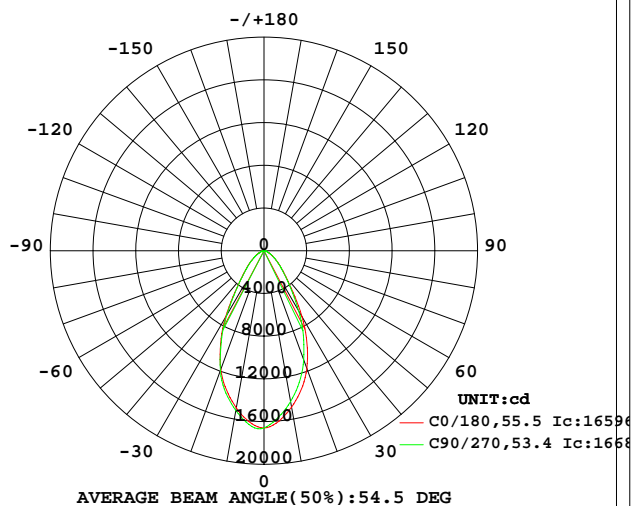


LUMINAIRE PHOTOMETRIC TEST REPORT

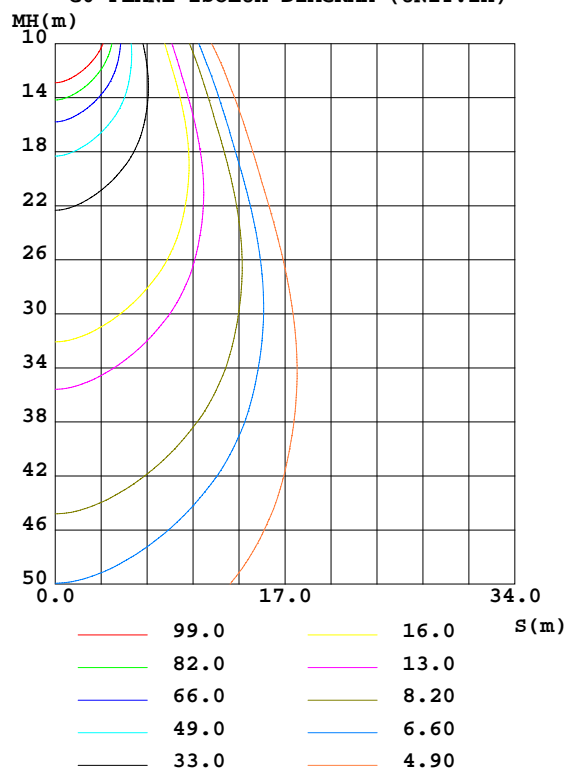
Test:U:219.4V I:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.28 lm/W			
MODEL	2835	Imax(cd)	16684	S/MH(C0/180)	0.84
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.84
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16011	η UP,DN(C0-180)	0.0,49.2
NOMINAL FLUX(lm)	16011.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	0.85

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	1487	1454	1434	1447	1495	1506	1519	1501	0- 10	1487	1487	9.29,9.29
20	1175	1123	1087	1104	1183	1183	1196	1174	10- 20	3710	5197	32.5,32.5
30	712.7	692.7	650.0	656.0	724.3	700.6	700.1	687.2	20- 30	4195	9392	58.7,58.7
40	320.1	328.9	313.2	305.1	321.4	323.3	316.9	310.9	30- 40	2918	12310	76.9,76.9
50	168.2	171.7	166.2	162.6	169.7	166.8	166.7	163.9	40- 50	1751	14061	87.8,87.8
60	82.95	84.18	82.21	81.03	83.30	81.69	81.13	81.08	50- 60	1054	15115	94.4,94.4
70	36.59	37.28	36.81	36.63	36.65	36.28	36.21	36.50	60- 70	554.5	15669	97.9,97.9
80	14.60	16.27	16.79	15.91	14.08	14.52	14.74	15.30	70- 80	269.7	15939	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	71.97	16011	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16011	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16011	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16011	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16011	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16011	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16011	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16011	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16011	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16011	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 13285 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 15115 lm

