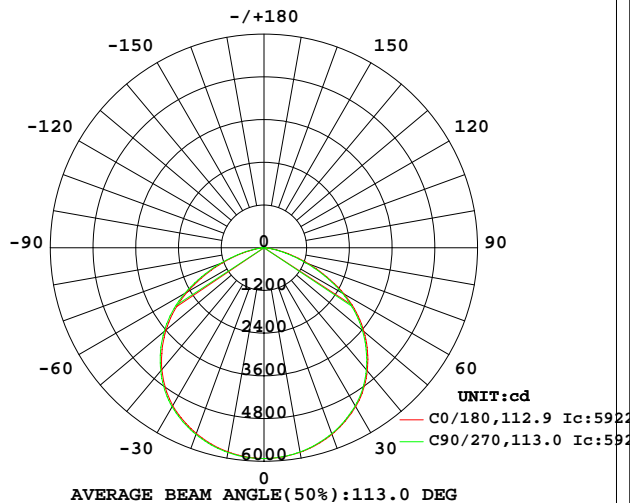


LUMINAIRE PHOTOMETRIC TEST REPORT

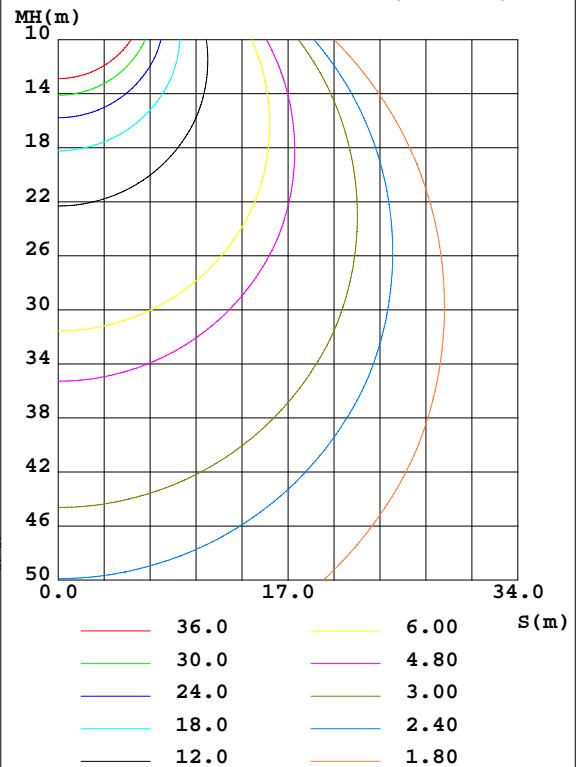
Test:U:219.4V I:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 165.40 lm/W			
MODEL	2835	I _{max} (cd)	5925	S/MH(C0/180)	1.29
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16440	η UP,DN(C0-180)	0.0,49.9
NOMINAL FLUX(lm)	16439.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.35

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:2021-10-07

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	5833	5830	5825	5821	5823	5831	5838	5838	0- 10	560.8	560.8	3.41,3.41
20	5577	5572	5558	5553	5553	5565	5584	5588	10- 20	1616	2176	13.2,13.2
30	5151	5144	5124	5116	5124	5137	5163	5165	20- 30	2478	4654	28.3,28.3
40	4511	4497	4472	4453	4462	4472	4510	4519	30- 40	3029	7684	46.7,46.7
50	3665	3658	3609	3600	3591	3616	3660	3678	40- 50	3147	10831	65.9,65.9
60	2598	2590	2533	2517	2492	2511	2577	2595	50- 60	2786	13617	82.8,82.8
70	1348	1331	1275	1259	1249	1267	1321	1341	60- 70	1891	15508	94.3,94.3
80	351.8	346.9	309.1	300.5	292.0	310.8	337.7	354.0	70- 80	813.6	16322	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	117.7	16440	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16440	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16440	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16440	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16440	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16440	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16440	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16440	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16440	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16440	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9270.8 lm

