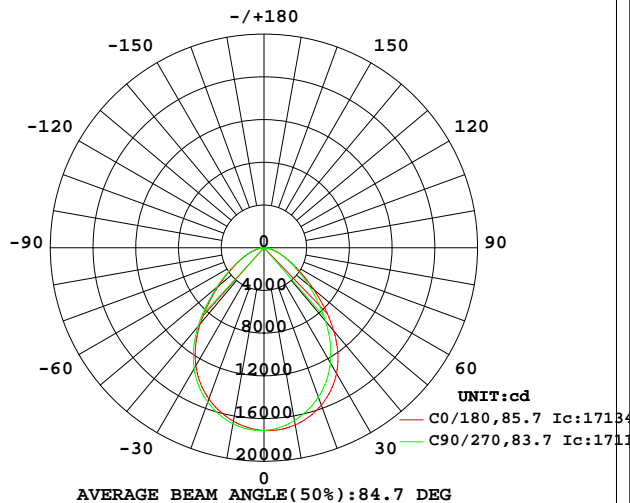


LUMINAIRE PHOTOMETRIC TEST REPORT

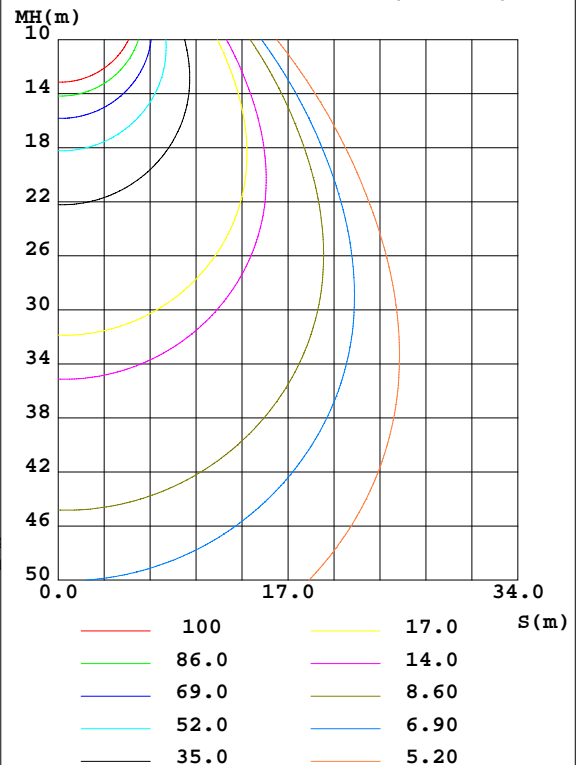
Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.84 lm/W			
MODEL	2835	I _{max} (cd)	17144	S/MH(C0/180)	1.13
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	32618	η UP,DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	32618.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1684	1663	1643	1636	1650	1656	1674	1683	0- 10	1609	1609	4.93,4.93
20	1569	1524	1489	1478	1507	1512	1540	1558	10- 20	4506	6115	18.7,18.7
30	1359	1292	1243	1234	1277	1272	1309	1336	20- 30	6501	12616	38.7,38.7
40	1018	948.7	898.0	892.0	929.6	921.4	960.4	995.4	30- 40	7002	19618	60.1,60.1
50	608.1	579.8	546.2	540.6	557.5	556.2	579.6	597.8	40- 50	5760	25378	77.8,77.8
60	314.0	312.1	297.8	299.1	295.9	299.0	306.2	314.2	50- 60	3788	29166	89.4,89.4
70	148.2	153.9	152.3	151.3	143.0	147.2	150.3	153.0	60- 70	2177	31343	96.1,96.1
80	53.07	58.34	56.29	54.72	51.06	54.10	54.00	54.07	70- 80	1034	32376	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	241.6	32618	100,100
100	0	0	0	0	0	0	0	0	90-100	0	32618	100,100
110	0	0	0	0	0	0	0	0	100-110	0	32618	100,100
120	0	0	0	0	0	0	0	0	110-120	0	32618	100,100
130	0	0	0	0	0	0	0	0	120-130	0	32618	100,100
140	0	0	0	0	0	0	0	0	130-140	0	32618	100,100
150	0	0	0	0	0	0	0	0	140-150	0	32618	100,100
160	0	0	0	0	0	0	0	0	150-160	0	32618	100,100
170	0	0	0	0	0	0	0	0	160-170	0	32618	100,100
180	0	0	0	0	0	0	0	0	170-180	0	32618	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 22735 lm

%lum = 69.7%

%lamp = 69.7%

Conical surface Flux(120deg): 29166 lm

%lum = 89.4%

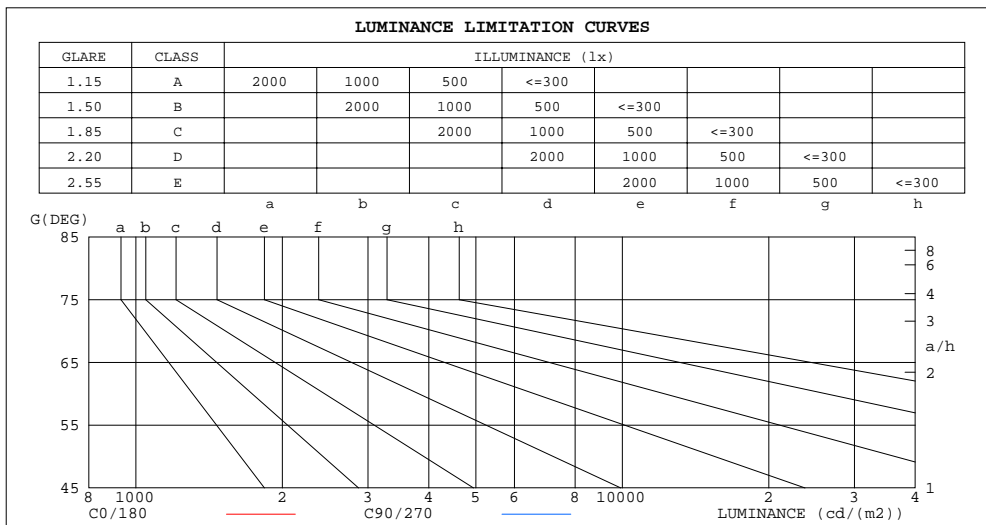
%lamp = 89.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:



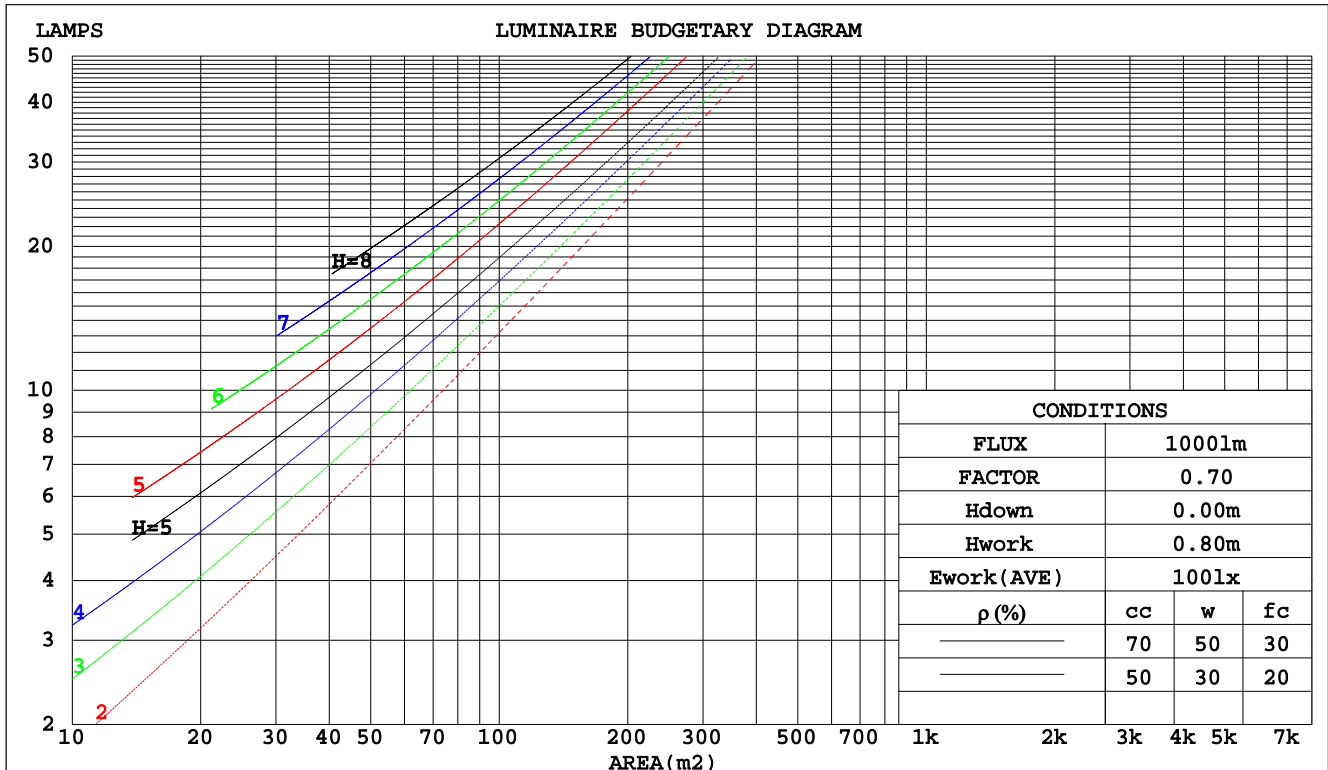
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.95	.97	.94	.93	.93	.91	.90	.88
2.0	.95	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.73	.84	.78	.72	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.70	.64	.76	.69	.63	.74	.67	.63	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.62	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.55	.50	.60	.54	.49	.58	.53	.49	.47
7.0	.59	.51	.45	.58	.50	.45	.56	.50	.45	.55	.49	.44	.54	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.40	.51	.45	.40	.50	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.253	.144	.046	.246	.141	.045	.233	.134	.043	.222	.128	.041	.211	.122	.039	
2.0	.244	.133	.041	.238	.131	.040	.226	.126	.039	.216	.121	.038	.206	.117	.037	
3.0	.230	.122	.037	.224	.120	.036	.215	.116	.035	.205	.113	.035	.197	.109	.034	
4.0	.215	.112	.033	.211	.110	.033	.202	.107	.032	.194	.104	.031	.187	.101	.031	
5.0	.202	.103	.030	.198	.102	.030	.190	.099	.029	.183	.097	.029	.176	.094	.028	
6.0	.190	.095	.027	.186	.094	.027	.179	.092	.027	.173	.090	.026	.167	.088	.026	
7.0	.179	.088	.025	.175	.087	.025	.169	.086	.025	.163	.084	.024	.158	.082	.024	
8.0	.168	.082	.023	.165	.081	.023	.160	.080	.023	.155	.078	.023	.150	.077	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.147	.074	.021	.142	.072	.021	
10.0	.151	.072	.020	.148	.072	.020	.144	.070	.020	.140	.069	.020	.136	.068	.020	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.139	.151	.134	.119	.103	.092	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.134	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.127	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.089	.051	.121	.077	.045	.083	.054	.032	.048	.032	.019	.016	.010	.006	
6.0	.134	.081	.043	.115	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.036	.110	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.122	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm											
NAME: HBA					TYPE:HIGH BAY LIGHT			WEIGHT:			
SPEC.:AOK-200WHBA-L2-00-5080-90D-P					DIM.:			SERIAL No.:			
MFR.: AOK					SUR.:260*260mm			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise				Viewed endwise					
x = 2H y = 2H		18.4	19.8	18.7	20.0	20.2	18.1	19.4	18.3	19.6	19.8
3H		19.1	20.3	19.3	20.5	20.7	18.8	20.0	19.1	20.2	20.5
4H		19.3	20.4	19.6	20.7	20.9	19.0	20.2	19.4	20.4	20.7
6H		19.4	20.5	19.7	20.8	21.0	19.2	20.3	19.5	20.6	20.8
8H		19.4	20.5	19.8	20.8	21.0	19.3	20.3	19.6	20.6	20.9
12H		19.4	20.4	19.8	20.7	21.0	19.3	20.3	19.6	20.5	20.8
4H 2H		18.7	19.8	19.0	20.1	20.3	18.4	19.5	18.7	19.8	20.0
3H		19.5	20.5	19.8	20.8	21.1	19.3	20.3	19.6	20.6	20.9
4H		19.8	20.7	20.2	21.0	21.3	19.6	20.5	20.0	20.9	21.2
6H		20.0	20.8	20.4	21.2	21.5	19.9	20.7	20.3	21.1	21.4
8H		20.1	20.8	20.5	21.2	21.6	20.0	20.7	20.4	21.1	21.5
12H		20.1	20.8	20.5	21.2	21.6	20.0	20.7	20.4	21.1	21.5
8H 4H		19.9	20.6	20.3	21.0	21.4	19.7	20.5	20.1	20.8	21.2
6H		20.2	20.8	20.6	21.2	21.6	20.1	20.7	20.6	21.1	21.6
8H		20.3	20.9	20.8	21.3	21.7	20.3	20.8	20.7	21.2	21.7
12H		20.4	20.9	20.9	21.3	21.8	20.3	20.8	20.8	21.2	21.7
12H 4H		19.9	20.6	20.3	20.9	21.3	19.7	20.4	20.1	20.8	21.2
6H		20.2	20.8	20.7	21.2	21.6	20.1	20.7	20.6	21.1	21.5
8H		20.4	20.8	20.8	21.3	21.8	20.3	20.8	20.8	21.2	21.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.5 / - 0.6				+ 0.5 / - 0.6					
1.5H		+ 0.3 / - 0.3				+ 0.2 / - 0.4					
2.0H		+ 1.2 / - 1.0				+ 0.9 / - 0.8					

CIE Pub.117, 32618 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 12.1$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

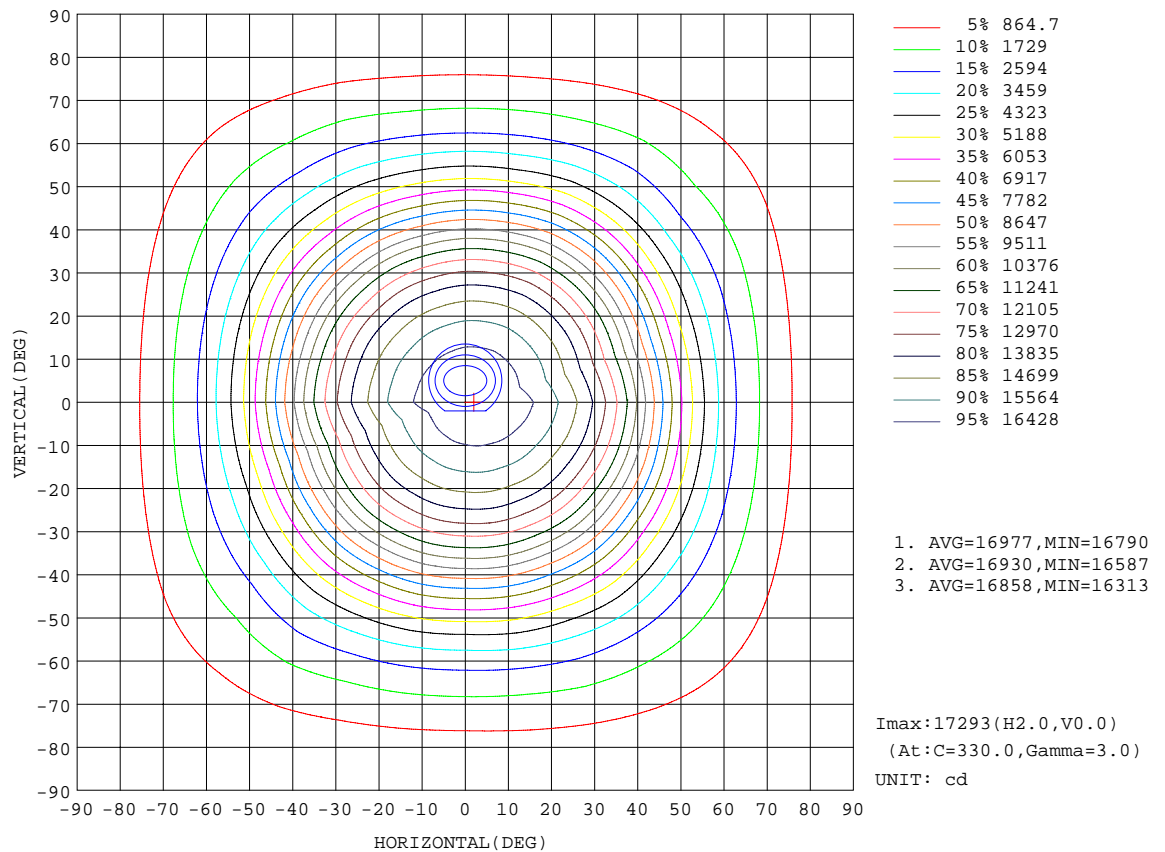
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	56	50	65	56	50	45
0.80	76	67	60	75	66	60	74	65	60	54
1.00	84	75	69	83	74	69	81	75	68	62
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	91	84	80	73
2.00	100	94	88	99	92	88	95	90	86	79
2.50	103	97	92	101	96	91	98	93	90	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