%lum = 94.4%

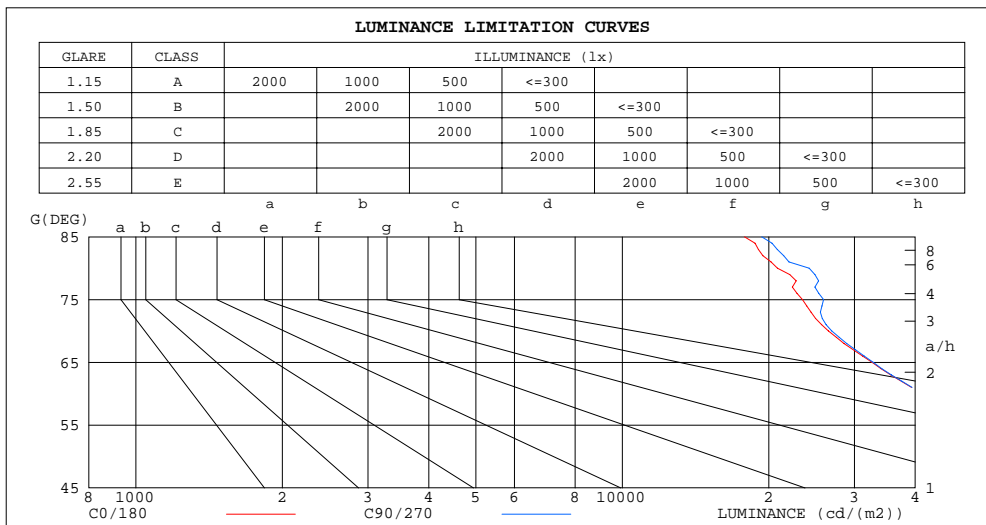
%lamp = 94.4%

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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	17827	19343
80	20842	24218
75	23454	25930
70	26518	26953
65	32621	32794
60	41122	41172
55	51235	51429
50	64863	64736
45	80201	80053

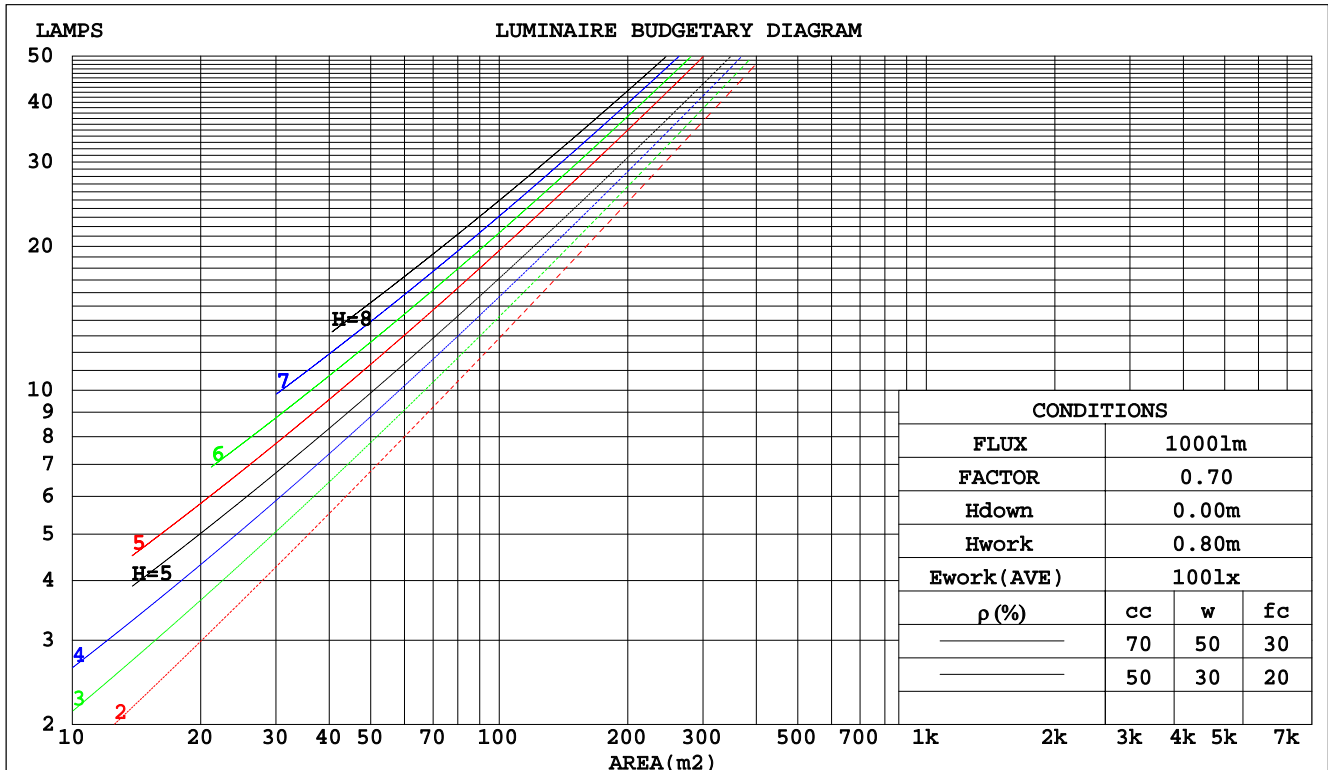
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-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	1.09	1.06	1.03	1.07	1.04	1.02	1.03	1.00	.99	.99	.97	.96	.95	.94	.93	.91
2.0	.00	.95	.91	.98	.93	.90	.95	.91	.88	.91	.89	.86	.89	.86	.84	.82
3.0	.91	.86	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.82	.79	.76	.75
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.65	.73	.69	.65	.72	.68	.64	.63
6.0	.73	.66	.61	.72	.65	.61	.70	.64	.60	.69	.64	.60	.67	.63	.59	.58
7.0	.68	.61	.56	.67	.61	.56	.66	.60	.56	.64	.59	.55	.63	.59	.55	.53
8.0	.63	.57	.52	.63	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.50
9.0	.60	.53	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.45	.56	.50	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.44