%lum = 56.4%

%lamp = 56.4%

Conical surface Flux(120deg): 13617 lm

%lum = 82.8%

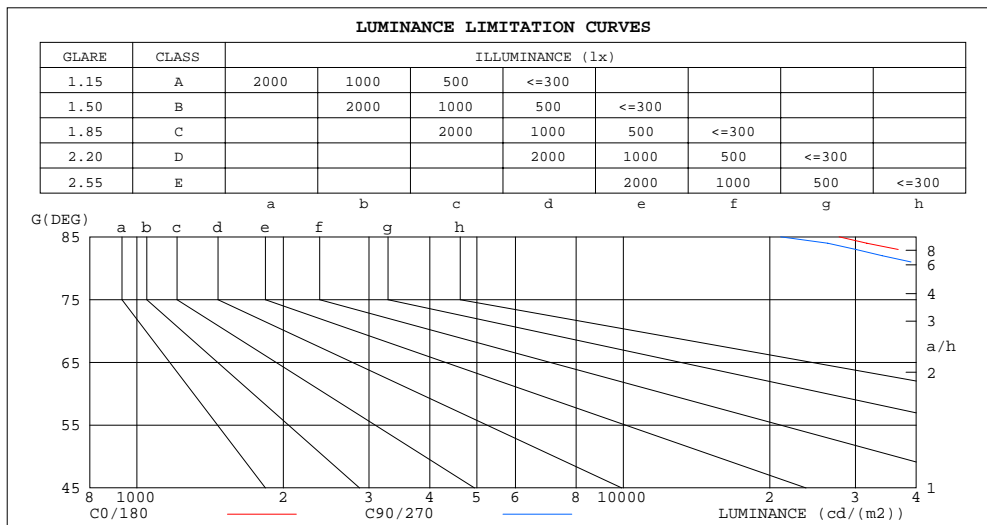
%lamp = 82.8%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	27775	21069
80	51094	44405
75	77979	70638
70	99387	93000
65	116494	112063
60	131049	126414
55	139130	134961
50	143811	140078
45	146654	143290

