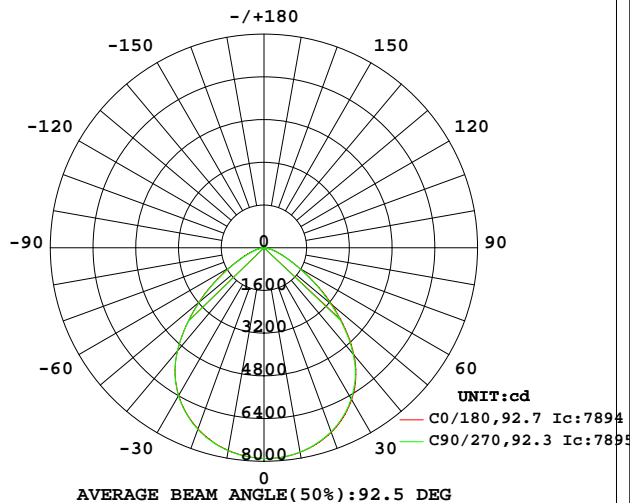


LUMINAIRE PHOTOMETRIC TEST REPORT

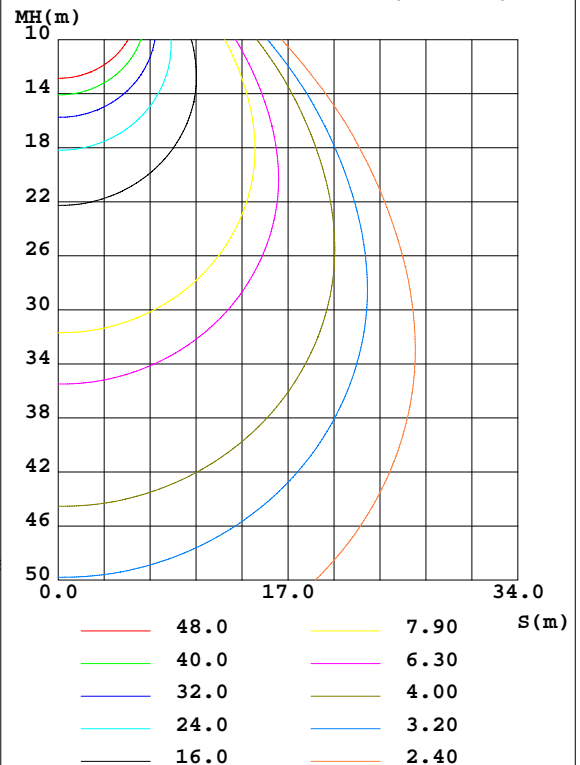
Test:U:219.4V I:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.34 lm/W			
MODEL	2835	I _{max} (cd)	7899	S/MH(C0/180)	1.21
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16317	η UP,DN(C0-180)	0.0,50.6
NOMINAL FLUX(lm)	16317.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.30

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	7780	7789	7770	7729	7711	7697	7720	7745	0- 10	746.2	746.2	4.57,4.57
20	7360	7376	7339	7255	7221	7190	7241	7282	10- 20	2129	2876	17.6,17.6
30	6568	6590	6535	6413	6393	6330	6406	6448	20- 30	3181	6057	37.1,37.1
40	5241	5269	5198	5046	5041	4952	5042	5075	30- 40	3646	9703	59.5,59.5
50	3327	3320	3248	3139	3195	3079	3147	3155	40- 50	3198	12900	79.1,79.1
60	1548	1527	1525	1446	1505	1398	1448	1431	50- 60	2040	14940	91.6,91.6
70	597.7	570.9	590.8	540.8	586.6	522.1	559.0	549.8	60- 70	955.9	15896	97.4,97.4
80	164.5	166.2	168.0	162.1	155.5	145.5	151.8	157.8	70- 80	355.6	16251	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	65.87	16317	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16317	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16317	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16317	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16317	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16317	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16317	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16317	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16317	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16317	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11418 lm

