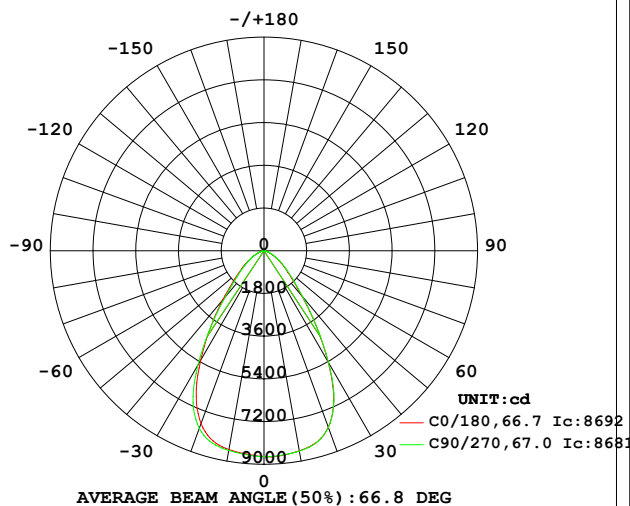


LUMINAIRE PHOTOMETRIC TEST REPORT

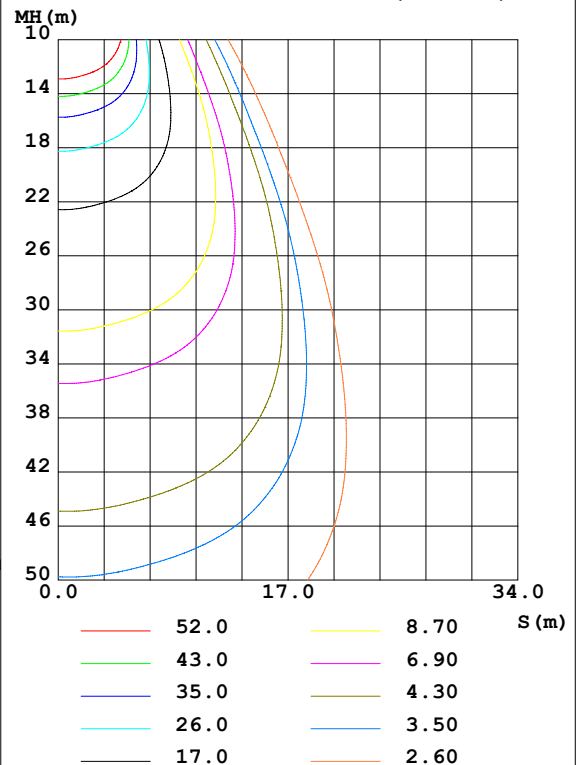
Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 177.77 lm/W			
MODEL	2835	I _{max} (cd)	8695	S/MH (C0/180)	0.99
NOMINAL POWER (W)	65	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	11420	η UP,DN (C0-180)	0.0,50.3
NOMINAL FLUX (lm)	11420	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.00

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:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
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	8560	8599	8573	8511	8505	8536	8543	8542	0- 10	821.4	821.4	7.19,7.19
20	7917	8033	7927	7789	7749	7893	7966	7878	10- 20	2349	3171	27.8,27.8
30	5407	5526	5432	5348	5341	5454	5574	5304	20- 30	3131	6302	55.2,55.2
40	2480	2529	2552	2718	2719	2525	2534	2578	30- 40	2409	8710	76.3,76.3
50	1191	1160	1256	1384	1301	1157	1216	1248	40- 50	1371	10081	88.3,88.3
60	566.4	567.7	622.4	688.7	644.5	566.9	593.2	600.3	50- 60	784.8	10866	95.1,95.1
70	217.6	229.2	250.4	279.2	259.4	230.6	228.0	225.8	60- 70	390.8	11257	98.6,98.6
80	54.94	59.48	71.40	81.93	78.92	57.70	56.46	46.49	70- 80	142.1	11399	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	21.21	11420	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11420	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11420	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11420	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11420	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11420	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11420	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11420	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11420	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11420	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 9492.6 lm

