

AURORA-U Series



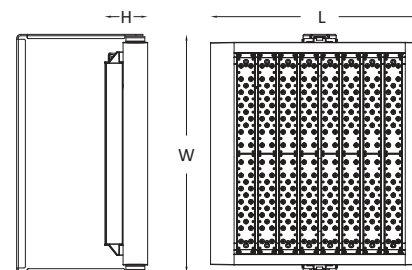
As the name implies, AURORA-U Series is a truly high output solution. The luminaires are not only able to replace up to 4000W HID but also provides excellent illumination performance and energy savings.



FEATURES & BENEFITS

- Industry-leading LED lighting solution for ultra-high lumen output applications. Successful replacement for traditional 1000W, 2000W and 4000W Metal Halide lights.
- Conforms to IEC/EN standards for wind force and vibration tests.
- Sleek design construction prevents build-up of dust particles and potentially damaging airborne particles.
- Minimum 100µm Corrosion resistant polyester powder coating. Certified according to 1000 hours salt spray testing standard ASTM B117 / ISO 9227:2012.
- Proven IP67 ingress protection, and IK08 mechanical impact resistance rated.
- Adjustable yoke mounting bracket provides +/-75° rotation.
- 15+ light distributions are available for virtually any application.
- Standard 5 or 10 years limited warranty are optional.

DIMENSIONAL DRAWING



TECHNICAL PARAMETERS

Power	450-900W
Input	120-277VAC or 220-240VAC or 347-480 VAC
PF	>0.95
THD	<20% (120-277VAC)/<10% (220-240VAC)
L85	>60,000H
Operating Temperature	-40°C ~ +50°C
Typical Efficacy	100lm/W or 110lm/W or 120lm/W
ANSI CCT	3000K/4000K/5000K/5700K
Min CRI	70* or 80 or 85

* Standard

IP Rating	IP67
SPD	Optional
Certificate	UL/ CUL/DLC/LM79 / CB/CE/ RoHS /IK08
DALI	Optional
0-10V	Optional
Photocell	/
Smart Control	/
Optic (IESNA)	Type I, Type II, Type III, Type IV, Type V
Color Options	Black/Grey/Bronze/White

APPLICATIONS

- Airport lighting
- Auto dealership lighting
- Architecture lighting
- Industrial & warehouse lighting
- High mast lighting
- Stadium lighting



Shenzhen, China



Israel

AURORA-U Series

BRIEF SPECIFICATIONS

Model No.	System Power	LED Modules	LEDs	Net Weight	Gross Weight	Dimensions (L x W x H)	Carton Dimensions (L x W x H)	Luminous Flux		Efficacy* (lm/W)
								3000K	4000K/5000K	
FLD: 120-277VAC or 220-240VAC 75W/module										
FLD450-U	457.5W	6	216	19.63(43.28lbs)	21.68(47.80lbs)	502 x 680 x 123(mm) 19.76" x 26.77" x 4.84"	605 x 740 x 170(mm) 23.82" x 29.13" x 6.69"	44117 lm	50133 lm	110
FLG600-U	606.6W	8	288	23.21(51.17lbs)	25.76(56.79lbs)	622 x 680 x 123(mm) 24.49" x 26.77" x 4.84"	725 x 740 x 170(mm) 28.54" x 29.13" x 6.69"	58316 lm	66268 lm	109
FLD750-U	757.3W	10	360	27.45(60.52lbs)	30.07(66.29lbs)	742 x 680 x 123(mm) 29.21" x 26.77" x 4.84"	845 x 740 x 170(mm) 33.27" x 29.13" x 6.69"	72808 lm	82736 lm	109
FLD900-U	911.2W	12	432	30.72(67.73lbs)	33.72(74.34lbs)	862 x 680 x 123(mm) 33.94" x 26.77" x 4.84"	965 x 740 x 170(mm) 37.99" x 29.13" x 6.69"	88869 lm	100987 lm	111
FLG: 347-480VAC 75W/module										
FLG450-U	457.5W	6	216	19.63(43.28lbs)	21.68(47.80lbs)	502 x 680 x 123(mm) 19.76" x 26.77" x 4.84"	605 x 740 x 170(mm) 23.82" x 29.13" x 6.69"	44117 lm	50133 lm	110
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*CCT 4000K/5000K/5700K

ORDERING INFORMATION

MODEL (Nominal Power)		MOUNTING	OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
FLD450 450W	FLG450* 450W	U	T1M Type I Medium	30K 3045	BK** Black (RAL:9011)	00 Not required	Bird Spike
FLD600 600W	FLG600* 600W		T2M Type II Medium	±175K	GR Grey (RAL:7004)	04 DALI	10KA/20KA Surge Protection Device
FLD750 750W	FLG750* 750W		T3M Type III Medium	40K** 3985	BZ Bronze (RAL:8014)	05 1-10V dimming	Back Light Shield
FLD900 900W	FLG900* 900W		T3L Type III Long	±275K		WH White (RAL:9010)	Safety Cable
			T4S Type IV Short	50K** 5028			
			T5U Average beam angle 10°	±283K			
			T5V Average beam angle 25°	57K 5665			
			T5W Average beam angle 40°	±355K			
			T5S Average beam angle 60°				
			T5M Average beam angle 90°				
		T5L Average beam angle 120°					
		T5D Diffuser					

* DALI & Motion sensor unavailable

** In Stock

● Example 1: FLD900-U-T5S-50K-GR-00

● Example 2: FLG750-U-T5U-50K-BK-01