%lum = 70.0%

%lamp = 70.0%

Conical surface Flux(120deg): 14940 lm

%lum = 91.6%

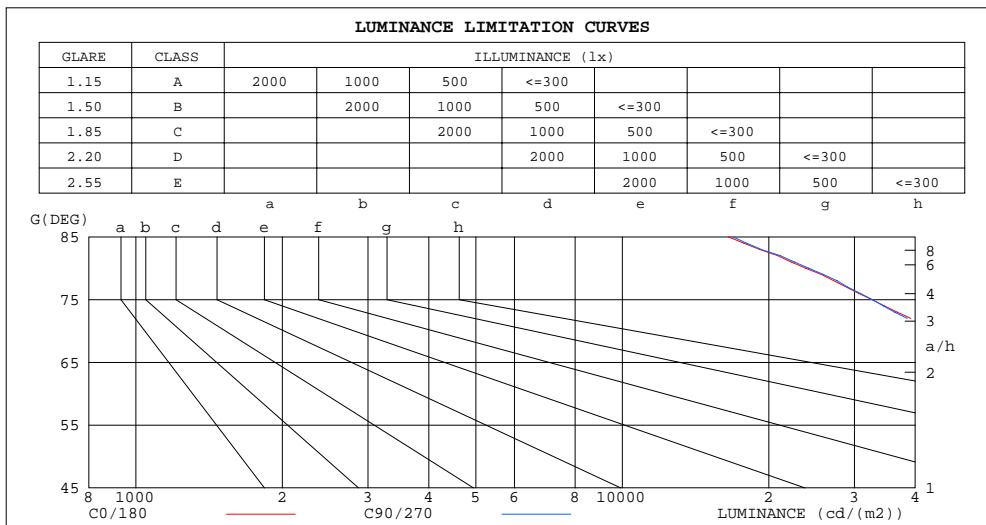
%lamp = 91.6%

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	16513	16872
80	23809	24161
75	32582	32606
70	43913	43136
65	57934	56843
60	77800	76151
55	104066	101333
50	130049	126205
45	153241	150093

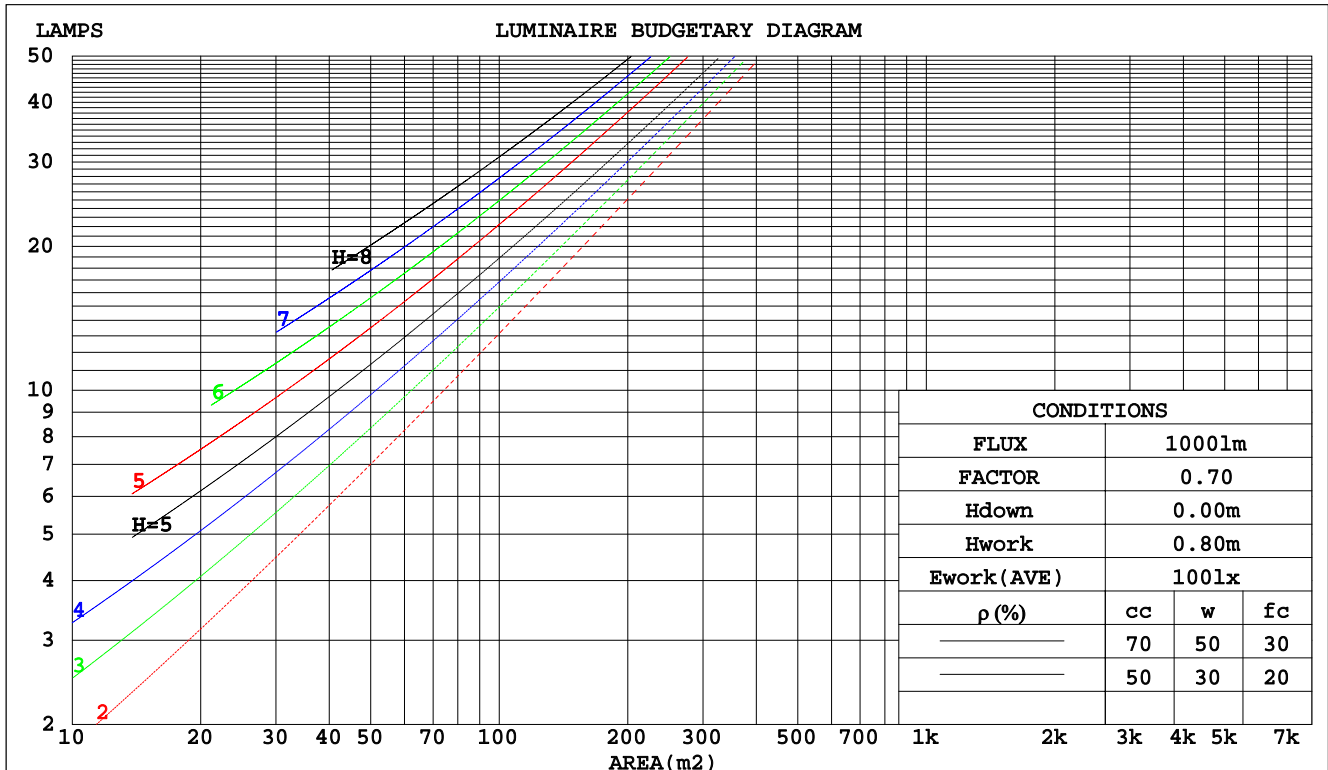
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	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	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.86	.94	.89	.85	.91	.86	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.77	.73	.69	.67
4.0	.78	.70	.64	.76	.69	.64	.74	.68	.63	.72	.66	.62	.70	.65	.61	.59
5.0	.70	.62	.56	.69	.62	.56	.67	.61	.56	.65	.59	.55	.63	.58	.54	.53
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.60	.54	.49	.58	.53	.49	.47
7.0	.58	.50	.45	.58	.50	.45	.56	.49	.44	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.40	.53	.46	.40	.52	.45	.40	.50	.44	.40	.49	.44	.40	.38
9.0	.49	.42	.37	.49	.42	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.38	.34	.45	.38	.33	.44	.38	.33	.43	.37	.33	.43	.37	.33	.31



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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	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	.246	.140	.044	.239	.136	.043	.226	.130	.041	.214	.124	.040	.203	.118	.038		
2.0	.239	.131	.040	.233	.128	.040	.222	.123	.038	.211	.119	.037	.202	.114	.036		
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.195	.108	.033		
4.0	.214	.111	.033	.210	.110	.032	.201	.107	.032	.193	.104	.031	.185	.101	.031		
5.0	.202	.103	.030	.198	.101	.030	.190	.099	.029	.183	.096	.029	.176	.094	.028		
6.0	.190	.095	.027	.186	.094	.027	.179	.092	.027	.173	.090	.026	.167	.088	.026		
7.0	.179	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	.159	.082	.024		
8.0	.169	.083	.023	.166	.082	.023	.161	.080	.023	.155	.079	.023	.151	.077	.023		
9.0	.160	.077	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	.143	.073	.021		
10.0	.151	.073	.020	.149	.072	.020	.145	.071	.020	.140	.070	.020	.136	.069	.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	.150	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.141	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.148	.100	.064	.127	.087	.055	.087	.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	.117	.063	.027	.100	.055	.023	.070	.038	.017	.041	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.067	.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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm											
NAME: HBA						TYPE:HIGH BAY LIGHT		WEIGHT:			
SPEC.:AOK-100WHBA-L2-00-5080-90D-P						DIM.:		SERIAL No.:			
MFR.: AOK						SUR.:160*160mm		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	18.8	20.2	19.1	20.4	20.6	18.8	20.1	19.0	20.3	20.5	
	3H	19.2	20.4	19.5	20.6	20.8	19.1	20.3	19.4	20.5	20.8
	4H	19.2	20.4	19.5	20.6	20.9	19.2	20.3	19.5	20.6	20.8
	6H	19.2	20.3	19.6	20.6	20.8	19.2	20.3	19.5	20.5	20.8
	8H	19.2	20.3	19.6	20.5	20.8	19.2	20.2	19.5	20.5	20.7
	12H	19.2	20.2	19.5	20.5	20.8	19.1	20.1	19.5	20.4	20.7
4H	2H	19.0	20.1	19.3	20.4	20.6	18.9	20.0	19.2	20.3	20.5
	3H	19.4	20.4	19.8	20.7	21.0	19.3	20.3	19.7	20.6	20.9
	4H	19.5	20.4	19.9	20.8	21.1	19.5	20.4	19.8	20.7	21.0
	6H	19.6	20.4	20.0	20.7	21.1	19.5	20.3	19.9	20.7	21.0
	8H	19.6	20.3	20.0	20.7	21.1	19.5	20.3	19.9	20.6	21.0
	12H	19.6	20.2	20.0	20.6	21.0	19.5	20.2	19.9	20.6	21.0
8H	4H	19.5	20.3	19.9	20.6	21.0	19.4	20.2	19.9	20.5	20.9
	6H	19.6	20.2	20.1	20.6	21.0	19.6	20.2	20.0	20.6	21.0
	8H	19.6	20.2	20.1	20.6	21.0	19.6	20.1	20.0	20.5	21.0
	12H	19.6	20.1	20.1	20.5	21.0	19.6	20.0	20.1	20.5	21.0
12H	4H	19.5	20.2	19.9	20.5	20.9	19.4	20.1	19.8	20.5	20.9
	6H	19.6	20.1	20.1	20.5	21.0	19.5	20.1	20.0	20.5	20.9
	8H	19.6	20.1	20.1	20.5	21.0	19.6	20.0	20.0	20.5	20.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 1.0					+ 0.8 / - 1.0					
1.5H	+ 0.4 / - 0.4					+ 0.4 / - 0.4					
2.0H	+ 1.6 / - 1.8					+ 1.6 / - 1.8					

CIE Pub.117, 16317 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 9.7$)

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

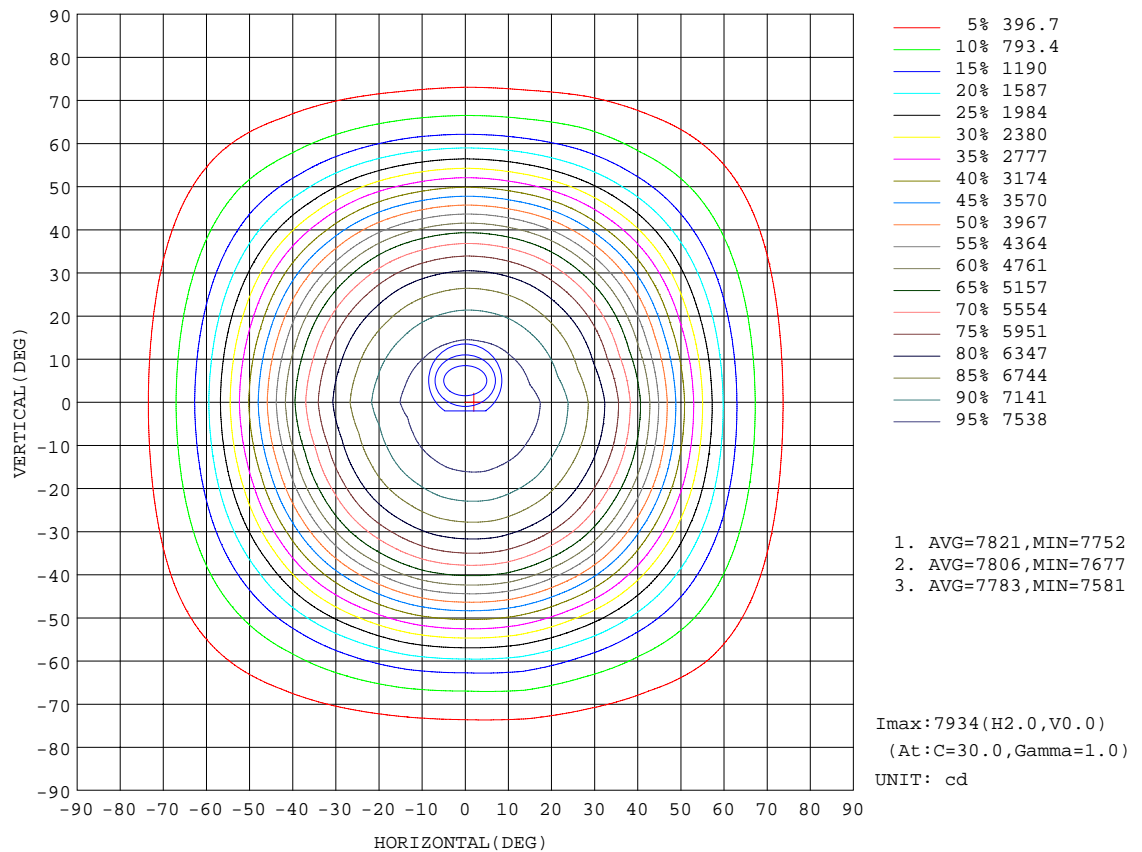
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	66	56	50	65	55	49	64	55	49	44
0.80	76	66	60	75	66	60	73	65	59	53
1.00	84	75	69	83	74	69	81	75	68	62
1.25	91	82	76	89	82	76	87	80	75	69
1.50	95	87	82	94	86	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	106	103	105	102	100	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

