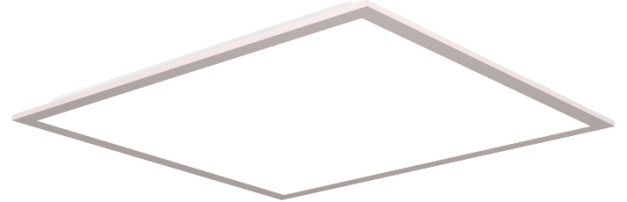


PRODUCT DESCRIPTION

New Fully Tunable Panel allows you to perfectly customize your settings to fit your needs. 3CCT switch makes it easy to switch between 3000k, 3500k, 4000k, 5000k and 6000K also the wattage selectable switch allows you to dim the light as needed.

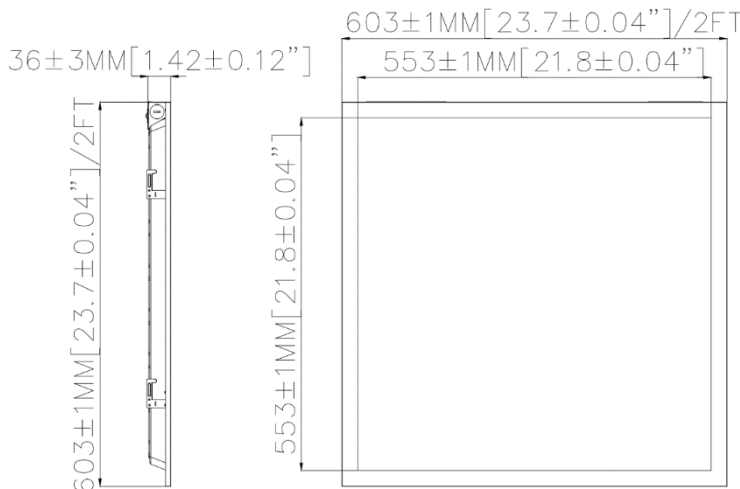


#: RGL-ALTOVA-40W-TT

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL Cul, certificate.
- Lumileds or Samsung 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.
- Warehouse, factory, and workshops.
- Highway toll station and gas station.
- Exhibition hall.
- Schools
- Offices
- Gymnasium and supermarkets, etc

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 IMAGES & ACTUAL INSTALLATIONS

OPTICAL	Input Power (Tolerance : ±10%)	40W (Wattage adjustable : 100-50%)				
	Color Temperature	3500K	4000K	5000K	5700K	6500K
	Lumen (Tolerance : -10%)	5000	5360	5440	5400	5080
	Efficacy (Tolerance : -3%)	125LM/W	134LM/W	136LM/W	135LM/W	128LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7 SDCM)				
	UGR (Glare Rating)	< 28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens				
Beam Angle (50%) (Tolerance :	110 Degree					
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz (120-347vac optional)				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<5%				
	Driver Brand	CUPOWER				
	Driver Model	XZ-SL50B-450080-W-H				
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV				
	Dimming	1-10V dimming (dimming scope 10-100%)				
Optional Accessory	Motion Sensor, Surge-protective Device					
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	140PCS				
	Housing	Aluminum + IRON				
	Housing Color	White				
	Waterproof Rating	Damp (IP40)				
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -20°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

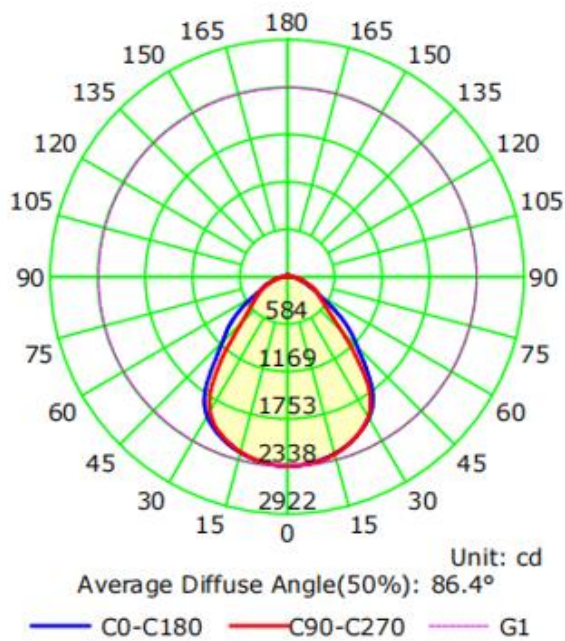


PHOTOMETRICS

Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 4934.1 lm
Measurement Flux: 4934.1 lm	Efficiency: 100.00%
Downward Ratio: 99.07%	Upward Ratio: 0.93%
Horizontal Diffuse Angle(10%,50%): H142.9,H90.4	
Vertical Diffuse Angle(10%,50%): V143.7,V82.4	
Luminaire Efficacy Rating (LER): 125.15	Central Intensity: 2334.51 cd
Max. Intensity: 2338.33 cd	Pos of Max. Intensity: H45 V1
S/MH(C0/C180): 1.26	S/MH(C90/C270): 1.23

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure

Flux Out: 3356.66lm

Height	Avg./Nadir, E	Beam Angle: 90.4°	Diameter / Area
1.0m	053.73/ 2334.51lx		2.01m / 3.19sq.m
2.0m	263.43/ 583.63lx		4.03m / 12.74sq.m
3.0m	17.08/ 259.39lx		6.04m / 28.67sq.m
4.0m	65.86/ 145.91lx		8.06m / 50.97sq.m
5.0m	42.15/ 93.38lx		10.07m / 79.64sq.m
6.0m	29.27/ 64.85lx		12.08m / 114.68sq.m
7.0m	21.50/ 47.64lx		14.10m / 156.09sq.m
8.0m	16.46/ 36.48lx		16.11m / 203.87sq.m
9.0m	13.01/ 28.82lx		18.13m / 258.03sq.m
10.0m	10.54/ 23.35lx		20.14m / 318.55sq.m



DLC PRODUCT INFO

Product ID: S-H95BFN

X



RGL-ALTOVA-TT-40WBMCI1A1-abcd

Manufacturer: RuggedGrade
Brand: RUGGEDGRADE

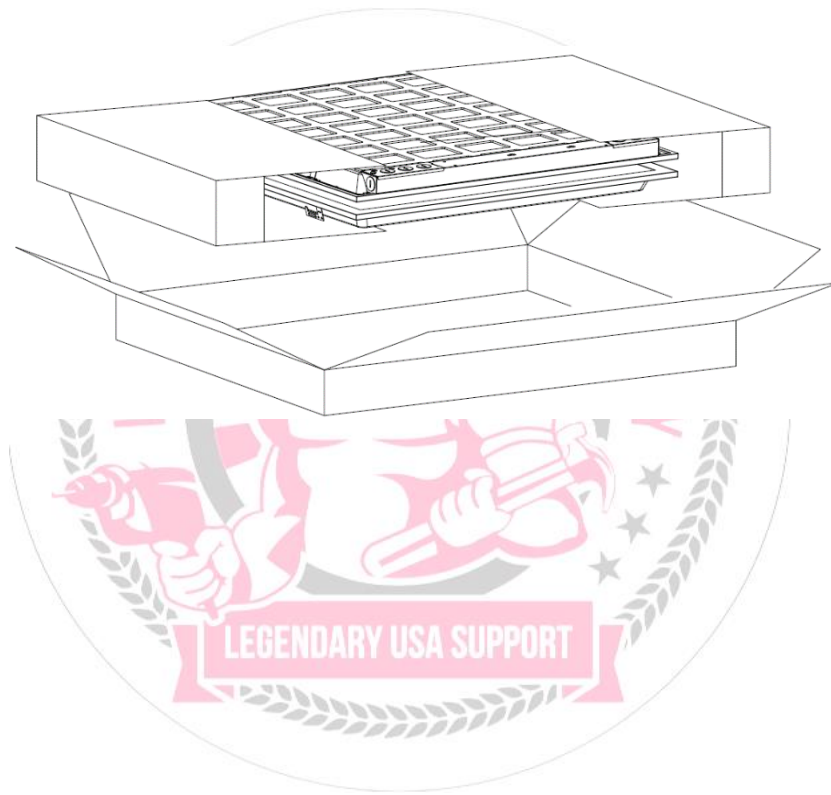
PRODUCT OVERVIEW		PRODUCT INFORMATION	
Model Number	RGL-ALTOVA-TT-40WBMCI1A1-abcd	Qualified Product List	Solid State Lighting
Classification	Premium	Technical Requirements Version	5.1
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces	Product ID	S-H95BFN
Reported Input Wattage	38.3 W	Manufacturer	RuggedGrade
Reported Light Output	5036 lm	Brand	RUGGEDGRADE
Reported CCT	3500 K	Model Number	RGL-ALTOVA-TT-40WBMCI1A1-abcd
Reported CRI (Ra)	84	Parent	Yes
Product ID	S-H95BFN	Classification	Premium
DLC Family Code	NQZSZC	PRODUCT CATEGORIZATION VIEW DETAILS	
Listing Status	Listed	CONTROL FEATURES VIEW DETAILS	
Date Qualified	2025-08-21	REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS	
		REPORTED ELECTRICAL PERFORMANCE	
		Reported Input Wattage	38.3 W
		Reported Total Harmonic Distortion	15 %
		Reported Power Factor	0.9
		Reported Minimum Input Wattage	20 W
		Reported Maximum Input Wattage	38.3
		Reported Default Input Wattage	38.3 W
		Voltage Range	120-277 V
		TESTED PHOTOMETRIC PERFORMANCE	
		Tested Voltage for Minimum Efficacy	277
		Tested Light Output	5004 lm
		Tested Efficacy (AC)	130.93 lm/W
		Tested CCT	3458 K
		Tested CRI (Ra)	84
		Tested R9	13
		Tested IES Rf	84
		Tested IES Rq	98



PRODUCT PACKAGING

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	625*625*110 MM [24.6*24.6*4.33 inch]	2 PC	4.0KG [8.8LBS]	5.8KG [12.8LBS]
Outer box (Emergency Power Supply)	625*625*110 MM [24.6*24.6*4.33 inch]	2 PC	5.2KG [11.4LBS]	7.0KG [15.4LBS]

*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.**

