



Durado III adds 0-10v dimmability, top level DLC 5.1 Premium certification, with an Ultra-Efficient 145+ lumens per watt and Dark Sky Compliance, and a new clean design that hides any screws from visibility.



P/N: RGL-DURADO03-150NXYZA1-abcdeghi

Note:

RGL= Rugged Grade Lighting;
 DURADO003 = Product series, LED Semi-Cutoff Wall
 L=Large

150 = Rating Power;

N= Driver manufacturer;

X=LED manufacturer;

Y=Cover type;

Z=Color select,

A=Input Voltage;

A=120-277VAC,C=120-347VAC,H=277-480VAC

1 = Version number;

“a” can be any two letters to represent lamp colors;

“b” can be any two letters to represent motion sensor or

blank,P=photocell, M=microwave sensor,R=PIR sensor,

PM=photocell+microwave sensor, PR=photocell+PIR sensor;

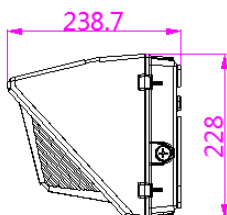
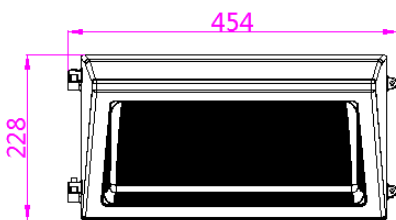
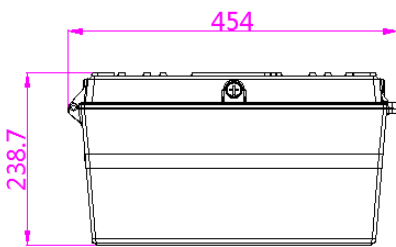
“c” can be “S” or blank for Surge-Protective Device provided or not;

“d” can be “W” for Power select or blank ;

“e” can be any two digits to represent CCT;

“f” can be “A” for DC sensor driver provided or blank;

DIMENSIONS



ADVANTAGE

- IP65 Internal driver, input voltage 120-277VAC; 120-347VAC,277-480VAC;
- 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;

APPLICATION

- Entrance lighting,courtyard lighting;
- Industrial lighting,Outdoor landscape lighting;
- Building,The hotel;
- Wall lighting area and so on.



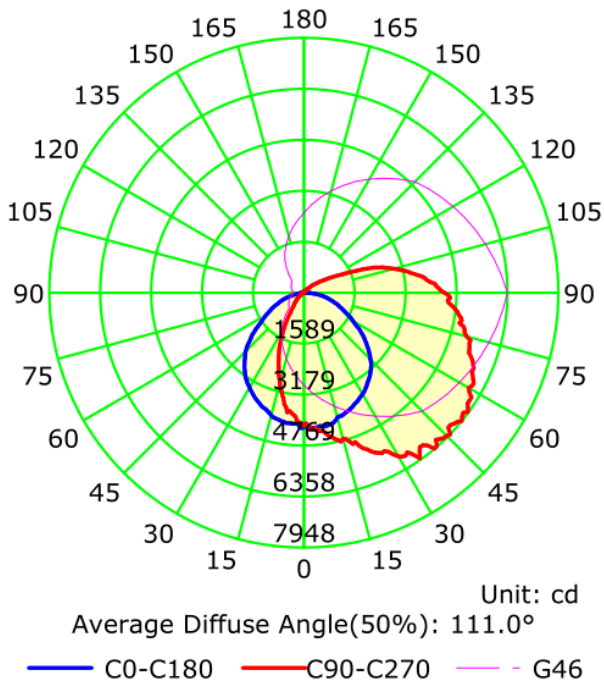
SPECIFICATIONS

OPTICAL	Input Power	150W
	Lumen	20200-21700LM
	Lumen Efficacy	135-145 LM/W
	Color Temperature	2700K-6500K
	CRI	>80
	Viewing Angle	110 Degree
ELECTRICAL	Input Voltage	120-277VAC,120-347VAC,277-480VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	SOSEN / Weledpower
MATERIALS	LED Type	SMD2835 (0.5W)
	LED QTY	480PCS / 480*2 PCS(sosen), 570PCS/ 570*2PCS (weledpower)
	Housing	Aluminum(ADC12) +Glass
	Housing Color	Brown,Black,White etc
	Cover	Stripe lens
	Waterproof Rating	WET (IP65)
	Optional Accessory	Surge protector / Motion Sensor /Power selection
OTHERS	Operating Temperature	-40°C TO 50°C
	Operating Humidity	10%-90% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

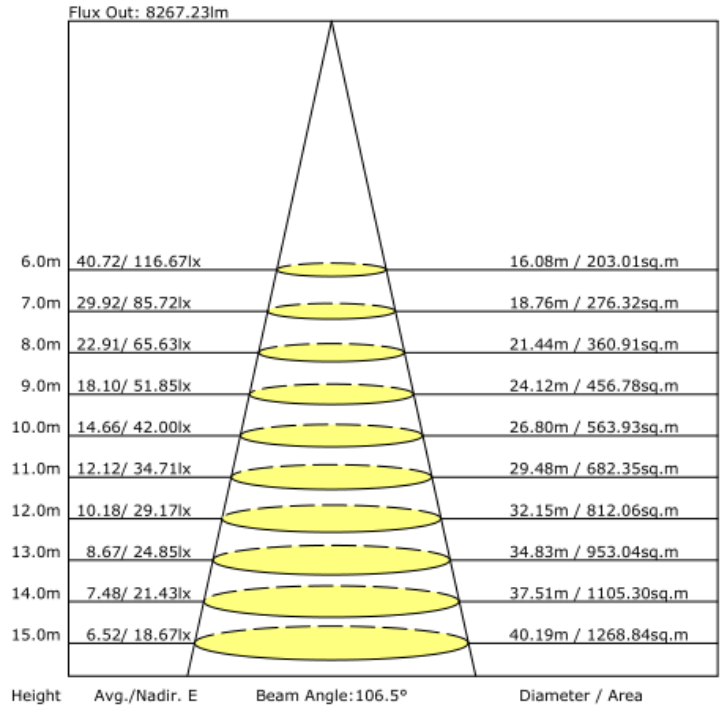


LIGHT DISTRIBUTION TESTING PARAMETERS

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



Product ID: PL1MILAPXKB8



RGL-DURADO03-150DBSGSA1-ab[S;Blank]50

Manufacturer: RuggedGrade
Brand: RuggedGrade

PRODUCT OVERVIEW

Classification	Premium
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	152.68 W
Reported Light Output	21948.8 lm
Reported CCT	5000 K
Reported CRI (Ra)	80
Product ID	PL1MILAPXKB8
DLC Family Code	EMWAFJ
Listing Status	Listed
Date Qualified	2021-08-17

PRODUCT INFORMATION

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL1MILAPXKB8
Manufacturer	RuggedGrade
Brand	RuggedGrade
Model Number	RGL-DURADO03-150DBSGSA1-ab[S;Blank]50
Parent	No
Classification	Premium

PRODUCT CATEGORIZATION

[VIEW DETAILS](#)

PRODUCT CAPABILITIES

[VIEW DETAILS](#)

REPORTED PHOTOMETRIC PERFORMANCE

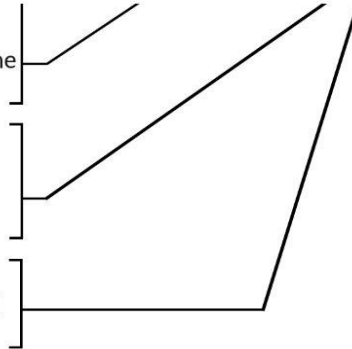
Reported Light Output	21948.8 lm
Reported Efficacy (AC)	143.76 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	80
Reported R9	4
Reported IES Rf	83
Reported IES Rg	95
Reported IES Rcs,h1	-12



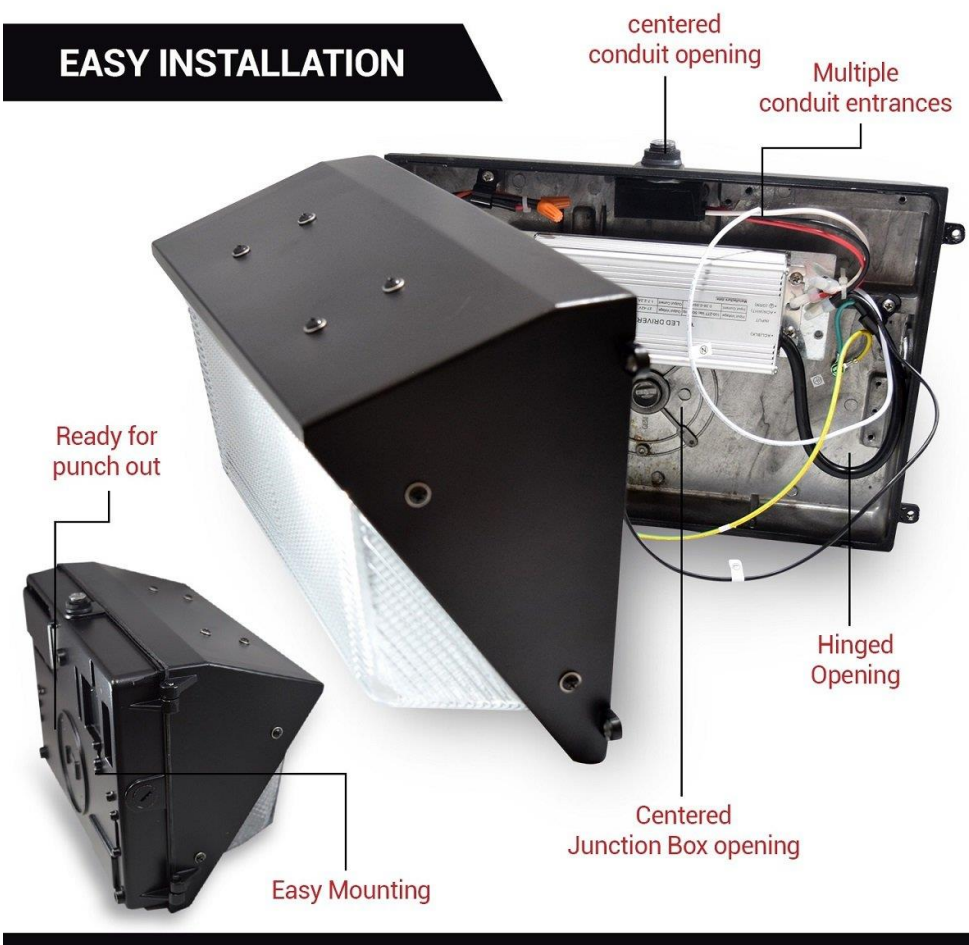


BETTER MATERIALS

- ▶ **SEMI CUT OFF DESIGN**
Larger top for DLC Premium & Dark Sky certification with more lighting getting to the ground.
- ▶ **PREMIUM POLYCARBONATE DIFFUSER**
Resists breaking and cracking while providing cleaner and more pleasing light.
- ▶ **ALUMINUM HOUSING**
Strong aluminum housing looks better and lasts longer than plastic.

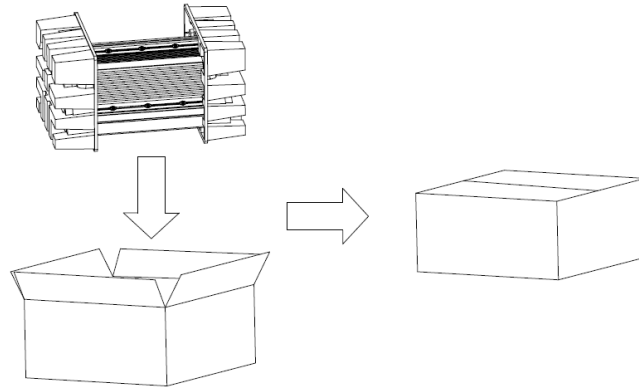


EASY INSTALLATION



PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	487*92*310MM	1 PC	3.6KG	4.5KG



NOTICE FOR USER

- Please turn off power before installing or changing/assembly any parts.
- Fixture wiring is black for hot/load lead, white for neutral lead and green/yellow for ground lead. Follow electrical code for all connections and wiring in and to the fixture.
- Professional installation recommended.

TROUBLE SHOOTINGS

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 back 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.**



CERTIFIED



LISTED



LEGENDARY RUGGEDGRADE QUALITY
LEGENDARY USA SUPPORT



US based
phone and online
customer support



ROCK SOLID
5 YEARS
WARRANTY

