

100W STELORA | LED SLIM WALL PACK LIGHT



PRODUCT DESCRIPTION

The new Stelora series wall pack is a thinner and smaller version of our top seller Durado Series. These wall packs provide safety and security by illuminating evenly the perimeter around buildings, warehouses, pathways, doorways, other commercial facilities, etc. With TunableTech by RuggedGrade you have the ability to choose wattage depending on your needs

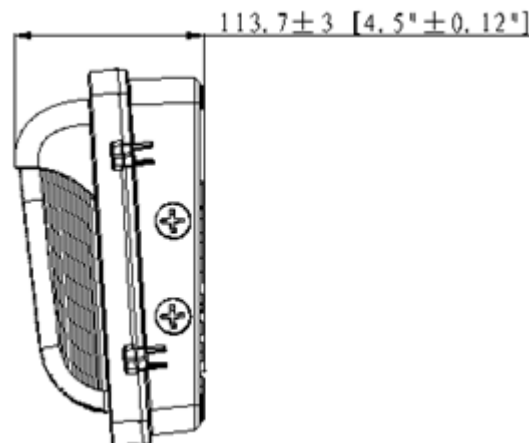
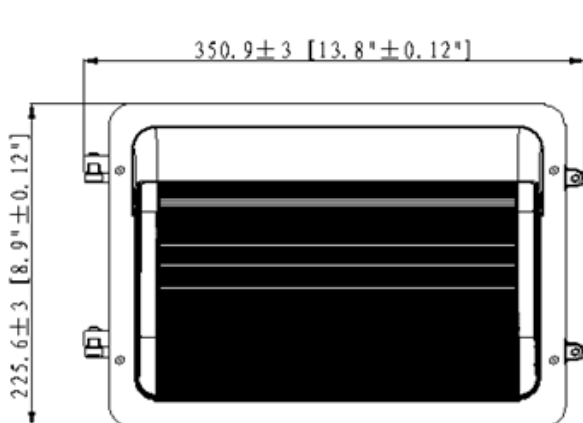


Part#: RG-Stelora-100W-WP-SLIM

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, certificate
- Lumileds 2835, high CRI.
- Input voltage 120-277VAC .
- Output constant current level can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Wattage adjustable feature enabled with wattage dial device (sold separately).
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

PRODUCT DIMENSIONS



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT



US based
phone and online
customer support



5 YEARS
WARRANTY



888-953-2476
sales@ruggedgrade.com



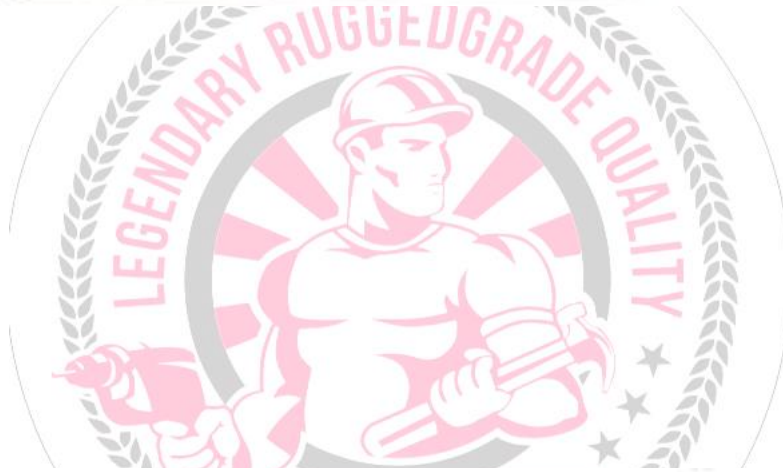
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	100W/80W/60W/40W		
	Color Temperature	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	13000LM	13800LM	13300LM
	Efficacy (Tolerance : -3%)	130LM/W	138LM/W	133LM/W
	CRI	>80		
	Color Consistency	< 7 Steps (or < 7 SDCM)		
	BUG	B2-U2-G2		
	Diffuser Type	stripe glass		
	Beam Angle (50%) (Tolerance :	H88*V76 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	< 60%		
	Driver Brand	Becky		
	Driver Model	BQE105C-130-PVF-PS/BQE105C-130-PVF-PSA		
	Driver Surge protection	L-N: 4kV , L&N-E:6kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	Occupancy Sensor, photocell		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	264*2PCS		
	Housing	Die-cast aluminum		
	Housing Color	All Color		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 45°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		

