

# 100W LED UFO Highbay Lights Manual

KTHL2219-100W



# Introduction

## Material

- Patented fin aluminum heat-sink structure; High quality aluminum processing technique; Special surface treatment process; High brightness LED light source, high efficiency and long life power supply.

## Applications

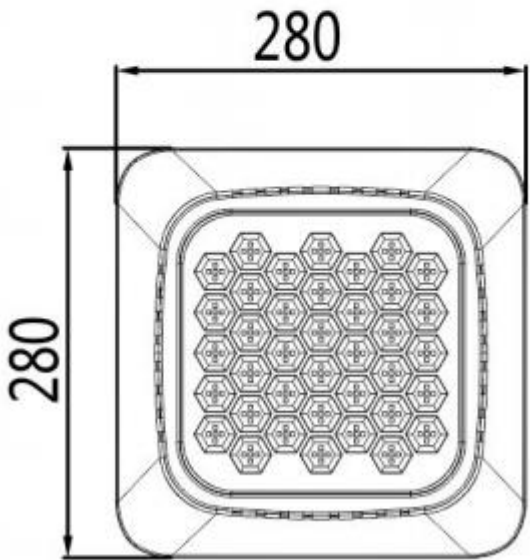
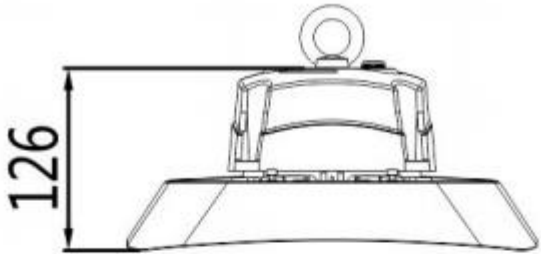
- Suitable for Warehouses, Production and logistics workshops, Retail stores, Theme restaurants Amusement parks, Indoor stadiums and public places, and other industrial and commercial lighting purposes.

## Features

- LEDs from Philips Lumileds/ Osram with high thermal conductivity, good heat-radiation, small light decay, pure light, no ghosting, stable performance and quality advantages.
- Unique thermal management design low LED junction temperature effectively, ensure the lifespan of the light source and power.
- Extremely light weight for safety use and installation.
- Eco-friendly and energy saving, dust-proof, no radiation and emitting heat, no mercury, lead and other Pollution elements.
- High color rendering index to show the physical color rendering more real. Various colors is optional to meet the needs of different environments. Eliminating the repressed emotions caused by the traditional lamp in high low color temperature , the light is visual comfort, and improve the work efficiency.
- Power by constant current and voltage, can work in wide voltage range AC90V-305V. Overcome the unstable on the light caused by ballast disturbance, noise pollution, avoid the stimulus work to eye fatigue.
- Using a special surface treatment process, new design on appearance. Simple installation, easy Disassembly, Wide range of application.

# Dimension

Unit: mm



# Parameter

LED Driver	100W 1PCS
Input Voltage	90-265 VAC, 50/60 Hz
LED Chips	Philips Lumileds/ CREE
LED QTY	176 pcs
LED Power	100W
Total System Power	106W
Led Luminous Efficiency	160-170lm /W
Light Lighting efficiency	≥150 lm/W
Led Initial Luminous Flux	15000 Lm
Illuminance Uniformity	>0.8
Color Temperature	3000K-7000K
Color Rendering Index	Ra ≥ 85
Light Distribution	Symmetric/Rectangle (90/60/70*100 degree)
Illuminance Design	LED+Len
LED Junction Temperature	≤70°C (@ Ta=30°C)
Working Temperature	-40°C ~ 45°C
Working Temperature	-25°C ~ +65°C
IP Rating	IP65
Net weight	≈ 3.6 Kg
Life-span	>50000H
Power Cable	0.3M

Remark: The light parameters may different between different color temperature, tolerances ≤ 5%.  
The testing is based on Philips 3030 LED 5700K.

# Package



## Packing Size mm

## Weight kg

L W H

单个装: 330 x 330 x 180

毛重: 3.6kgs