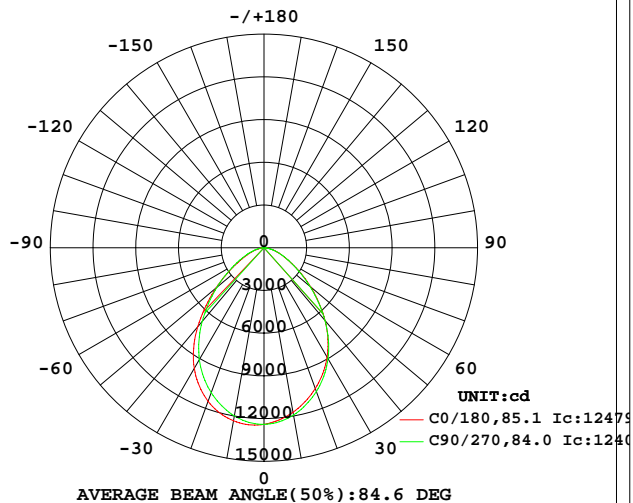


LUMINAIRE PHOTOMETRIC TEST REPORT

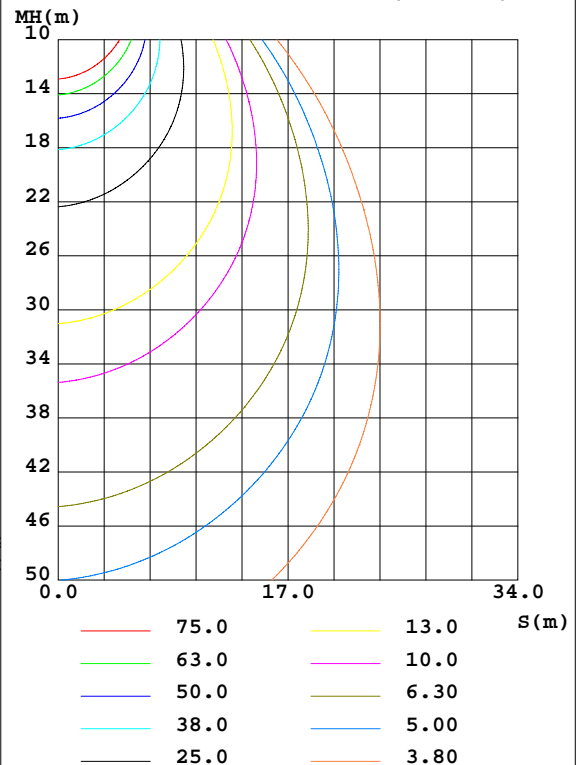
Test:U:219.4V I:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.98 lm/W			
MODEL	2835	I _{max} (cd)	12479	S/MH(C0/180)	1.18
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.11
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	23600	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	23599.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.15

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:
 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	1173	1175	1193	1219	1234	1224	1199	1174	0- 10	1164	1164	4.93,4.93
20	1053	1052	1075	1111	1148	1125	1084	1047	10- 20	3234	4397	18.6,18.6
30	886.9	882.6	899.5	928.5	979.4	948.9	908.2	870.7	20- 30	4617	9015	38.2,38.2
40	666.6	660.5	666.1	677.3	724.1	698.8	675.0	646.8	30- 40	4975	13990	59.3,59.3
50	428.7	425.7	421.7	417.9	439.7	428.4	432.1	418.2	40- 50	4207	18197	77.1,77.1
60	230.6	234.6	230.8	224.7	220.3	218.9	232.1	235.6	50- 60	2854	21050	89.2,89.2
70	114.2	116.7	114.0	110.1	99.39	102.1	112.5	120.4	60- 70	1629	22679	96.1,96.1
80	41.61	42.65	39.15	37.51	32.57	33.98	38.07	42.60	70- 80	764.6	23444	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	156.0	23600	100,100
100	0	0	0	0	0	0	0	0	90-100	0	23600	100,100
110	0	0	0	0	0	0	0	0	100-110	0	23600	100,100
120	0	0	0	0	0	0	0	0	110-120	0	23600	100,100
130	0	0	0	0	0	0	0	0	120-130	0	23600	100,100
140	0	0	0	0	0	0	0	0	130-140	0	23600	100,100
150	0	0	0	0	0	0	0	0	140-150	0	23600	100,100
160	0	0	0	0	0	0	0	0	150-160	0	23600	100,100
170	0	0	0	0	0	0	0	0	160-170	0	23600	100,100
180	0	0	0	0	0	0	0	0	170-180	0	23600	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 16244 lm

