



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

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AS-HBL-180W-C3

LED High Light Series Specification Sheet

A: Specifications

1、LED Specification

	Min .Value	Typical Value	Max. Value
Power	-	180W	185 W
Rated current		5.5 A	5.6 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 X60 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)	190W
Total Harmonic Distortion	≤ 9 %
Power Factor	>0.95
Power Efficiency	>88 %
Output mode	constant current
Output Voltage	DC 33-36V
Output Current	5.5A-5.6A constant current
Power Brand	MEANWELL-HLG-240-36A
Certificate	CE, ROHS
Lifetime	30000 Hrs

3、 Lamp fixture spec

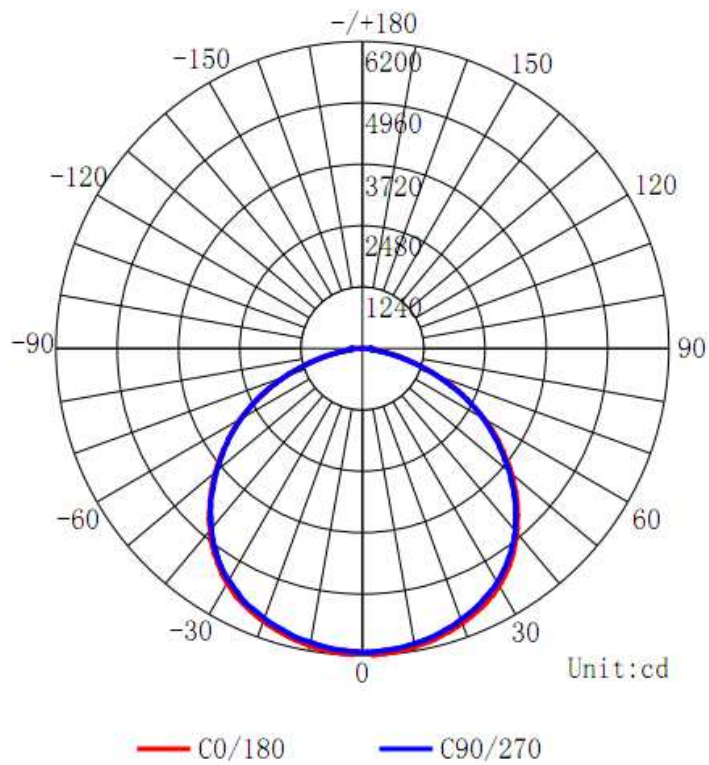
Working Voltage		AC85~265V
Led quantity		3pcs
Led Consumption		180 W
System Consumption		185 W
Led Luminous Efficiency		100Lm /W
Led Initial Flux		>17800 Lm
lamp's Efficiency		>87 %
Average Luminance	4M	1568Lux
	6M	744 Lux
	8M	480 Lux
Luminance Area	4M	Φ6.7 M
	6M	Φ8.3M
	8M	Φ14.7 M
Luminance Uniformity		>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		7.9Kg
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

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

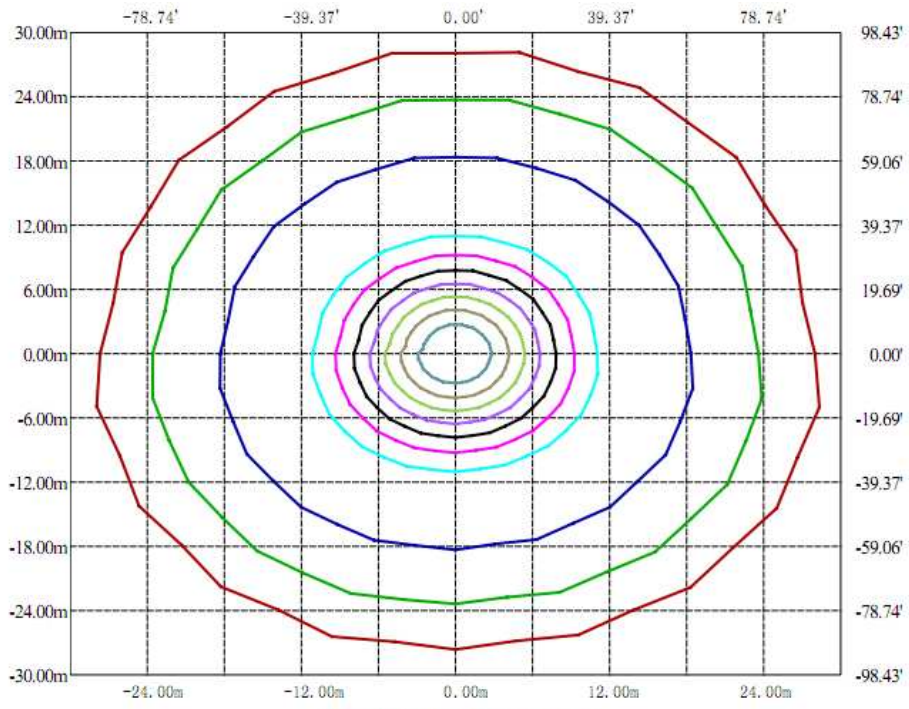
4、Dimensions



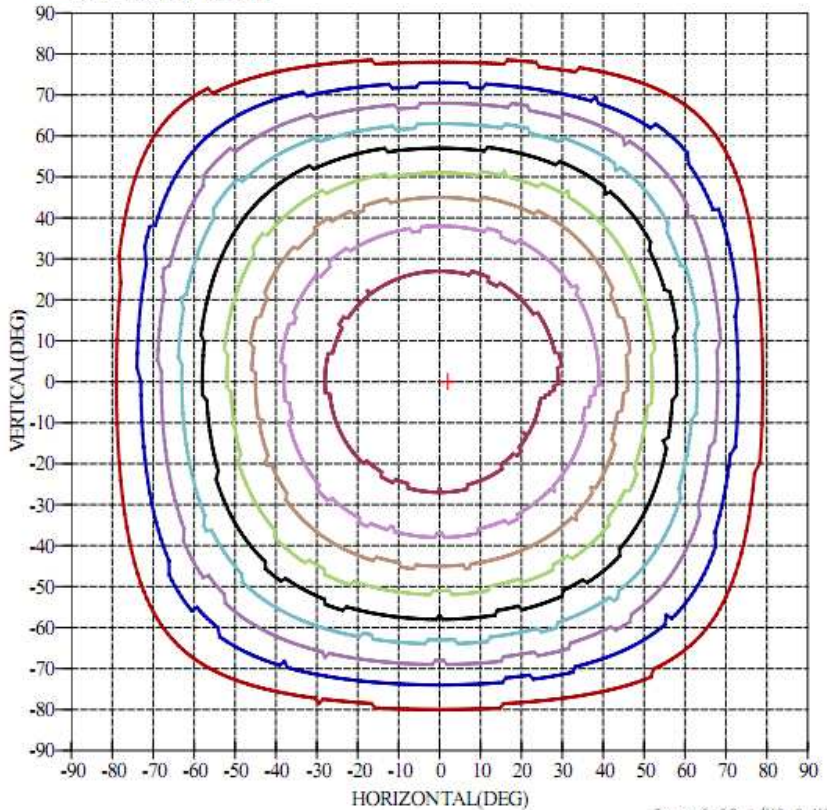
5、Luminous Intensity Distribution(C)



6、 ISOLUX Diagram

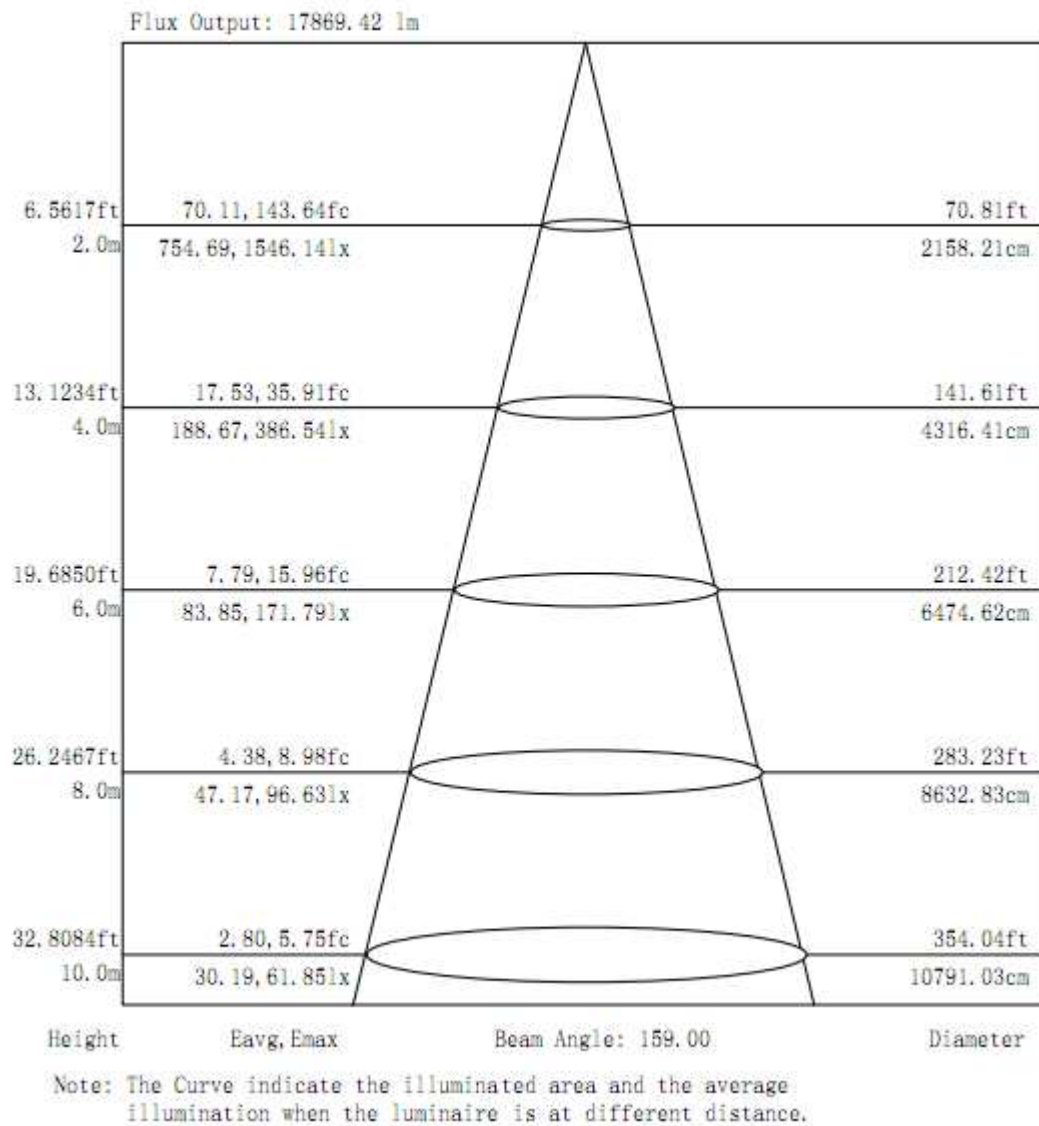


3.0%	1.8418lx	0.1711fc	5.0%	3.0697lx	0.2852fc	10.0%	6.1393lx	0.5703fc
30.0%	18.418lx	1.7110fc	40.0%	24.557lx	2.2814fc	50.0%	30.697lx	2.8517fc
60.0%	36.836lx	3.4221fc	70.0%	42.975lx	3.9924fc	80.0%	49.115lx	4.5628fc
90.0%	55.254lx	5.1331fc						



10.0%	619.21	20.0%	1238.42	30.0%	1857.63	I _{max} :6192.1(H2.0,V0.0) At:C=0.0,γ=2.0 UNIT:cd
40.0%	2476.84	50.0%	3096.05	60.0%	3715.26	
70.0%	4334.47	80.0%	4953.68	90.0%	5572.89	

7. Valid average illumination



B: Packing:

1、1: Packing size and weight

The size of the radiator package size	350(mm)*350(mm)*480(mm)
The size of the reflector package (20pcs/CTN)	520(mm)*520(mm)*400(mm)
The weight of the radiator after packing	8.5 Kg

2、 Package general view

