

PRODUCT DESCRIPTION

Battery Backup Driver included to convert for Emergency Lighting - 90+ Minutes on the battery to meet Emergency Lighting Standards. This wall pack comes with Photocell (Dusk to Dawn), option without Photocell is available.

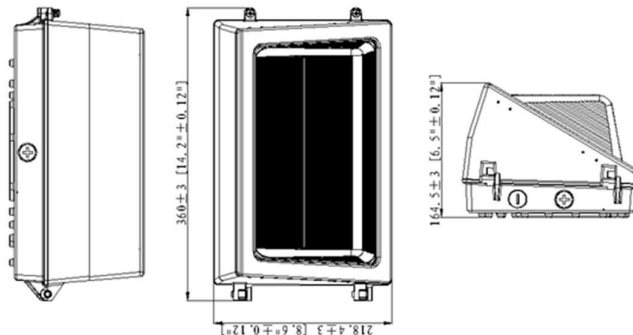


DLC #: RGL-DURADO-4-TT-80WBSGDA1

PRODUCT FEATURES & COMMON USE APPLICATIONS

- | | |
|--|---|
| <ul style="list-style-type: none"> ➤ UL cUL certificate. ➤ Lumileds 2835, high CRI. ➤ Input voltage 120-277VAC . ➤ Output constant current lever can be adjusted through output cable with 0-10V. ➤ Wattage abjustable. ➤ 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 | <ul style="list-style-type: none"> ➤ Entrance lighting, courtyard lighting; ➤ Industrial lighting, Outdoor landscape lighting; ➤ Building, The hotel; ➤ Wall lighting area and so on. |
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PRODUCT DIMENSIONS



LEGENDARY USA SUPPORT



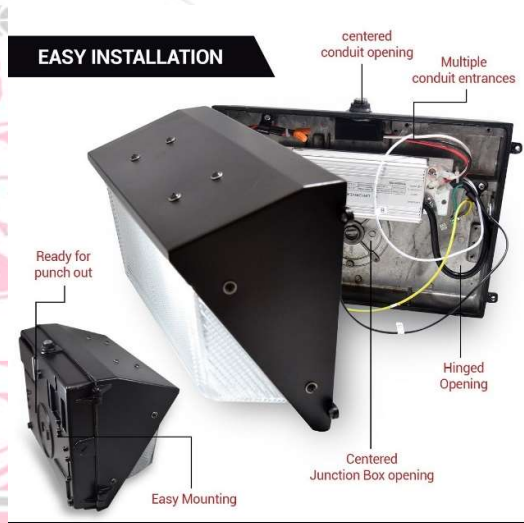
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	80W		
	Color Temperature(Color tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	11080LM	11600LM	11290LM
	Efficacy (Tolerance : ±3%)	139LM/W	150LM/W	142LM/W
	CRI	>80		
	Color Consistency	< 7 Steps (or < 7 SDCM)		
	BUG	B2-U4-G4		
	Diffuser Type	Stripe Glass		
Beam Angle (50%) (Tolerance : ±15%)	H94*V101			
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	< 30%		
	Driver Brand	RuggedGrade Lighting		
	Driver Model	RuggedGrade Lighting Driver		
	Driver Surge protection	L-N: 6kV , L&N-E:6kV		
	Dimming	0-10V dimming standard		
	Sensor Type	Occupancy Sensor		
	Optional Accessory	Surge-protective Device, Motion Sensor, PIR Sensor,emergency		
MATERIALS	LED Brand	LUMILEDS		
	LED Type	SMD 2835		
	LED QTY	288*2 PCS		
	Housing	Die-cast aluminum		
	Housing Color	All Color		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-40°C TO 50°C; Sensor:-25°C TO 50°C; emergency:0°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		

PRODUCT MOUNTS & ACCESSORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS



PHOTOMETRICS & DLC PRODUCT SPEC

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 0.668 A
 Power Factor: 0.989

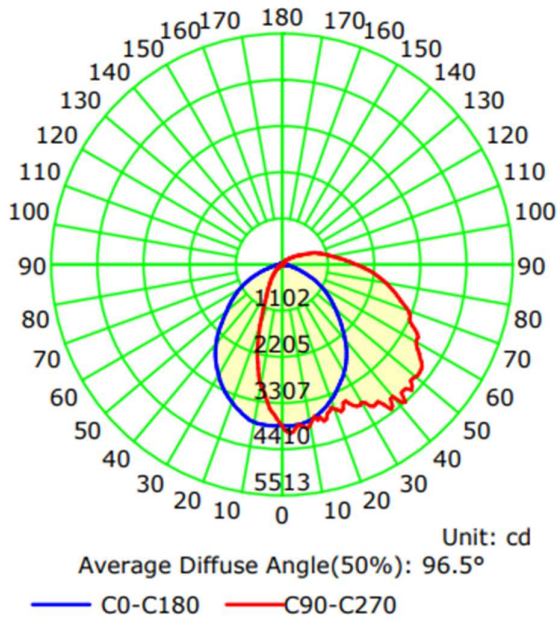
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 79.49 W

Photometric Results

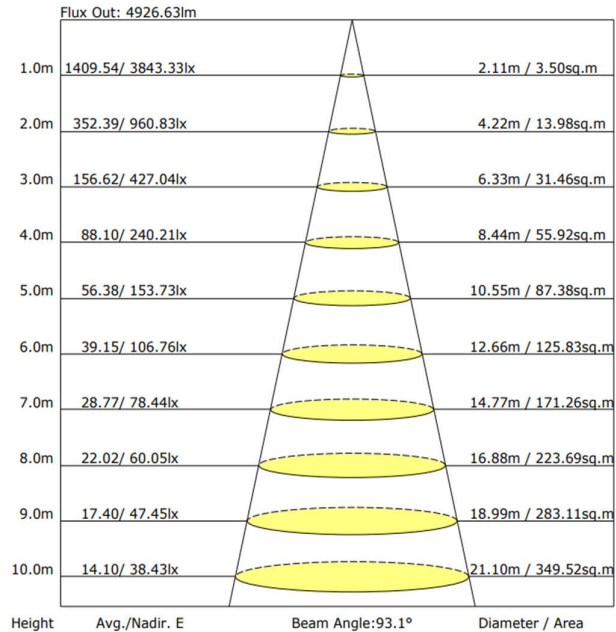
IES Classification: Type IV
 Total Rated Lamp Lumens: 11079.1 lm
 Efficiency: 100%
 Upward Ratio: 10%
 C0r0 Intensity: 3843.33 cd
 Pos of Max. Intensity: H90 V42
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 93.1, 100.0, 95.7, 96.7

Longitudinal Classification: Very Short
 Measurement Flux: 11079.1 lm
 Downward Ratio: 90%
 Luminaire Efficacy Rating (LER): 139.43
 Max. Intensity: 4410.44 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





RGL-DURADO-4-TT-80WBSGDA1-abcWe

Manufacturer: RuggedGrade
Brand: RuggedGrade

PRODUCT OVERVIEW

Classification	Premium
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	79.5 W
Reported Light Output	11079 lm
Reported CCT	3000 K
Reported CRI (Ra)	80
Product ID	S-4U7T16
DLC Family Code	SLFAUJ
Listing Status	Listed
Date Qualified	2023-10-06

PRODUCT INFORMATION

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-4U7T16
Manufacturer	RuggedGrade
Brand	RuggedGrade
Model Number	RGL-DURADO-4-TT-80WBSGDA1-abcWe
Parent	No
Classification	Premium

PRODUCT CATEGORIZATION [VIEW DETAILS](#)

CONTROL FEATURES [VIEW DETAILS](#)

REPORTED PHOTOMETRIC PERFORMANCE

Reported Light Output	11079 lm
Reported Efficacy (AC)	139.38 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	80
Reported R9	-3
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-13

REPORTED ELECTRICAL PERFORMANCE

Reported Input Wattage	79.5 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	20 W
Reported Maximum Input Wattage	79.5
Reported Default Input Wattage	79.5 W
Voltage Range	120-277 V

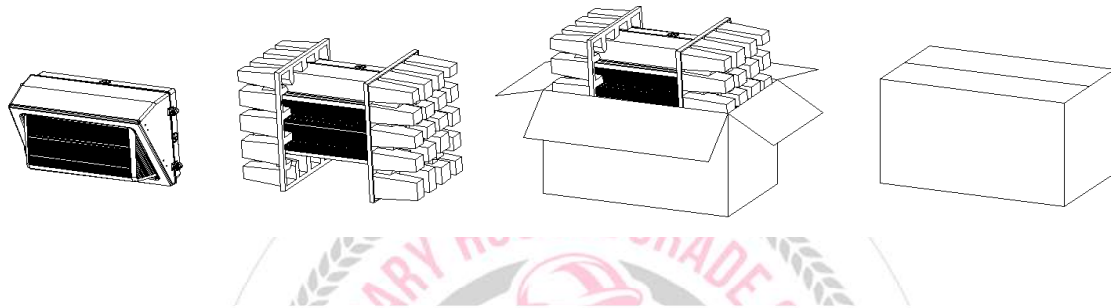
VERSION HISTORY [VIEW DETAILS](#)



PRODUCT PACKAGING

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	410*290*240mm (16.1"*11.4"*9.4")	1 PCS	3.4KG (7.5lb)	4.5KG (9.9lb)

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.**