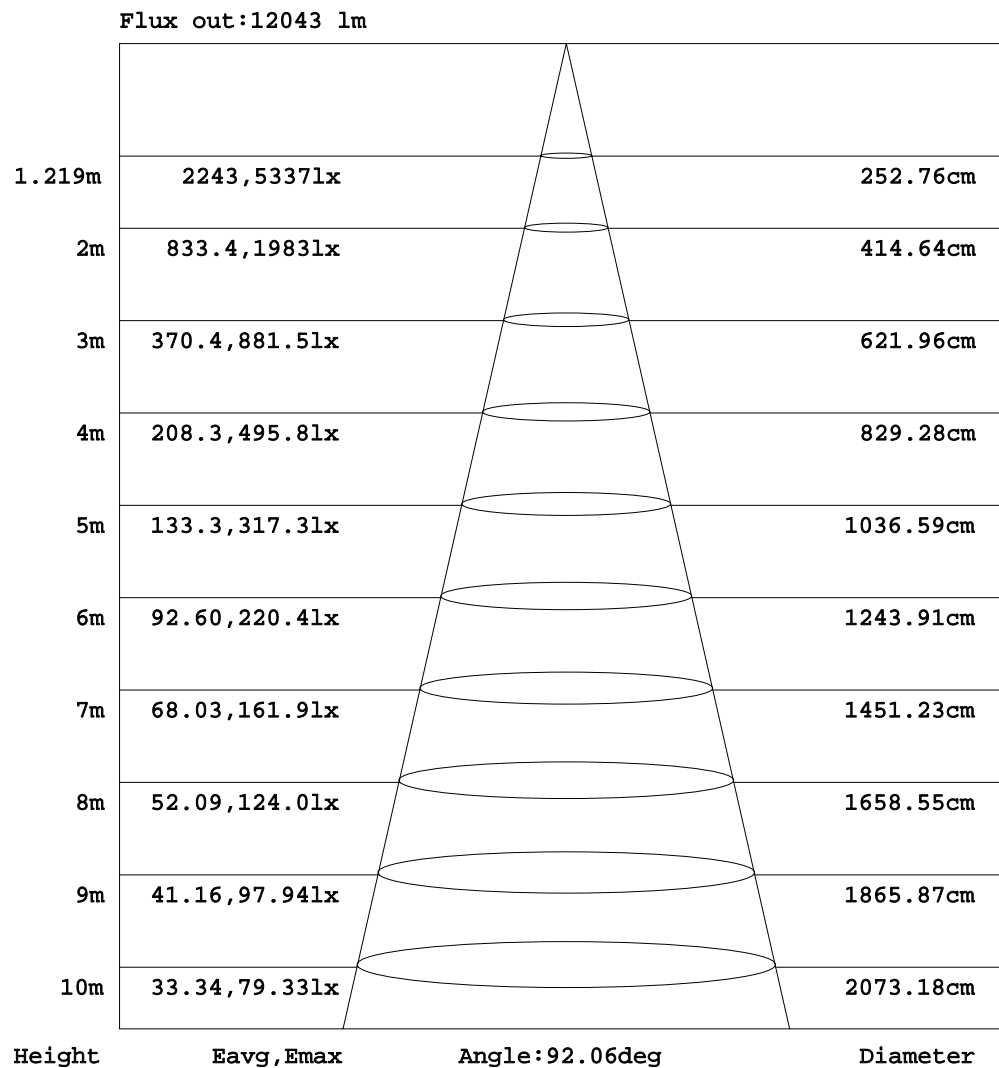


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



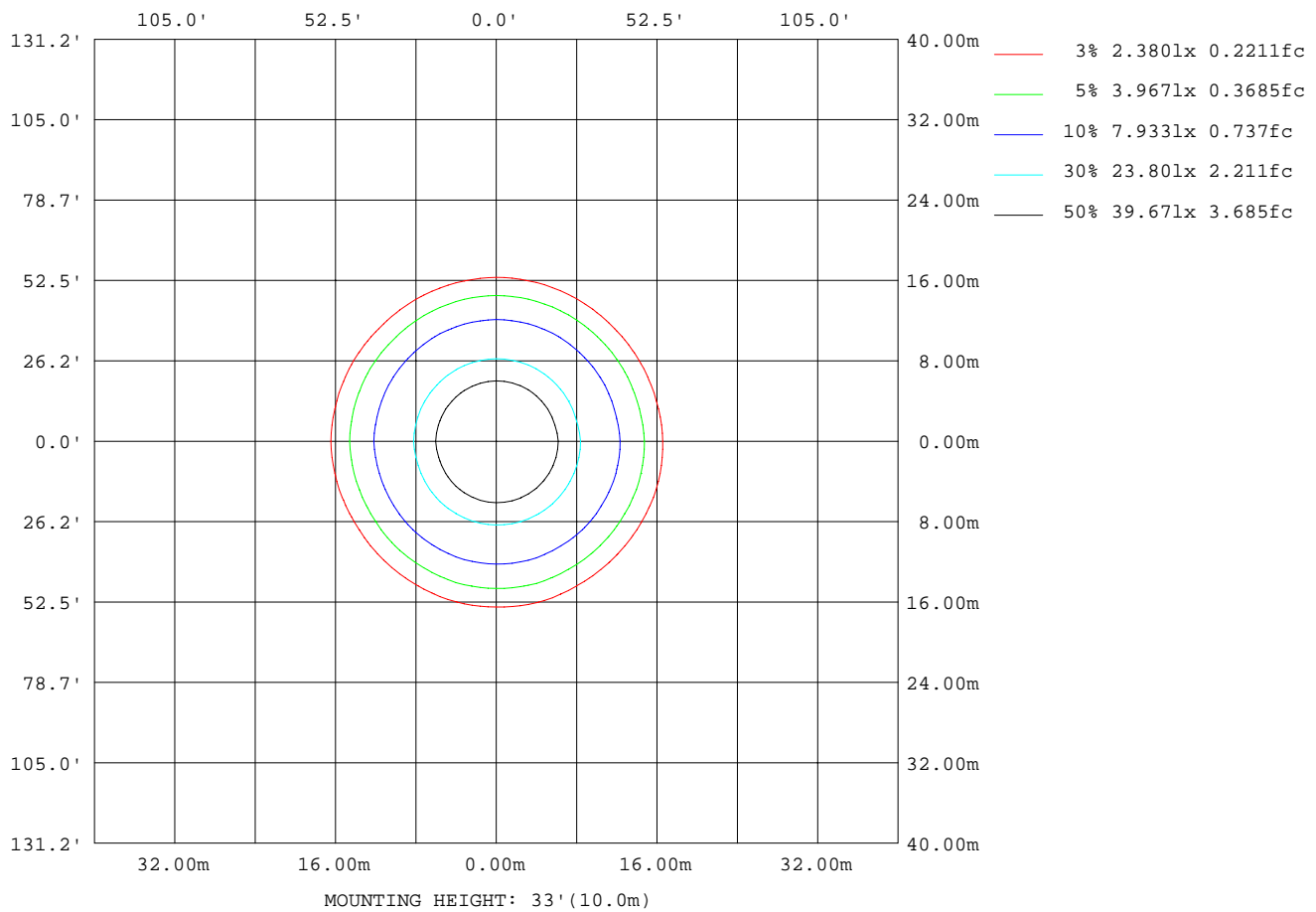
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

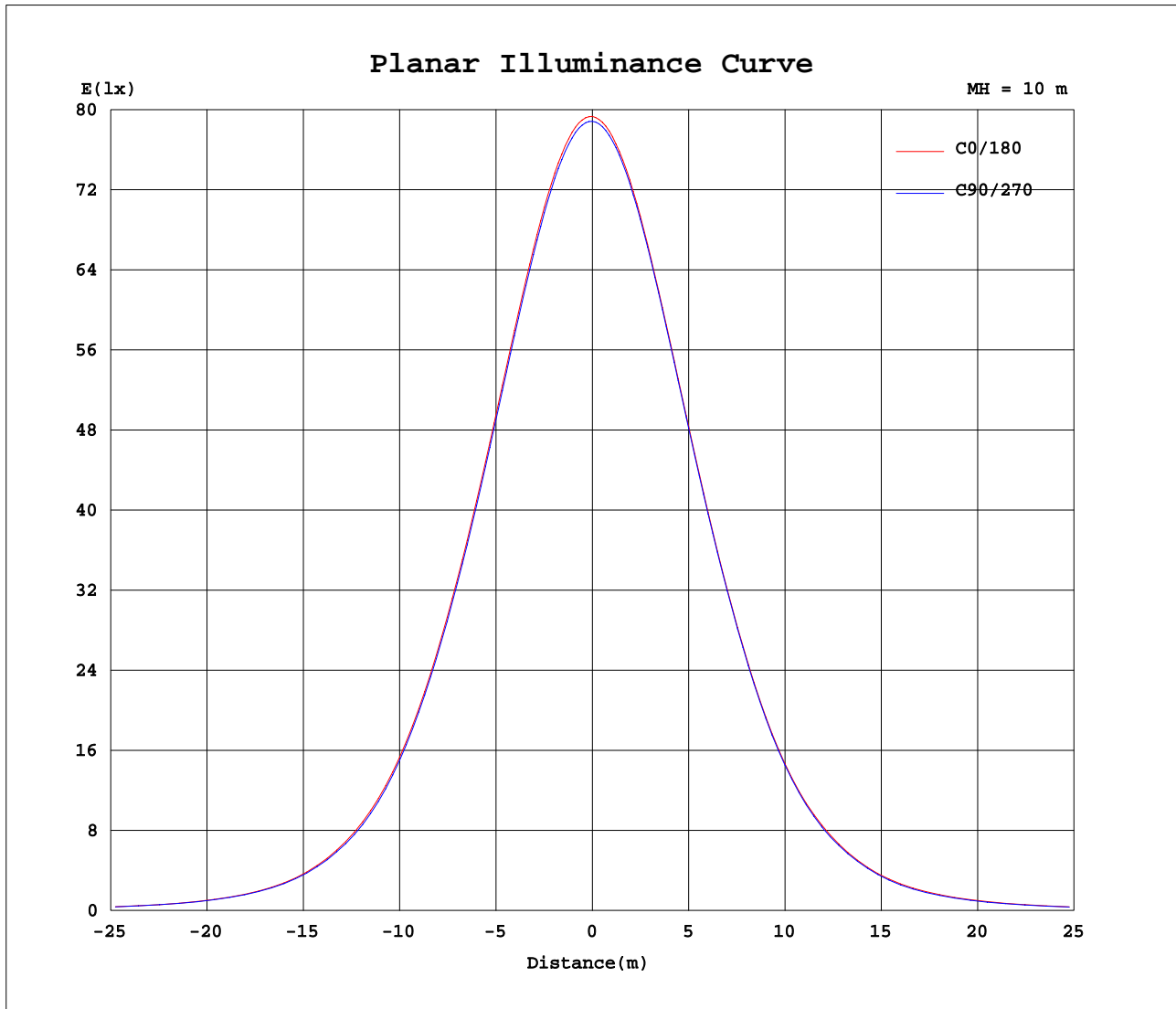
AvgL	cd/m2
L_0~180(65)av	57201
L_0~180(75)av	32046
L_0~180(85)av	15353
L_90~270(65)av	55406
L_90~270(75)av	31418
L_90~270(85)av	15721
L_45(65)av	53625
L_45(75)av	30311
L_45(85)av	15840

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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893
5	7875	7878	7879	7879	7876	7874	7871	7864	7855	7851	7843	7837	7837	7832	7835	7832	7836	7834	7841
10	7780	7786	7789	7789	7784	7780	7770	7759	7741	7729	7716	7705	7711	7698	7702	7697	7704	7706	7720
15	7609	7621	7618	7626	7616	7613	7593	7577	7552	7534	7507	7493	7506	7487	7487	7486	7496	7501	7522
20	7360	7372	7371	7376	7367	7363	7339	7316	7279	7255	7215	7195	7221	7196	7195	7190	7208	7218	7241
25	7018	7031	7025	7037	7023	7021	6989	6962	6912	6884	6837	6812	6853	6818	6815	6810	6832	6845	6872
30	6568	6582	6573	6590	6575	6573	6535	6508	6448	6413	6358	6333	6393	6342	6342	6330	6359	6373	6406
35	5994	6011	5997	6019	6002	6003	5956	5925	5858	5819	5753	5725	5804	5743	5737	5727	5758	5775	5815
40	5241	5260	5243	5269	5243	5254	5198	5166	5085	5046	4973	4943	5041	4968	4966	4952	4989	5000	5042
45	4312	4334	4309	4325	4299	4308	4250	4223	4143	4110	4051	4039	4124	4049	4046	4019	4059	4062	4109
50	3327	3341	3315	3320	3275	3289	3248	3239	3168	3139	3099	3110	3195	3121	3117	3079	3112	3112	3147
55	2375	2400	2354	2342	2318	2360	2327	2306	2248	2228	2182	2219	2276	2234	2213	2158	2191	2204	2244
60	1548	1586	1550	1527	1520	1571	1525	1528	1474	1446	1433	1488	1505	1475	1452	1398	1415	1431	1448
65	974	1004	988	949	956	1010	962	969	936	907	919	951	960	938	926	871	878	902	911
70	598	606	607	571	581	620	591	587	570	541	564	584	587	572	559	522	534	536	559
75	336	341	341	326	330	352	338	335	320	317	323	338	328	321	314	296	298	299	313
80	165	169	167	166	165	173	168	166	159	162	160	163	155	156	149	146	145	146	152
85	57.3	60.3	58.7	60.7	58.5	61.3	58.9	59.4	56.0	57.8	55.1	55.0	49.8	49.1	48.3	47.5	47.9	49.0	50.7
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:0.4359A P:99.29W PF:0.9632 Freq:60.01Hz Lamp Flux:16317.3x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	7893	7893	7893	7893	7893														
5	7846	7853	7858	7864	7869														
10	7724	7737	7745	7758	7763														
15	7525	7545	7554	7570	7575														
20	7252	7270	7282	7298	7305														
25	6883	6905	6915	6933	6942														
30	6418	6443	6448	6466	6468														
35	5828	5853	5849	5870	5869														
40	5053	5082	5075	5096	5097														
45	4110	4152	4144	4171	4173														
50	3139	3172	3155	3205	3210														
55	2219	2225	2222	2261	2285														
60	1445	1446	1431	1463	1510														
65	912	926	899	926	962														
70	549	572	550	572	586														
75	311	322	316	323	332														
80	151	154	158	159	164														
85	51.2	52.9	54.9	56.6	56.6														
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: