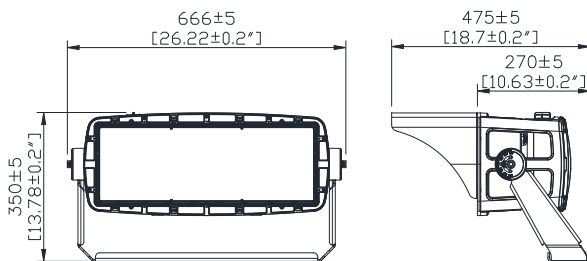




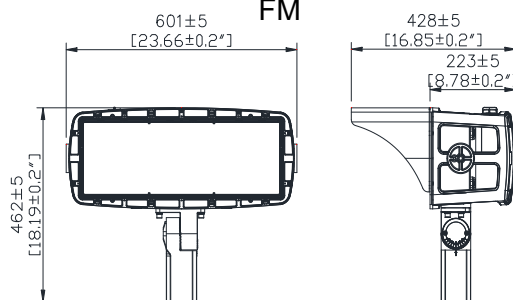
AM

TM

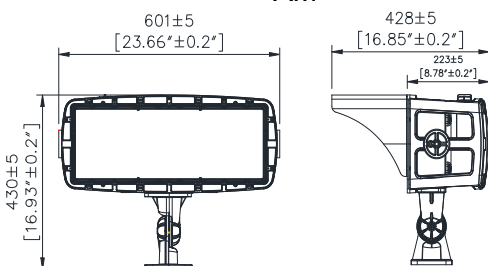
DIMENSIONS



FM



AM



TM

ADVANTAGE

- UL cUL certificate
- Wattage adjustable
- Input voltage 200-480Vac
- 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
- Output constant current lever can be adjusted through output cable with 0-10V.

APPLICATION

- ◆ Gymnasium;
- ◆ Square plaza;
- ◆ Shipyard, Airport ,wharf;
- ◆ High mast and Contour lighting, etc.

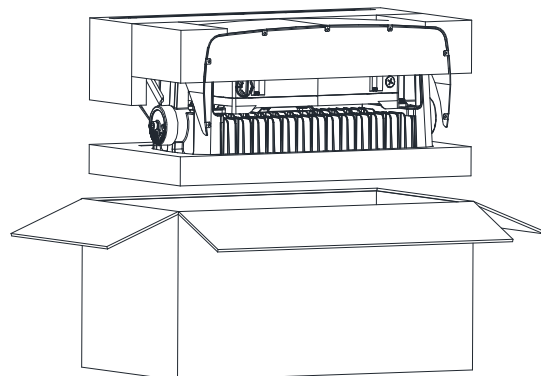
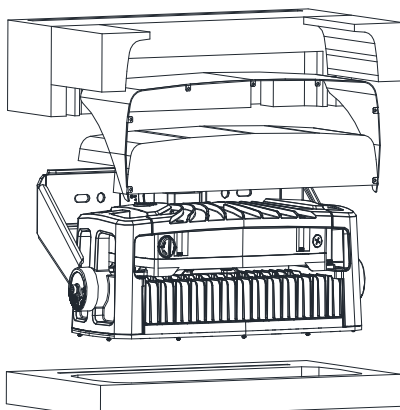
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	800W(600w/700w/800w Wattage adjustable range 95%-30%)
	Color Temperature	4000K/4500K/5000K/5700K
	Lumen (Tolerance : $\pm 10\%$)	112000 LM
	Efficacy (Tolerance : $\pm 3\%$)	140LM/W
	CRI	>70
	Color Consistency	<7 Steps (or <7 SDCM)
	BUG	B4-U0-G5
	Distribution Pattern	NEMA:4
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	35 Degree
ELECTRICAL	Input Voltage and Frequency	200-480VAC, 50/60Hz
	PF (Tolerance : -3%)	≥ 0.9
	THD (Tolerance : +5%)	$\leq 20\%$
	Flicker Percent	<5%
	Driver Brand	uPowerTek
	Driver Model	TLD-800-C420-ENU
	Driver Surge protection	L/N-PE: 10kV, L-N: 6kV
	Dimming	0-10V dimming standard
	Sensor Type	Integral Sensor Receptacle
	Optional Accessory	Sensor Receptacle+Photosensor /Sensor Receptacle+Short Cap , Surge-protective Device
	MATERIALS	LED Brand
LED Type		SMD3030
LED QTY		672 PCS
Housing		Die-cast aluminum
Housing Color		Bronze, Black, or Customized
EPA		2.0ft ²
Waterproof Rating		WET (IP65)
OTHERS	Operating Temperature	-40°C TO 45°C
	Storage Temperature	-40°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years

PACKAGE

Stent Type	Lamps Net Weight	Size	Qty/ Carton	Weight/ Carton
FM	20Kg (44.1lbs)	700*400*300mm (27.56"*15.75"*11.81")	1 PC	22.5Kg (49.6lbs)

Tolerance of Carton Size: ± 15 MM[± 0.59 inch], Tolerance of Weight: $\pm 10\%$.



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 2.837 A
 Power Factor: 0.994

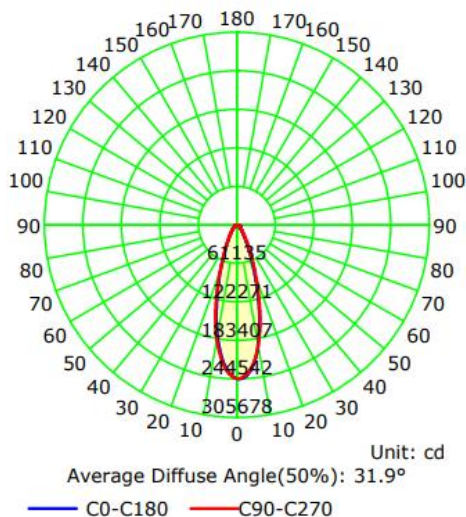
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 277.0 V
 Power: 781.23 W

Photometric Results

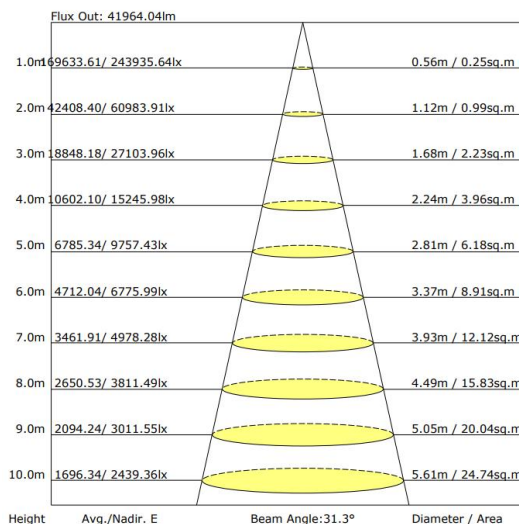
IES Classification: Type I
 Total Rated Lamp Lumens: 111020.3 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 243935.64 cd
 Pos of Max. Intensity: H0 V1
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 31.3, 32.5, 32.4, 31.4

Longitudinal Classification: Very Short
 Measurement Flux: 111020.3 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 142.16
 Max. Intensity: 244542.96 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- 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.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.