

Indoor Maintenance-Free Lighting

LED High Bay Lighting

LLF0058A



Remarkably thin and light



LED High Bay Lighting LLF0058A



Features

Daring design

The body is thinner because we made the light-emitting part thin by not using the conventional radiation fin.

Lightweight

Helps reducing the man-hour for installation.

Angle adjustment

The angle of light can easily be adjusted after installation, because the range of motion of this fixture is 35° each to right and left.

Wide range of input voltage

Voltage for lighting can be in the range of AC90-305V; usable in regions with unstable voltage.

Design Concept

We materialized heat diffusion without a heat radiation fin. We adopted a design that makes the light-emitting part look thin when installed. The structure of housing is designed to keep adequate strength even being made of aluminum, so the product is lightweight and the color tone can be unified.

Examples



Lights for the gym in Asian Stanley, Thailand



Lights inside the pit of B-Quik, Thailand

Product Image



Front



Side1



Side2



Power source built-in

Specifications

Part No.

LLF0058A

Color Temp.	5000K	5000K	5000K	5000K	3000K	3000K	3000K	3000K
Power Consumption (at AC220V)	56W	111W	163W	215W	56W	111W	163W	215W
Fixture Luminous Flux	8420lm	16850lm	25300lm	33700lm	8000lm	16000lm	24000lm	32000lm
Luminous Efficiency (at AC220V)	150lm/W	152lm/W	155lm/W	157lm/W	143lm/W	144lm/W	147lm/W	148lm/W
Weight	2.2kg	2.9kg	4.2kg	5.7kg	2.2g	2.9kg	4.2kg	5.7kg

Material: Body: aluminum sheet-metal

Color Rendering Property: Ra70

Input Voltage: rated voltage AC100 ~ 240V (AC90 ~ AC305V)

Ambient Temperature: -20 ~ 45°C

Water and Dust Resistance: IP20

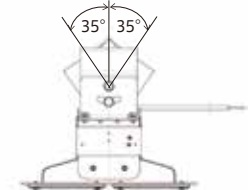
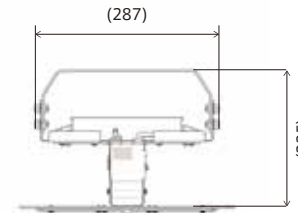
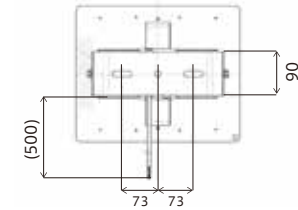
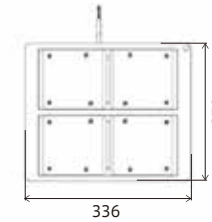
Life of LED's Light Source: 60,000h (lumen maintenance factor 70%)

1/2 Beam Angle: 120°

External Dimension

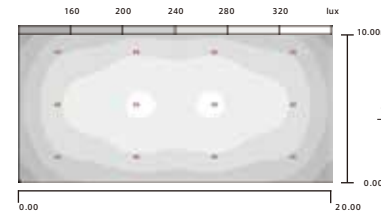
2-module type (111W)

unit: mm



Simulation of Light Distribution

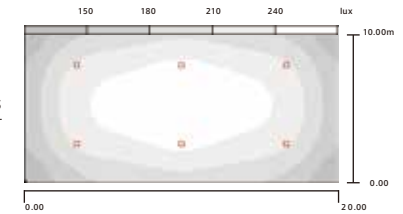
1 module
5000K



Computational Condition
height of installation : 5m
maintenance factor : 0.8
number of lighting fixture : 12

reflectivity (ceiling, wall, floor) : 30% 30% 10%
average illuminance : 255 lx
uniformity ratio of illuminance : 0.52

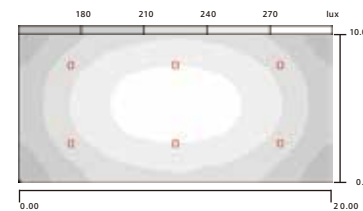
2 modules
5000K



Computational Condition
height of installation : 7m
maintenance factor : 0.8
number of lighting fixture : 6

reflectivity (ceiling, wall, floor) : 30% 30% 10%
average illuminance : 211 lx
uniformity ratio of illuminance : 0.57

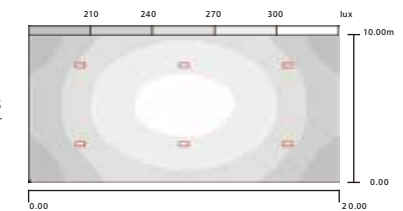
3 modules
5000K



Computational Condition
height of installation : 10m
maintenance factor : 0.8
number of lighting fixture : 6

reflectivity (ceiling, wall, floor) : 30% 30% 10%
average illuminance : 233 lx
uniformity ratio of illuminance : 0.66

4 modules
5000K



Computational Condition
height of installation : 12m
maintenance factor : 0.8
number of lighting fixture : 6

reflectivity (ceiling, wall, floor) : 30% 30% 10%
average illuminance : 257 lx
uniformity ratio of illuminance : 0.70