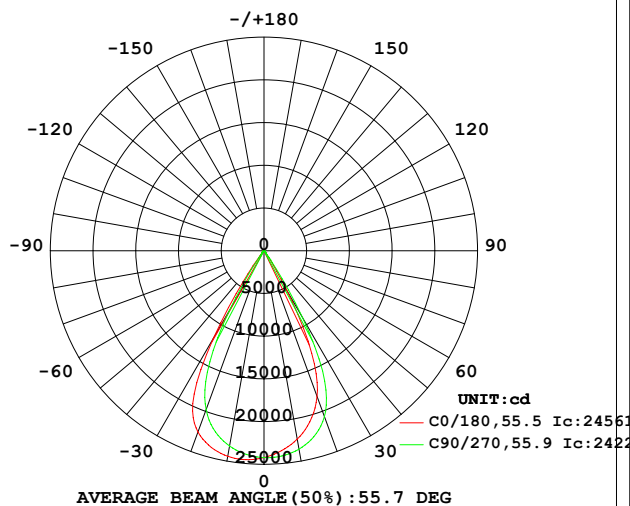


LUMINAIRE PHOTOMETRIC TEST REPORT

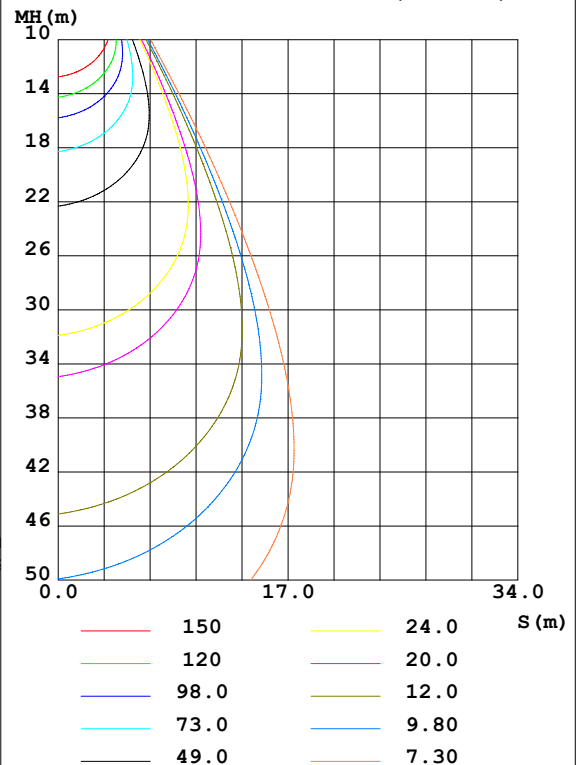
Test:U:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 178.07 lm/W			
MODEL	2835	I _{max} (cd)	24570	S/MH (C0/180)	0.85
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	0.80
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18041	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	18041.5	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	0.80

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:2024-8-24

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	2239	2284	2358	2430	2443	2392	2321	2257	0- 10	2273	2273	12.6,12.6
20	1816	1918	2067	2223	2258	2143	1982	1847	10- 20	6228	8501	47.1,47.1
30	530.5	685.0	905.5	1152	1189	1022	813.8	594.4	20- 30	7099	15601	86.5,86.5
40	37.75	39.21	42.51	52.16	57.73	50.47	43.80	39.14	30- 40	1703	17303	95.9,95.9
50	25.56	25.51	26.10	27.28	28.16	27.37	26.93	25.87	40- 50	246.5	17550	97.3,97.3
60	19.89	20.29	20.65	21.91	21.85	21.61	20.74	20.59	50- 60	214.8	17765	98.5,98.5
70	12.45	12.69	12.67	13.75	13.72	13.75	12.77	12.51	60- 70	167.2	17932	99.4,99.4
80	4.326	4.207	4.777	5.199	5.826	4.917	5.003	3.933	70- 80	93.24	18025	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	16.26	18041	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18041	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18041	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18041	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18041	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18041	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18041	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18041	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18041	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18041	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 17436 lm

