



珠海市汇彩照明有限公司
Auroras Lighting Solution (Zhuhai) Co., Ltd

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AS-HBL-120W-H1

LED High Light Series Specification Sheet

A: Specifications

1、LED Specification

	Min .Value	Typical Value	Max. Value
Power	-	120W	125 W
Rated current		3.6 A	3.8 A
LEDs Rated voltage		33 V	34 V
WW CCT		3200 K	3900 K
PW CCT		5500 K	6000 K
CW CCT.		6500 K	7000 K
Working temp.		85 °C	105 °C
LED chip qty		3 X 40 PCS	-
Lighting effect grade		100LM/W	105LM/W
Chip brand	45 Mil BRIDGELUX from USA		

2、Power supply spec

posting Mode	Driver Built- in
Input Voltage	AC85V~265V
Frequency Range	50Hz~60Hz
Input Power(max)	130W
Total Harmonic Distortion	≤ 9 %
Power Factor	>0.98
Power Efficiency	>88 %
Output mode	constant current
Output Voltage	DC 33-36V
Output Current	3.6-3.8A constant current
Power Brand	MEANWELL-HLG-150-36A
Certificate	CE, ROHS
Lifetime	30000 Hrs

3、 Lamp fixture spec

Working Voltage		AC85~265V
Led quantity		3PCS
Led Consumption		120 W
System Consumption		125 W
Led Luminous Efficiency		100Lm /W
Led Initial Flux		>11500 Lm
lamp's Efficiency		>87 %
Average Luminance	4M	877Lux
	6M	467 Lux
	8M	285 Lux
Luminance Area	4M	Φ6.7 M
	6M	Φ8.3M
	8M	Φ14.7 M
Luminance Uniformity		>0.5
Color Temperature		As above shows
Color Rendering Index		Ra>80
Light Distribution		Round shaped
Light Design		LED+ LED+ diffuser
Junction Temperature		≤80℃
Working Temperature		-40℃ ~ 55℃
Storage Temperature		-25℃ ~ +65℃
IP Grade		IP20
Net weight		7.3 Kg
Working Life-span		50000H
Power line		0.75mm ² 3wire cable
Connect Wire	Brown	L
	Blue	N
	Yellow/Green	G
Certificate		CE, ROHS
The color of the lamp fixture		Silver / Black

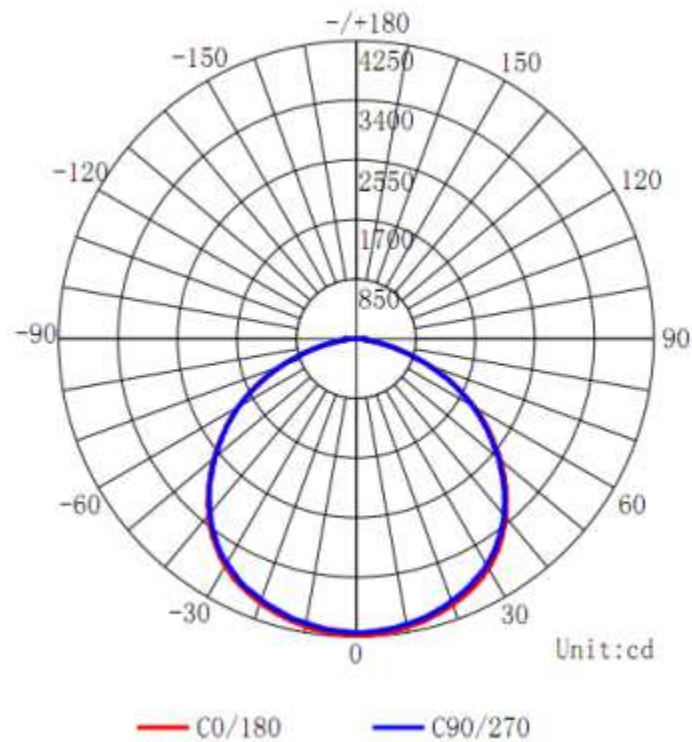
*****Remark: ≤5% of difference of CCT is allowed*****

