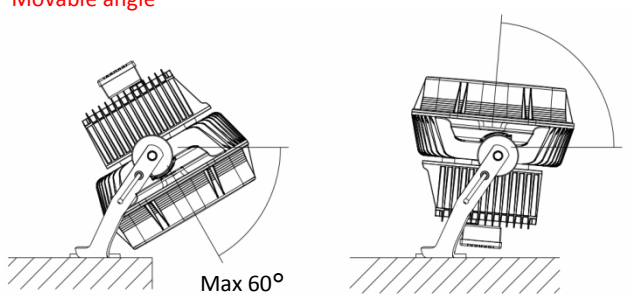
・Dimension : W504×H463×D398mm
・Weight : 22kg
・Exposed surface : 0.17㎡



Installation

Movable angle

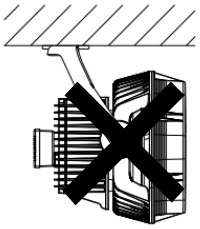
Max 85°



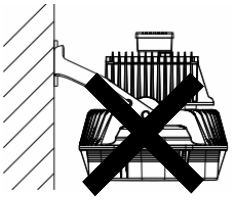
Downward-irradiation range

Upward-irradiation range

Do not install



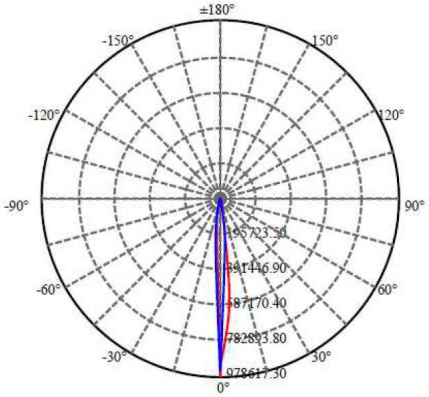
Ceiling mounted



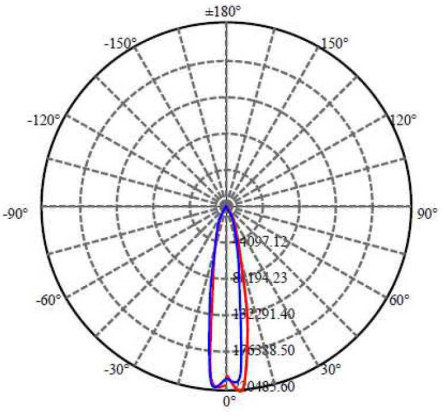
Wall mounted

Distribution data(cd)*

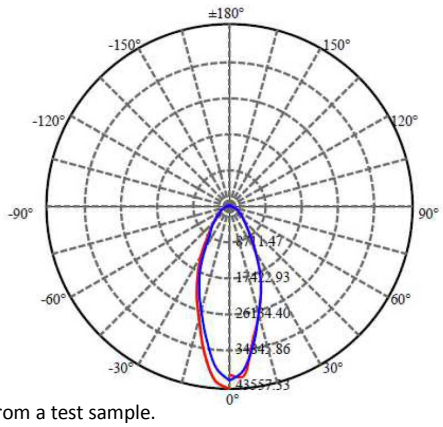
E4001N/650/E



E4001M/650/E



E4001W/650/E



C0/C180:
C90/C270:

*The candela values are reference values from a test sample.