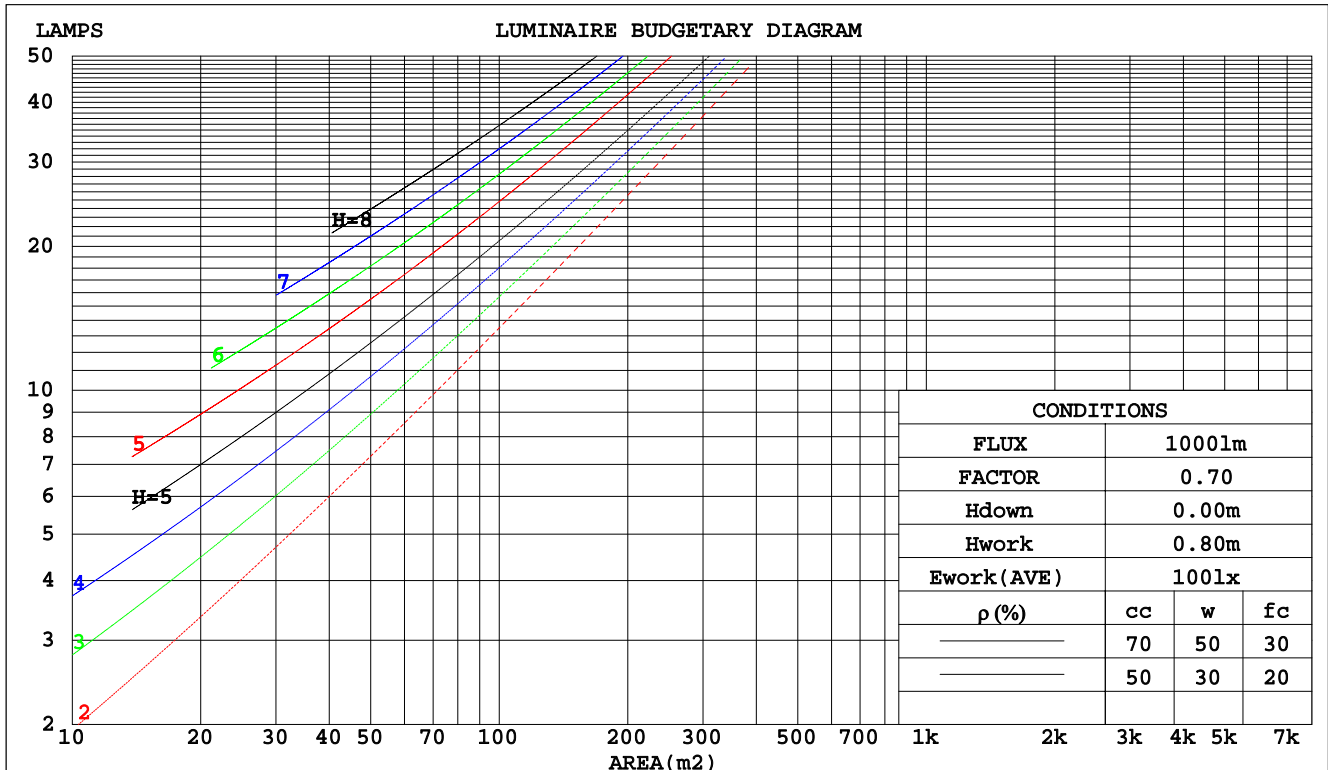
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.73	.67	.80	.72	.66	.77	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.64	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.38	.52	.43	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.34	.47	.39	.33	.46	.38	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-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	.286	.163	.052	.279	.159	.051	.266	.153	.049	.254	.146	.047	.243	.141	.045		
2.0	.276	.151	.046	.270	.149	.046	.258	.144	.045	.248	.139	.043	.238	.134	.042		
3.0	.259	.138	.041	.254	.136	.041	.243	.132	.040	.234	.128	.039	.225	.125	.039		
4.0	.241	.125	.037	.236	.124	.037	.227	.121	.036	.219	.118	.035	.211	.115	.035		
5.0	.225	.114	.033	.220	.113	.033	.212	.110	.033	.205	.108	.032	.198	.106	.032		
6.0	.209	.105	.030	.205	.104	.030	.198	.102	.030	.192	.100	.029	.185	.098	.029		
7.0	.195	.097	.027	.192	.096	.027	.186	.094	.027	.180	.092	.027	.174	.090	.027		
8.0	.183	.089	.025	.180	.089	.025	.174	.087	.025	.169	.086	.025	.164	.084	.024		
9.0	.172	.083	.023	.169	.082	.023	.164	.081	.023	.159	.080	.023	.155	.078	.023		
10.0	.162	.078	.022	.159	.077	.021	.155	.076	.021	.150	.075	.021	.146	.074	.021		

