



35W

YM
(Inside the box)



80W

AM
(Inside the box)



120W 150W

Specifications

Model No		AST-FL19-35WBH8DC1- BRPAMW30/40/50	AST-FL19-80WBH8DC2- BRPYMW30/40/50	AST-FL19-120WBH8DC1- BRPYMW30/40/50	AST-FL19-150WBH8DC1- BRPYMW30/40/50
OPTICAL	Power	35W/25W/15W ADJ	80W/60W/50W ADJ	120W/100W/80W ADJ	150W/130W/120W ADJ
	Lumen	4375-4900LM	10000-11200LM	15000-16800LM	19500-21750LM
	Lumen Efficacy	125-140LM/W	125-140LM/W	125-140LM/W	130-145LM/W
	Viewing Angle	115*100°	115*100°	115*100°	115*100°
	CCT	3000K/4000K/5000K (Adjustable)	3000K/4000K/5000K (Adjustable)	3000K/4000K/5000K (Adjustable)	3000K/4000K/5000K (Adjustable)
ELECTRICAL	Input Voltage	120-347VAC 50/60Hz	120-347VAC 50/60Hz	120-347VAC 50/60Hz	120-347VAC 50/60Hz
	PF	≥0.9	≥0.9	≥0.9	≥0.9
	THD	≤20%	≤20%	≤20%	≤20%
	Driver Model	March	Becky	Becky	Becky
	Dimming	0-10V dimming	0-10V dimming	0-10V dimming	0-10V dimming
MATERIALS	LED Type	SMD2835	SMD2835	SMD2835	SMD2835
	LED QTY	112 PCS	264 PCS	396 PCS	480 PCS
	Housing	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
	Cover	Glass	Glass	Glass	Glass
OTHERS	Waterproof Rating	WET (IP65)	WET (IP65)	WET (IP65)	WET (IP65)
	Operating Temperature	-30°C TO 50°C	-30°C TO 50°C	-30°C TO 50°C	-30°C TO 50°C
	Operating Humidity	20%-90% RH	20%-90% RH	20%-90% RH	20%-90% RH
	Storage Temperature	-40°C TO 80°C	-40°C TO 80°C	-40°C TO 80°C	-40°C TO 80°C
	Storage Humidity	10%-90% RH	10%-90% RH	10%-90% RH	10%-90% RH
Warranty Time	5 Years	5 Years	5 Years	5 Years	

ADVANTAGE

- UL cUL certificate.
- IP65 driver, input voltage 120-347VAC.
- 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 humming.
- Green and eco-friendly without mercury.

APPLICATION

- Outdoor basketball court, tennis court, Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza.
- Warehouse, factory and workshops.
- Highway toll station.
- Meeting room, exhibition hall.
- Gymnasium and supermarkets, etc.



LIGHT DISTRIBUTION TESTING PARAMETERS (120W)

Luminaire Property

Luminaire Manufacturer: Votatec
 Luminaire Category: LED Flood Light
 Lamp Catalog: 7H7V
 Number of Lamps: 396 pcs
 Luminous Length (mm): 226 mm
 Luminous Height (mm): 146 mm
 Current: 1.014 A
 Power Factor: 0.999

Luminaire Description: FL19
 Lamp Description: Lumileds 2835
 Lumens per Lamp: 16365.1 lm
 Luminous Width (mm): 146 mm
 Voltage: 120.0 V
 Power: 121.52 W

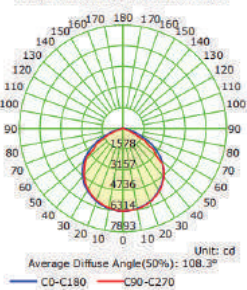
Photometric Results

IES Classification: Type II
 Total Rated Lamp Lumens: 16365.1 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 6302.36 cd
 Pos of Max. Intensity: H67.5 V3
 Beam Angle(C0/C180, C90/C270, C45/C225, C135/315): 112.0, 104.6, 113.3, 112.9

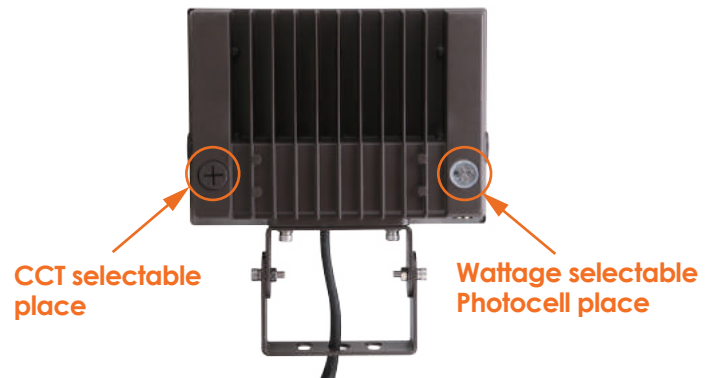
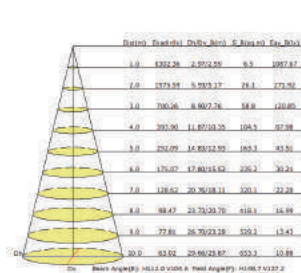
Longitudinal Classification: Very Short
 Measurement Flux: 16365.1 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 134.72
 Max. Intensity: 6314.75 cd

	Watt	3000K	4000K	5000K
35W/25W/15W	35W	4375LM	4900LM	4725LM
	25W	3125LM	3500LM	3375LM
	15W	1875LM	2100LM	2025LM
80W/60W/50W	80W	10000LM	11200LM	10800LM
	60W	7500LM	8400LM	8100LM
	50W	6250LM	7000LM	6750LM
120W/100W/80W	120W	15000LM	16800LM	16200LM
	100W	12500LM	14000LM	13500LM
	80W	10000LM	11200LM	10800LM
150W/130W/120W	150W	19500LM	21750LM	21000LM
	130W	16900LM	18850LM	18200LM
	120W	15600LM	17400LM	16800LM

Luminous Intensity Distribution Curve



Illuminance at a Distance



DIMENSIONS

