



240W-300W Flood LED Luminaire



CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish. Aluminum reflector and UV resistant plastic lense.

OPTICAL SYSTEM:

Lumileds 3030 LED chips. High quality transmission plastic optics.130*100° beam angle.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
AST-FL13-240S2BT7SA1	0.9	240W	2.0A	0.86A	153LM/W	5700K
AST-FL13-300S2BT7SA1	0.9	300W	2.5A	1.08A	153LM/W	5700K

Date:..... Location:

Product:..... Project:.....

Quantity:..... Catalog#

FEATURES

- High efficiency 153Lm/Watt. Replacing old 500-1000w fixture
- IP65 RATED, Easy installation and maintenance
- Anti-corrosion and dust.
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Area Lighting
- Parking lot Auto Dealerships
- Shopping malls
- Building lighting
- Warehouse lighting
- Wall lighting

ELECTRICAL:

Available as 120-277V input. -30°C to 50°C.

INSTALLATION&MOUNTING:

Angle-adjustable U Bracket mount for wall or squre pole mounting.

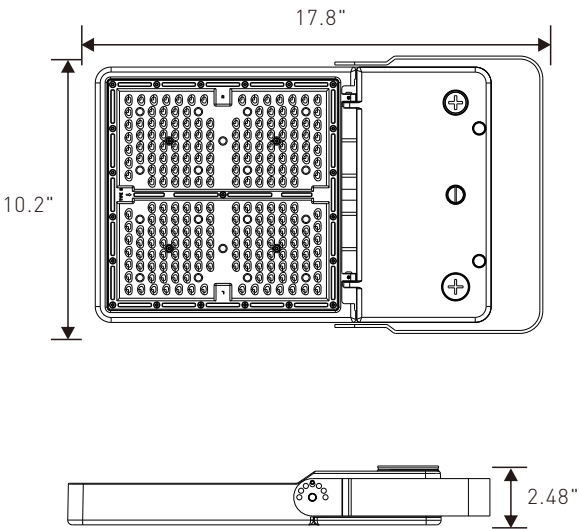
Flood LED Luminaire



Electric Characteristic

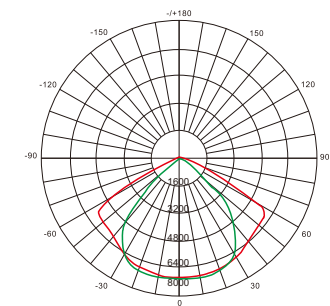
Specification/Model	AST-FL13-240S2BT7SA1	AST-FL13-300S2BT7SA1
LED Driver	UL LISTED Daermy DRIVER	
Input power	240W	300W
Lumens output	36720LM	45900LM
Efficiency	153LM/W	153LM/W
CRI	>72	>72
Color Temperature	5700K	5700K
Input voltage	120-277V/AC	120-277V/AC
Light distribution type	130*100D	130*100D
Working temperature	-30+50℃	-30+50℃
Junction temperature	<75℃	<75℃
lamps efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	500-800W MH/HPS	600-1000W MH/HPS

DIMENSION



DISTRIBUTION DIAGRAM

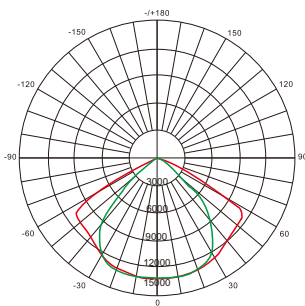
AST-FL13-240S2BT7SA1



AVERAGE BEAM ANGLE[50%]:111.9°

UNIT:CD
Test Number:AST-FL13-240S2BT7SA1
Lumens:36720LM
Test Number:240W
Test Number:5700K
UNIT:CD
C0/180,113.5
C30/210,111.8
C60/240,111.9
C90/270,110.3

AST-FL13-300S2BT7SA1

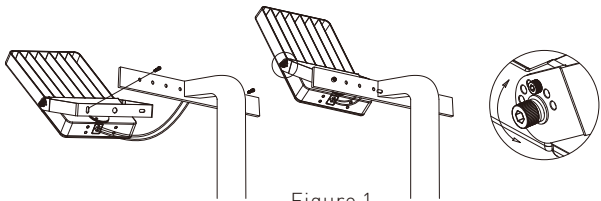


AVERAGE BEAM ANGLE[50%]: 112.9°

UNIT:CD
Test Number:AST-FL13-300S2BT7SA1
Lumens:28000LM
Test Number:200W
Test Number:5000K
UNIT:CD
C0/180,114.5
C30/210,112.2
C60/240,111.6
C90/270,113.3

Instructions

Install the mount to the fixture, tighten the mount and install the screws.(Figure 1)



Loosen the angle to adjust the screw, after adjust to the angle that you need, then tighten the screws.