4、 Dimensions

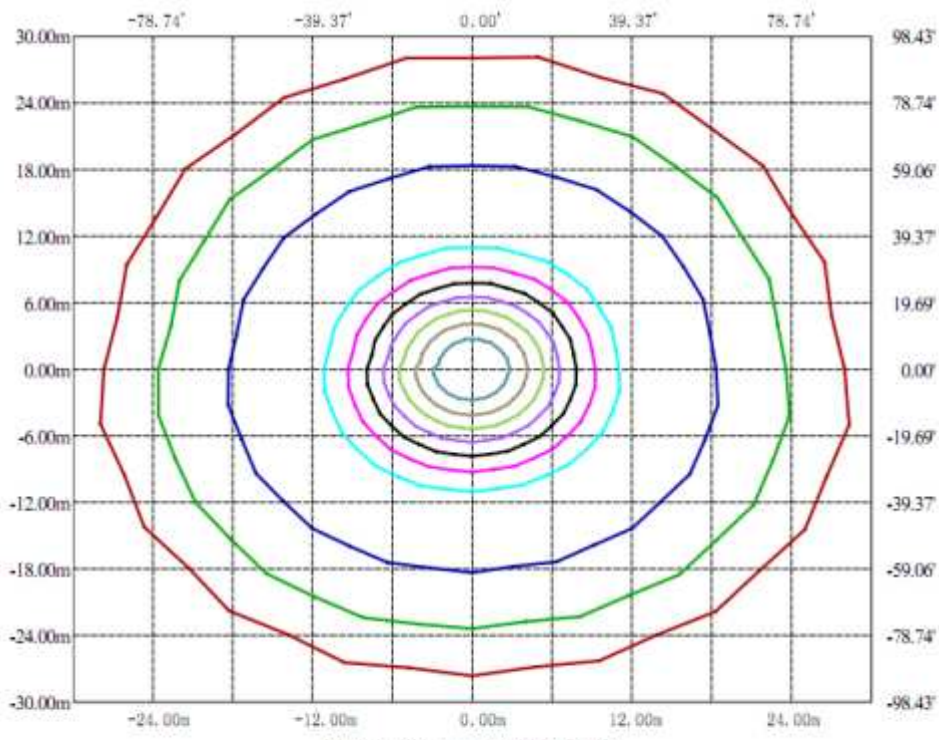


Below Data are based on 120Degree reflector

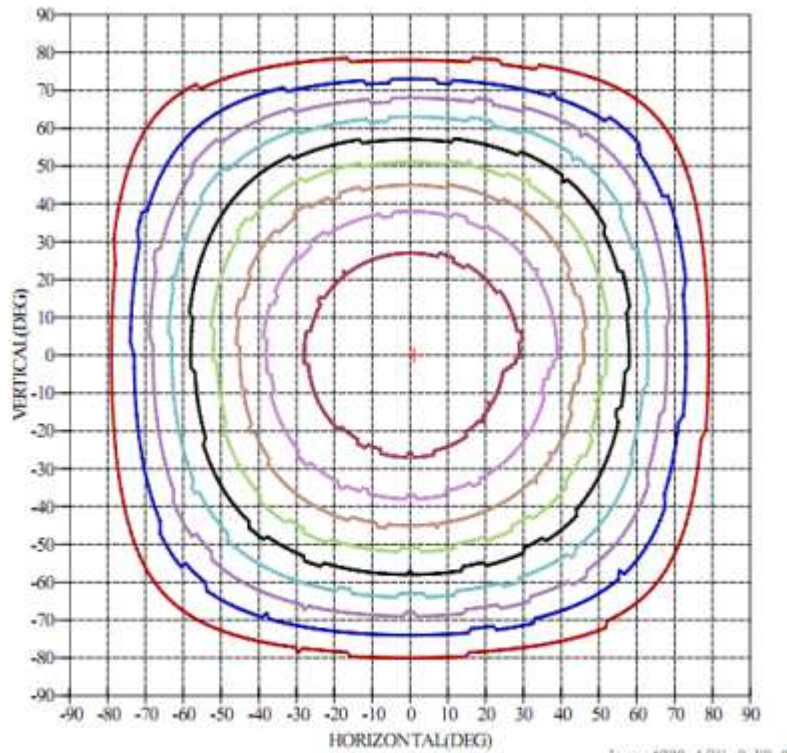
5、 Luminous Intensity Distribution(C)



6、ISOLUX Diagram



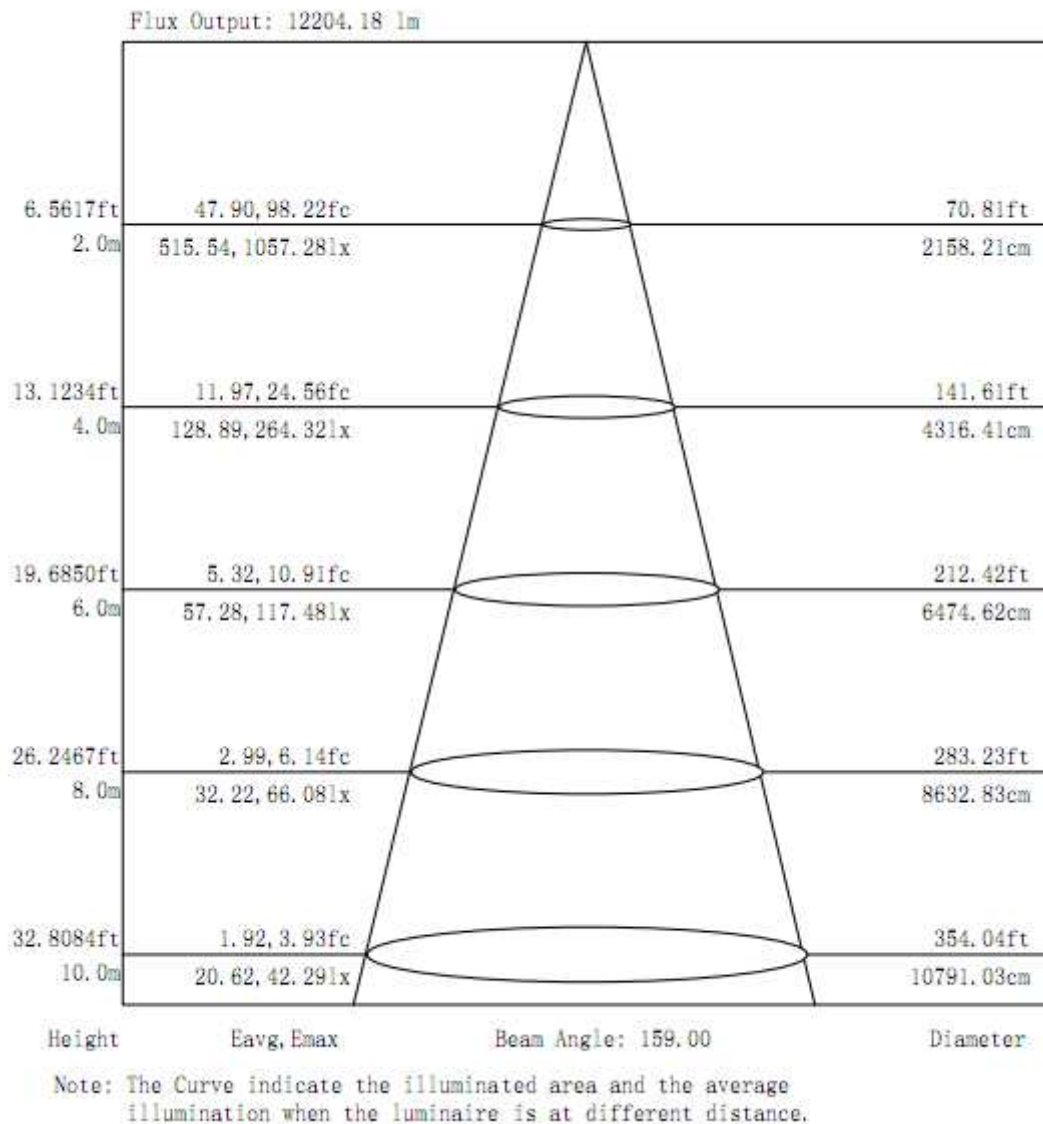
3.0%	1.2579lx	0.1169fc	5.0%	2.0965lx	0.1948fc	10.0%	4.1929lx	0.3895fc
30.0%	12.579lx	1.1688fc	40.0%	16.772lx	1.5581fc	50.0%	20.965lx	1.9476fc
60.0%	25.158lx	2.3371fc	70.0%	29.351lx	2.7267fc	80.0%	33.544lx	3.1162fc
90.0%	37.737lx	3.5057fc						



10.0%	423.04	20.0%	846.08	30.0%	1269.13
40.0%	1692.17	50.0%	2115.21	60.0%	2538.25
70.0%	2981.30	80.0%	3384.34	90.0%	3807.38

Imax: 4230.4 (H: 0, V: 0)
 At: C=0.0, V=1.0
 UNIT: cd

7. Valid average illumination



B: Packing:

1、1: Packing size and weight

The size of the radiator package size	320(mm)*240(mm)*400(mm)
The size of the reflector package (20pcs/CTN)	520(mm)*520(mm)*400(mm) (120Degree)
The weight of the radiator after packing	8.5 Kg

2. Package general view

