



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

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AS-HBL-90W-H1

LED High Light Series Specification Sheet

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A: Specifications

1、LED Specification

	Min .Value	Typical Value	Max. Value
Power	-	90W	95 W
Rated current		2.7 A	2.8 A
LEDs Rated voltage		33 V	33 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 30 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)	100W
Total Harmonic Distortion	≤ 9 %
Power Factor	>0.98
Power Efficiency	>88 %
Output mode	constant current
Output Voltage	DC 30-33V
Output Current	2.9-3.0A constant current
Power Brand	Meanwell - HLG-100-36A
Certificate	CE, ROHS
Lifetime	30000 Hrs

3. Lamp fixture spec

Working Voltage		AC85~265V
Led quantity		3PCS
Led Consumption		90 W
System Consumption		95 W
Led Luminous Efficiency		100Lm /W
Led Initial Flux		8800 Lm
lamp's Efficiency		>87 %
Average Luminance	4M	684Lux
	6M	358 Lux
	8M	196 Lux
Luminance Area	4M	Φ6.7 M
	6M	Φ8.3M
	8M	Φ14.4 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		6.8 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

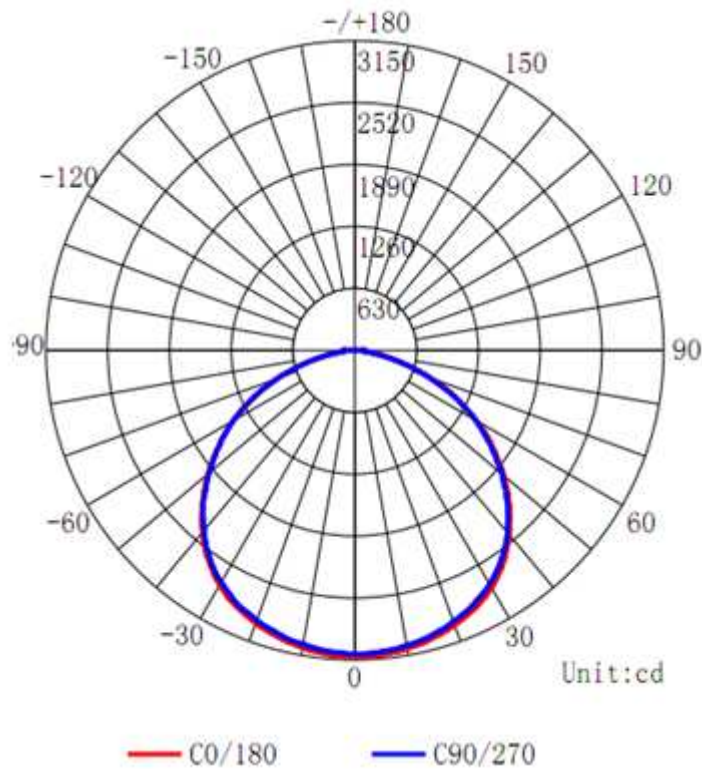
*****Remark: ≤5% of difference of CCT is allowed*****

4、 Dimensions

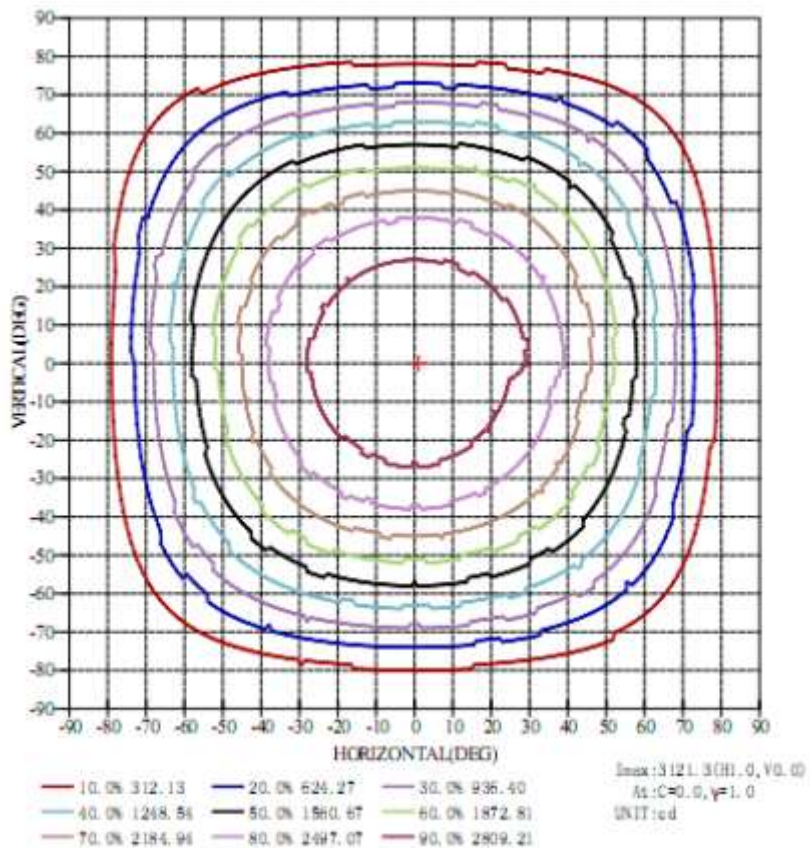
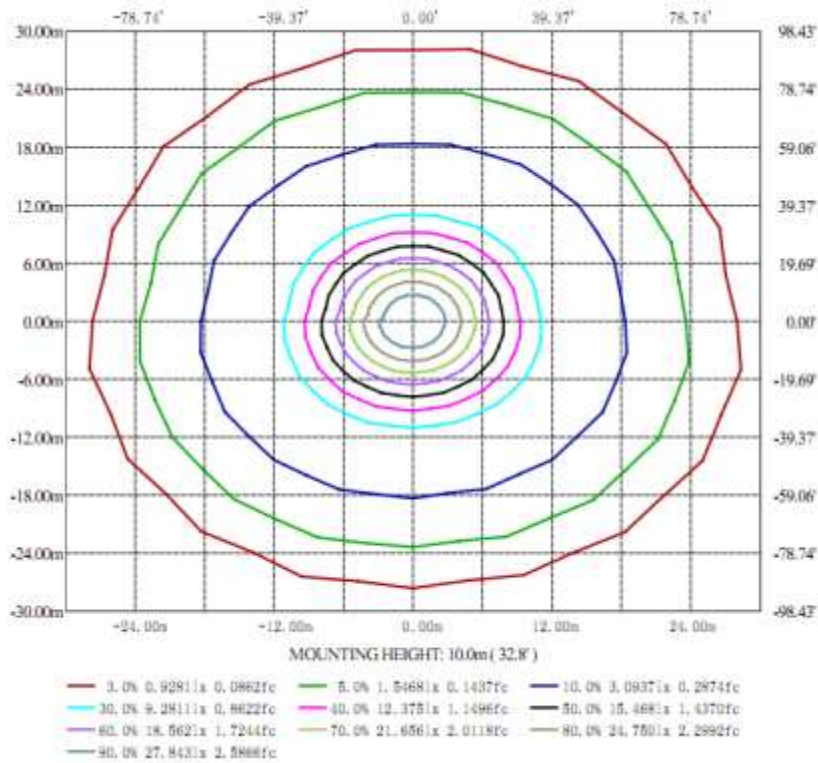


Below Data are based on 120Degree reflector

5、 Luminous Intensity Distribution(C)

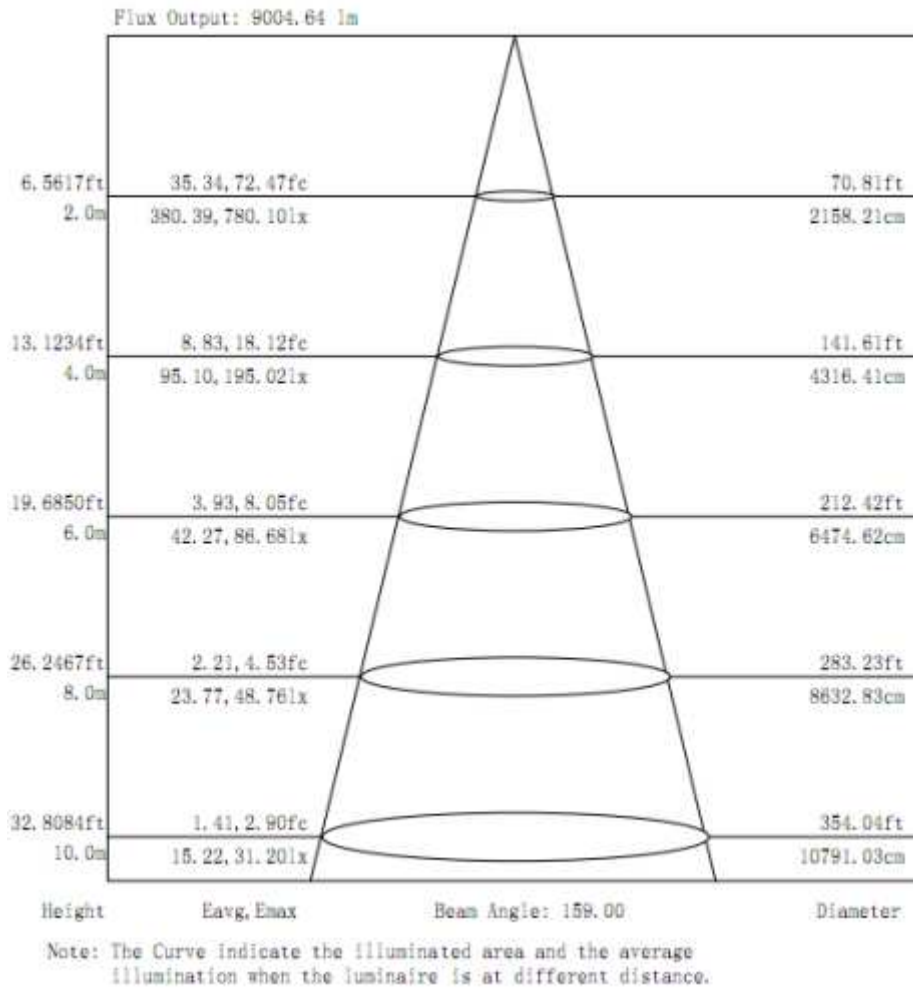


6. ISOLUX Diagram



7. Valid average illumination

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B: Packing:

1: Packing size and weight

The size of the radiator package size	320(mm)*240(mm)*370(mm)
The size of the reflector package (20pcs/CTN)	520(mm)*520(mm)*400(mm) (120Degree)
The weight of the radiator after packing	7.4Kg

2、 Package general view

