

100W Corvus III TT | LED UFO HIGHBAY LIGHT



RuggedGrade

PRODUCT DESCRIPTION

Corvus III builds on its legendary value, now with a sleek & smaller design sporting advanced and improved standard features, including Wattage and Color selectable options. Making Corvus III one of the top Fully Tunable selling and brightest High Bay Light in the market. The Corvus series now include shatter proof lenses with a rating of IK08.



PART #: RGL-CORVUS3-TT-100W

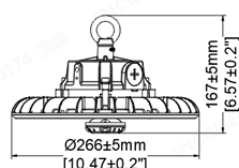
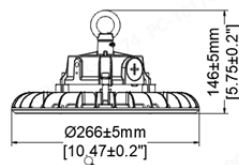
DLC#: S-168N6R

PRODUCT FEATURES & COMMON USE APPLICATIONS

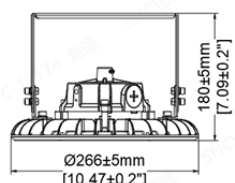
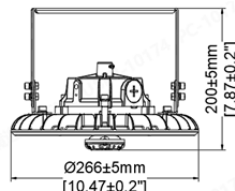
- UL cUL certificate.
- Wattage and Color Selectable
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- IK08 shatter proof lenses included
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Warehouse, factory, and workshops.
- Highway toll station and gas station.
- Exhibition hall.
- Gymnasium and supermarkets, etc

PRODUCT DIMENSIONS

Pendent



Surface-mounted



Rugged Grade Lighting
Industrial Grade Solutions



888-953-2476
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PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	Wattage Selectable: 100/80/60 Watts		
	Color Temperature (Color	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	14500LM	16000LM	15000LM
	Efficacy (Tolerance : -3%)	145LM/W	160LM/W	150LM/W
	CRI	>80		
	Color Consistency	< 7 Steps (or < 7 SDCM)		
	Diffuser Type	PC Lens		
	Beam Angle (50%) (Tolerance :	90 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥ 0.9		
	THD (Tolerance : $+5\%$)	$\leq 20\%$		
	Flicker Percent	< 5%		
	Driver Brand	Sosen		
	Driver Model	SS-100CNH-300BHD		
	Driver Surge protection	L/N- PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard (IEC 60929 Annex E) Minimum dimming percentage is 10%		
MATERIALS	Optional Accessory	NA		
	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	270PCS		
	Housing	Die-cast aluminum		
	Housing Color	Black, White, or Customized		
	Waterproof Rating	WET (IP65)		
	Receptacle Type	Other		
	Integral Sensor Function	Daylight Sensor, Occupancy Sensor		
	Integral Sensor Technology	Motion Microwave sensor, Motion PIR sensor		
	Integral Sensor Maximum Mounting Height (ft)	39ft		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C With Motion Sensor: -30°C TO 50°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



DLC PRODUCT INFO



DLC QPL / Products / Product Details

Model Number
RGL-CORVUS3-TT-100WS1B1T2A1-abcdD

Manufacturer
RuggedGrade

Brand
RuggedGrade

● SSL V6.0 Premium

Product ID: S-168N6R



Product Overview 19 fields

CATEGORY ⓘ Indoor Luminaires	GENERAL APPLICATION ⓘ High-Bay
PRIMARY USE ⓘ High-Bay Luminaires for Commercial and Industrial Buildings	CLASSIFICATION ⓘ Premium
TECHNICAL REQUIREMENTS VERSION ⓘ 6.0	DLC FAMILY CODE ⓘ QMTCLR
BRAND ⓘ RuggedGrade	
PARENT Yes	LISTING STATUS Listed
DATE QUALIFIED 2026-05-07	
REPORTED INPUT WATTAGE ⓘ 97.3 W	REPORTED LIGHT OUTPUT ⓘ 15,258 lm
REPORTED CCT ⓘ 5000 K	REPORTED CRI ⓘ 80
REPORTED R9 ⓘ -8	REPORTED IES RF 82
REPORTED IES RG 95	REPORTED IES RCS,H1 -13
INPUT POWER TYPE ⓘ AC	



PRODUCT PACKAGING

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	270*270*115mm [10.63*10.63*4.53 inch]	1 PCS	1.8kg [3.97 LBS]	2.0kg [4.41 LBS]
Outer box	280*280*255mm [11.02*11.02*10.04 inch]	2 PCS	3.5KG[7.72LBS]	4.5KG[9.92LBS]

*Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±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.