%lum = 68.8%

%lamp = 68.8%

Conical surface Flux(120deg): 21050 lm

%lum = 89.2%

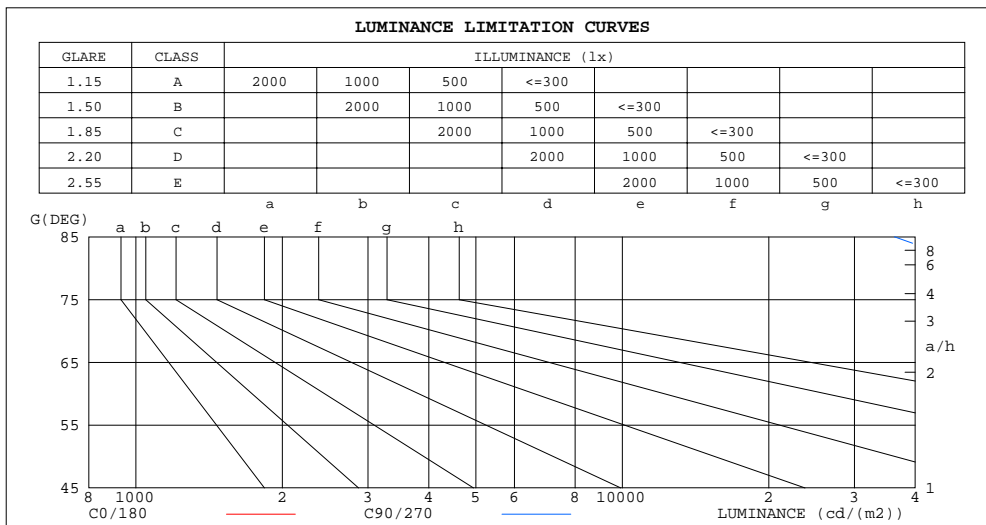
%lamp = 89.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	37548	36259
80	60427	56262
75	72403	70197
70	84168	83184
65	97356	97670
60	116308	115202
55	141729	137577
50	168185	163696
45	194315	190535