%lum = 83.1%

%lamp = 83.1%

Conical surface Flux(120deg): 10866 lm

%lum = 95.1%

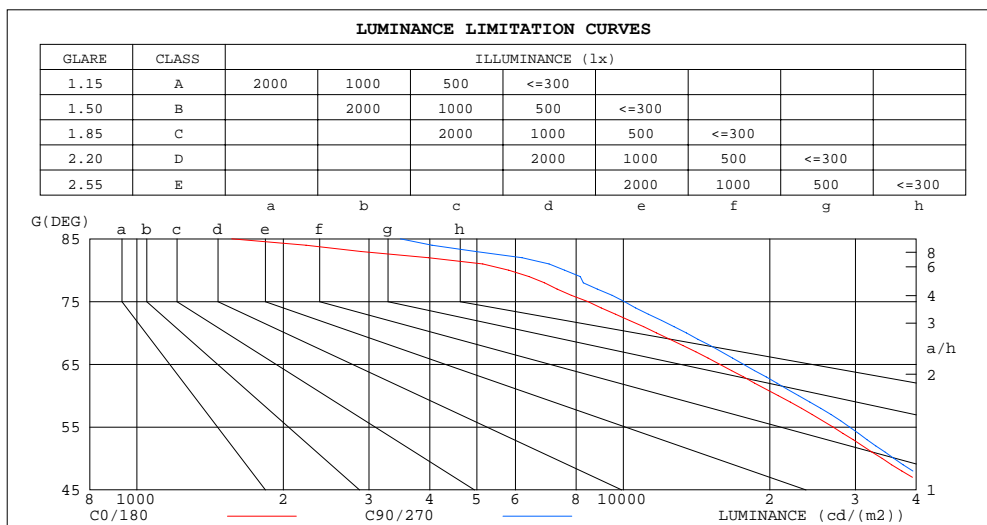
%lamp = 95.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1567	3480
80	5815	7572
75	8450	10044
70	11695	13483
65	15784	17649
60	20820	22925
55	26978	29168
50	34063	35997
45	43605	45545

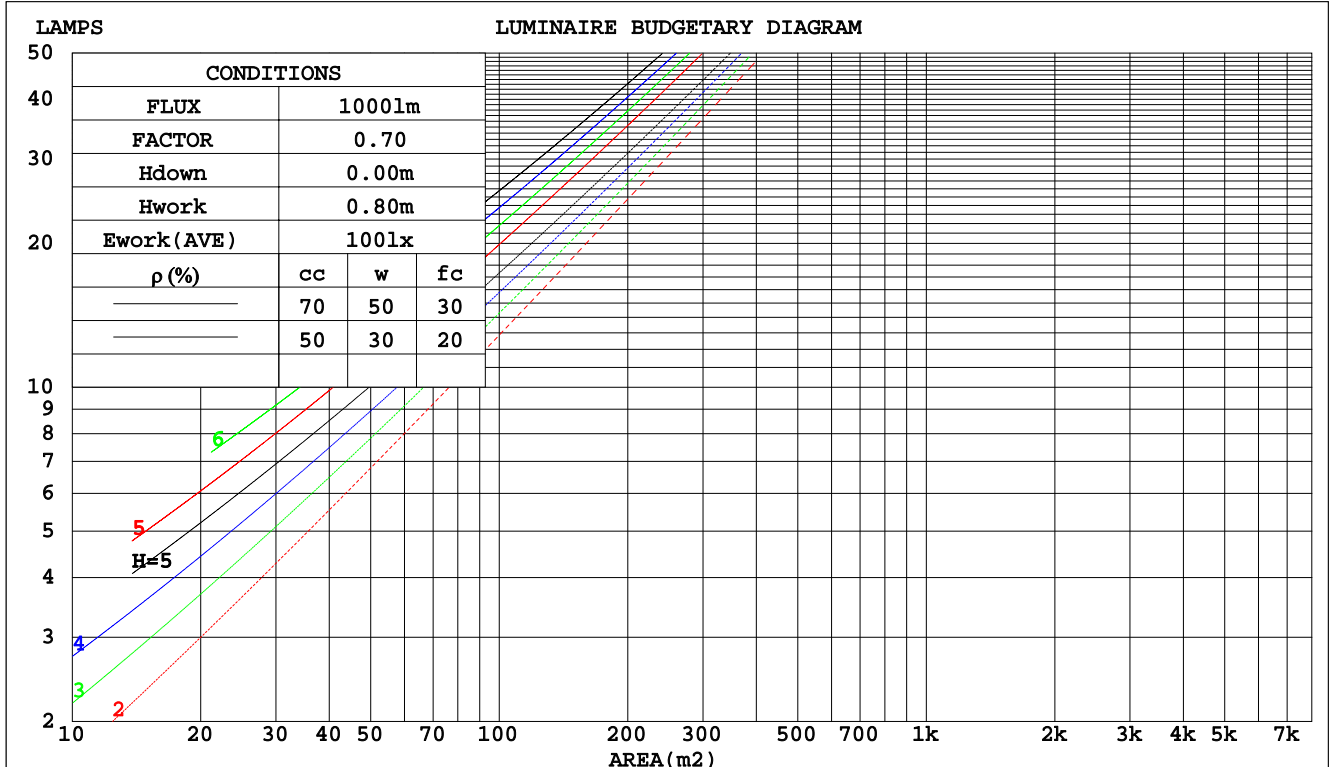
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.91	.98	.93	.89	.94	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.67	.64	.71	.66	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.47	.43	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm					
NAME: AOK HBE			TYPE:		WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P			DIM.:		SERIAL No.:
MFR.: AOK			SUR.: Φ 263mm		Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.212	.121	.038	.206	.117	.037	.193	.111	.035	.181	.104	.034	.170	.099	.032		
2.0	.205	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.169	.096	.030		
3.0	.195	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026		
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.081	.024		
6.0	.166	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023		
7.0	.157	.078	.022	.154	.077	.022	.149	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.149	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	.127	.064	.019		
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.018		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.161	.132	.108	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.012	
3.0	.150	.114	.085	.129	.098	.074	.088	.068	.052	.051	.040	.030	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.079	.046	.108	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.103	.063	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.114	.066	.033	.098	.057	.029	.068	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.025	.090	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P					DIM.:			SERIAL No.:		
MFR.: AOK					SUR.: Φ 263mm			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	22.6	23.7	22.8	23.9	24.1	22.8	24.0	23.1	24.1	24.3
3H	22.8	23.8	23.1	24.1	24.3	23.1	24.2	23.4	24.4	24.6
4H	22.8	23.8	23.1	24.1	24.3	23.2	24.2	23.5	24.4	24.6
6H	22.8	23.7	23.1	24.0	24.2	23.2	24.1	23.5	24.4	24.6
8H	22.8	23.7	23.1	23.9	24.2	23.2	24.1	23.5	24.3	24.6
12H	22.7	23.6	23.1	23.9	24.2	23.1	24.0	23.5	24.3	24.5
4H 2H	22.6	23.6	22.9	23.9	24.1	22.9	23.9	23.2	24.1	24.3
3H	23.0	23.8	23.3	24.1	24.4	23.3	24.2	23.6	24.4	24.7
4H	23.1	23.8	23.4	24.2	24.5	23.4	24.2	23.8	24.5	24.8
6H	23.1	23.8	23.5	24.1	24.5	23.5	24.1	23.8	24.5	24.8
8H	23.1	23.7	23.5	24.0	24.4	23.4	24.1	23.8	24.4	24.8
12H	23.0	23.6	23.4	24.0	24.4	23.4	24.0	23.8	24.4	24.8
8H 4H	23.0	23.7	23.4	24.0	24.4	23.4	24.0	23.8	24.3	24.7
6H	23.1	23.6	23.5	24.0	24.4	23.4	23.9	23.9	24.3	24.8
8H	23.1	23.5	23.5	23.9	24.4	23.4	23.9	23.9	24.3	24.8
12H	23.0	23.4	23.5	23.8	24.3	23.4	23.8	23.9	24.2	24.7
12H 4H	23.0	23.6	23.4	23.9	24.3	23.3	23.9	23.7	24.3	24.7
6H	23.0	23.5	23.5	23.9	24.4	23.4	23.9	23.8	24.3	24.7
8H	23.0	23.4	23.5	23.9	24.3	23.4	23.8	23.9	24.2	24.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.4				
1.5H	+ 1.6 / - 0.9					+ 1.5 / - 0.9				
2.0H	+ 1.9 / - 1.7					+ 1.9 / - 1.7				

