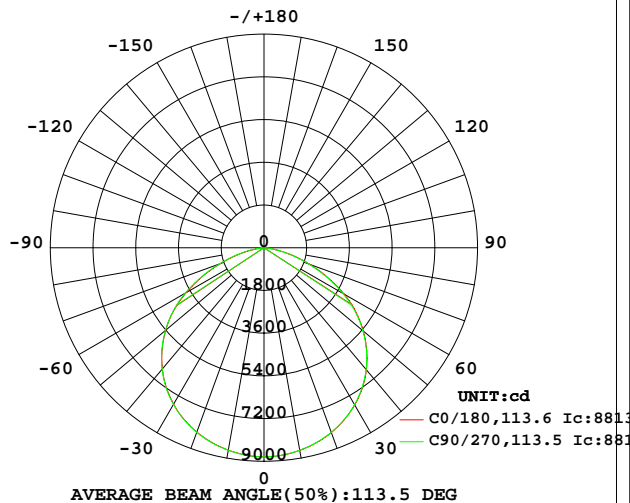


LUMINAIRE PHOTOMETRIC TEST REPORT

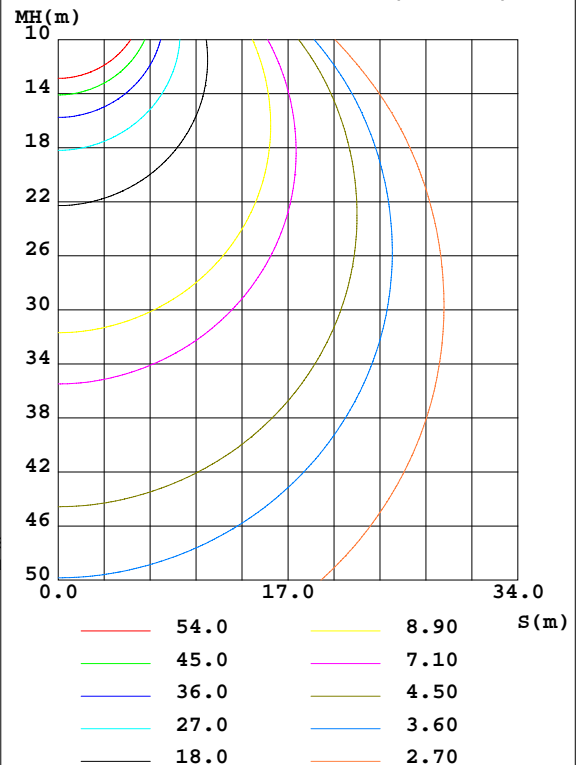
Test:U:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.98 lm/W			
MODEL	2835	I _{max} (cd)	8815	S/MH(C0/180)	1.28
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	24629	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	24628.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
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:
 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	8670	8671	8664	8662	8661	8657	8661	8667	0- 10	834.0	834.0	3.39, 3.39
20	8287	8294	8281	8274	8270	8264	8278	8287	10- 20	2401	3235	13.1, 13.1
30	7646	7654	7635	7622	7616	7607	7630	7642	20- 30	3684	6919	28.1, 28.1
40	6711	6716	6696	6666	6662	6653	6678	6705	30- 40	4502	11421	46.4, 46.4
50	5463	5477	5439	5415	5409	5396	5421	5453	40- 50	4698	16119	65.4, 65.4
60	3890	3898	3834	3806	3784	3786	3835	3869	50- 60	4181	20300	82.4, 82.4
70	2048	2058	2021	1984	1957	1941	1996	2017	60- 70	2877	23177	94.1, 94.1
80	533.0	543.9	514.0	502.3	469.1	463.9	502.5	513.0	70- 80	1278	24455	99.3, 99.3
90	0	0	0	0	0	0	0	0	80- 90	173.6	24629	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	24629	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	24629	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	24629	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	24629	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	24629	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	24629	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	24629	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	24629	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	24629	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13788 lm

%lum = 56.0%

%lamp = 56.0%

Conical surface Flux(120deg): 20300 lm

%lum = 82.4%

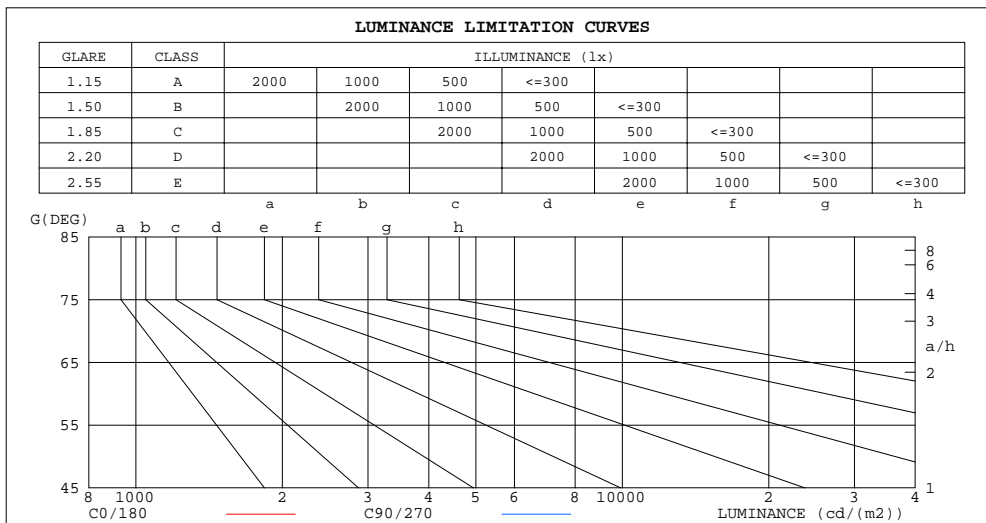
%lamp = 82.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	37176	34560
80	77811	73780
75	121225	115920
70	151818	147296
65	177431	171649
60	197238	191117
55	209093	204144
50	215463	210922
45	219449	215248

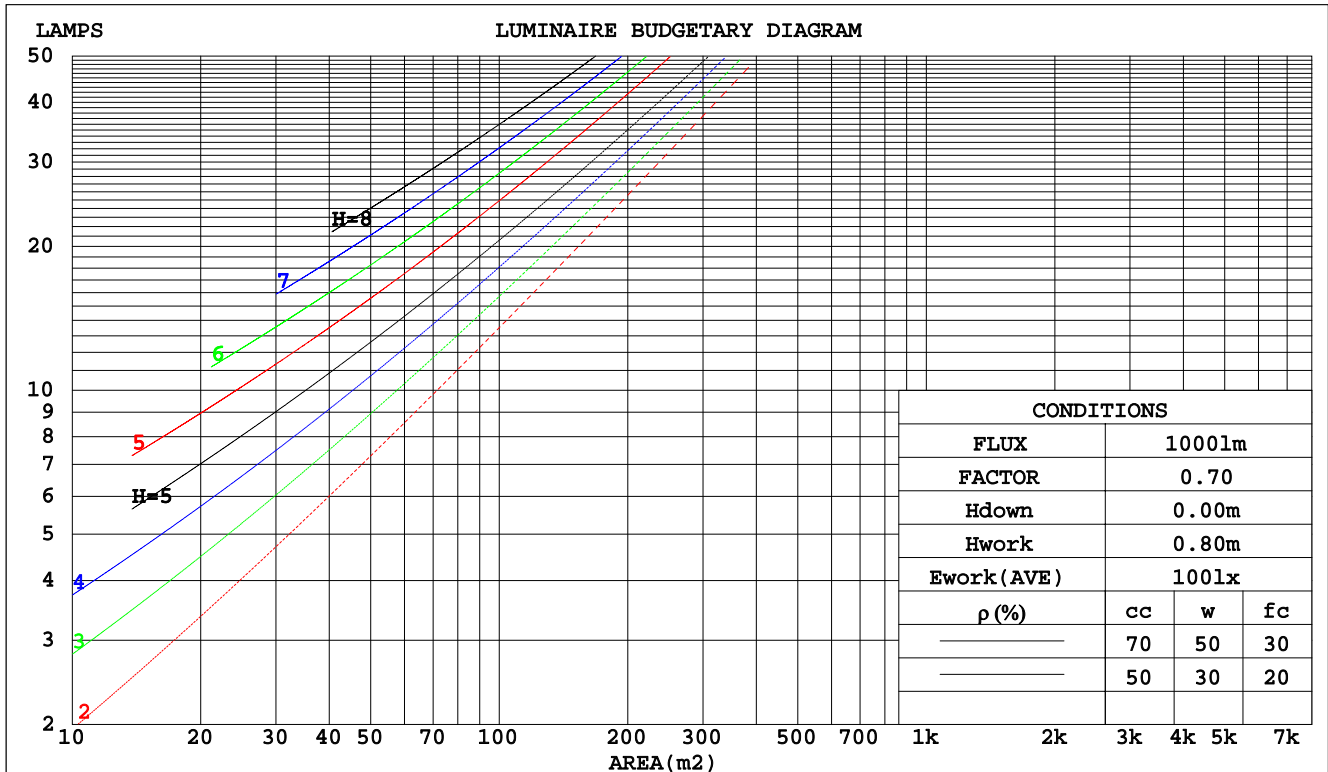
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-07