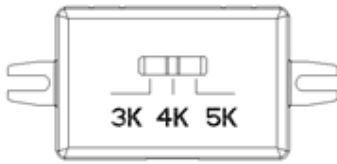
PRODUCT MOUNTS & ACCESSORIES



PRODUCT IMAGES & ACTUAL INSTALLATIONS



FUNCTIONS & INSTRUCTIONS



Color temperature adjustable instruction

- 1, The color temperature of the lamp turns to 3000K when the DIP switch is set to 3K;
- 2, The color temperature of the lamp turns to 4000K when the DIP switch is set to 4K;
- 3, The color temperature of the lamp turns to 5000K when the DIP switch is set to 5K;

Note: Please turn off the power before adjusting the color temperature.



Wattage adjustable instruction

The power of the lamp will change to the corresponding wattage when the DIP switch is set to L/ M/ H.
Adjustable wattage range: 25%-100%.

Note: Please turn off the power before adjusting the wattage.



Fig:1

Fig:2

Photocell:

Connection of male and female connector will help to turn on the photocell.(Fig:1)

Disconnection of male and female connector will help to turn off the photocell.(Fig:2)



PHOTOMETRICS

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.2 V

Power: 57.65 W

Current: 0.487 A

Power Factor: 0.986

Photometric Results

IES Classification: Type IV

Total Rated Lamp Lumens: 7826.5 lm

Efficiency: 100%

Upward Ratio: 6%

Central Intensity: 1550.77 cd

Pos of Max. Intensity: H90 V43

Longitudinal Classification: Very Short

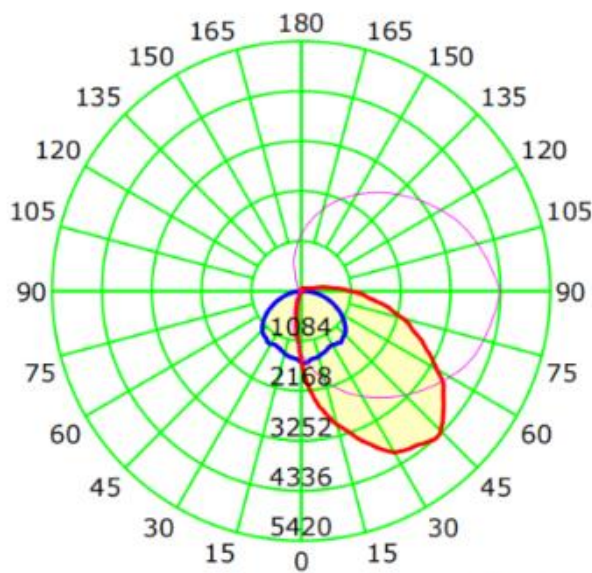
Measurement Flux: 7826.5 lm

Downward Ratio: 94%

Luminaire Efficacy Rating (LER): 135.81

Max. Intensity: 4336.2 cd

Luminous Intensity Distribution Curve



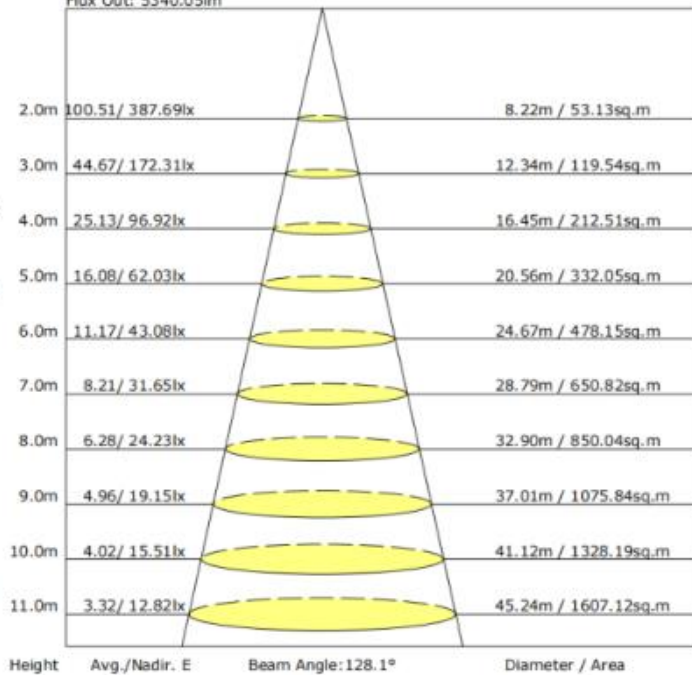
Unit: cd

Average Diffuse Angle(50%): 104.8°

— C0-C180 — C90-C270 - - G43

The Average Illuminance Effective Figure

Flux Out: 5340.05lm



Beam Angle: 128.1°



DLC PRODUCT INFO

Product ID: S-7QD5NQ

X



RGL-STE LORA-TT-100WBBSGDA1-abcd

Manufacturer: RuggedGrade
Brand: RuggedGrade

PRODUCT OVERVIEW

Model Number	RGL-STE LORA-TT-100WBBSGDA1-abcd
Classification	Premium
Primary Use	Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
Reported Input Wattage	97.3 W
Reported Light Output	12449 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-7QD5NQ
DLC Family Code	SLFHHW
Listing Status	Listed
Date Qualified	2025-03-24

PRODUCT INFORMATION

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-7QD5NQ
Manufacturer	RuggedGrade
Brand	RuggedGrade
Model Number	RGL-STE LORA-TT-100WBBSGDA1-abcd
Parent	Yes
Classification	Premium

PRODUCT CATEGORIZATION

[VIEW DETAILS](#)

CONTROL FEATURES

[VIEW DETAILS](#)

REPORTED PHOTOMETRIC PERFORMANCE

Reported Light Output	12449 lm
Reported Efficacy (AC)	128.01 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported RS	3
Reported IES Rf	83
Reported IES Rg	97
Reported IES Rcs,h1	-12

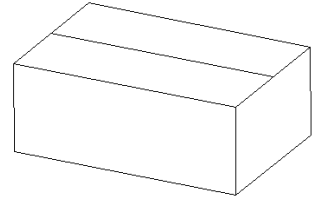
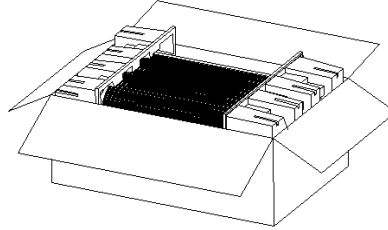
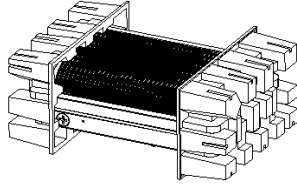
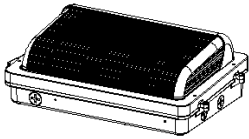
REPORTED ELECTRICAL PERFORMANCE

Reported Input Wattage	97.3 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	97.3 W
Reported Maximum Input Wattage	97.3
Reported Default Input Wattage	97.3 W
Voltage Range	120-277 V

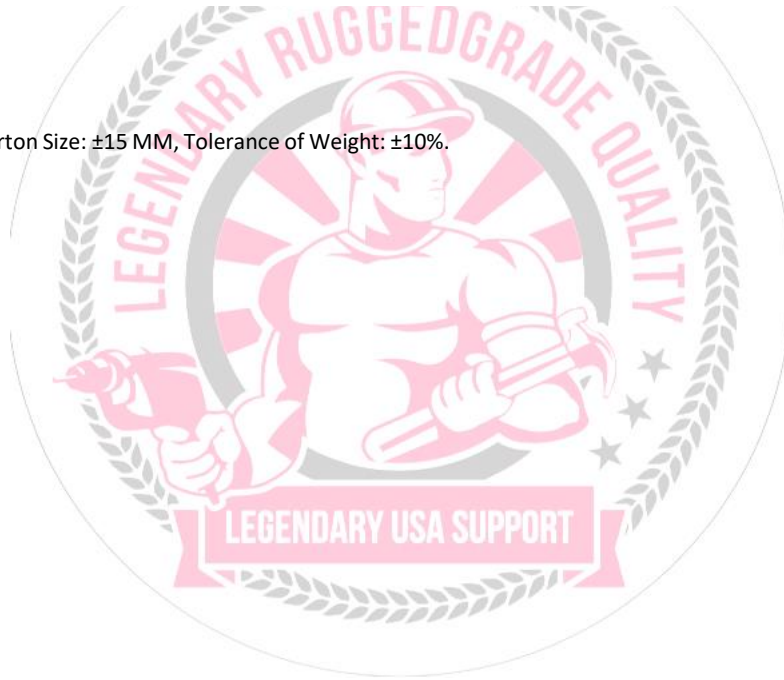


PRODUCT PACKAGING

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	383*270*165MM (15"*10.6"*6.5")	1 PCS	3.3KG (7.3lb)	4.2KG (9.3lb)



*Tolerance of Carton Size: ± 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.