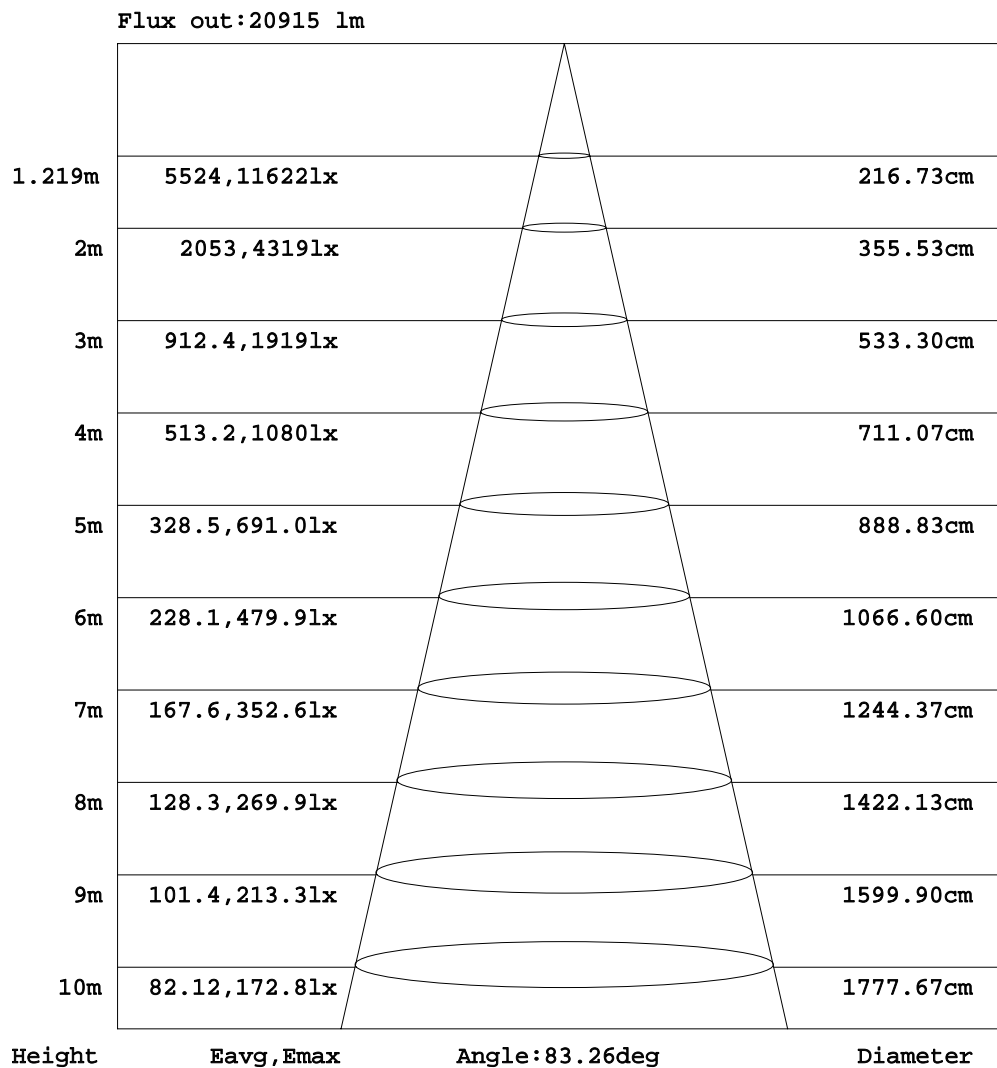


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:



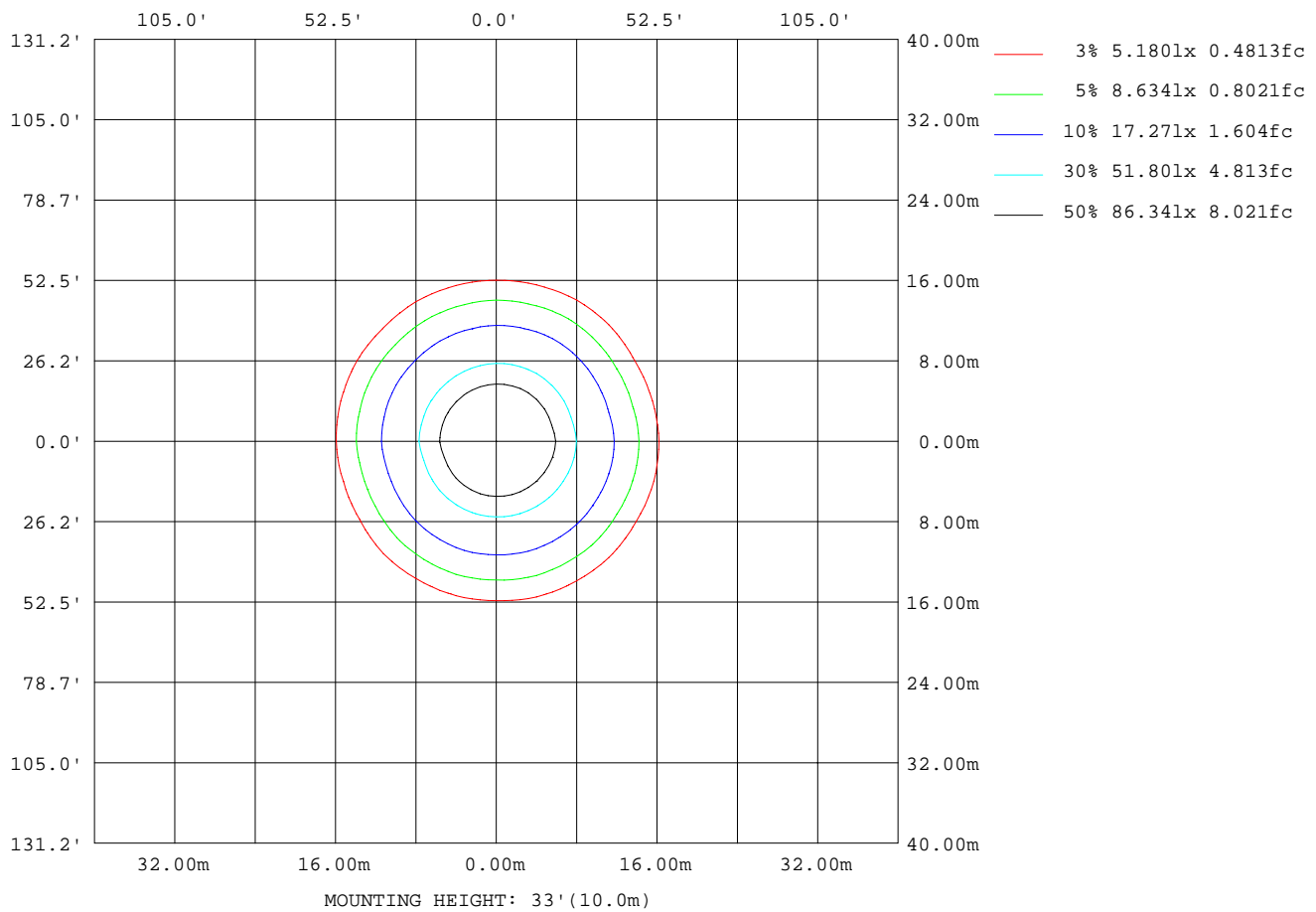
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

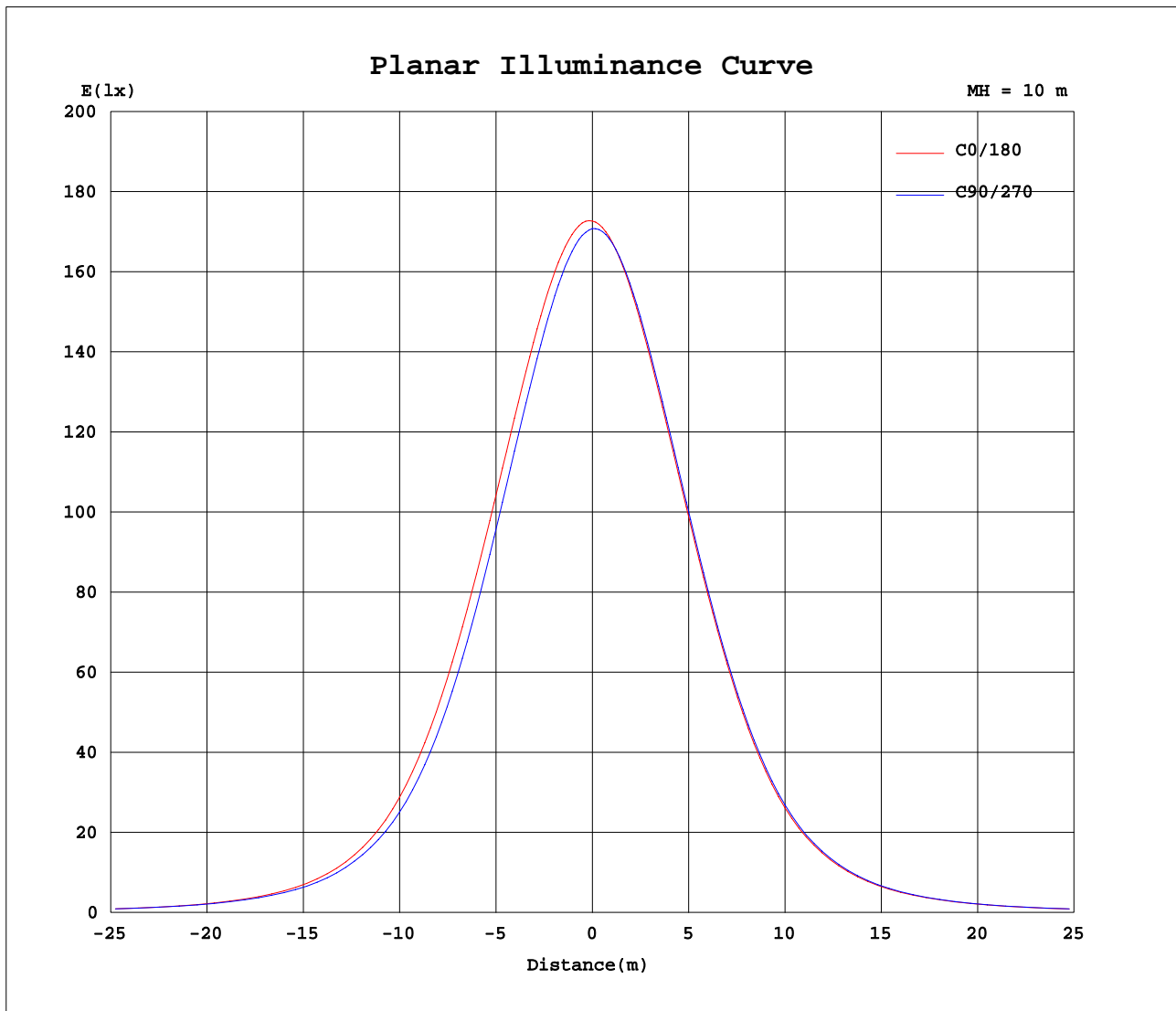
AvgL	cd/m2
L_0~180(65)av	126752
L_0~180(75)av	88107
L_0~180(85)av	54201
L_90~270(65)av	128001
L_90~270(75)av	93179
L_90~270(85)av	56959
L_45(65)av	129398
L_45(75)av	92883
L_45(85)av	57811

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

Table--1

UNIT: ×10cd

C(°) γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711	1711
5	1709	1706	1703	1700	1696	1693	1689	1687	1686	1685	1684	1686	1691	1691	1694	1696	1700	1702	1705
10	1684	1679	1670	1663	1656	1650	1643	1640	1637	1636	1635	1637	1650	1650	1654	1656	1663	1667	1674
15	1638	1629	1615	1604	1592	1585	1576	1573	1568	1567	1564	1567	1588	1588	1593	1595	1603	1609	1618
20	1569	1556	1538	1524	1508	1499	1489	1485	1479	1478	1475	1477	1507	1505	1510	1512	1521	1528	1540
25	1477	1461	1437	1421	1402	1392	1379	1376	1370	1369	1364	1366	1405	1401	1405	1406	1417	1424	1437
30	1359	1339	1310	1292	1270	1259	1243	1241	1234	1234	1228	1230	1277	1270	1273	1272	1285	1292	1309
35	1207	1185	1152	1133	1108	1097	1081	1081	1072	1073	1065	1067	1117	1108	1111	1108	1120	1128	1147
40	1018	998	965	949	925	915	898	898	891	892	881	882	930	921	926	921	934	940	960
45	807	793	766	754	734	726	711	713	705	704	691	695	733	731	735	728	739	743	761
50	608	602	583	580	565	559	546	548	543	541	529	531	558	560	562	556	566	568	580
55	442	439	426	430	420	418	403	406	402	403	390	392	410	414	418	411	419	419	426
60	314	314	307	312	309	306	298	298	294	299	282	291	296	301	305	299	307	305	306
65	219	220	221	221	225	220	216	216	211	217	202	213	209	214	217	213	221	217	217
70	148	151	154	154	158	155	152	151	147	151	143	150	143	147	150	147	153	150	150
75	92.7	95.9	98.1	99.6	102	100.0	97.4	97.0	94.3	95.6	91.8	95.1	89.7	92.6	95.0	93.9	97.2	95.2	95.5
80	53.1	55.8	56.6	58.3	58.4	58.7	56.3	56.0	54.5	54.7	53.1	54.7	51.1	52.8	53.9	54.1	55.2	54.5	54.0
85	20.5	21.2	21.2	22.5	21.2	20.9	19.6	19.4	18.4	18.6	17.8	18.5	17.3	17.9	18.7	18.9	19.7	19.6	20.1
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.4V I:0.9273A P:200.3W PF:0.9847 Freq:60.01Hz Lamp Flux:32618.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-200WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:260*260mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1711	1711	1711	1711	1711														
5	1707	1710	1710	1711	1709														
10	1677	1683	1683	1684	1680														
15	1624	1632	1632	1633	1627														
20	1548	1557	1558	1559	1552														
25	1447	1459	1461	1461	1453														
30	1319	1335	1336	1337	1326														
35	1159	1177	1180	1179	1169														
40	973	993	995	993	983														
45	773	794	795	789	779														
50	586	602	598	587	587														
55	428	442	434	424	428														
60	309	316	314	298	309														
65	220	221	224	208	221														
70	150	151	153	144	153														
75	94.9	95.7	95.6	93.5	97.0														
80	53.7	54.2	54.1	54.4	55.7														
85	20.1	20.6	20.6	21.2	21.4														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks: