LED Spot Light

INSTRUCTION OF LED-SP-F145A

This product is mainly used in the entry of community、parting lots、the installation of monitoring、panels and sign（highway sign lighting）、builing work、intelligent transportation ect. these regional area lighting. Most people like it in LED business because of its small desgin ,optional modularization lighting angel,easy installation.

A.Products Parameters:

A-1. Specification：

Materials of Shell: Aluminum alloy+steel
Size：L202xW143xH123mm
Rotary Angle：180°
Input Voltage：120V~240V AC
Operating Voltage：24V DC
Protection Class：IP65
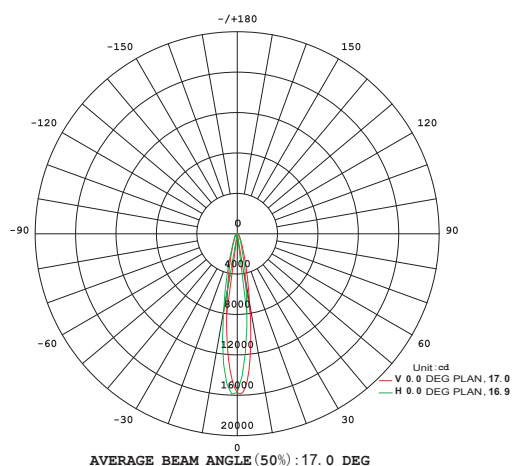LED Power：1.5W/ LED
Operating Temperature: −20℃~40℃

SP-F145A

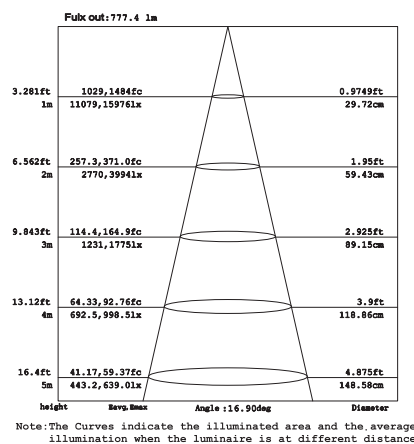### A-2. Model Configuration Table

Model No.	LED Color	LED Quantity	Power Consumption	Beam Angle	Size	Weight	√
SP-F145A	WW/NW/W	20PCS	30 WATTS	15°/30°/45°	L202xW143xH123mm	1.68kgs±5%	

B. Photometric Parameters

Unit:cd
V 0.0 DEG PLAN, 17.0
H 0.0 DEG PLAN, 16.9

AVERAGE BEAM ANGLE（50%）:17.0 DEG

Fulx out:777.4 lm

3.281ft	1029,1484fc		0.9749ft
1m	11079,159761x		29.72cm
6.562ft	257.3,371.0fc		1.95ft
2m	2770,39941x		59.43cm
9.843ft	114.4,164.9fc		2.925ft
3m	1231,17751x		89.15cm
13.12ft	64.33,92.76fc		3.9ft
4m	692.5,998.51x		118.86cm
16.4ft	41.17,59.37fc		4.875ft
5m	443.2,639.01x		148.58cm
height	Eavg,Emax	Angle :16.90deg	Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

SP-F145A

C. Dimension Drawing
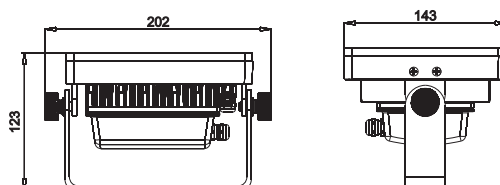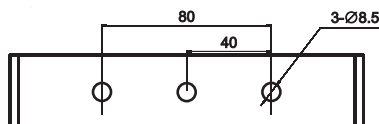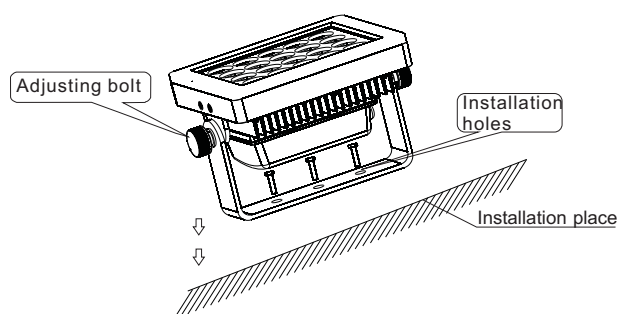

SP-F145A

LED Spot Light

D. Installation Drawing:

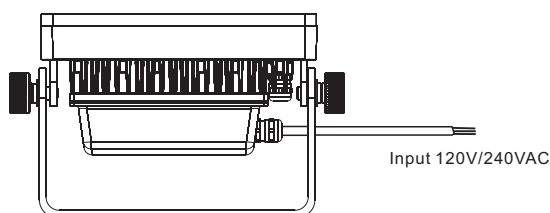D-1:Bracket installation hole size as below :

80   40   3-Ø8.5

SP-F145A

D-2:Fix the light bracket on installation place by M8 screws.Unscrew adjusting bolt,turn the head to the place needed,then screw tightly like below :

Adjusting bolt

Installation holes

Installation place

E. Connection

Connection for high voltage steady color type

Input 120V/240VAC

注意：

1. Do not plug them into power when the product is still in package；
2. Don't use anything to cover the fixture during application；
3. Don't use this product in close environment；
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

警告：

* Without making waterproof treatment for power cables will lead to failure of waterproof and proper working of the lights!!!

* Make sure the ground connection well avoid electric shock, due to metal housing.

Note: The above instruction are subject to update or improved without notice.Pls turn to our staff for further details !
Thanks for your long term support !