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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.091	.061	.036	.053	.036	.022	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.030	.051	.032	.018	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm											
NAME: HBA						TYPE:HIGH BAY LIGHT			WEIGHT:		
SPEC.:AOK-100WHBA-L2-00-5080-120D-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	2H	20.4	21.9	20.7	22.1	22.3	20.3	21.8	20.5	22.0	22.2
	3H	21.5	22.9	21.8	23.1	23.4	21.3	22.7	21.6	22.9	23.2
	4H	21.9	23.2	22.2	23.4	23.7	21.6	22.9	21.9	23.2	23.4
	6H	22.0	23.2	22.3	23.5	23.8	21.7	23.0	22.1	23.2	23.5
	8H	22.0	23.2	22.3	23.4	23.7	21.7	22.9	22.1	23.2	23.5
	12H	22.0	23.1	22.3	23.4	23.7	21.7	22.8	22.0	23.1	23.4
4H	2H	20.9	22.2	21.2	22.4	22.7	20.8	22.1	21.1	22.3	22.6
	3H	22.2	23.3	22.5	23.6	23.9	22.0	23.1	22.4	23.4	23.7
	4H	22.6	23.6	23.0	23.9	24.3	22.4	23.4	22.7	23.7	24.1
	6H	22.8	23.7	23.2	24.0	24.4	22.5	23.4	22.9	23.8	24.2
	8H	22.8	23.6	23.2	24.0	24.4	22.5	23.4	23.0	23.8	24.1
	12H	22.8	23.6	23.2	24.0	24.4	22.5	23.3	23.0	23.7	24.1
8H	4H	22.7	23.5	23.1	23.9	24.3	22.5	23.3	22.9	23.7	24.1
	6H	23.0	23.6	23.4	24.1	24.5	22.7	23.4	23.2	23.8	24.2
	8H	23.0	23.6	23.5	24.0	24.5	22.8	23.4	23.2	23.8	24.2
	12H	23.0	23.5	23.5	24.0	24.5	22.8	23.3	23.2	23.7	24.2
12H	4H	22.7	23.4	23.1	23.8	24.2	22.5	23.2	22.9	23.6	24.0
	6H	22.9	23.6	23.4	24.0	24.4	22.7	23.3	23.2	23.8	24.2
	8H	23.0	23.5	23.5	24.0	24.5	22.8	23.3	23.2	23.7	24.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5					
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4					

CIE Pub.117, 16440 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:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

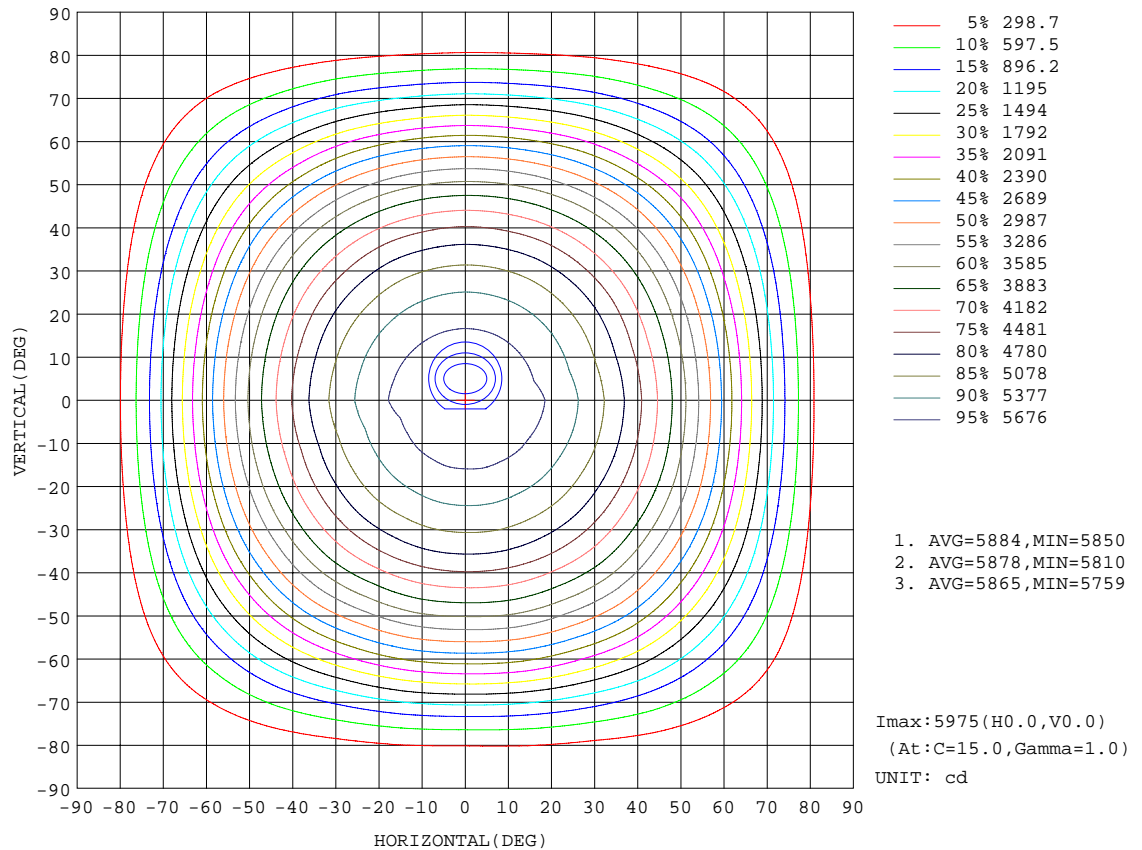
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	47	40	58	47	40	57	46	40	33
0.80	69	57	50	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	67	59
1.50	90	80	74	88	79	73	85	78	72	65
2.00	96	88	82	95	87	82	91	85	80	72
2.50	100	93	87	98	92	86	94	89	84	76
3.00	103	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	107	103	100	103	100	97	88
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:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

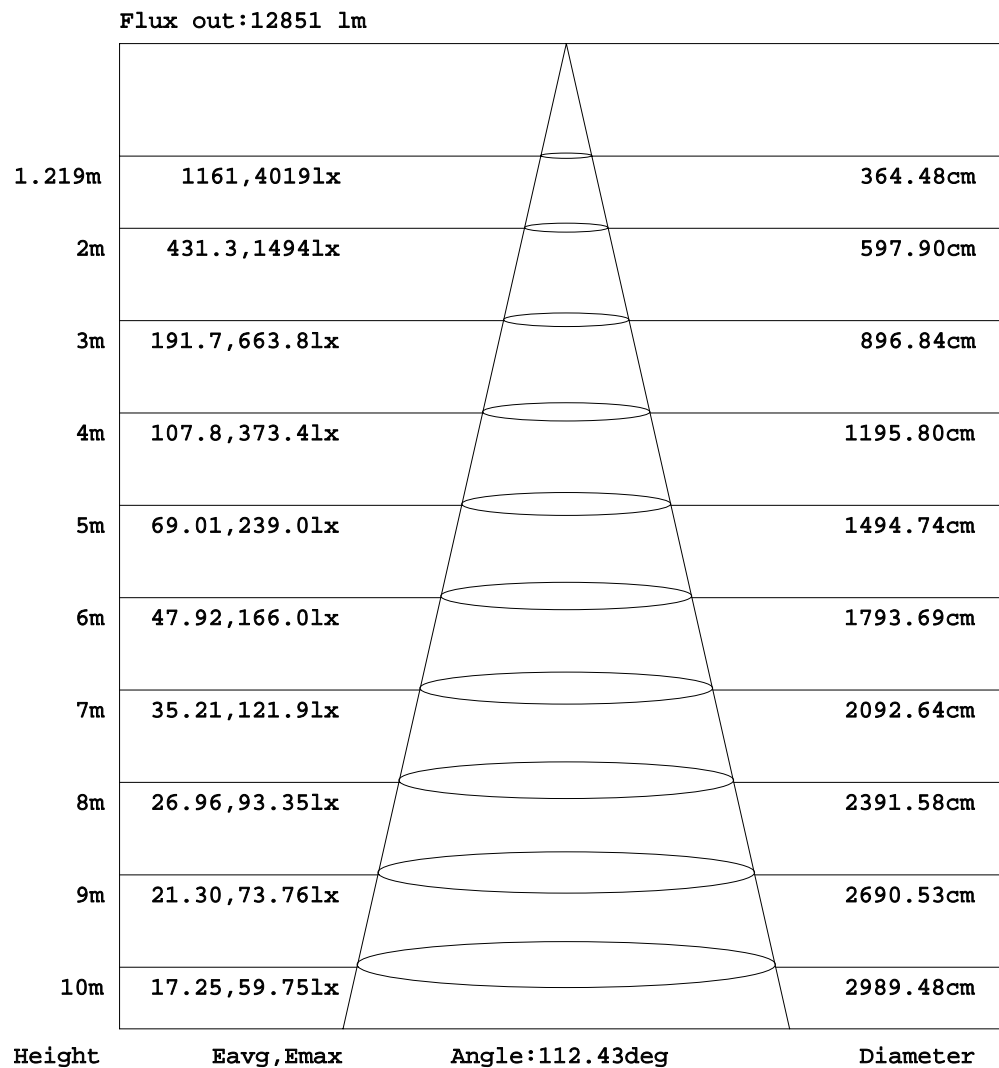


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



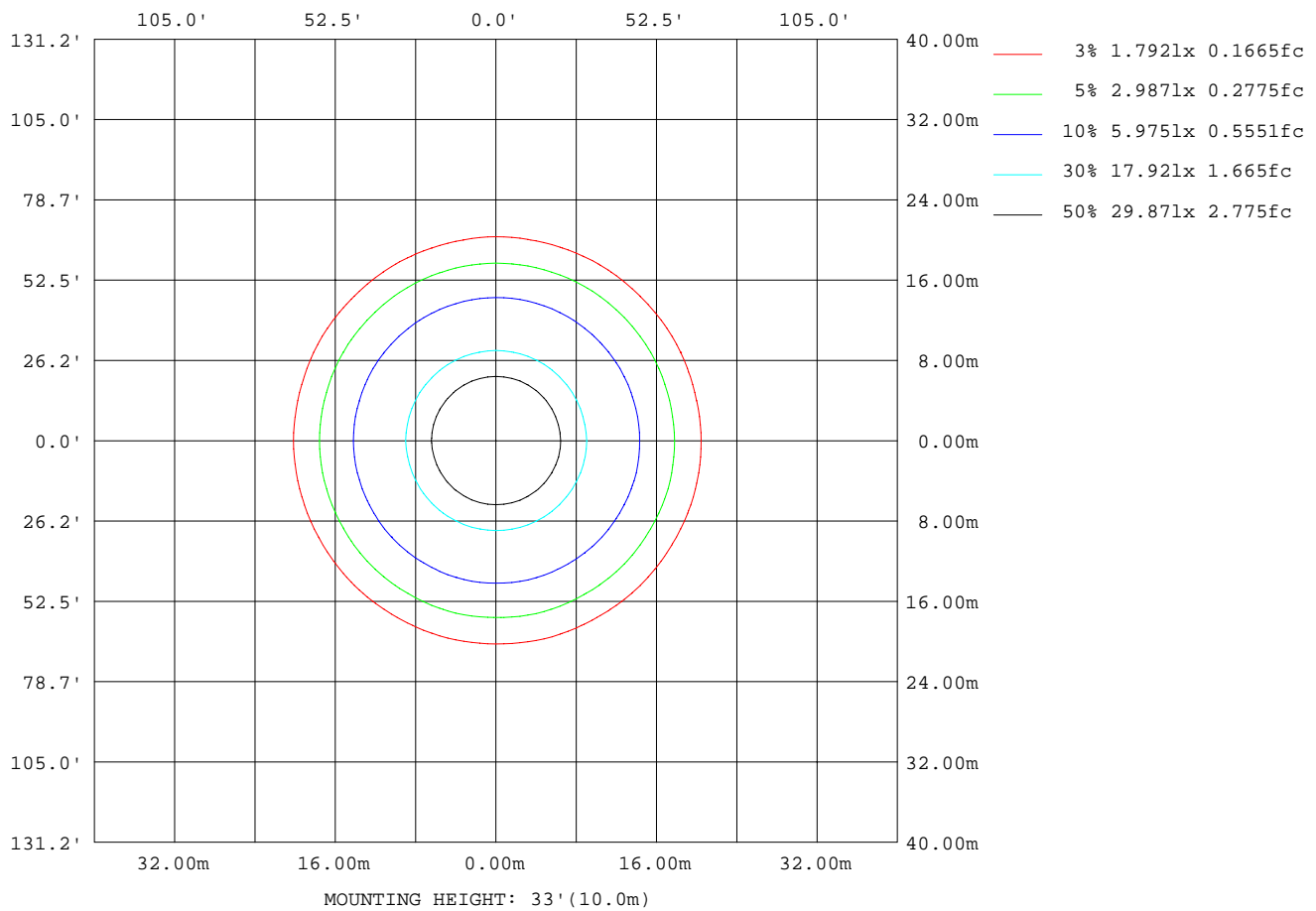
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-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:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

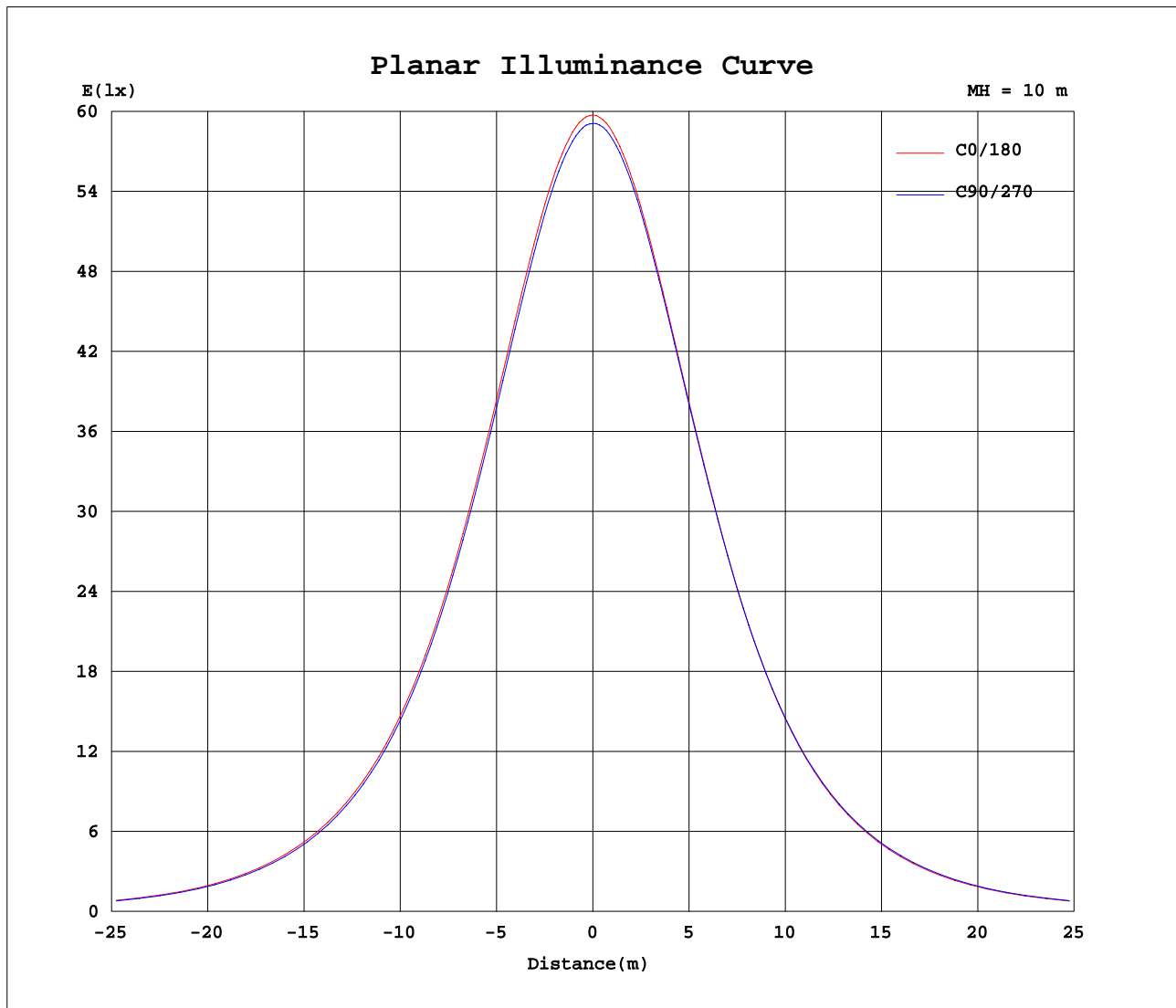
AvgL	cd/m2
L_0~180(65)av	112412
L_0~180(75)av	73292
L_0~180(85)av	23071
L_90~270(65)av	113226
L_90~270(75)av	72658
L_90~270(85)av	22555
L_45(65)av	112637
L_45(75)av	72885
L_45(85)av	22687

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-07

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: 2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	C(DEC)																		
γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922	5922
5	5899	5902	5898	5899	5896	5896	5896	5893	5892	5893	5891	5895	5895	5898	5899	5899	5900	5899	5904
10	5833	5835	5829	5830	5827	5824	5825	5823	5819	5821	5819	5821	5823	5827	5829	5831	5832	5832	5838
15	5727	5730	5723	5723	5715	5716	5711	5711	5706	5708	5705	5708	5710	5714	5717	5717	5723	5722	5733
20	5577	5584	5572	5572	5565	5563	5558	5559	5550	5553	5549	5553	5553	5559	5562	5565	5570	5573	5584
25	5384	5391	5380	5379	5367	5366	5362	5357	5349	5351	5348	5356	5358	5362	5368	5372	5378	5380	5392
30	5151	5158	5144	5144	5134	5131	5124	5118	5110	5116	5111	5119	5124	5125	5135	5137	5150	5150	5163
35	4864	4874	4857	4860	4844	4845	4835	4831	4816	4821	4811	4819	4821	4823	4832	4835	4849	4851	4867
40	4511	4514	4500	4497	4489	4479	4472	4463	4452	4453	4447	4454	4462	4459	4475	4472	4492	4488	4510
45	4111	4119	4097	4102	4081	4082	4061	4061	4039	4050	4038	4051	4050	4051	4067	4069	4083	4091	4110
50	3665	3680	3651	3658	3628	3638	3609	3614	3582	3600	3581	3600	3591	3596	3610	3616	3629	3645	3660
55	3164	3182	3153	3157	3122	3131	3103	3107	3074	3090	3072	3086	3074	3075	3093	3099	3119	3133	3153
60	2598	2613	2584	2590	2554	2565	2533	2540	2506	2517	2491	2500	2492	2486	2508	2511	2540	2550	2577
65	1952	1964	1942	1941	1912	1919	1898	1890	1869	1865	1854	1853	1849	1846	1871	1866	1893	1897	1930
70	1348	1356	1330	1331	1304	1298	1275	1278	1249	1259	1244	1250	1249	1245	1269	1267	1285	1289	1321
75	800	806	778	775	758	754	733	739	719	725	703	717	717	708	725	726	754	752	772
80	352	364	350	347	320	326	309	317	300	300	293	298	292	292	309	311	317	323	338
85	96.0	94.9	87.3	87.5	82.2	81.7	73.6	74.6	67.5	68.3	63.4	67.5	64.9	64.9	68.7	71.0	77.3	78.7	83.7
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:2021-10-07

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:0.4365A P:99.39W PF:0.9633 Freq:60.01Hz Lamp Flux:16439.6x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	5922	5922	5922	5922	5922														
5	5900	5901	5901	5902	5901														
10	5836	5837	5838	5839	5836														
15	5731	5732	5735	5734	5734														
20	5580	5585	5588	5588	5586														
25	5389	5395	5397	5396	5393														
30	5159	5167	5165	5169	5163														
35	4867	4877	4876	4880	4874														
40	4506	4522	4519	4527	4515														
45	4111	4121	4121	4131	4122														
50	3667	3673	3678	3683	3681														
55	3159	3169	3172	3180	3181														
60	2576	2594	2595	2608	2605														
65	1925	1946	1944	1967	1958														
70	1321	1338	1341	1359	1352														
75	778	796	792	809	801														
80	342	355	354	360	354														
85	86.8	92.1	89.6	94.6	92.2														
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:2021-10-07

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: