

240W Titan 5 | LED UFO HIGHBAY LIGHT



PRODUCT DESCRIPTION

Titan 5 Update for 2021 - Full Brightness to Dim to Off! - High Accuracy 5.8GHZ Microwave Motion Sensor! - Easy Programming by Remote. - DLC 5.1



DLC #: RGL-TITAN05-240W

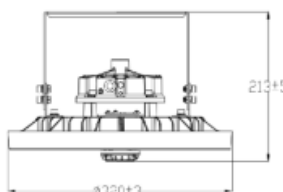
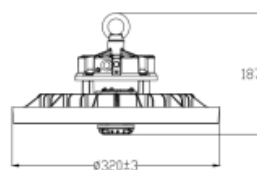
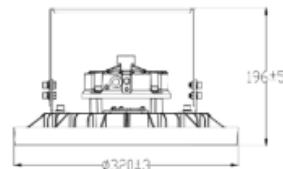
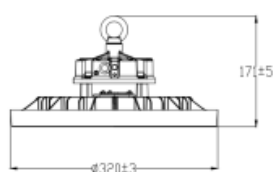
PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL DLC certificate.
- 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

Pendent

Surface-mounted



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT



US based
phone and online
customer support



5 YEARS
WARRANTY



LISTED



888-953-2476
sales@ruggedgrade.com

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W
	Color Temperature	4000K 4500K 5000K 5700K
	Lumen (Tolerance : -10%)	33108LM 33165LM 33223LM 33280LM
	Efficacy (Tolerance : -3%)	134LM/W 134LM/W 134LM/W 150LM/W
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	UGR (Glare Rating)	Low Glare Certified – Exceeds UGR Mandates & Certified DLC 5.1
	Diffuser Type	PC Lens
ELECTRICAL	Beam Angle (50%) (Tolerance :	90 Degree
	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
MATERIALS	Dimming	0-10V dimming standard
	Optional Accessory	Motion Sensor, Surge-protective Device
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	675PCS
	Housing	Die-cast aluminum
OTHERS	Housing Color	Black, White, or Customized
	Waterproof Rating	WET (IP65)
	Operating Temperature	Without Motion Sensor: -40°C TO 50°C With Motion Sensor: -30°C TO 50°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

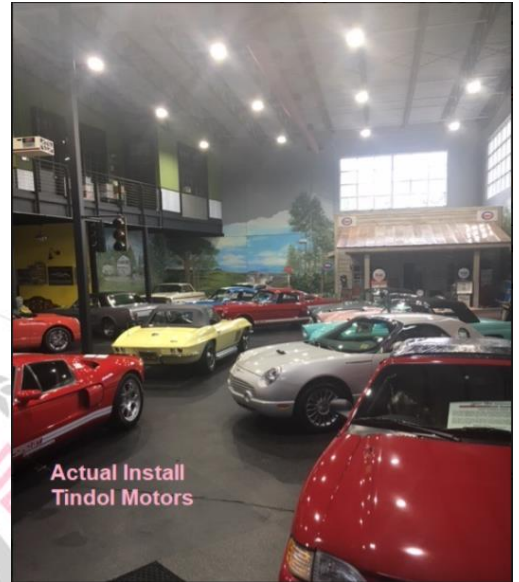


Rugged Grade Lighting
Industrial Grade Solutions



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PRODUCT IMAGES & ACTUAL INSTALLATIONS



PHOTOMETRICS & DLC PRODUCT SPEC

Product ID: PLZJ95V5GWVP ×



RGL-TITAN5-240/200/180WM1BT2A1-abc57WR

Manufacturer: RuggedGrade
Brand: RuggedGrade

PRODUCT OVERVIEW	
Classification	Premium
Primary Use	High-Bay Luminaires for Commercial and Industrial Buildings
Reported Input Wattage	246.25 W
Reported Light Output	33108.6 lm
Reported CCT	5700 K
Reported CRI (Ra)	83
Product ID	PLZJ95V5GWVP
DLC Family Code	EMWALR
Listing Status	Listed
Date Qualified	2022-01-04

PRODUCT INFORMATION	
Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLZJ95V5GWVP
Manufacturer	RuggedGrade
Brand	RuggedGrade
Model Number	RGL-TITAN5-240/200/180WM1BT2A1-abc57WR
Parent	Yes
Classification	Premium

PRODUCT CATEGORIZATION	VIEW DETAILS
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PRODUCT CAPABILITIES	VIEW DETAILS
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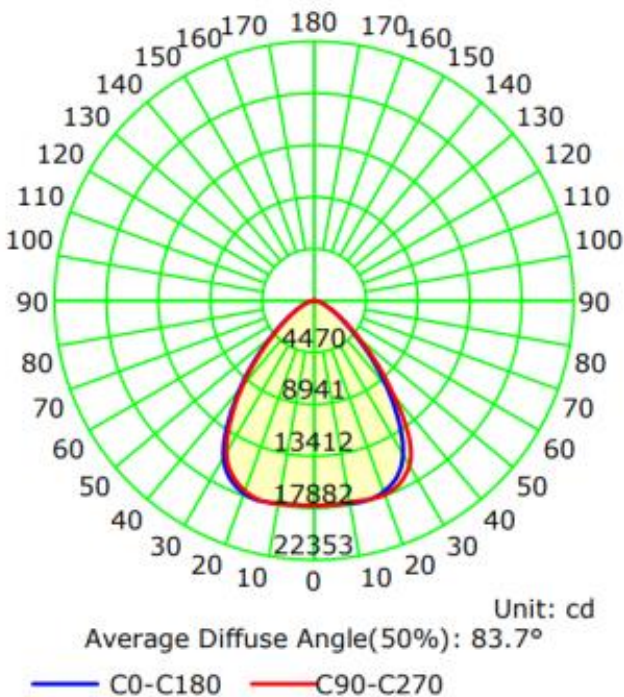
REPORTED PHOTOMETRIC PERFORMANCE	
Reported Light Output	33108.6 lm
Reported Efficacy (AC)	134.45 lm/W
Reported CCT	5700 K
Reported CRI (Ra)	83
Reported R9	8
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-13



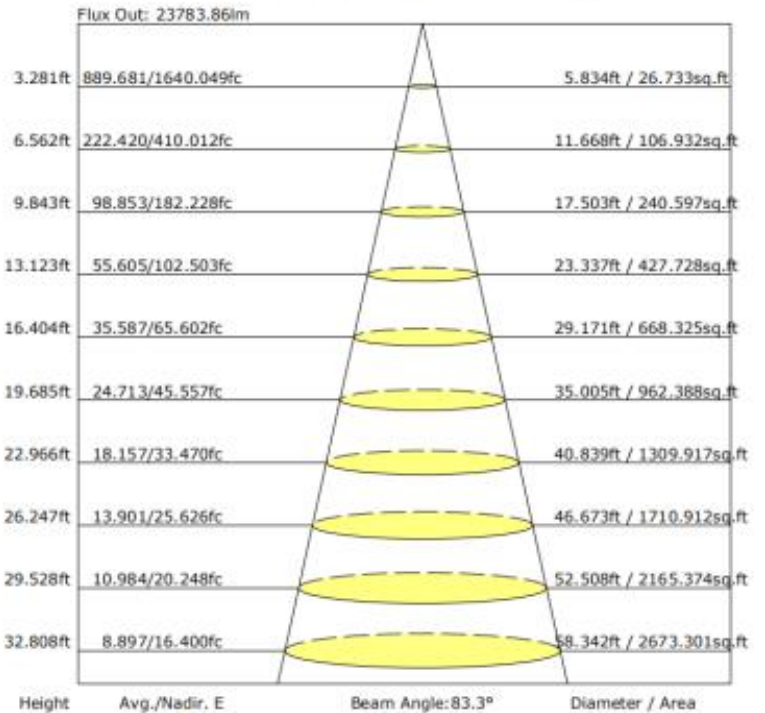
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 33280.4 lm
Measurement Flux: 33280.4 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 123.4, 123.9, 123.9, 123.8	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 83.3, 84.0, 83.8, 84.6	
Luminaire Efficacy Rating (LER): 133.36	C0r0 Intensity: 17653.34 cd
Max. Intensity: 17882.72 cd	Pos of Max. Intensity: H180 V15
S/MH(C0/C180): 1.25	S/MH(C90/C270): 1.28

Luminous Intensity Distribution Curve



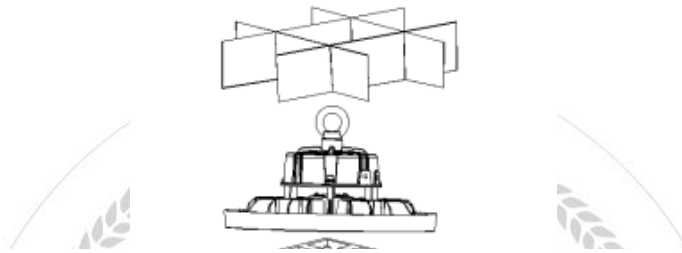
The Average Illuminance Effective Figure



PRODUCT PACKAGING

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	435*435*206MM	2PCS	5.2kg	6.5kg
Surface-	435*435*206MM	2PCS	5.2kg	6.5kg

*Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±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.**

