

PRODUCT DESCRIPTION

The Top Rated Revati Series Gets Better! The Revati II Series has 140+ Lumens per Watt, bigger VP driver and is DLC 5.1 Premium Rated! It is fully tunable which allows you to adjust power output and color selection.

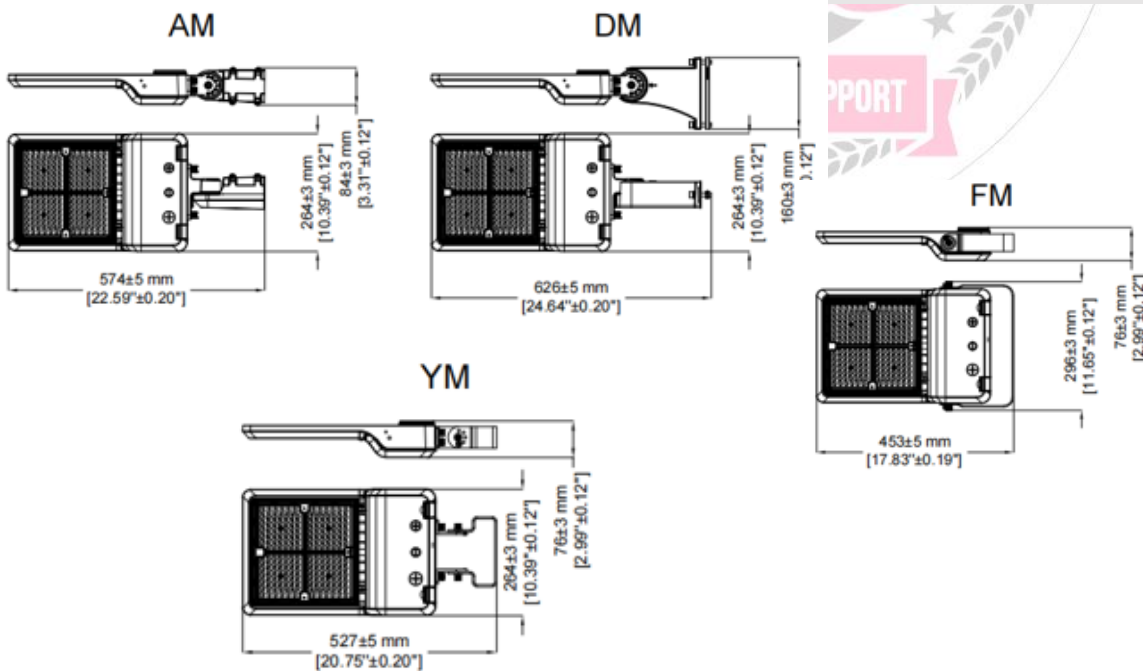


DLC #: RGL-REVATI-2-TT-150WBT3DA2

PRODUCT FEATURES & COMMON USE APPLICATIONS

- Lumileds 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;
- Outdoor basketball court, tennis court;
- Badminton court, the football field;
- The school playground, stadium;
- Community leisure entertainment plaza, road lamp etc;

PRODUCT DIMENSIONS



LEGENDARY USA SUPPORT





PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	150W (Wattage Adjustable Range : 25-100%)		
	Color Temperature	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	18900 LM	21450 LM	20400 LM
	Efficacy (Tolerance : ±3%)	126 LM/W	143 LM/W	136 LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B4-U0-G4		
	Distribution Pattern	Type III (Optional: TYPE II、 60°)		
ELECTRICAL	Beam Angle (50%) (Tolerance : ±5%)	155*90 Degree		
	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<5%		
	Driver Brand	RuggedGrade Lighting		
	Driver Model	RuggedGrade Lighting Driver		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard		
	Sensor Type	Occupancy Sensor、 Exterior Photocell、 Integral Sensor Receptacle		
	Optional Accessory	Photocontrol, Surge-protective Device, DC Motion Microwave sensor, DC Motion PIR sensor, photocell receptacle, shorting cap		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	182 PCS*2		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	0.42 ft²		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -35°C TO 50°C		
	Storage Temperature	-40°C TO 90°C		
	Operating Humidity	10% - 90% RH		
	Storage Humidity	5% - 95% RH		
	Warranty	5 years		

PRODUCT MOUNTS & ACCESSORIES

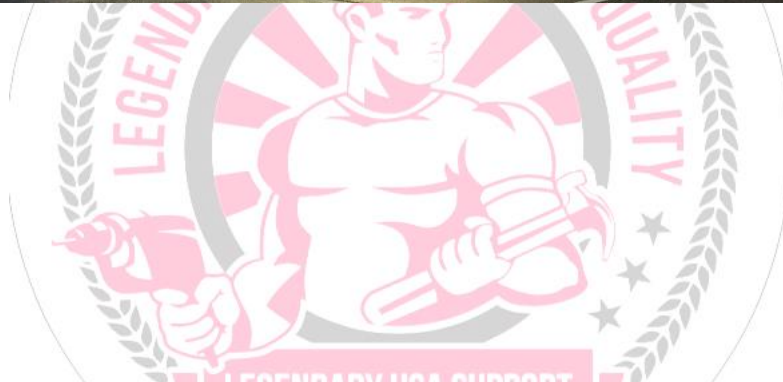


NEXTGEN 4 AND REVATI 2 MOUNTS & ACCESSORIES

<p>Slip Fit Mount (AM) 78-247 - Black 78-248 - Brown 78-298 - White</p>	<p>Direct Mount 78-244 Black 78-245 - Brown 78-269 - Silver/Gray 78-246 - White</p>	<p>Yoke Trunnion Mount (YM) 78-259 - Black 78-260 - Brown</p>	<p>Classic Yoke Mount (YM2 NG4 Only) 78-249 - Black 78-260 - Brown</p>	<p>Advance Microwave 5.8GHz Motion Sensor (NG4 & R2) 79-137</p>
<p>Flood Mount 78-251 - NG4 up to 300W Black 78-265 - R2 150W Black 78-266 - R2 300-450W Black</p>	<p>Mount Base (Between Light & Mount) 78-258 - NG4 78-349 - R2</p>	<p>Shields 78-264 - NG4 100-300W 78-283 - R2 150W 78-284 - R2 300W 78-285 - R2 450W</p>	<p>Yoke Mount (R2 Only) 78-274 - Black</p>	<p>RTX Series Remote Control for Motion Sensor 79-143</p>



PRODUCT IMAGES & ACTUAL INSTALLATIONS



PHOTOMETRICS

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 1.256 A
 Power Factor: 0.999

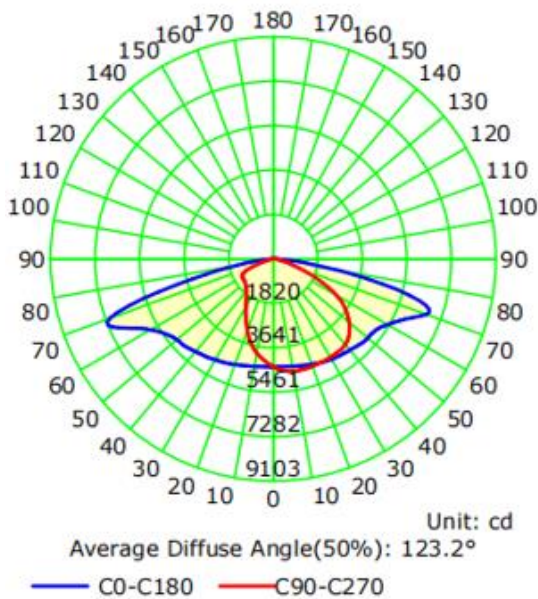
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 150.59 W

Photometric Results

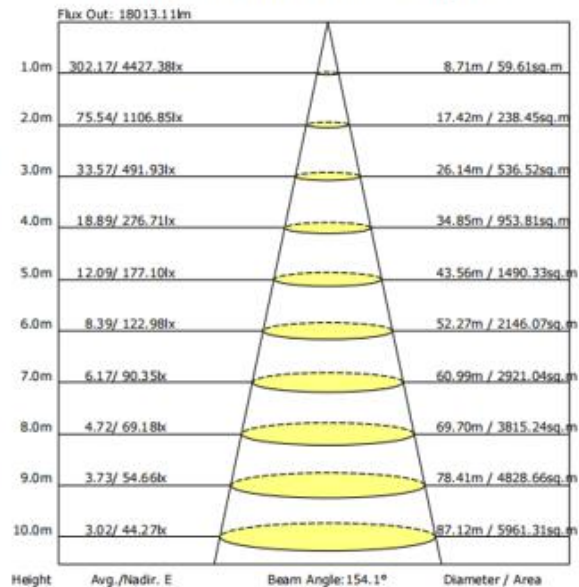
IES Classification: Type III
 Total Rated Lamp Lumens: 19029.1 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 4427.38 cd
 Pos of Max. Intensity: H180 V69
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 154.1, 92.3, 131.0, 129.8

Longitudinal Classification: Medium
 Measurement Flux: 19029.1 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 126.41
 Max. Intensity: 7282.43 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



DLC SPECS

Product ID: S-EJ35QL

X



RGL-REVATI-2-TT-150WBT3DA2-abcdefW

Manufacturer: RuggedGrade
Brand: RuggedGrade

PRODUCT OVERVIEW

Classification	Premium
Primary Use	Outdoor Pole/Arm Mounted Area and Roadway Luminaires
Reported Input Wattage	150.6 W
Reported Light Output	19029 lm
Reported CCT	3000 K
Reported CRI (Ra)	82
Product ID	S-EJ35QL
DLC Family Code	SLFAWX
Listing Status	Listed
Date Qualified	2023-12-13

PRODUCT INFORMATION

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-EJ35QL
Manufacturer	RuggedGrade
Brand	RuggedGrade
Model Number	RGL-REVATI-2-TT-150WBT3DA2-abcdefW
Parent	Yes
Classification	Premium

PRODUCT CATEGORIZATION

[VIEW DETAILS](#)

CONTROL FEATURES

[VIEW DETAILS](#)

REPORTED PHOTOMETRIC PERFORMANCE

Reported Light Output	19029 lm
Reported Efficacy (AC)	126.36 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	82
Reported R9	3
Reported IES Rf	84
Reported IES Rg	97
Reported IES Rcs,h1	-12

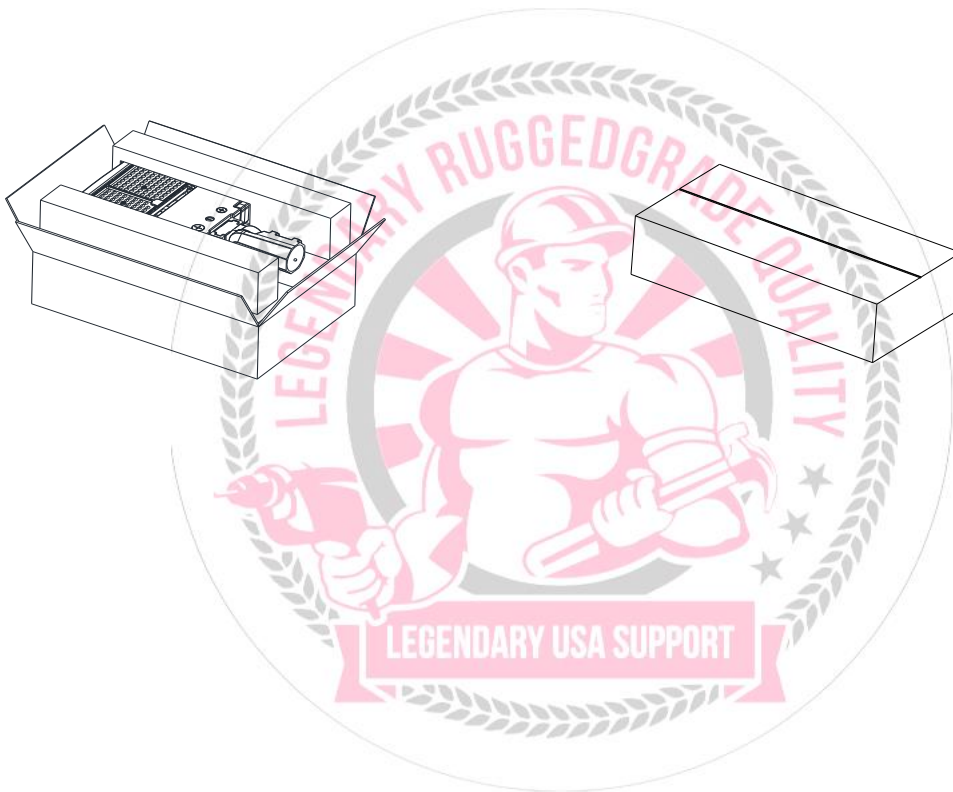
REPORTED ELECTRICAL PERFORMANCE

Reported Input Wattage	150.6 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	37.5 W
Reported Maximum Input Wattage	150.6
Reported Default Input Wattage	150.6 W
Voltage Range	120-277 V



PRODUCT PACKAGING

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	640*312*148mm [25.19*12.28*5.827 inch]	1pcs	3.96kg [8.71 LBS]	4.62kg [10.16 LBS]
DM		1pcs	4.08kg [8.98 LBS]	4.74kg [10.43 LBS]
YM		1pcs	4.18kg [9.19 LBS]	4.84kg [10.65 LBS]
FM	600*312*148mm [23.62*12.28*5.827 inch]	1pcs	3.93kg [8.65 LBS]	4.59kg [10.11 LBS]



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.**