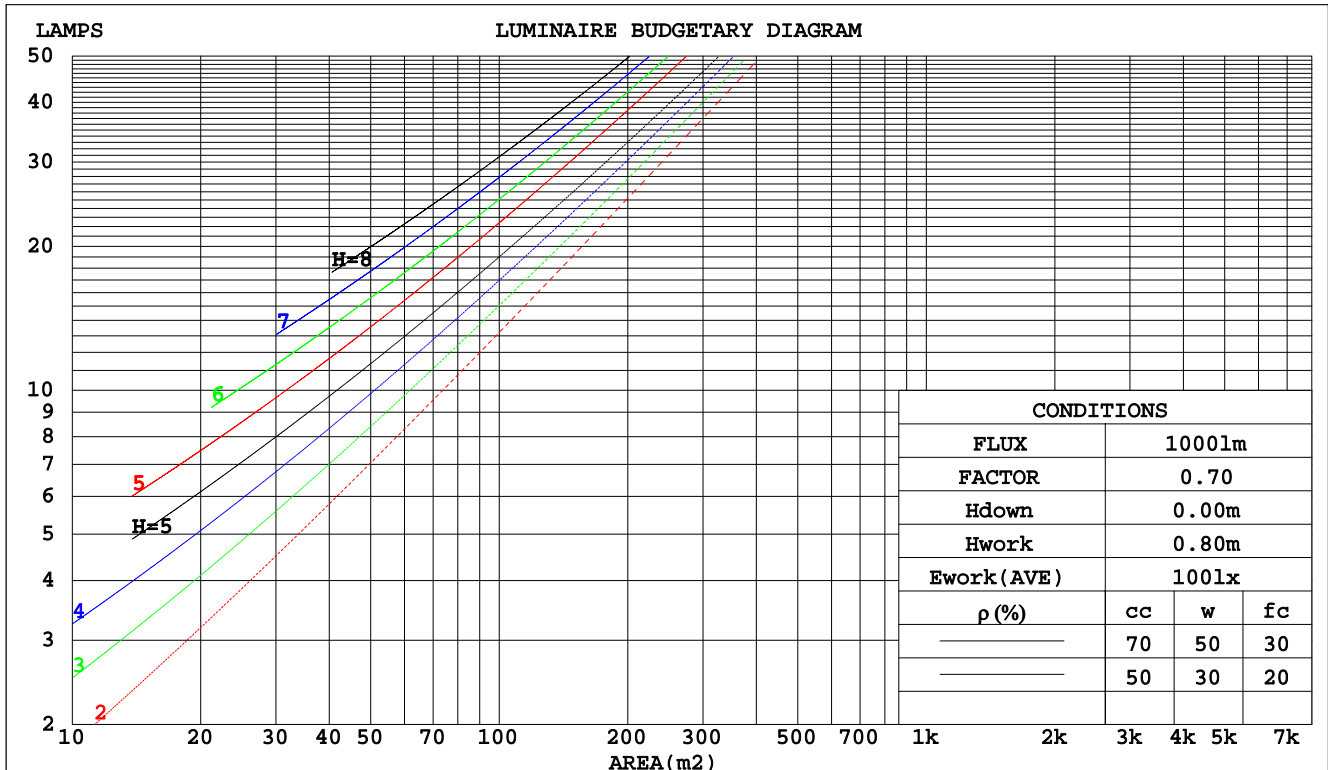
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-12

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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	.98	1.00	.98	.95	.97	.94	.92	.93	.91	.90	.88
2.0	.95	.90	.85	.94	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.76	.71	.78	.74	.70	.76	.72	.69	.67
4.0	.77	.69	.63	.76	.69	.63	.73	.67	.62	.71	.66	.61	.69	.64	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.58	.53	.48	.47
7.0	.58	.50	.45	.57	.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	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.35
10.0	.46	.39	.34	.45	.38	.34	.45	.38	.34	.44	.38	.33	.43	.37	.33	.32



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	.254	.145	.046	.247	.141	.045	.234	.134	.043	.222	.128	.041	.211	.123	.039	
2.0	.245	.134	.041	.239	.132	.041	.227	.126	.039	.217	.122	.038	.207	.117	.037	
3.0	.231	.123	.037	.226	.121	.036	.216	.117	.036	.207	.113	.035	.198	.110	.034	
4.0	.217	.113	.033	.212	.111	.033	.203	.108	.032	.195	.105	.032	.188	.102	.031	
5.0	.203	.104	.030	.199	.102	.030	.191	.100	.029	.184	.097	.029	.177	.095	.028	
6.0	.191	.096	.027	.187	.094	.027	.180	.092	.027	.174	.090	.027	.168	.088	.026	
7.0	.179	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	.159	.083	.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	.021	.152	.075	.021	.147	.074	.021	.143	.073	.021	
10.0	.151	.072	.020	.149	.072	.020	.144	.071	.020	.140	.070	.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	.135	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.090	.051	.121	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.134	.081	.042	.116	.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	.023	.070	.038	.017	.040	.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:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm												
NAME: HBA					TYPE:HIGH BAY LIGHT			WEIGHT:				
SPEC.:AOK-150WHBA-L2-00-5080-90D-P					DIM.:			SERIAL No.:				
MFR.: AOK					SUR.:180*180mm			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	18.2	19.6	18.5	19.8	20.0	
		3H	19.2	20.4	19.5	20.6	20.8	18.9	20.2	19.2	20.4	20.6
		4H	19.4	20.6	19.7	20.8	21.1	19.2	20.3	19.5	20.6	20.8
		6H	19.6	20.7	19.9	21.0	21.2	19.3	20.4	19.6	20.7	20.9
		8H	19.6	20.7	20.0	20.9	21.2	19.3	20.4	19.7	20.7	21.0
		12H	19.6	20.6	20.0	20.9	21.2	19.3	20.3	19.7	20.6	20.9
4H	2H	18.7	19.9	19.0	20.1	20.4	18.5	19.7	18.9	20.0	20.2	
	3H	19.6	20.6	20.0	20.9	21.2	19.4	20.4	19.8	20.7	21.0	
	4H	20.0	20.9	20.4	21.2	21.6	19.8	20.7	20.1	21.0	21.3	
	6H	20.3	21.1	20.7	21.4	21.8	20.0	20.8	20.4	21.2	21.5	
	8H	20.3	21.1	20.7	21.4	21.8	20.1	20.8	20.5	21.2	21.6	
	12H	20.3	21.0	20.8	21.4	21.8	20.1	20.8	20.5	21.1	21.5	
8H	4H	20.1	20.9	20.5	21.2	21.6	19.9	20.6	20.3	21.0	21.4	
	6H	20.5	21.1	20.9	21.5	21.9	20.2	20.8	20.7	21.2	21.7	
	8H	20.6	21.1	21.0	21.5	22.0	20.3	20.9	20.8	21.3	21.7	
	12H	20.6	21.1	21.1	21.5	22.0	20.4	20.8	20.8	21.3	21.7	
12H	4H	20.1	20.8	20.5	21.2	21.6	19.9	20.6	20.3	20.9	21.3	
	6H	20.5	21.0	20.9	21.4	21.9	20.2	20.8	20.7	21.2	21.6	
	8H	20.6	21.1	21.1	21.5	22.0	20.3	20.8	20.8	21.3	21.7	
Variations with the observer position at spacings:												
S = 1.0H		+ 0.4 / - 0.6					+ 0.4 / - 0.6					
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H		+ 0.9 / - 0.8					+ 0.9 / - 0.8					

CIE Pub.117, 23600 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.0)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

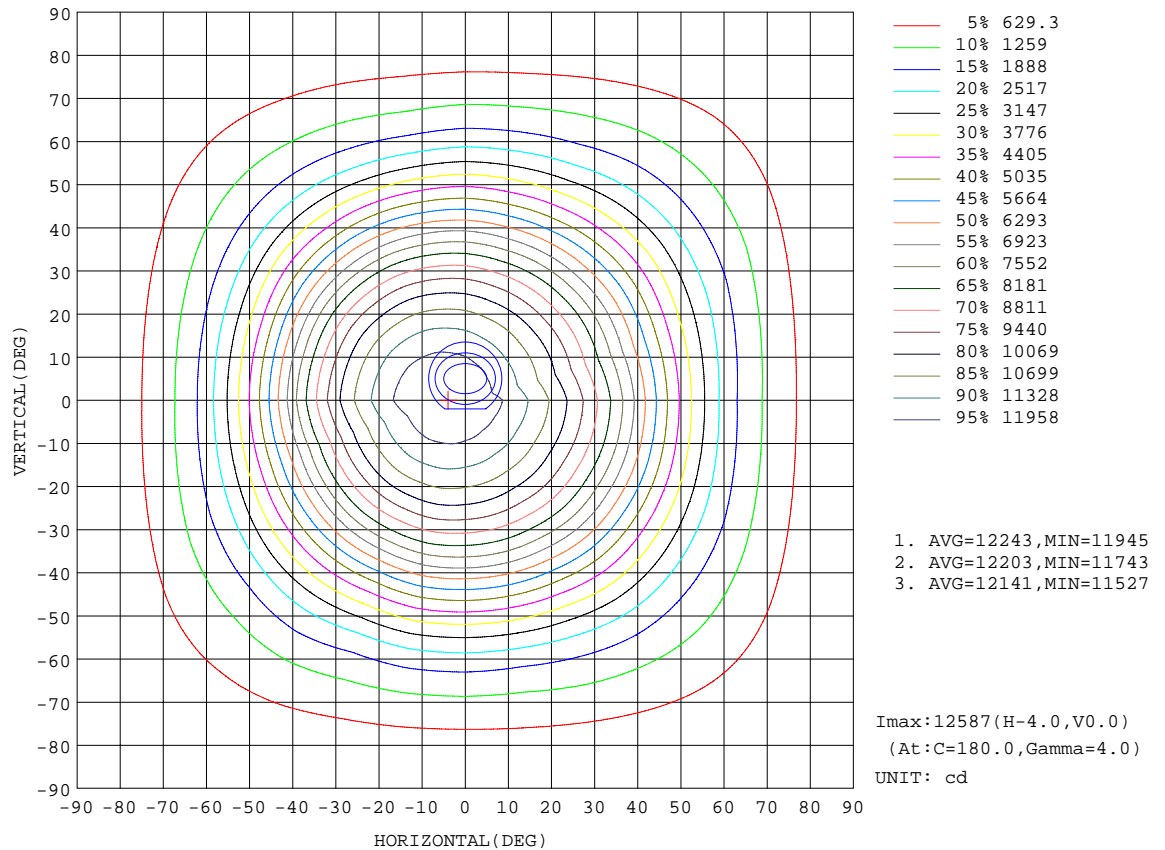
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	56	50	65	56	50	64	55	50	44
0.80	76	66	60	75	66	60	73	65	59	53
1.00	84	74	68	83	74	68	81	75	68	61
1.25	90	81	76	89	81	75	86	79	74	68
1.50	94	86	81	93	86	80	90	84	79	73
2.00	100	93	88	98	92	87	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	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:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

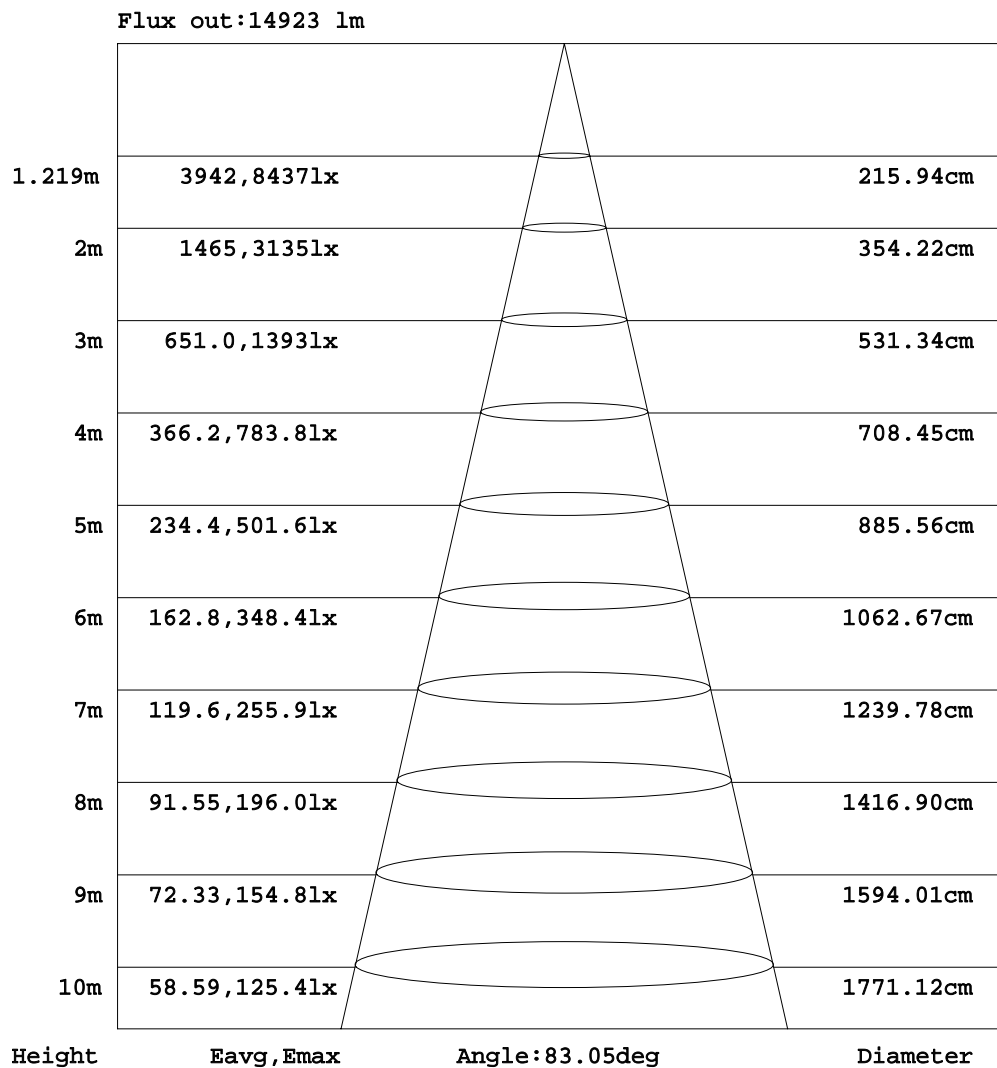


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-12

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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



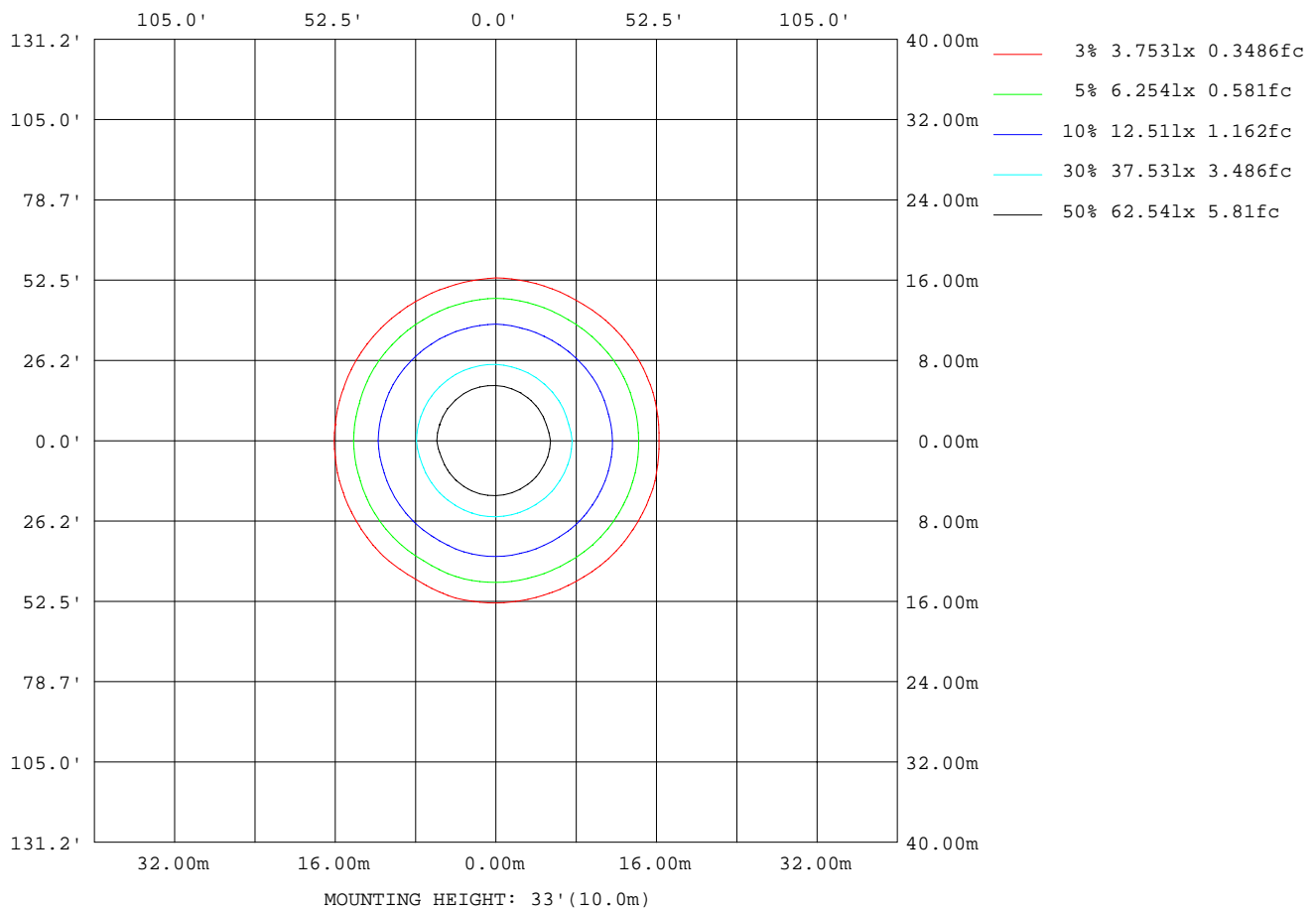
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

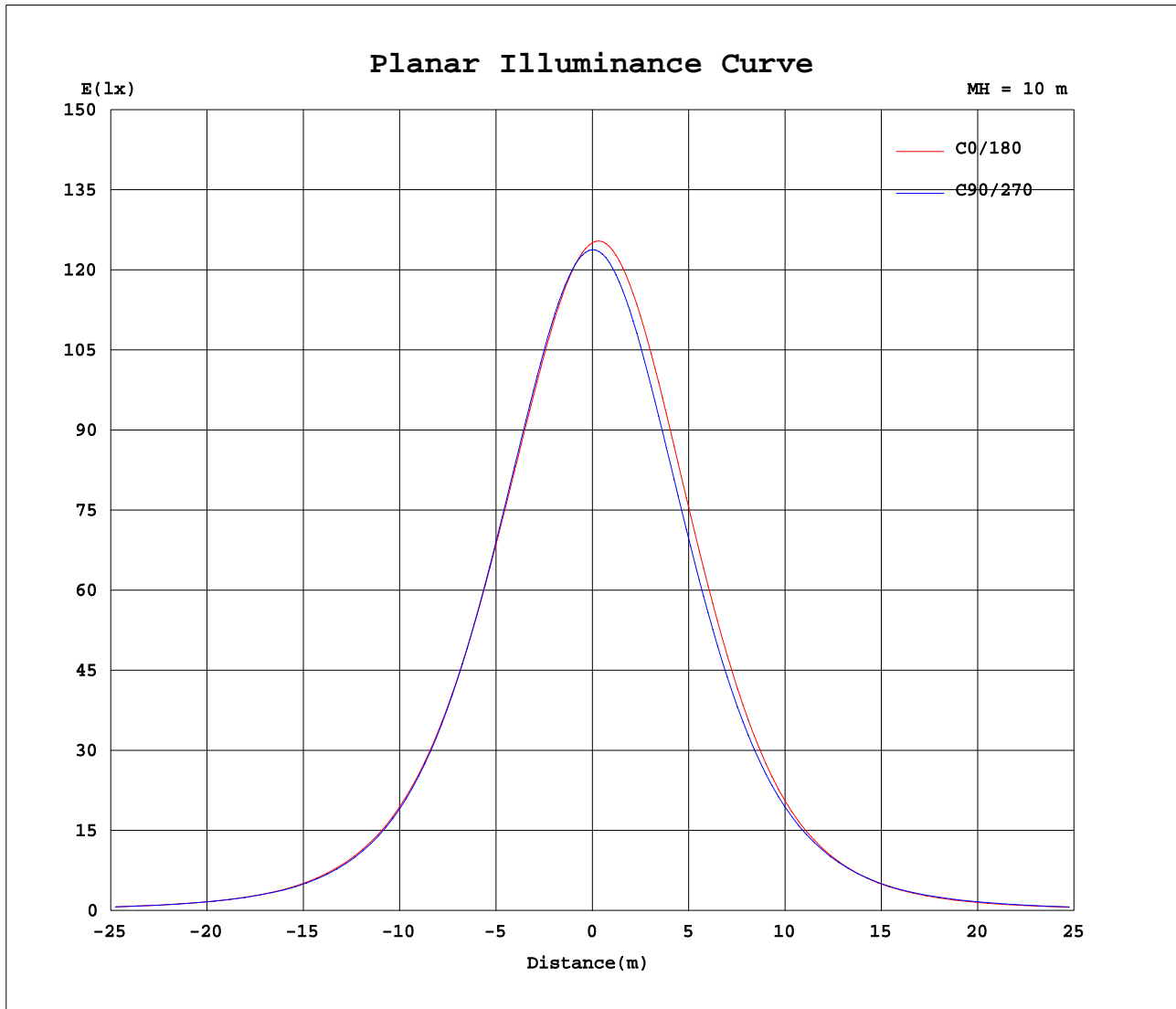
AvgL	cd/m2
L_0~180(65)av	92332
L_0~180(75)av	65984
L_0~180(85)av	33384
L_90~270(65)av	97606
L_90~270(75)av	69595
L_90~270(85)av	34882
L_45(65)av	96749
L_45(75)av	68825
L_45(85)av	34115

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:
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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240
5	1214	1214	1214	1216	1218	1223	1227	1232	1237	1241	1244	1247	1248	1247	1247	1243	1240	1235	1231
10	1173	1172	1172	1175	1179	1186	1193	1202	1210	1219	1224	1229	1234	1232	1230	1224	1217	1207	1199
15	1118	1117	1116	1119	1123	1132	1141	1153	1163	1175	1182	1190	1201	1198	1195	1184	1175	1161	1149
20	1053	1051	1049	1052	1056	1066	1075	1088	1098	1111	1119	1128	1148	1143	1138	1125	1113	1097	1084
25	976	974	971	974	976	986	995	1008	1016	1029	1037	1047	1073	1067	1061	1046	1034	1017	1003
30	887	884	880	883	883	892	900	912	917	929	937	946	979	970	965	949	938	921	908
35	783	781	776	778	776	783	789	800	800	811	817	827	862	852	847	833	823	808	797
40	667	666	660	660	656	661	666	674	670	677	684	694	724	714	711	699	693	682	675
45	545	545	539	538	531	535	540	544	534	541	547	556	576	568	569	560	556	551	550
50	429	430	426	426	416	418	422	424	411	418	423	429	440	432	436	428	427	427	432
55	322	325	324	322	313	313	316	318	304	311	314	315	317	313	316	313	311	314	322
60	231	240	236	235	228	225	231	230	216	225	221	226	220	220	220	219	219	221	232
65	163	173	170	169	165	160	165	163	155	161	155	161	149	152	152	153	153	154	165
70	114	120	120	117	116	111	114	113	108	110	106	109	99.4	101	102	102	105	104	113
75	74.3	77.6	76.8	74.6	73.6	72.2	72.8	71.5	68.7	69.4	67.1	68.2	62.3	62.9	63.3	63.7	66.3	66.7	71.3
80	41.6	43.1	42.9	42.6	40.4	40.2	39.2	39.4	37.8	37.5	35.8	35.9	32.6	32.7	33.6	34.0	35.4	36.1	38.1
85	13.0	12.7	13.0	12.6	13.0	12.3	12.7	12.1	12.1	11.5	11.4	11.1	10.3	10.5	10.6	10.8	11.0	11.4	11.7
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:
 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:0.6537A P:145.7W PF:0.9842 Freq:60.01Hz Lamp Flux:23599.8x1 lm		
NAME: HBA	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	1240	1240	1240	1240	1240														
5	1225	1221	1216	1214	1211														
10	1189	1182	1174	1170	1165														
15	1136	1126	1116	1111	1106														
20	1068	1057	1047	1042	1036														
25	986	975	965	961	956														
30	890	880	871	869	864														
35	780	770	764	764	761														
40	659	650	647	651	648														
45	535	528	529	535	533														
50	420	415	418	426	423														
55	317	312	320	327	326														
60	229	227	236	242	244														
65	164	164	172	175	180														
70	113	116	120	123	126														
75	71.3	74.4	77.3	79.7	82.1														
80	39.1	40.9	42.6	44.2	44.4														
85	12.4	12.3	12.6	13.0	12.6														
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:
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: