



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 (Adj)	3000K/4000K/5000K (Adj)	3000K/4000K/5000K (Adj)	3000K/4000K/5000K (Adj)
ELECTRICAL	CRI	>80	>80	>80	>80
	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
MATERIALS	Dimming	0-10V dimming	0-10V dimming	0-10V dimming	0-10V dimming
	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.



LIGHT DISTRIBUTION TESTING PARAMETERS (120W)

Luminaire Property

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

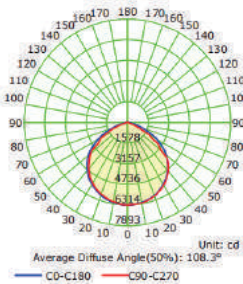
Luminaire Description: FL19
 Lamp Description: Lumileds 2835
 Lumens per Lamp: 16365.1 lm
 Luminous Width (mm): 146 mm
 Voltage: 120.0 V
 Power: 121.52 W

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

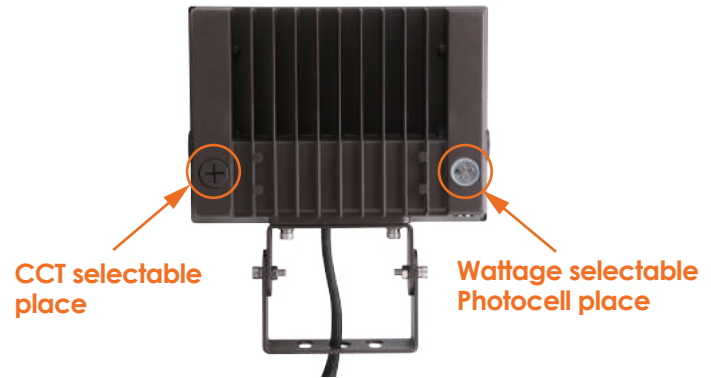
Longitudinal Classification: Very Short
 Measurement Flux: 16365.1 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 134.72
 Max. Intensity: 6314.75 cd

Luminous Intensity Distribution Curve

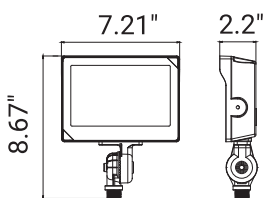


Illuminance at a Distance

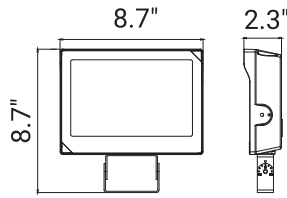
Height	Beam Diameter	Illuminance	Foot-Candle	Foot-Candle	Foot-Candle
1.0	1.0	16365.1	1464.0	1464.0	1464.0
2.0	2.0	4081.3	363.5	363.5	363.5
3.0	3.0	1818.2	162.7	162.7	162.7
4.0	4.0	1022.8	91.5	91.5	91.5
5.0	5.0	654.7	58.3	58.3	58.3
6.0	6.0	459.8	41.1	41.1	41.1
7.0	7.0	336.4	29.9	29.9	29.9
8.0	8.0	272.0	24.3	24.3	24.3
9.0	9.0	222.8	19.8	19.8	19.8
10.0	10.0	184.6	16.4	16.4	16.4



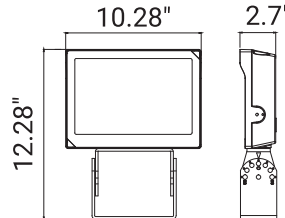
DIMENSIONS



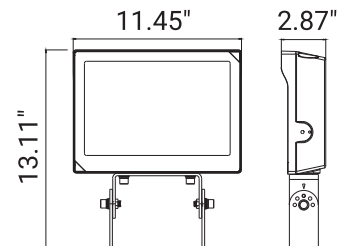
35W



80W



120W



150W