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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-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	.213	.121	.038	.206	.117	.037	.193	.111	.035	.181	.105	.034	.171	.099	.032	
2.0	.203	.111	.034	.198	.109	.034	.187	.104	.032	.177	.099	.031	.167	.095	.030	
3.0	.192	.102	.031	.187	.100	.030	.178	.096	.029	.169	.093	.028	.161	.089	.028	
4.0	.181	.094	.028	.177	.093	.027	.169	.090	.027	.161	.087	.026	.154	.084	.026	
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.025	.153	.081	.024	.147	.079	.024	
6.0	.162	.081	.023	.158	.080	.023	.152	.078	.023	.146	.076	.022	.140	.074	.022	
7.0	.153	.076	.021	.150	.075	.021	.144	.073	.021	.139	.071	.021	.134	.070	.020	
8.0	.145	.071	.020	.143	.070	.020	.138	.069	.020	.133	.067	.019	.128	.066	.019	
9.0	.138	.067	.019	.136	.066	.019	.131	.065	.018	.127	.064	.018	.123	.062	.018	
10.0	.131	.063	.017	.129	.062	.017	.125	.061	.017	.121	.060	.017	.118	.059	.017	

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	.174	.157	.142	.149	.135	.122	.102	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.038	.017	.015	.013	
3.0	.150	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.068	.120	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.047	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.118	.072	.039	.102	.062	.034	.070	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.112	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.107	.061	.029	.092	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.102	.056	.026	.088	.049	.023	.061	.034	.016	.036	.020	.010	.012	.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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm											
NAME: HBA					TYPE:HIGH BAY LIGHT			WEIGHT:			
SPEC.:AOK-100WHBA-L2-00-5080-60D-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	15.0	16.1	15.3	16.3	16.5	14.7	15.8	14.9	16.0	16.1	