CIE Pub.117, 11420 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.5$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

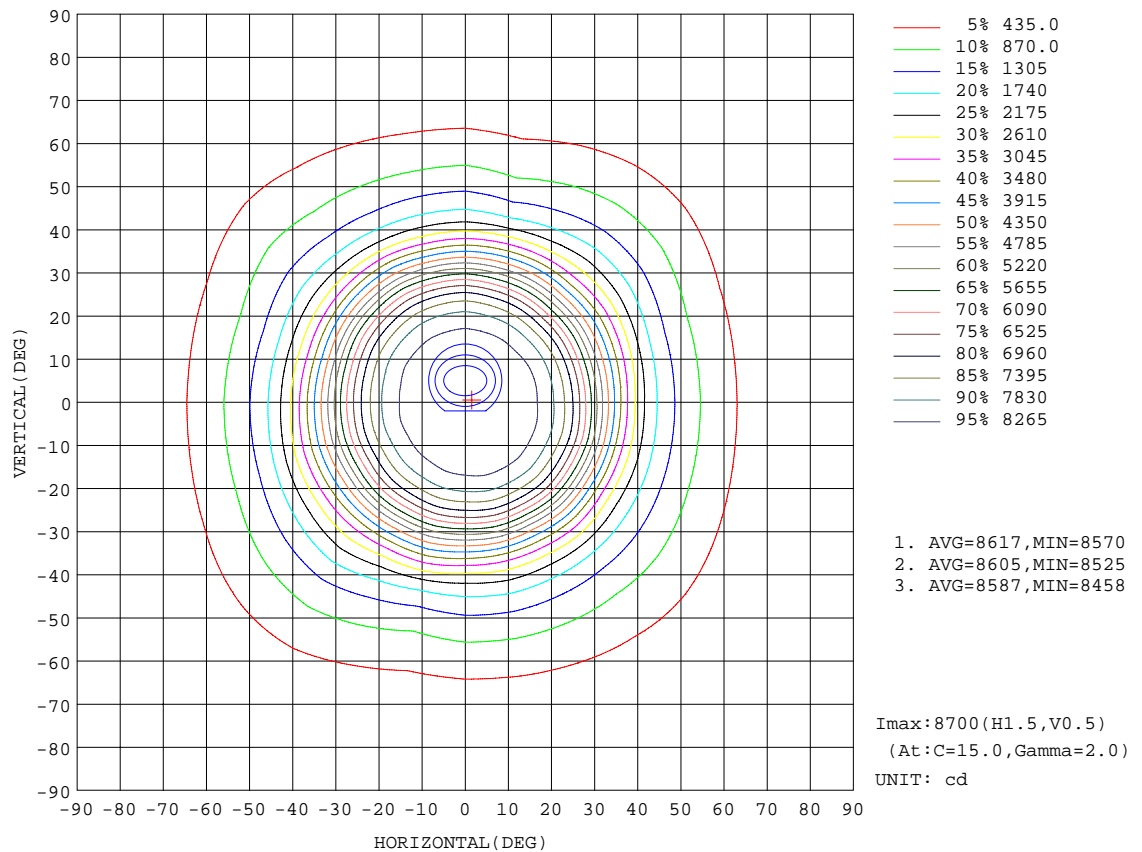
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	73	85	77	72	83	76	72	67
1.00	92	84	79	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	104	100	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
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:yanyonggeng
 Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

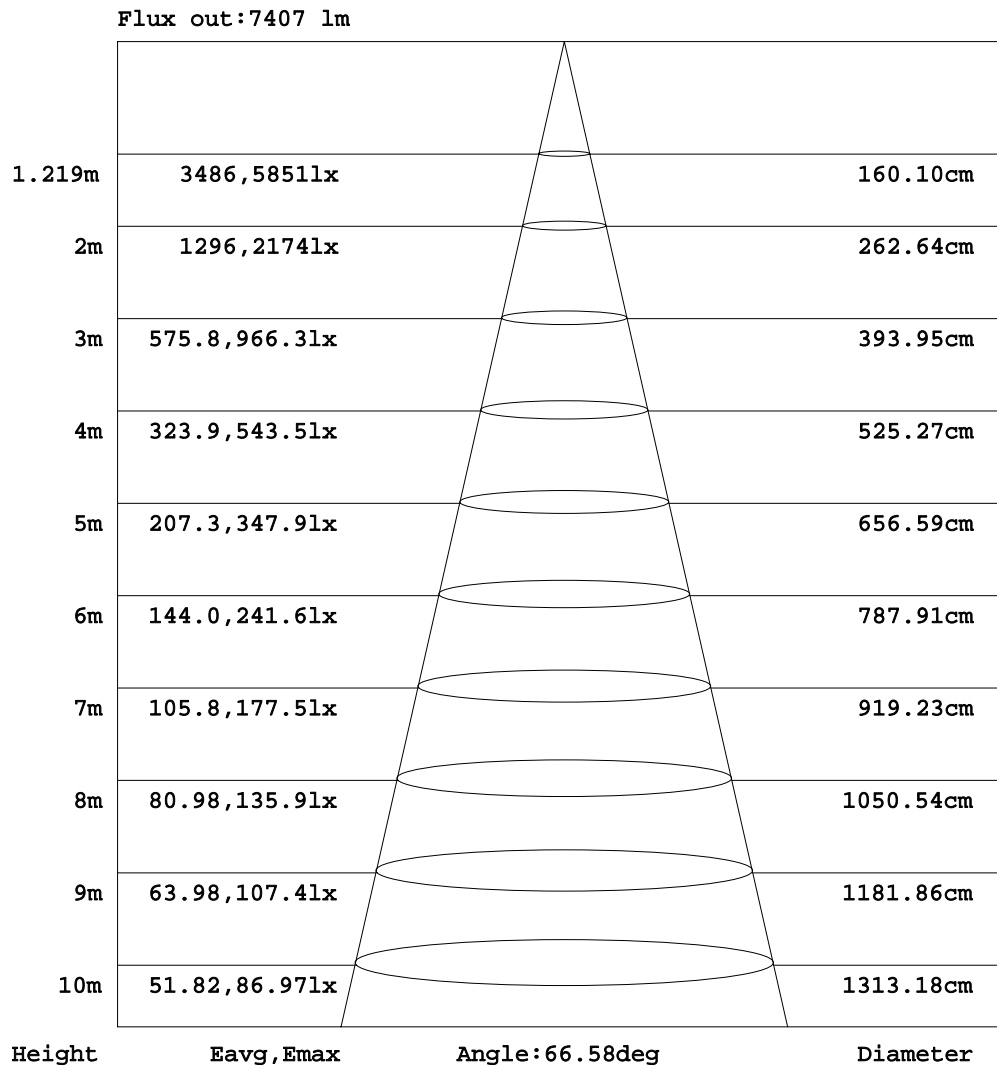


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



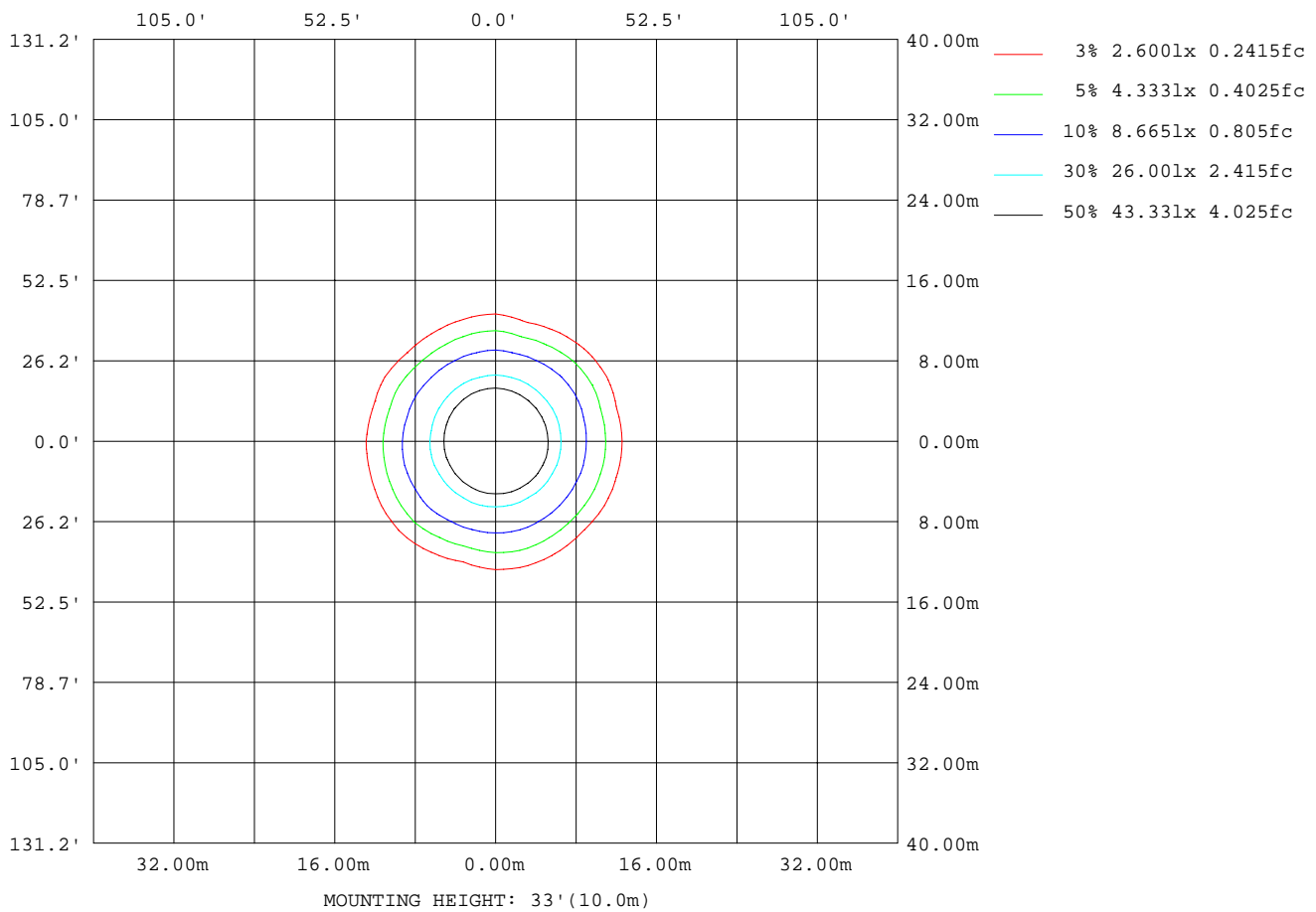
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

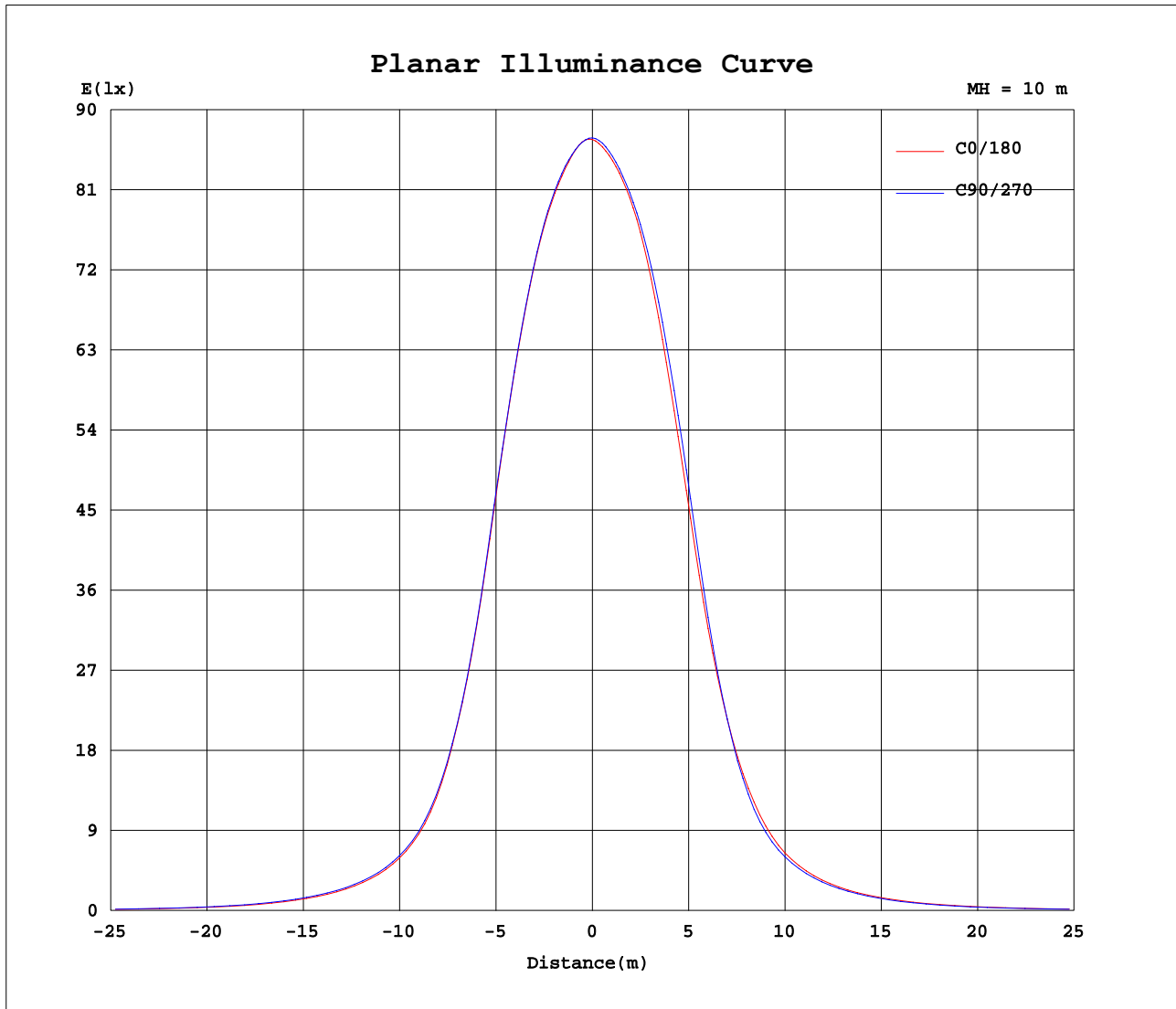
AvgL	cd/m2
L_0~180 (65) av	17001
L_0~180 (75) av	9454
L_0~180 (85) av	2758
L_90~270 (65) av	17116
L_90~270 (75) av	9416
L_90~270 (85) av	2659
L_45 (65) av	17174
L_45 (75) av	9125
L_45 (85) av	3581

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
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: yanyonggeng
Test Date: 2024-10-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	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	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680	8680
5	8660	8671	8671	8675	8667	8660	8647	8636	8622	8612	8603	8600	8597	8601	8605	8608	8617	8620	8626
10	8560	8580	8586	8599	8596	8595	8573	8555	8527	8511	8501	8506	8505	8515	8529	8536	8540	8541	8543
15	8392	8420	8425	8450	8443	8442	8399	8376	8331	8310	8285	8295	8297	8313	8353	8362	8383	8384	8394
20	7917	7980	7989	8033	8005	8001	7927	7893	7813	7789	7729	7746	7749	7778	7855	7893	7945	7947	7966
25	6961	7070	7064	7119	7057	7077	6972	6963	6856	6837	6743	6773	6763	6779	6892	6939	7039	7040	7071
30	5407	5527	5468	5526	5429	5515	5432	5463	5345	5348	5282	5356	5341	5311	5417	5454	5579	5548	5574
35	3807	3808	3757	3827	3756	3827	3829	3911	3809	3814	3867	3964	3921	3810	3830	3853	3933	3860	3914
40	2480	2504	2439	2529	2501	2586	2552	2632	2573	2718	2719	2804	2719	2597	2568	2525	2507	2499	2534
45	1678	1690	1669	1666	1706	1777	1749	1676	1764	1946	1906	1890	1835	1753	1755	1650	1634	1671	1706
50	1191	1179	1189	1160	1207	1258	1256	1146	1246	1384	1359	1296	1301	1222	1248	1157	1145	1184	1216
55	842	838	851	828	865	905	908	813	905	992	975	919	930	858	897	818	825	837	866
60	566	568	579	568	593	622	622	560	625	689	675	632	645	591	620	567	568	569	593
65	363	366	374	373	388	405	405	368	406	449	440	413	418	386	403	372	372	372	381
70	218	221	225	229	238	251	250	230	250	279	270	257	259	240	248	231	226	226	228
75	119	122	121	127	128	141	141	134	139	148	150	147	147	137	134	124	123	123	124
80	54.9	55.0	50.2	59.5	52.9	67.2	71.4	73.1	68.4	81.9	72.5	76.0	78.9	70.3	56.0	57.7	52.0	53.0	56.5
85	7.43	9.46	12.3	15.9	14.7	15.4	16.5	19.4	23.7	27.5	23.5	20.4	18.7	16.0	16.3	15.7	13.6	9.64	8.71
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:yanyonggeng

Test Date:2024-10-26

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.3V I:0.3074A P:64.24W PF:0.9531 Freq:50.01Hz Lamp Flux:11420x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-65WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	8680	8680	8680	8680	8680														
5	8628	8637	8641	8652	8655														
10	8541	8545	8542	8552	8556														
15	8385	8381	8365	8382	8387														
20	7921	7910	7878	7906	7900														
25	6967	6938	6860	6914	6903														
30	5440	5404	5304	5357	5345														
35	3859	3827	3741	3851	3823														
40	2476	2490	2578	2637	2563														
45	1563	1659	1783	1794	1681														
50	1071	1169	1248	1260	1162														
55	752	830	889	894	812														
60	511	565	600	603	545														
65	334	364	382	382	349														
70	205	216	226	224	209														
75	114	116	114	117	115														
80	48.9	44.1	46.5	44.2	47.7														
85	7.96	9.21	8.62	9.06	7.37														
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:yanyonggeng
Test Date:2024-10-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: