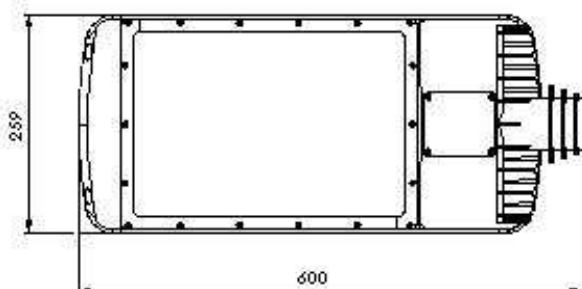
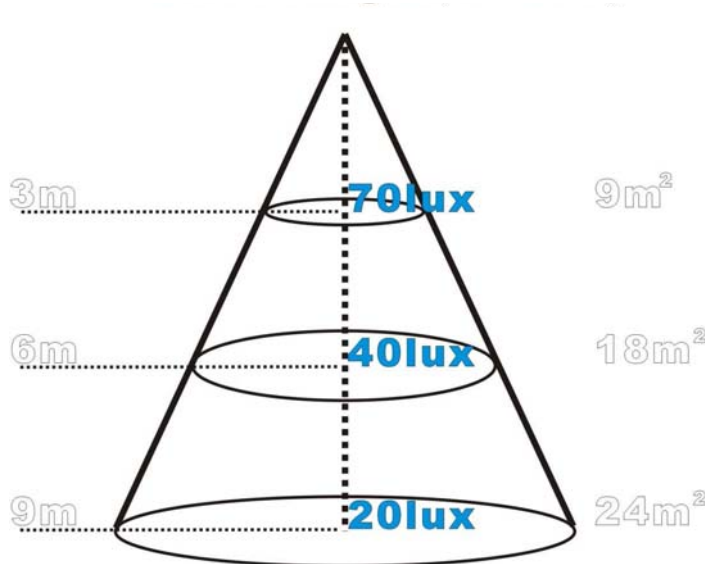




# 日毓光電股份有限公司

## --AS... Series Data Sheet





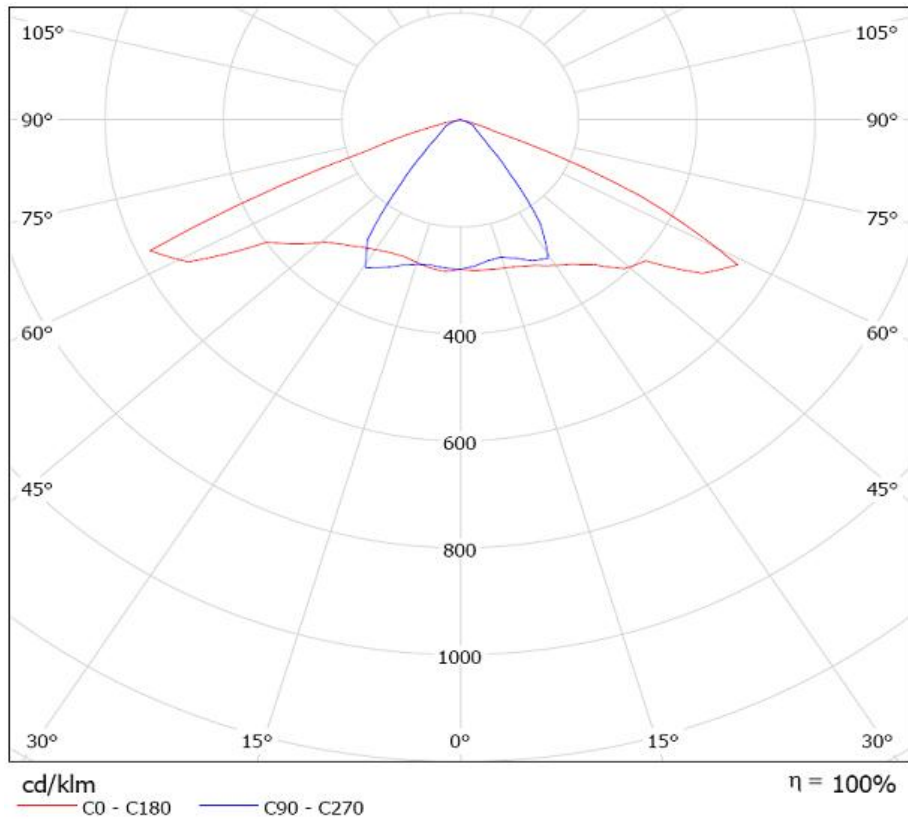
## Illuminance Distribution

## Description

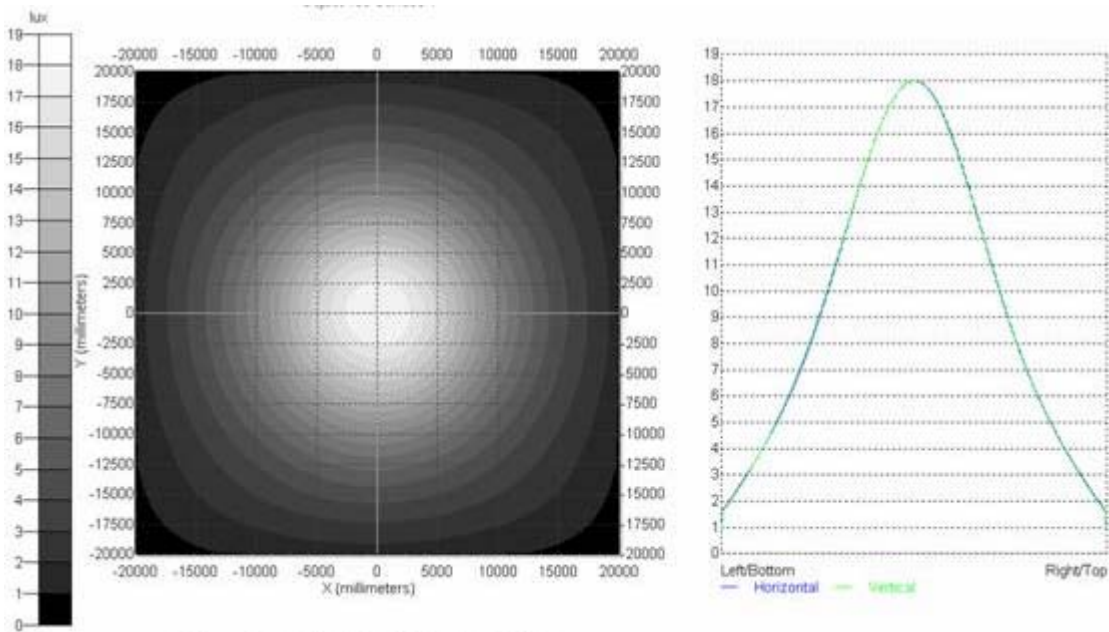
- High brightness LED lighting technology
- Advanced heat management technology(LED Tj value<70°C, Environment Temp. 25°C)
- Slightly to 5.5Kg only,
- Warm White 3000K/Cool White 6000K
- Waterproof protection : IP65 compliance
- Operating air temperature -20~50°C(-4~122°F)
- Safer Operation : Equips with fuse and flame retardant plastics
- Universal power voltage performance : operate within 90-264V ranges

Features/Model	AS120W	AS120C	AS180W	AS180C
Light Source	High-Brightness LED Emitters			
Usable Lumens	4300lm	5800lm	6500lm	7800lm
Color Temp	3000K	6000K	3000K	6000K
Power Con.	120W	120W	180W	180W
Heat Dissipation	Exclusively Nano-Carbon Tube Thermal Radiant Tech.(Surface Painting)			
Design Advantage	Slim/Slight/Fashion			
Tj Temp.	<70	<70	<70	<70
Operating Temp.	-20~50°C(-4~122°F)			
Weight(Kg)	5.5	5.5	6.0	6.0
Licence	3C/UL/CE/CNS(Approving)			
Life Hours	50,000Hrs			

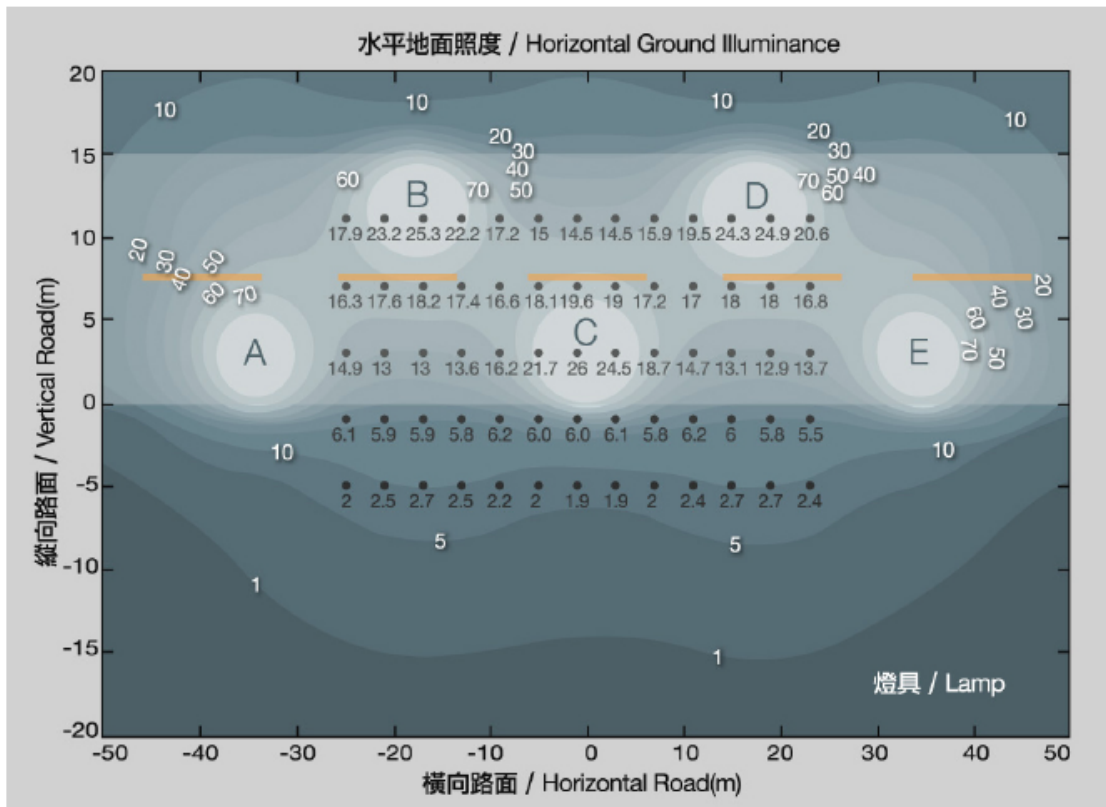
● Luminous Intensity Distribution Curve



● Optics Simulation



- Alley Simulation



- Comparison

Luminaries Type	120W LED	250W HPS
Life Time	50,000hr	3,500hr
Consumption(KW/h)	0.12	0.28
Consumption(KW/Y)	555.19	1,022
Dollars Saving(Yearly) 11.2hr/day,4100hr annual	US\$66.78	
CO2 Emission(monthly)	27.56Kg	57.42
CO2 Reduction(Yearly)	358.32Kg	
Average Lux	>20	<17
Maintain Cost	0	US\$205
5 Year Total Cost	US\$1,050	US\$1,950