	3H	15.4	16.4	15.7	16.7	16.9	15.1	16.1	15.4	16.3	16.5
	4H	15.6	16.5	15.9	16.8	17.0	15.3	16.3	15.6	16.5	16.7
	6H	15.7	16.6	16.0	16.8	17.1	15.5	16.4	15.8	16.6	16.9
	8H	15.7	16.6	16.0	16.9	17.1	15.5	16.4	15.8	16.7	16.9
	12H	15.7	16.6	16.0	16.8	17.1	15.5	16.4	15.9	16.7	16.9
4H	2H	15.2	16.1	15.4	16.4	16.6	14.9	15.8	15.1	16.0	16.3
	3H	15.7	16.5	16.0	16.8	17.1	15.4	16.3	15.8	16.5	16.8
	4H	15.9	16.7	16.3	17.0	17.3	15.7	16.5	16.1	16.8	17.1
	6H	16.2	16.8	16.5	17.2	17.5	16.0	16.7	16.4	17.0	17.4
	8H	16.2	16.8	16.6	17.2	17.6	16.1	16.7	16.5	17.1	17.5
	12H	16.3	16.8	16.7	17.2	17.6	16.2	16.7	16.6	17.1	17.5
8H	4H	16.0	16.6	16.4	17.0	17.3	15.8	16.4	16.2	16.8	17.2
	6H	16.3	16.8	16.7	17.2	17.6	16.2	16.7	16.6	17.1	17.5
	8H	16.4	16.9	16.9	17.3	17.7	16.3	16.8	16.8	17.2	17.7
	12H	16.5	16.9	17.0	17.3	17.8	16.4	16.8	16.9	17.3	17.7
12H	4H	16.0	16.6	16.4	16.9	17.3	15.8	16.4	16.2	16.7	17.1
	6H	16.3	16.8	16.8	17.2	17.6	16.2	16.7	16.7	17.1	17.5
	8H	16.5	16.8	16.9	17.3	17.8	16.4	16.8	16.8	17.2	17.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 1.0					+ 0.7 / - 0.8					
1.5H	+ 0.8 / - 0.6					+ 0.9 / - 0.5					
2.0H	+ 1.5 / - 1.2					+ 1.3 / - 1.1					

CIE Pub.117, 16011 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 9.6$)

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:

UTILIZATION FACTORS TABLE

Test:U:219.4V I:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

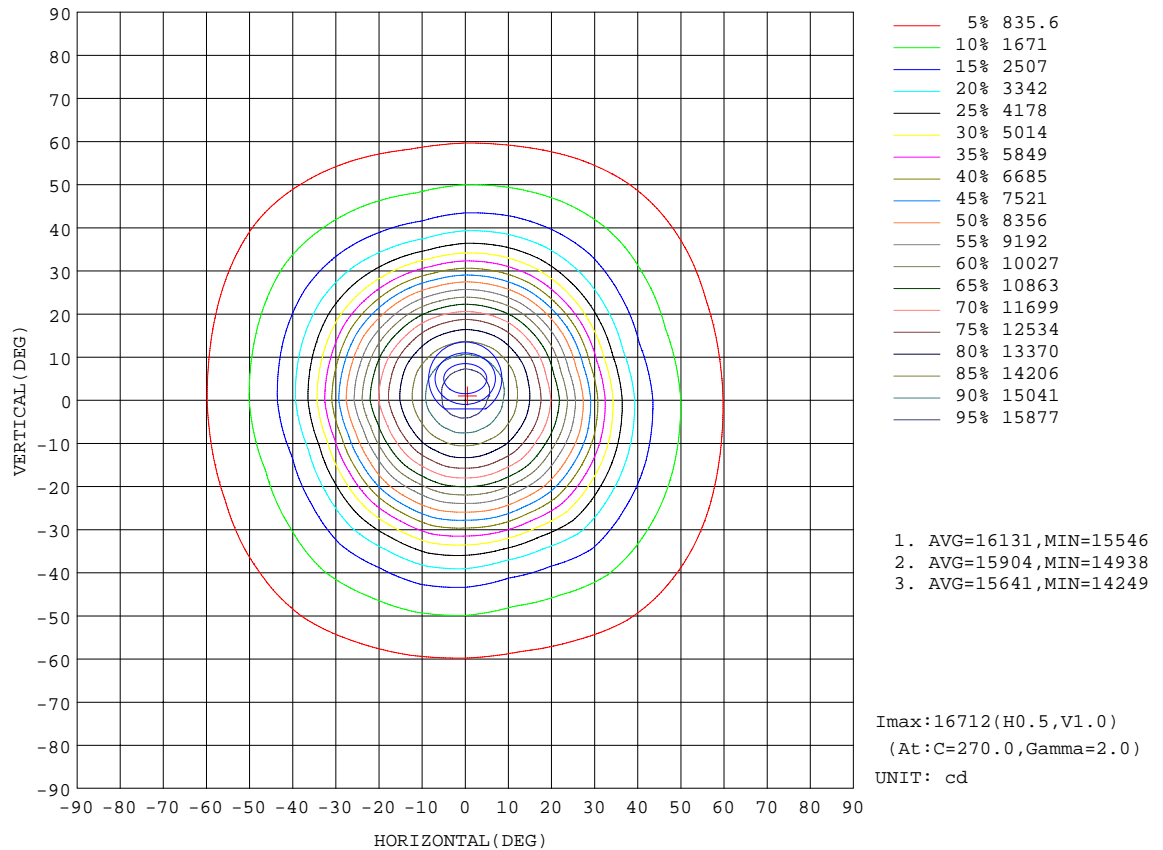
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	77	69	64	76	69	64	76	68	64	59
0.80	86	78	73	85	77	73	83	77	72	68
1.00	92	84	80	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	94	88	84	79
1.50	100	94	90	99	93	89	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	103	100	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	107	111	108	106	107	105	103	95
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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

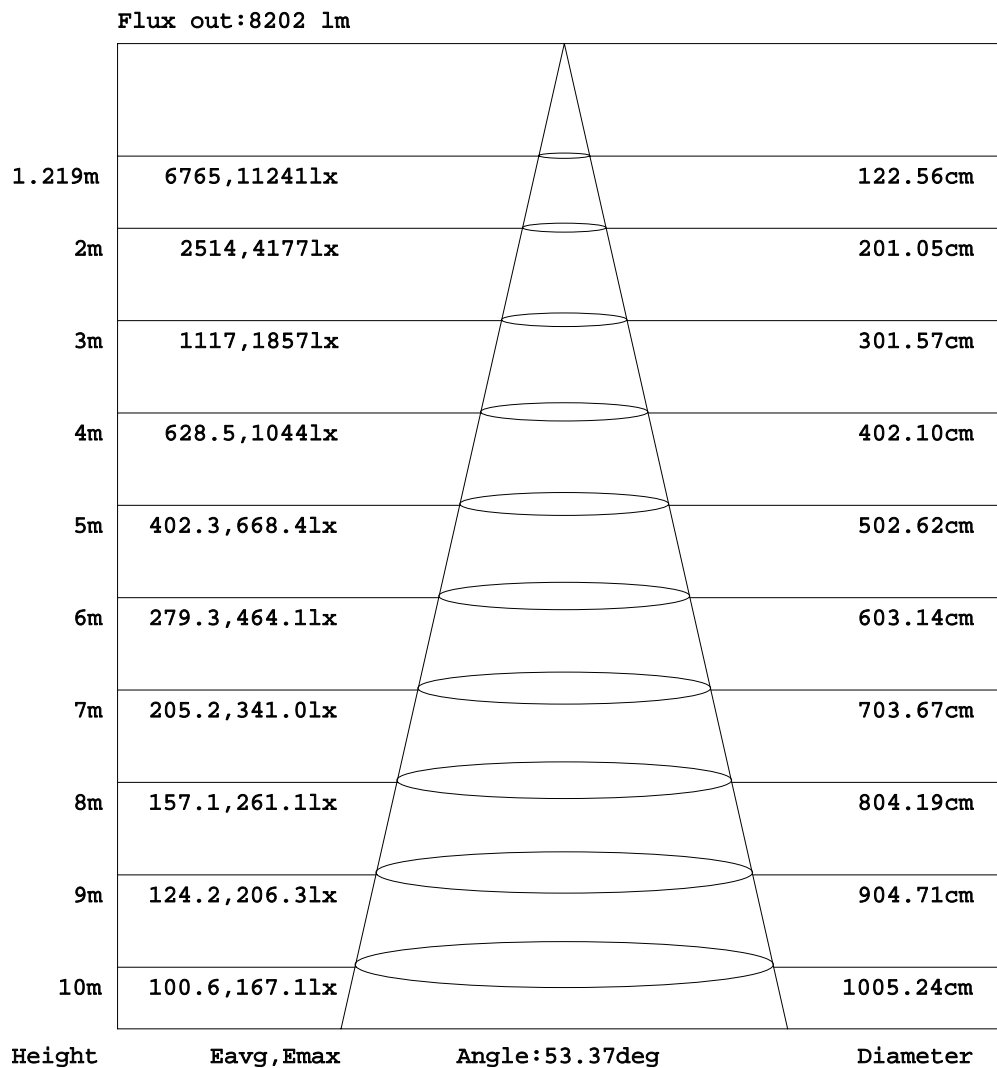


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2021-10-12

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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:



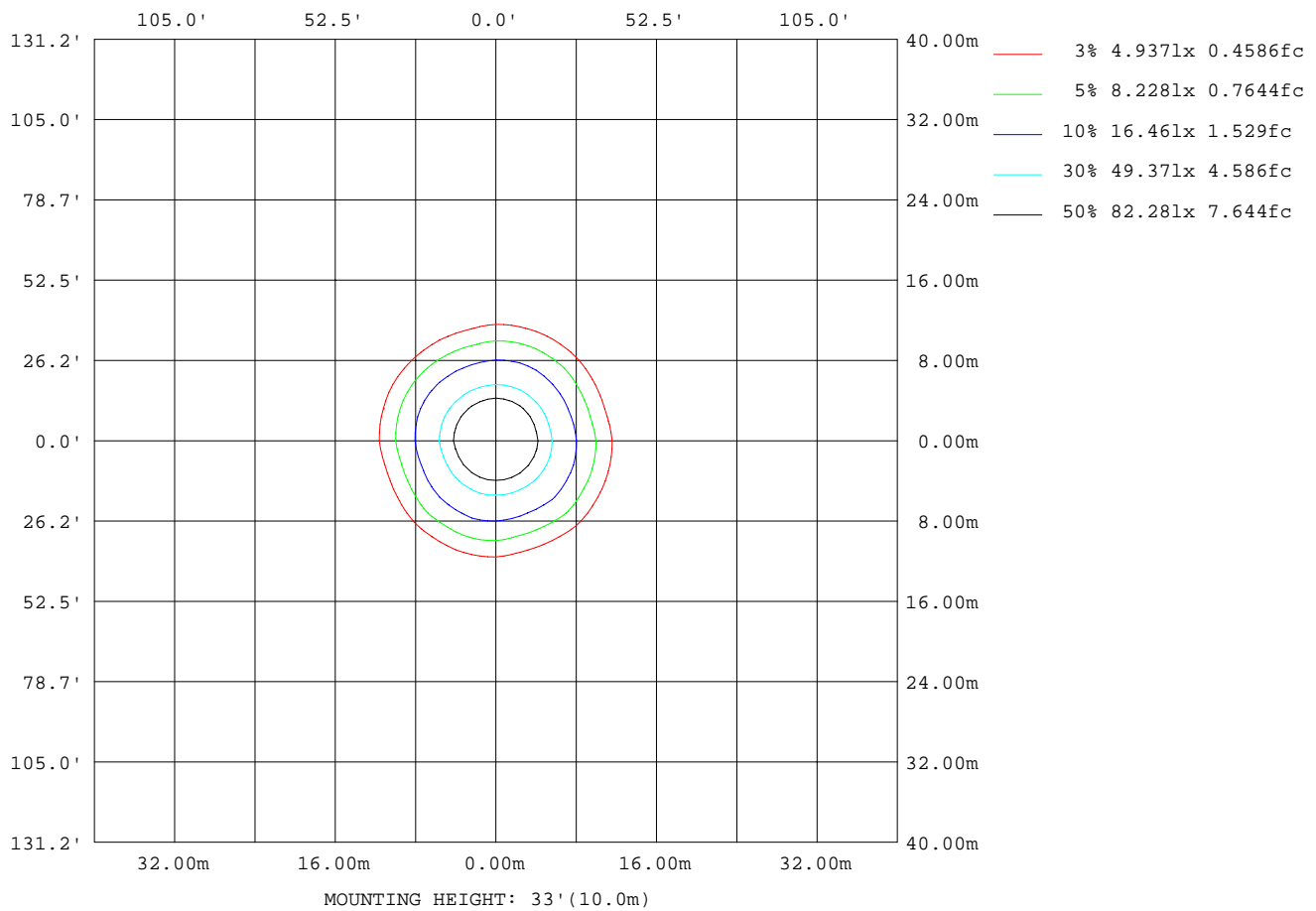
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

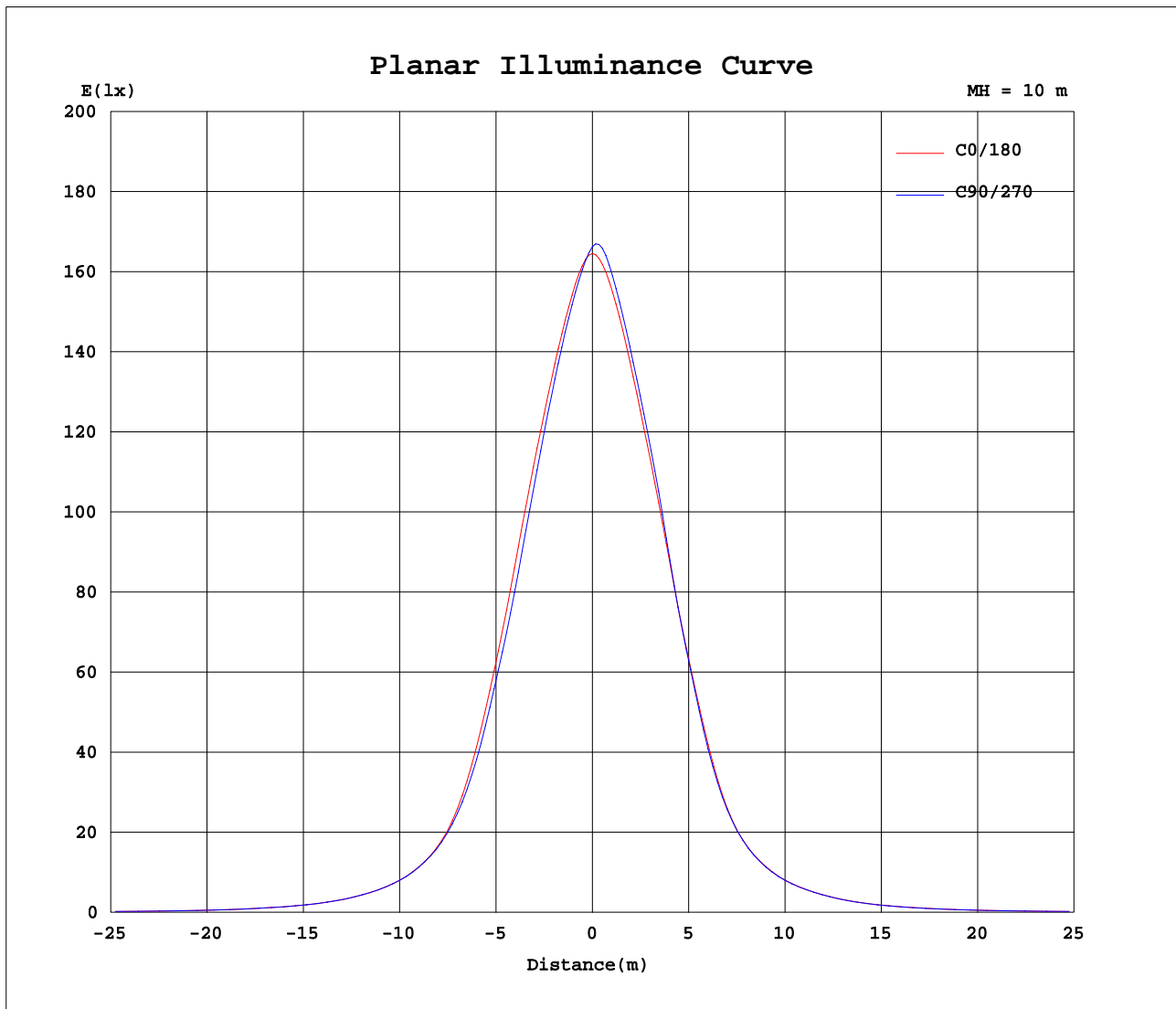
AvgL	cd/m2
L_0~180(65)av	32936
L_0~180(75)av	23641
L_0~180(85)av	17686
L_90~270(65)av	32465
L_90~270(75)av	25259
L_90~270(85)av	18549
L_45(65)av	32785
L_45(75)av	25070
L_45(85)av	18498

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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660	1660
5	1602	1594	1583	1577	1570	1566	1564	1567	1567	1575	1579	1589	1608	1610	1618	1620	1628	1627	1633
10	1487	1477	1463	1454	1441	1436	1434	1437	1438	1447	1453	1465	1495	1497	1506	1506	1514	1512	1519
15	1347	1333	1316	1307	1288	1283	1278	1283	1282	1294	1301	1316	1353	1356	1366	1365	1373	1373	1379
20	1175	1157	1133	1123	1099	1091	1087	1091	1089	1104	1109	1124	1183	1181	1188	1183	1190	1189	1196
25	953	943	922	913	890	881	873	882	878	888	883	895	963	956	955	945	946	940	949
30	713	716	698	693	657	654	650	665	651	656	646	656	724	715	719	701	694	682	700
35	475	482	477	480	440	435	449	461	442	442	427	426	477	481	488	472	457	445	466
40	320	323	322	329	297	290	313	318	304	305	289	283	321	330	333	323	308	298	317
45	229	233	231	237	215	210	226	230	220	222	207	204	230	237	238	230	221	214	226
50	168	170	170	172	159	155	166	168	162	163	153	152	170	172	175	167	163	157	167
55	119	120	120	121	114	112	118	119	116	115	109	108	119	122	121	117	114	111	116
60	82.9	84.1	83.4	84.2	80.3	78.7	82.2	83.1	81.3	81.0	76.9	76.5	83.3	84.0	84.4	81.7	80.3	78.1	81.1
65	55.6	56.8	56.0	56.6	54.3	53.8	55.3	56.2	55.2	55.2	52.6	52.6	55.7	56.4	56.3	54.9	54.2	52.9	54.4
70	36.6	37.3	36.9	37.3	36.3	36.0	36.8	37.3	36.5	36.6	35.4	35.5	36.7	37.0	37.0	36.3	36.1	35.4	36.2
75	24.5	25.2	25.5	26.4	26.3	26.6	26.8	26.7	25.9	26.3	25.8	26.0	24.5	25.1	25.1	25.5	25.5	25.3	25.5
80	14.6	15.3	16.0	16.3	16.0	16.2	16.8	16.5	16.2	15.9	15.4	15.5	14.1	14.4	14.5	14.5	14.7	14.6	14.7
85	6.27	6.53	6.43	6.82	6.76	6.97	6.73	6.82	6.63	6.78	6.50	6.52	6.06	5.81	5.90	5.82	6.10	6.06	6.20
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:0.4698A P:99.28W PF:0.9631 Freq:60.01Hz Lamp Flux:16011.1x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-100WHBA-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:160*160mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1660	1660	1660	1660	1660														
5	1628	1627	1616	1612	1599														
10	1514	1513	1501	1496	1481														
15	1374	1374	1361	1354	1337														
20	1191	1190	1174	1163	1144														
25	948	951	939	928	912														
30	701	703	687	682	667														
35	473	471	454	443	437														
40	321	321	311	296	288														
45	230	228	225	211	207														
50	168	168	164	157	153														
55	118	118	116	111	109														
60	81.4	82.1	81.1	78.6	77.1														
65	54.8	55.3	55.0	53.5	52.8														
70	36.3	36.6	36.5	36.0	35.5														
75	25.6	25.8	25.6	25.3	25.3														
80	15.1	15.3	15.3	15.7	15.5														
85	6.13	6.32	6.36	6.57	6.47														
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: