

## PRODUCT DESCRIPTION

This high output UFO builds on its legendary value, now with a sleek & smaller design sporting advanced and improved standard features, including a 120D lens as well as a staggering 180 lumens per watt!

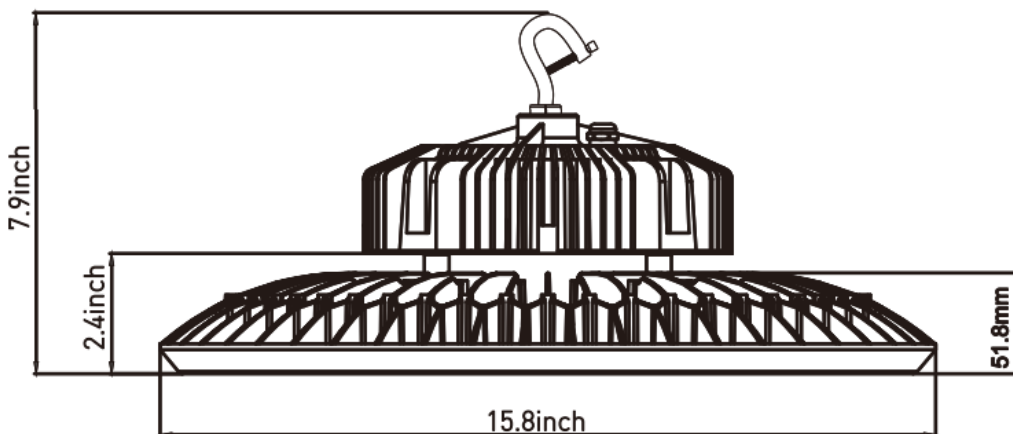


## PART #: RG-240W-HO

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL certificate.
- Wattage and Color Selectable
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Warehouse, factory, and workshops.
- Highway toll station and gas station.
- Exhibition hall.
- Gymnasium and supermarkets, etc

## PRODUCT DIMENSIONS



Rugged Grade Lighting  
Industrial Grade Solutions



888-953-2476  
sales@ruggedgrade.com

## LEGENDARY USA SUPPORT



US based  
phone and online  
customer support





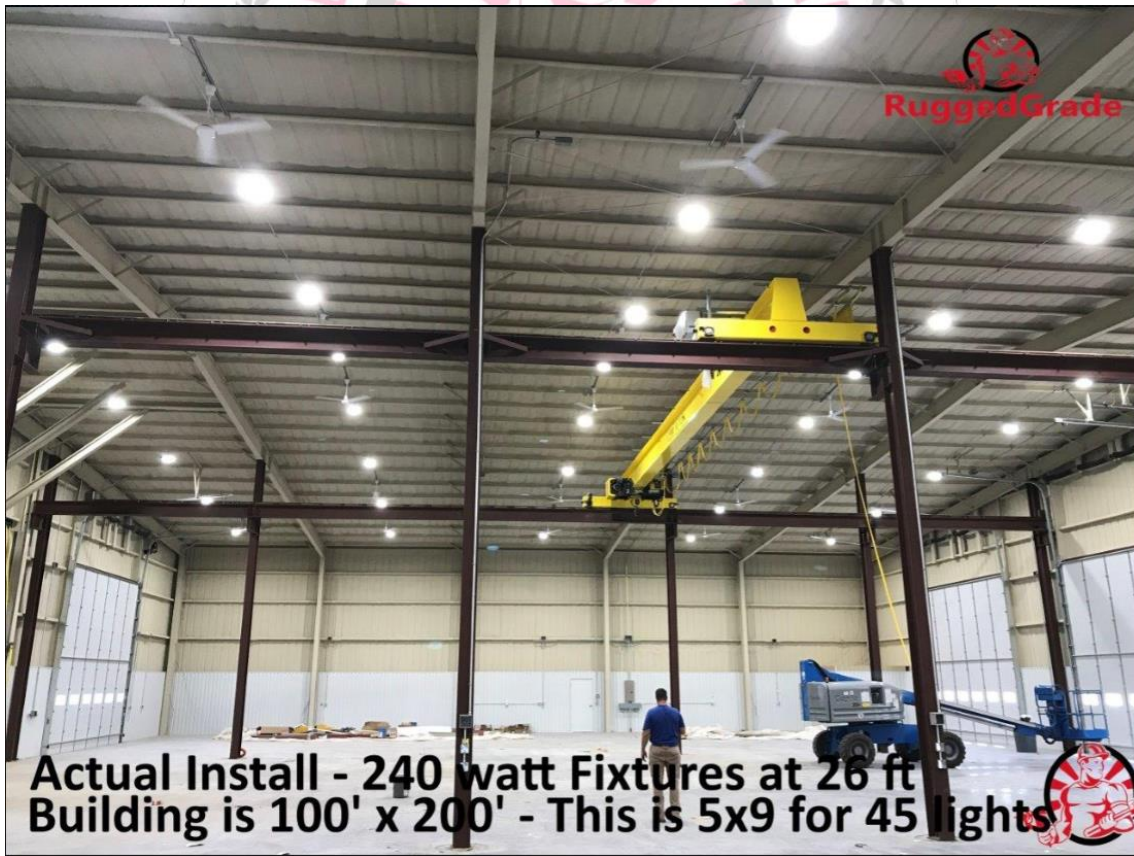
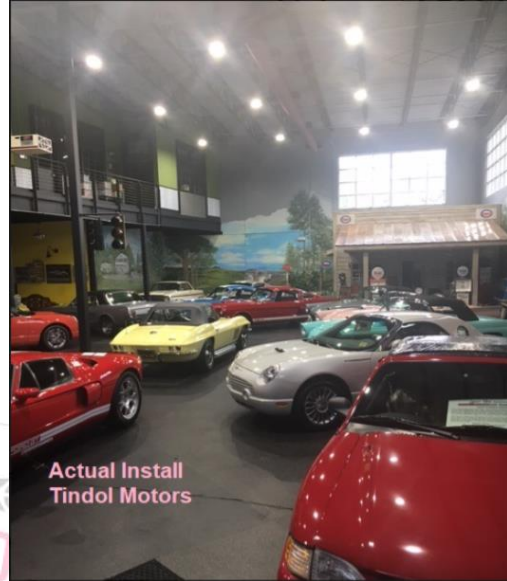
## PRODUCT TECHNICAL SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	240 Watts
	Color Temperature (Color Selectable)	5000K
	Lumen (Tolerance : -10%)	43200LM
	Efficacy (Tolerance : -3%)	180LM/W
	CRI	>72
	Color Consistency	<7 Steps (or <7 SDCM)
	UGR (Glare Rating)	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance :	120 Degree
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	<5%
	Driver Brand	Rugged Grade Lighting
	Driver Model	Rugged Grade Lighting Driver
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
	Dimming	0-10V dimming standard
Optional Accessory	Motion Sensor, Surge-protective Device	
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	660PCS
	Housing	Die-cast aluminum
	Housing Color	Black, White, or Customized
	Waterproof Rating	WET (IP65)
<b>OTHERS</b>	Operating Temperature	-36°C TO 60°C
	Storage Temperature	-40°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime

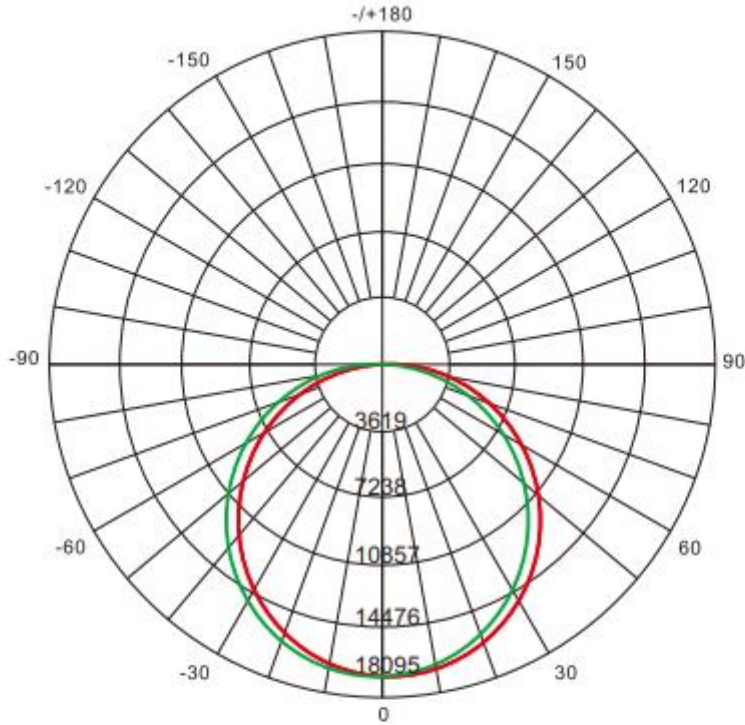
## PRODUCT MOUNTS & ACCESSORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS



## PHOTOMETRICS & DLC PRODUCT SPEC



AVERAGE BEAM ANGLE(50%): 108°

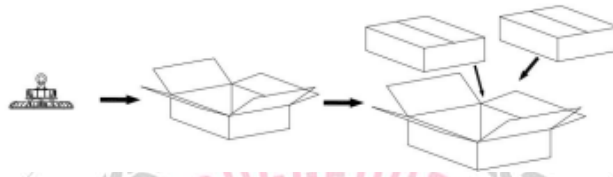
	UNIT:CD
Test Number:LS-5EHB240W-50K	— C0/180,113.7
Lumens:38400LM	— C30/210,100.1
Test Number:240W	— C60/240,108.6
Test Number:5000K	— C90/270,130.9



## PRODUCT PACKAGING

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	305*305*145mm [12.01*12.01*5.71 inch]	1 PCS	2.6kg [5.72 LBS]	2.9kg [6.38 LBS]
Outer box	315*315*315mm [12.40*12.40*12.40 inch]	2 PCS	5.2kg [11.44 LBS]	6.5kg [14.3 LBS]

Tolerance of Carton Size:  $\pm 15$  mm [ $\pm 0.59$  inch], Tolerance of Weight:  $\pm 10\%$ .



\*Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

**BETTER LIGHTS.  
BETTER SUPPORT.**

