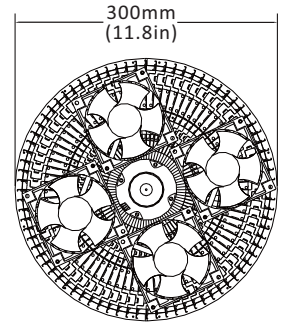
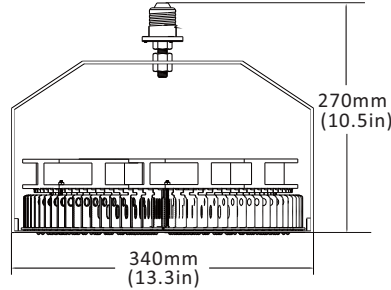


E39/E26 LED Retrofit Kit

RK-240w

Mechanical Specification



Product Features

- Beam angle: 120 degrees
- Fin aluminum heat dissipation system(PATENT design)
- Universal AC input / Full range 100-305Vac or 200-480Vac
- Protections: Short circuit / Over current/ Over temperature
- Wide colour availability in degrees Kelvin(K),2700-6700K
- It's major to replace the Metal Halide/HPS/CFL with screwed lamp base directly

Applications

- High/Low Bay Lighting/Sports Lighting/Factories Lighting.
- Conference / Meeting rooms/ Commercial Complexes
- Residential / Institution Buildings/ Schools, Colleges / Universities
- Places where need energy saving and high color rendering index lighting

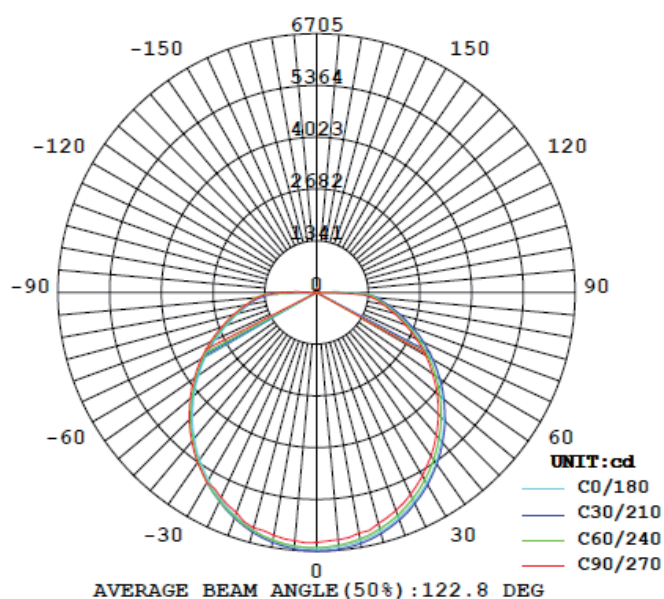


Specification data

Rated Power	240W
Input Voltage	100-305Vac or 200-480Vac
Input Current	4A / 115VAC ; 2A / 230VAC ; 1.2A / 277VAC
Power Factor	PF>0.98 / 115VAC ; PF>0.95 / 230VAC ; PF>0.92 / 277VAC
Power Efficiency	>93%
Beam Angle	120°
Light Source/Count	Osram LED Chip
Lamp Base	E40 / E39 / E27 / E26
LED Luminous Efficiency	>140lm/w
Luminous Flux	33600 lm ±10%
Color Temperature Standard	Warm White: 2,700 ~3,500 K
	Natural White: 4,000~4,500 K
	Cool White: 5,500~6,700K
Color Rendering Index(CRI)	Ra>80
LED Emitter Life	50,000hours
Replacement	600W-750W Metal Halide/HPS
Working Environment	Indoor lighting
Operating Temperature	-40 ~ 45°C
The Dimensions	Dia300*190mm / Dia11.8*7.5inch
N. W	2kg
Packing	4pcs/Carton
Packing Size (L*W*H)	58 * 36 * 36 cm

Luminous Intensity Distribution Diagram

Notes: testing without lampshade



Why us?



Our Round Retrofit kit , by improving the heat sink thermal function and the driver performane, we can save more energy with reliable quality.

Would you like to save more money?



From our 5 years experience, many clients has problem with these Retrofit kit in the current market, most failures can be bolt down to heat problem or driver problem. However, we are making the change to improve. It's credit!



Temperature control protection

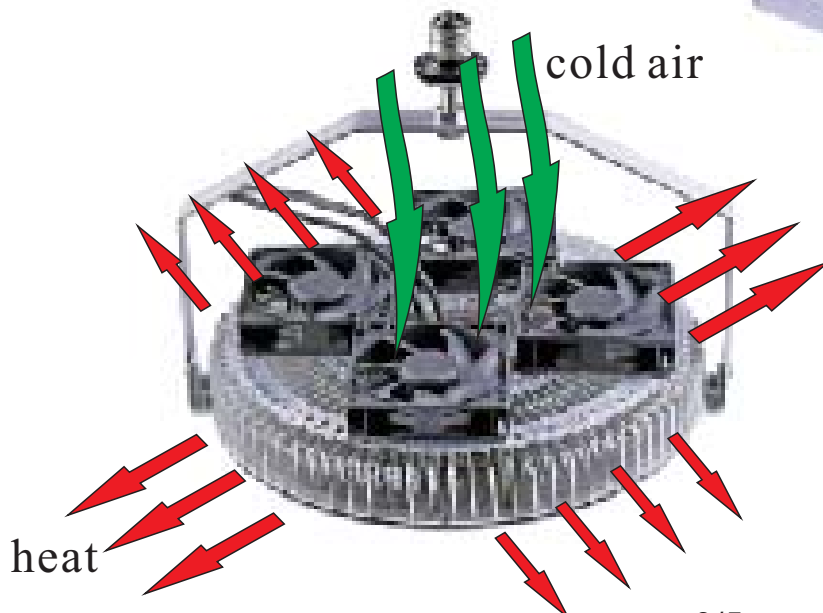
Osram LED

Fins Aluminum heat sinks

Heat transfer coefficient 250W/m.K
Lighter weight, Larger cooling area.

Aluminum copper clad laminates

high thermal conductivity--- 2. 0

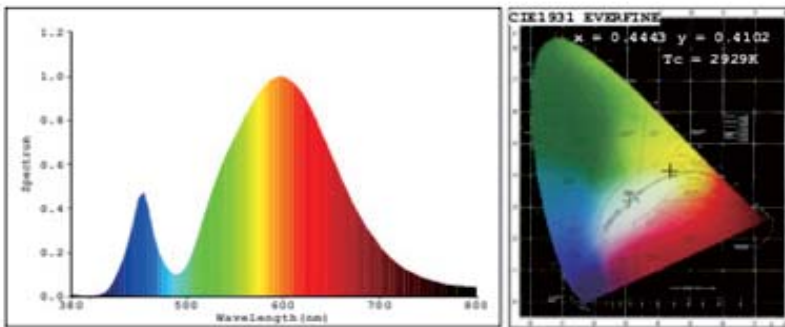


CCT & Light lighting effect diagram

Light Characteristics

Light lighting effect diagram

CCT:3000K(WW)

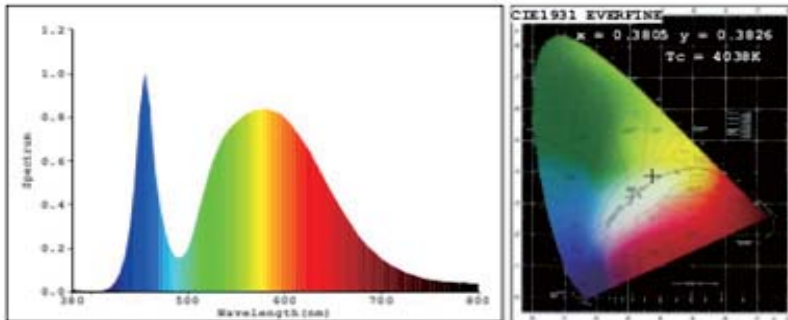


Color Parameters:

Chromaticity Coordinate: $x=0.4443$ $y=0.4102/u'=-0.2527$ $v'=-0.5249$
Tc=2929K Dominant WL:Ld=582.6nm Purity=56.5% Centroid WL:593.0nm
Ratio:R=23.7% G=74.8% B=1.5% Peak WL:Lp=595.0nm HWL:135.7nm



CCT:4000K(NW)

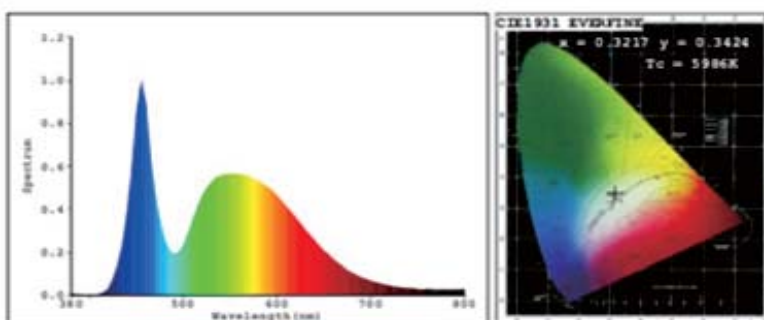


Color Parameters:

Chromaticity Coordinate: $x=0.3805$ $y=0.3826/u'=-0.2229$ $v'=-0.5041$
Tc=4038K Dominant WL:Ld=577.5nm Purity=29.0% Centroid WL:572.0nm
Ratio:R=18.5% G=78.8% B=2.8% Peak WL:Lp=455.0nm HWL:22.3nm



CCT:5800K(CW)



Color Parameters:

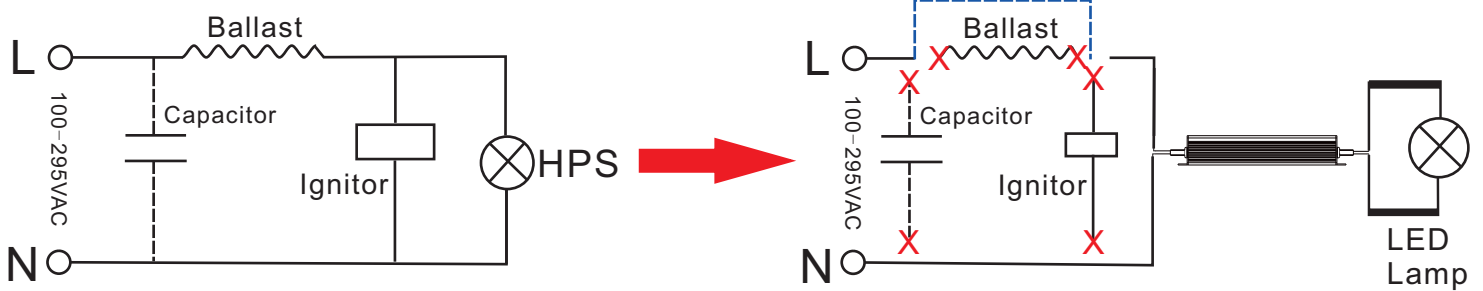
Chromaticity Coordinate: $x=0.3217$ $y=0.3424/u'=-0.1990$ $v'=-0.4766$
Tc=5986K Dominant WL:Ld=502.1nm Purity=3.5% Centroid WL:547.0nm
Ratio:R=14.3% G=81.2% B=4.5% Peak WL:Lp=455.0nm HWL:26.2nm



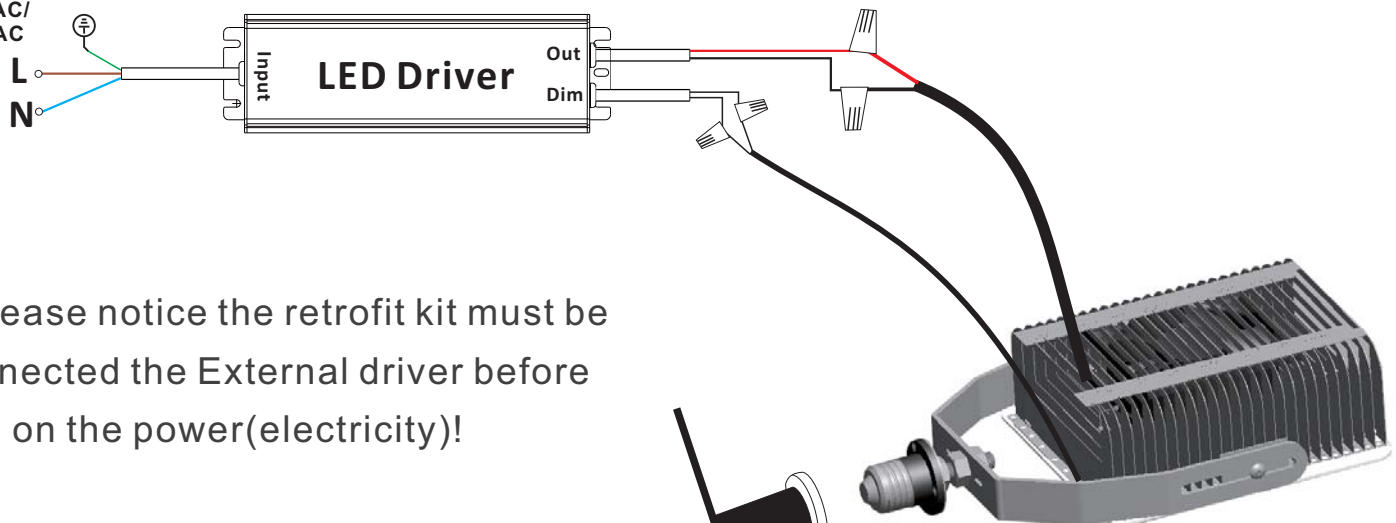
Installation

1. Turn off the Power.
2. Carefully remove the existing Lamp bulb.
3. Disconnecting the input and output leads of the Ballast, and remove the ballast. Please refer to below the schematic diagram.
4. Mounting the LED Driver in the same place as ballast, drilling the screws holes may apply.
5. Inset the retrofit kit to the E39 base, Adjust the retrofit head angle and position so that it provides the best lighting.
6. Connecting the Retrofit kit leads to the output leads of LED driver with suitable size of Marrette connectors, and then connecting the input leads of LED Driver to the supply wires with suitable size of Marrette connectors carefully.
7. Double check the Input and Output connection of LED Driver, and make sure all connections are correct and well connected.
8. Turn on the Power.

Replace HPS/MH



100-277VAC/
200-480VAC



Please notice the retrofit kit must be connected the External driver before turn on the power(electricity)!

E39/E26 Socket

No need to connect the power



Please remove any ballast or capacitor parts before doing the retrofit.