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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-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	1.05	1.01	.97	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.87	.81	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.42	.57	.48	.42	.55	.47	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.52	.44	.37	.51	.43	.37	.50	.42	.37	.48	.42	.37	.47	.41	.37	.35
8.0	.48	.39	.33	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.28
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-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	.288	.164	.052	.281	.160	.051	.268	.153	.049	.255	.147	.047	.244	.142	.046		
2.0	.277	.152	.047	.271	.149	.046	.260	.144	.045	.249	.140	.044	.239	.135	.043		
3.0	.260	.138	.041	.255	.136	.041	.244	.132	.040	.235	.129	.040	.226	.125	.039		
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035		
5.0	.225	.115	.033	.221	.113	.033	.213	.111	.033	.205	.108	.032	.198	.106	.032		
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029		
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.174	.091	.027		
8.0	.183	.090	.025	.180	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025		
9.0	.172	.083	.023	.170	.083	.023	.164	.081	.023	.159	.080	.023	.155	.079	.023		
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.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	.011	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.116	.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:
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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm											
NAME: HAB						TYPE:HIGH BAY LIGHT			WEIGHT:		
SPEC.:AOK-150WHBA-L2-00-5080-120D-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	2H	20.4	21.9	20.7	22.1	22.3	20.3	21.8	20.6	22.0	22.2
	3H	21.6	23.0	21.9	23.2	23.4	21.5	22.8	21.8	23.1	23.3
	4H	21.9	23.3	22.3	23.5	23.8	21.8	23.1	22.1	23.4	23.6
	6H	22.1	23.3	22.4	23.6	23.9	21.9	23.2	22.3	23.4	23.7
	8H	22.1	23.3	22.4	23.5	23.8	21.9	23.1	22.3	23.4	23.7
	12H	22.0	23.2	22.4	23.5	23.8	21.9	23.0	22.2	23.3	23.6
4H	2H	20.9	22.2	21.2	22.5	22.7	20.8	22.1	21.2	22.4	22.7
	3H	22.2	23.4	22.6	23.7	24.0	22.1	23.3	22.5	23.6	23.9
	4H	22.7	23.7	23.1	24.0	24.4	22.6	23.6	22.9	23.9	24.3
	6H	22.9	23.8	23.3	24.2	24.5	22.8	23.7	23.2	24.0	24.4
	8H	22.9	23.8	23.3	24.1	24.5	22.8	23.6	23.2	24.0	24.4
	12H	22.9	23.7	23.3	24.1	24.5	22.8	23.5	23.2	23.9	24.3
8H	4H	22.8	23.7	23.2	24.0	24.4	22.7	23.6	23.1	23.9	24.3
	6H	23.1	23.8	23.5	24.2	24.6	23.0	23.7	23.4	24.1	24.5
	8H	23.1	23.8	23.6	24.2	24.6	23.0	23.6	23.5	24.1	24.5
	12H	23.1	23.7	23.6	24.1	24.6	23.0	23.5	23.5	24.0	24.5
12H	4H	22.8	23.6	23.2	23.9	24.4	22.7	23.5	23.1	23.8	24.2
	6H	23.1	23.7	23.5	24.1	24.6	23.0	23.6	23.4	24.0	24.5
	8H	23.1	23.7	23.6	24.1	24.6	23.0	23.5	23.5	24.0	24.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.5					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117, 24629 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

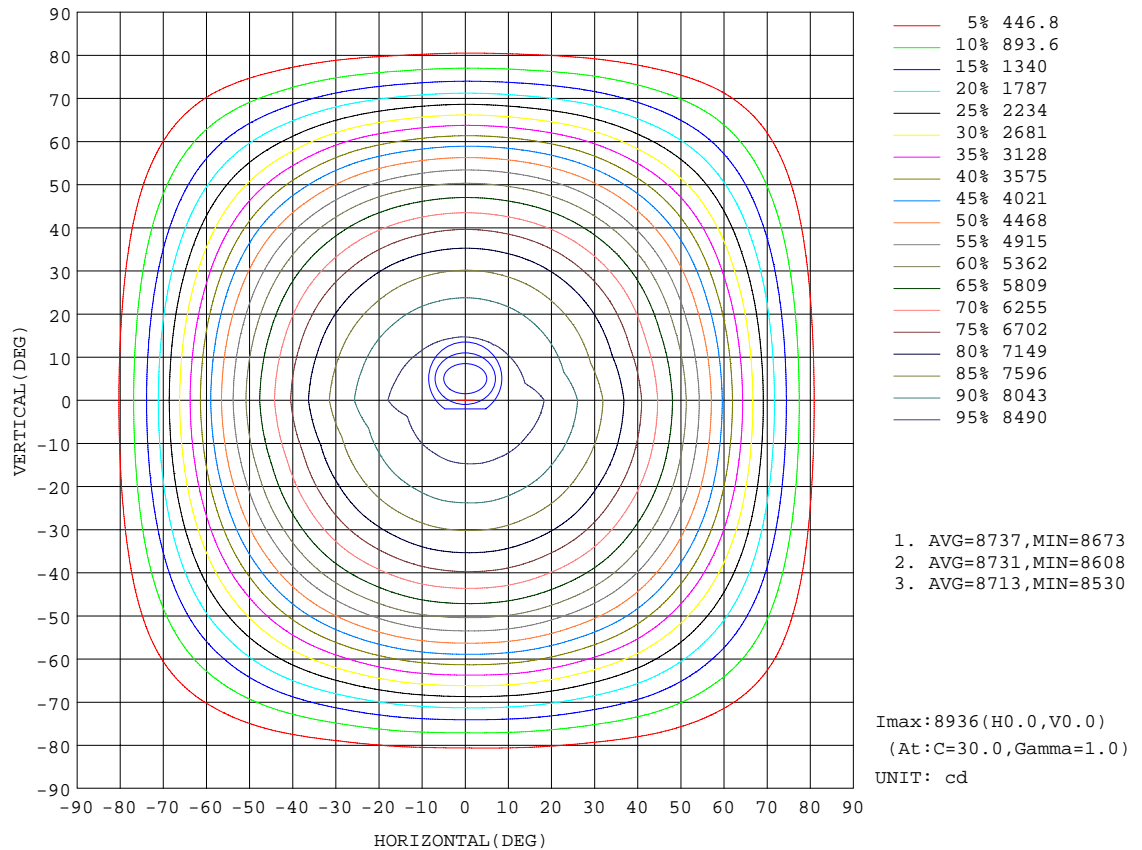
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	47	40	57	47	40	56	46	40	33
0.80	69	57	50	68	57	50	66	56	49	43
1.00	77	66	59	76	66	59	74	67	59	52
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	98	105	100	96	101	97	93	85
5.00	109	105	101	107	103	100	103	99	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:
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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

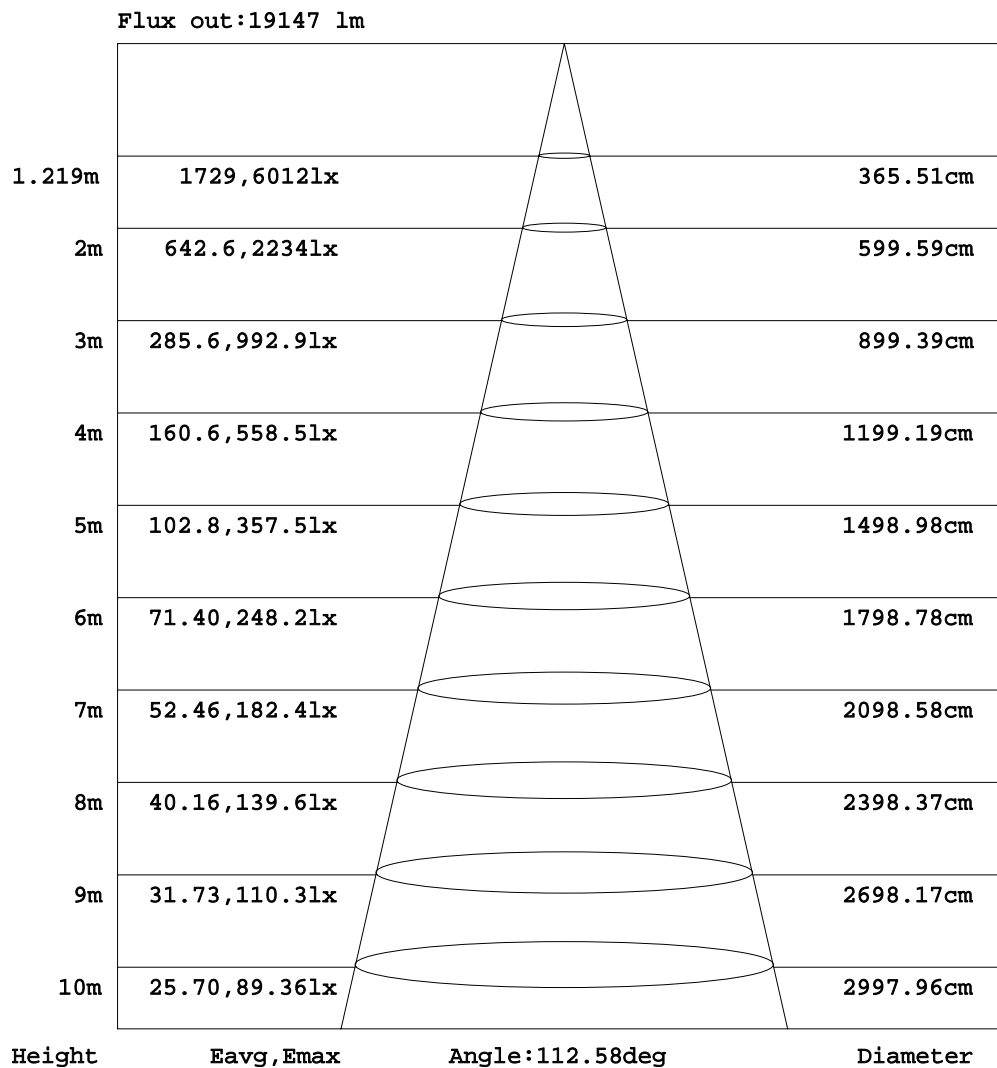


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-10-07

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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



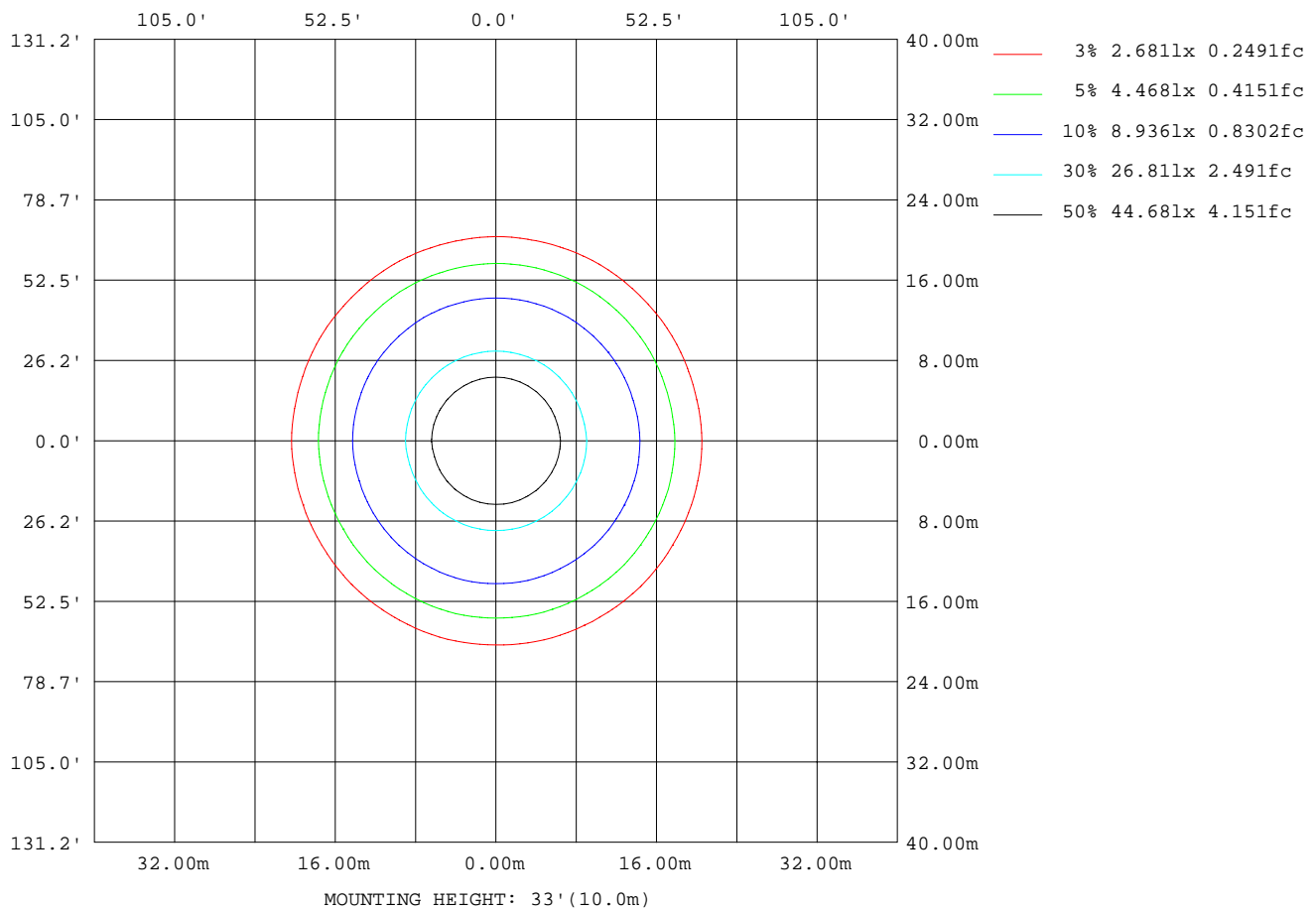
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-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:2021-10-07

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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

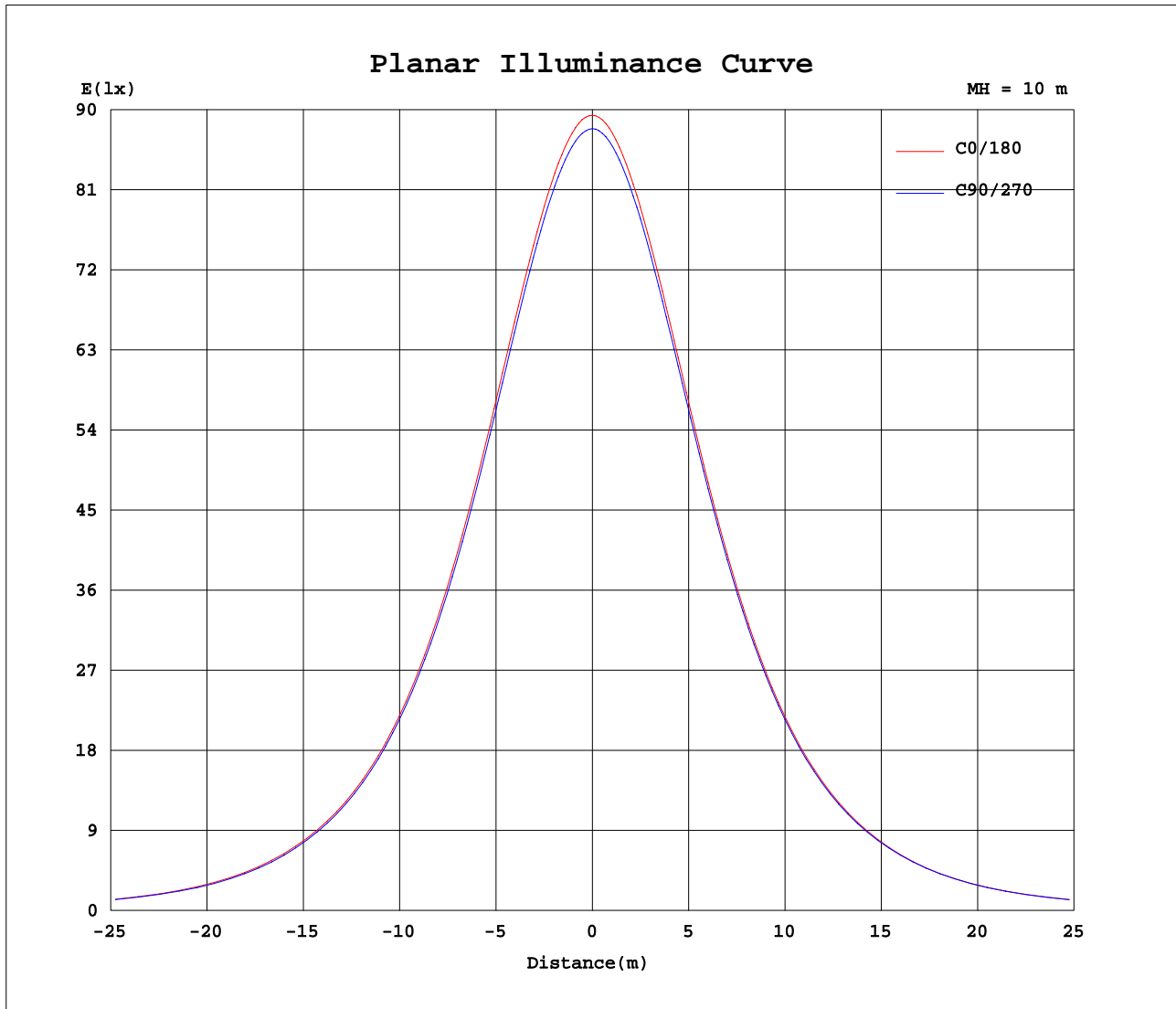
AvgL	cd/m2
L_0~180(65)av	172207
L_0~180(75)av	115794
L_0~180(85)av	31672
L_90~270(65)av	171864
L_90~270(75)av	115672
L_90~270(85)av	32494
L_45(65)av	171829
L_45(75)av	115288
L_45(85)av	31995

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
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:
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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813	8813
5	8775	8779	8779	8777	8776	8777	8771	8775	8770	8771	8772	8766	8774	8769	8774	8767	8772	8772	8772
10	8670	8675	8672	8671	8669	8669	8664	8664	8660	8662	8656	8656	8661	8654	8659	8657	8659	8662	8661
15	8507	8513	8509	8513	8509	8511	8503	8504	8497	8499	8494	8490	8494	8486	8494	8490	8497	8499	8504
20	8287	8297	8290	8294	8288	8290	8281	8282	8276	8274	8268	8269	8270	8262	8271	8264	8272	8273	8278
25	8003	8013	8004	8007	8000	8003	7991	7992	7983	7982	7975	7974	7978	7969	7976	7968	7979	7980	7987
30	7646	7658	7649	7654	7644	7649	7635	7634	7625	7622	7613	7614	7616	7604	7613	7607	7616	7619	7630
35	7220	7235	7224	7231	7216	7220	7205	7203	7185	7186	7173	7177	7179	7168	7177	7169	7182	7183	7194
40	6711	6727	6711	6716	6702	6712	6696	6687	6664	6666	6652	6653	6662	6654	6667	6653	6661	6663	6678
45	6121	6138	6121	6129	6118	6125	6106	6103	6075	6075	6056	6063	6074	6060	6078	6061	6070	6070	6087
50	5463	5483	5464	5477	5455	5465	5439	5444	5415	5415	5391	5408	5409	5395	5408	5396	5411	5404	5421
55	4731	4754	4732	4749	4723	4727	4698	4703	4677	4674	4647	4663	4661	4645	4664	4649	4673	4659	4681
60	3890	3916	3885	3898	3859	3868	3834	3841	3811	3806	3771	3787	3784	3771	3802	3786	3816	3802	3835
65	2958	2972	2952	2965	2939	2947	2910	2915	2882	2880	2852	2868	2864	2840	2858	2846	2882	2874	2900
70	2048	2071	2047	2058	2035	2050	2021	2014	1985	1984	1961	1971	1957	1944	1960	1941	1968	1973	1996
75	1238	1256	1231	1246	1221	1231	1204	1213	1180	1180	1158	1167	1160	1140	1152	1138	1162	1164	1191
80	533	548	533	544	528	535	514	516	491	502	476	484	469	458	472	464	480	476	503
85	128	126	127	126	125	121	121	114	112	102	105	99.4	93.0	95.5	92.9	98.1	99.4	107	106
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:2021-10-07

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:219.3V I:0.6579A P:146.6W PF:0.9843 Freq:60.01Hz Lamp Flux:24628.6x1 lm		
NAME: HAB	TYPE:HIGH BAY LIGHT	WEIGHT:
SPEC.:AOK-150WHBA-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	8813	8813	8813	8813	8813														
5	8774	8775	8774	8776	8774														
10	8663	8669	8667	8671	8668														
15	8503	8507	8510	8512	8507														
20	8281	8287	8287	8292	8290														
25	7991	7997	8000	8003	8003														
30	7633	7643	7642	7651	7650														
35	7198	7211	7215	7225	7223														
40	6679	6697	6705	6721	6715														
45	6084	6115	6116	6139	6130														
50	5426	5454	5453	5472	5469														
55	4694	4717	4715	4733	4731														
60	3845	3875	3869	3891	3885														
65	2900	2931	2929	2957	2954														
70	1988	2020	2017	2048	2038														
75	1185	1212	1210	1236	1226														
80	503	514	513	526	527														
85	110	114	120	119	124														
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:2021-10-07

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: