



### PRODUCT DESCRIPTION

THE NEW ZEVARIS S SERIES IS A REVOLUTIONARY NEW WORK LIGHT. IT IS THE IDEAL PRODUCT FOR REPLACING THE TRADITIONAL INCANDESCENT BULB OF SENIOR CRYSTALLINE LIGHT. IT IS SUPER ENERGY SAVING, WITH MORE THAN 80% DEDUCTION OF POWER CONSUMPTION THAN USING OF TRADITIONAL INCANDESCENT BULB.



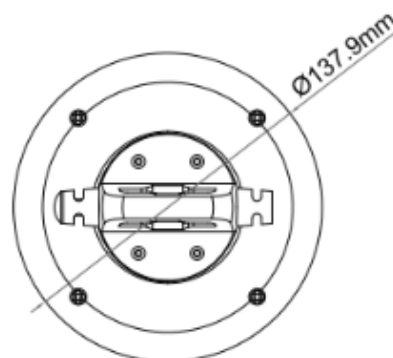
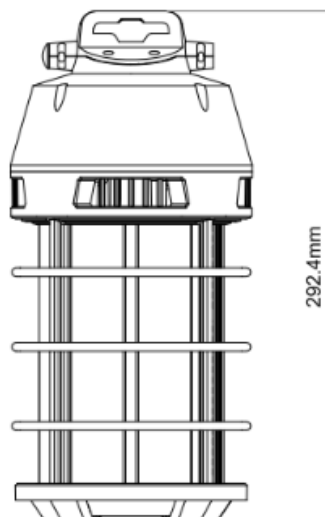
Part #: RGL-ZEVARIS-S-150W

### PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ UL cUL
- ✓ Input voltage 120-277Vac
- ✓ No UV or IR in the beam
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Surge 4kv-6kv
- ✓ Construction Site
- ✓ Residential renovations
- ✓ Dock etc.
- ✓ Shipyard, Airport, wharf



### PRODUCT DIMENSIONS



Rugged Grade Lighting  
Industrial Grade Solutions



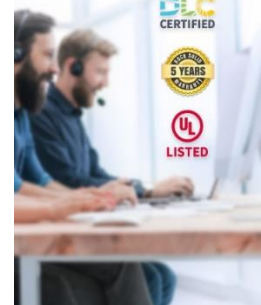
### LEGENDARY USA SUPPORT



US based  
phone and online  
customer support



5 YEARS  
WARRANTY



888-953-2476  
sales@ruggedgrade.com

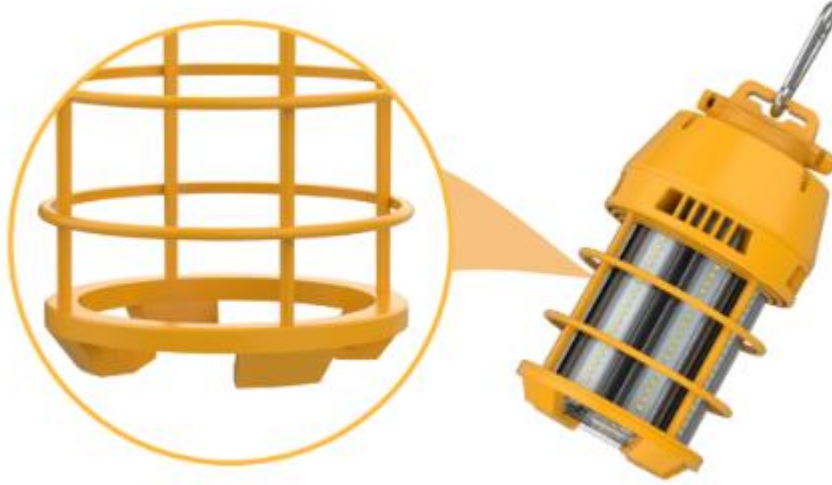
## PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	150W
	Color Temperature	5000K
	Lumen (Tolerance: -10%)	18,000LM
	Efficacy (Tolerance: -3%)	120 LM/W
	CRI	≥80
	Color Consistency	< 6 Steps (or < 6 SDCM)
	Beam Angle (50%) (Tolerance: ±15%)	120°
	Voltage	120-277vac
ELECTRICAL	PF (Tolerance: -3%)	≥0.90
	THD (Tolerance: +5%)	≤20%
	Flicker Percent	<70%
	Driver Brand	RG
	Driver Model	RG-150W-120v
	Driver Surge protection	L/N-PE: 4kV, L-N:4kV
	Dimming	None
	Accessories	None
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	200 PCS
	Housing	Aluminum Alloy
	Housing Color	Orange
	Waterproof Rating	Wet(IP65)
	Operating Temperature	-15~+45°C
OTHERS	Storage Temperature	0°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	3 years warranty for the lamp body/ 1 year warranty for

## PRODUCT ACCESORIES



PRODUCT IMAGES & FEATURES



360° plastic wrap

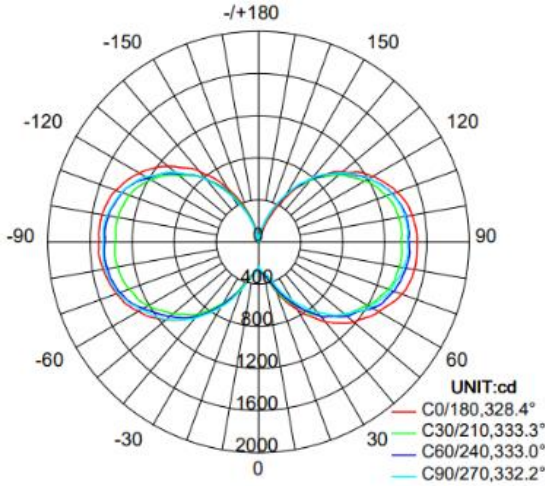


Air convection design with a good heat dissipation



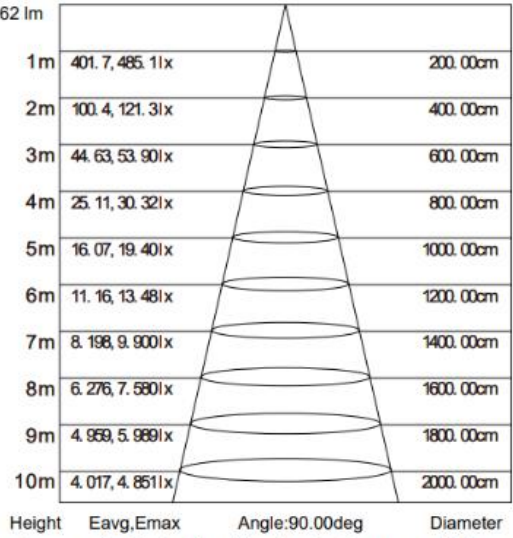
PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):331.7 DEG

Flux out:1262 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

ZEVARIS 150W

SPEC.	5000K
LAMP FLUX	13705.3x1 lm
RATED VOLTAGE(V)	100V-277V
TEST VOLTAGE(V)	230V
PF	0.9304
Test Distance	8.310m [K=1.0000]



## PRODUCT PACKAGING

Wattes	NW per lamp(kg) (lbs=kgx2.2)	G.W per Carton(kg) (lbs=kgx2.2)	Carton size(mm) (x0.0393=inch)	Quantity per carton
150W	1.94kg	11.0kg	363**415*361mm	4pcs

\*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.**