%lum = 96.6%

%lamp = 96.6%

Conical surface Flux(120deg): 17765 lm

%lum = 98.5%

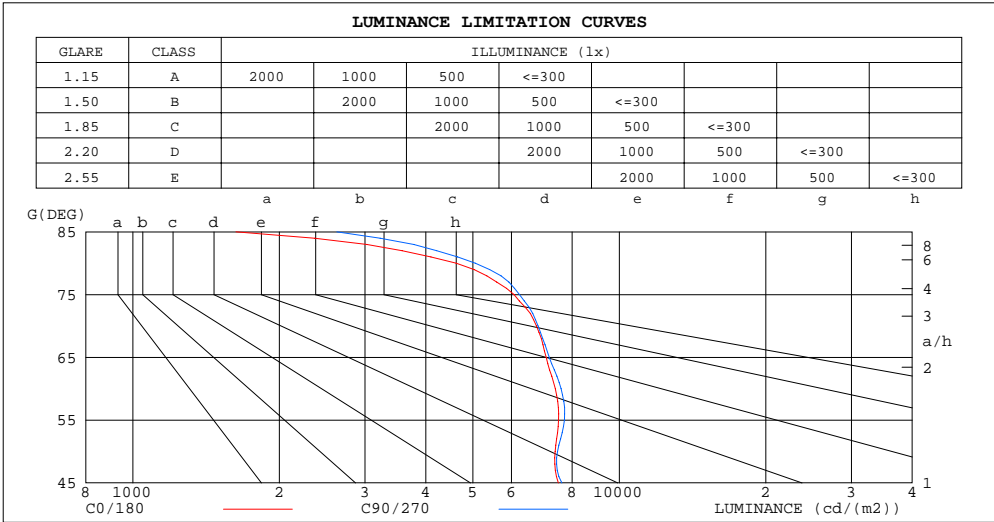
%lamp = 98.5%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1630	2626
80	4622	5056
75	6074	6231
70	6753	6807
65	7071	7175
60	7384	7589
55	7500	7711
50	7378	7463
45	7494	7621

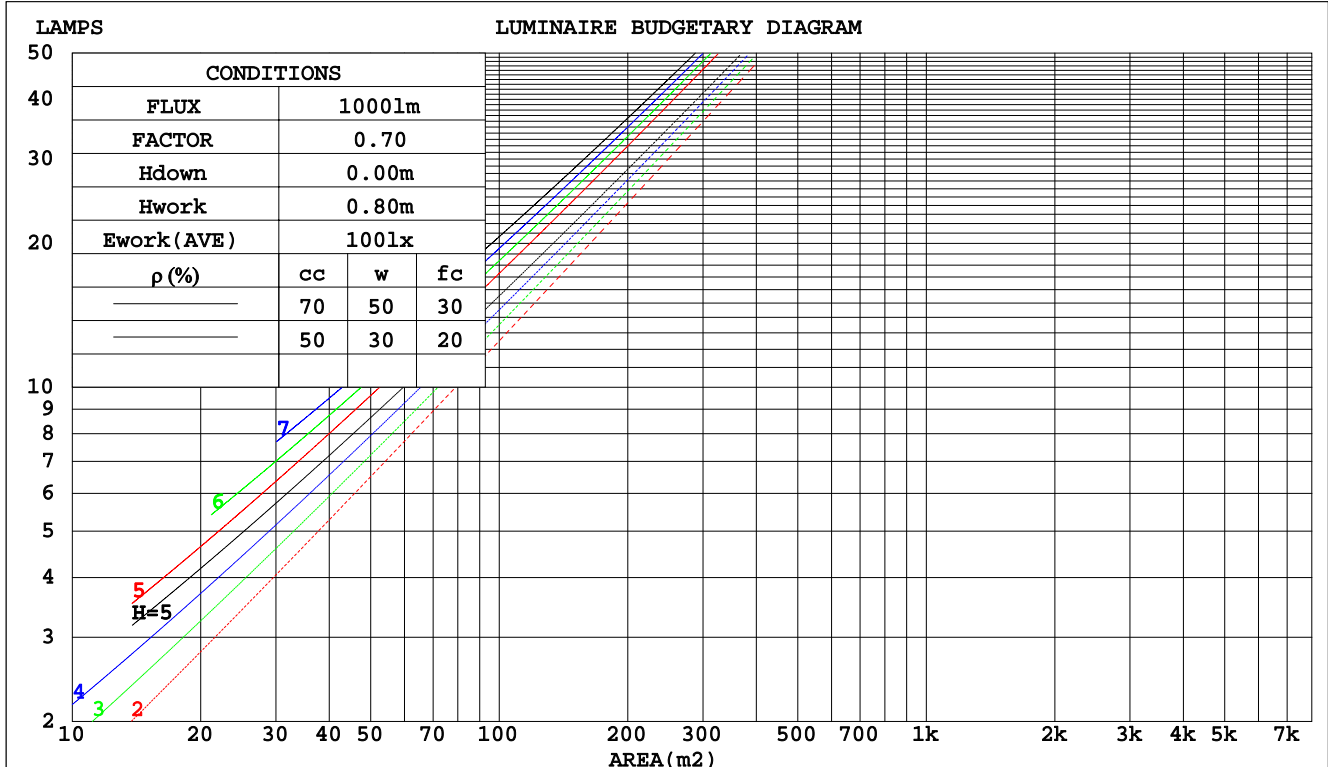
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-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	.00
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.82	.76	.73	.80	.76	.72	.79	.75	.72	.77	.74	.71	.70
7.0	.78	.73	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.63
9.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.68	.64	.61	.60
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.61	.58	.57



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	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	.170	.097	.031	.163	.093	.030	.151	.087	.028	.139	.080	.026	.129	.075	.024		
2.0	.161	.088	.027	.155	.086	.026	.145	.081	.025	.135	.076	.024	.126	.071	.023		
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.123	.068	.021		
4.0	.144	.075	.022	.140	.073	.022	.132	.070	.021	.125	.067	.020	.119	.064	.020		
5.0	.137	.070	.020	.133	.068	.020	.127	.066	.019	.120	.064	.019	.115	.061	.018		
6.0	.130	.065	.019	.127	.064	.019	.121	.062	.018	.116	.060	.018	.111	.058	.017		
7.0	.124	.062	.017	.122	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.117	.057	.016	.112	.056	.016	.108	.055	.016	.104	.053	.016		
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.101	.050	.014	.097	.049	.014		

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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.068	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.087	.055	.032	.060	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.096	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.018	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-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	13.1	13.9	13.3	14.1	14.3	15.5	16.3	15.7	16.5	16.7
3H	13.9	14.7	14.2	14.9	15.1	15.9	16.7	16.1	16.9	17.1
4H	14.3	15.1	14.6	15.3	15.5	16.1	16.8	16.3	17.0	17.3
6H	14.5	15.3	14.8	15.5	15.7	16.2	16.9	16.5	17.1	17.4
8H	14.6	15.3	14.9	15.5	15.8	16.2	16.9	16.5	17.1	17.4
12H	14.5	15.2	14.9	15.5	15.7	16.2	16.8	16.5	17.1	17.4
4H 2H	13.4	14.1	13.6	14.3	14.6	15.5	16.3	15.8	16.5	16.7
3H	14.5	15.1	14.8	15.4	15.7	16.1	16.7	16.4	17.0	17.3
4H	14.9	15.5	15.3	15.8	16.2	16.4	17.0	16.7	17.3	17.6
6H	15.3	15.8	15.6	16.1	16.5	16.5	17.1	16.9	17.4	17.8
8H	15.3	15.8	15.7	16.1	16.5	16.6	17.1	17.0	17.4	17.8
12H	15.3	15.7	15.7	16.1	16.5	16.5	17.0	17.0	17.4	17.8
8H 4H	15.1	15.6	15.5	15.9	16.3	16.4	16.9	16.8	17.2	17.6
6H	15.4	15.9	15.9	16.2	16.7	16.6	17.0	17.1	17.4	17.9
8H	15.5	15.9	15.9	16.3	16.7	16.7	17.0	17.1	17.5	17.9
12H	15.5	15.8	15.9	16.2	16.7	16.7	17.0	17.1	17.4	17.9
12H 4H	15.1	15.5	15.5	15.9	16.3	16.4	16.8	16.8	17.2	17.6
6H	15.4	15.8	15.9	16.2	16.7	16.6	17.0	17.1	17.4	17.8
8H	15.5	15.8	16.0	16.2	16.7	16.7	17.0	17.1	17.4	17.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.9 / - 0.4				
1.5H	+ 0.4 / - 0.3					+ 1.8 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 18041 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

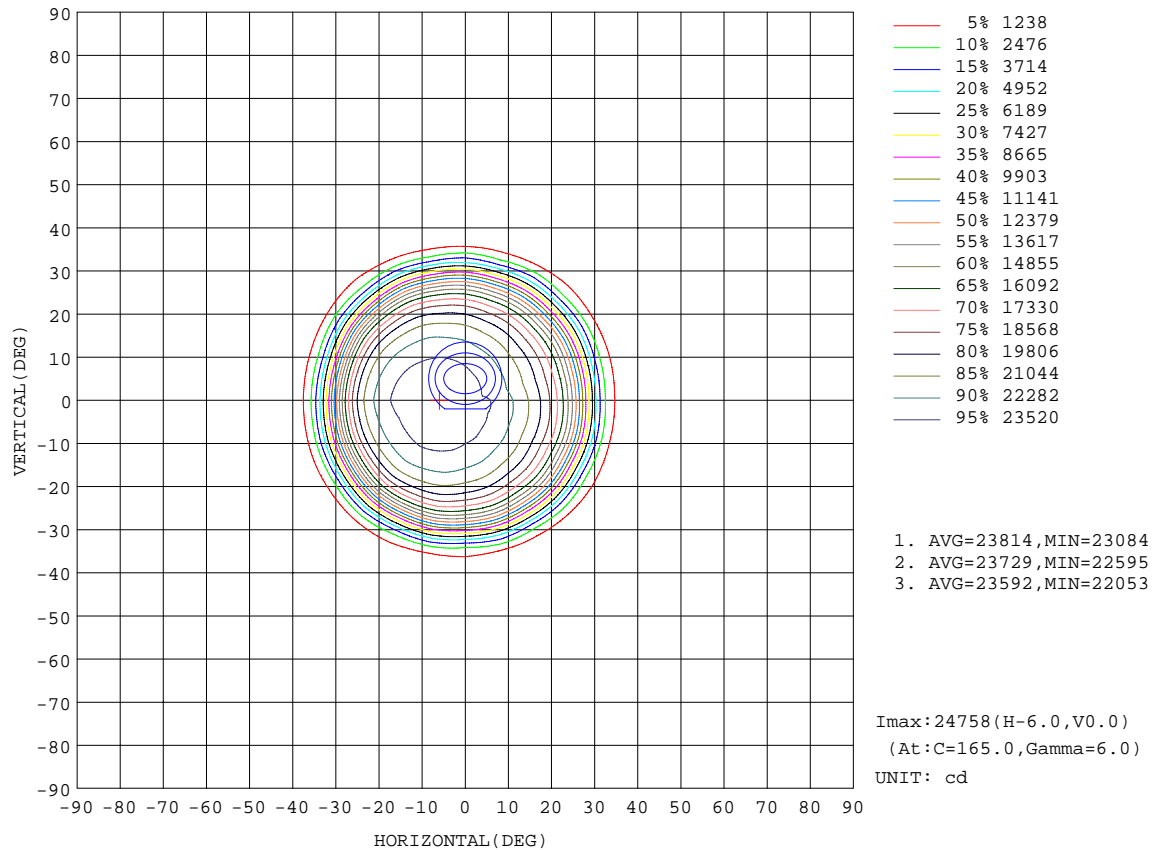
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	99	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
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:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

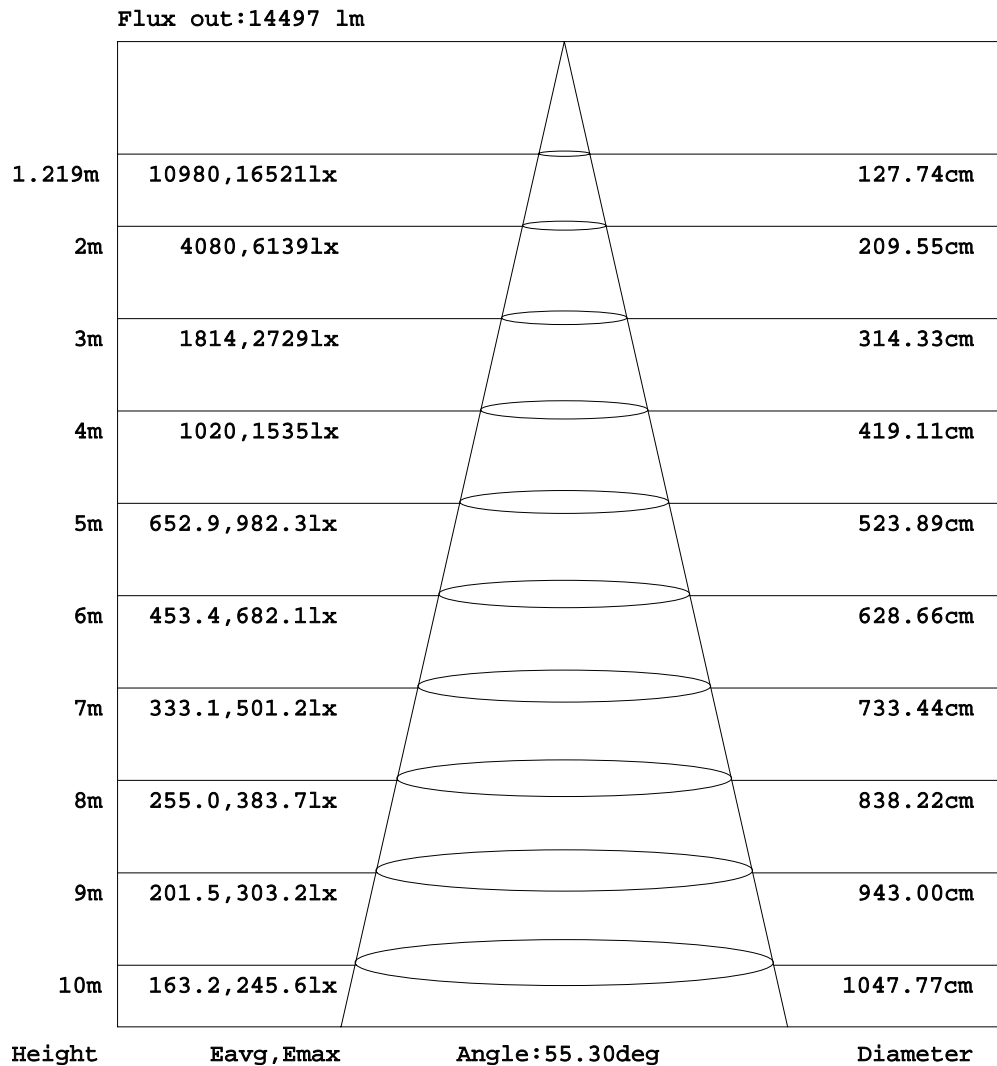


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



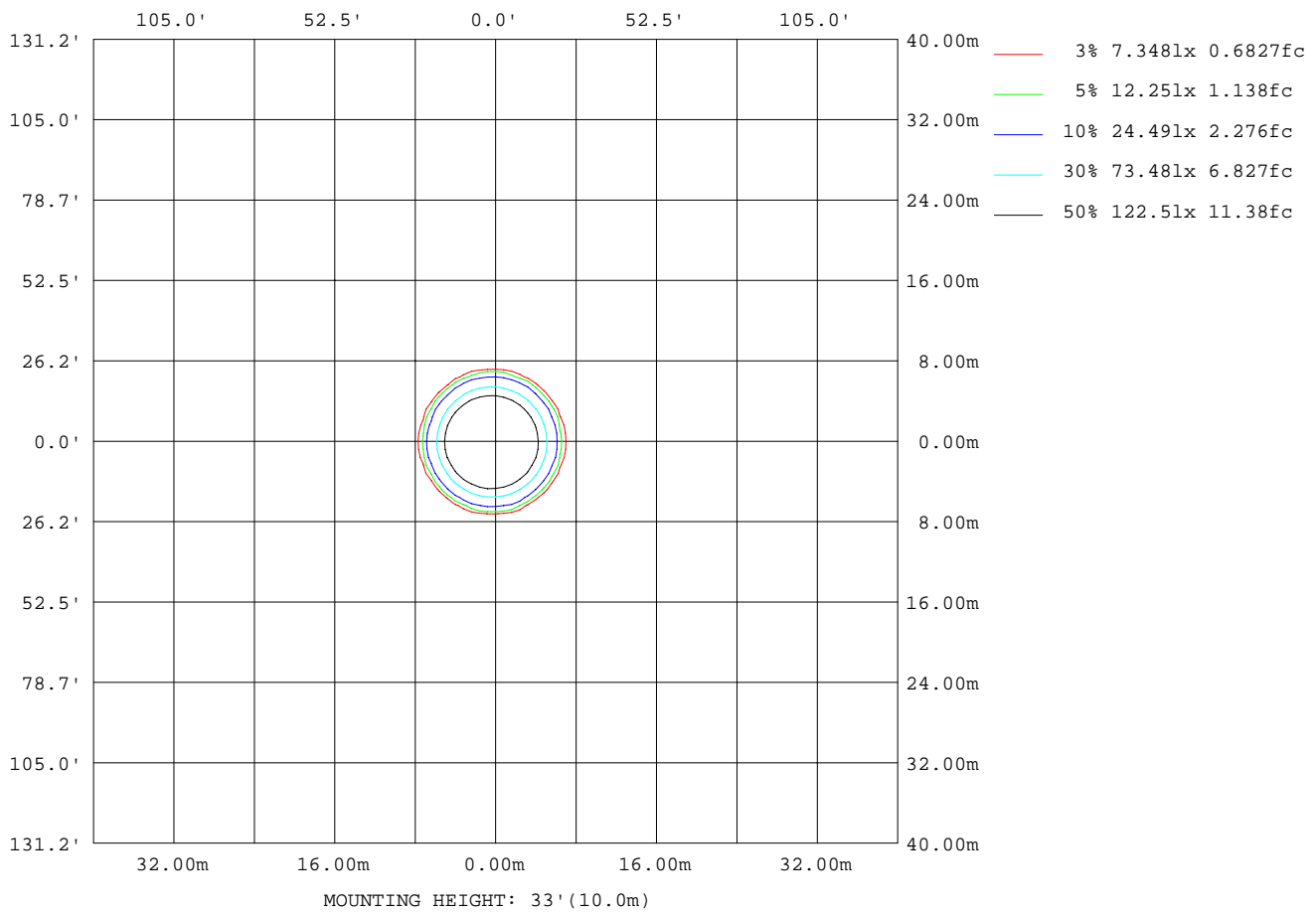
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-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: 2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

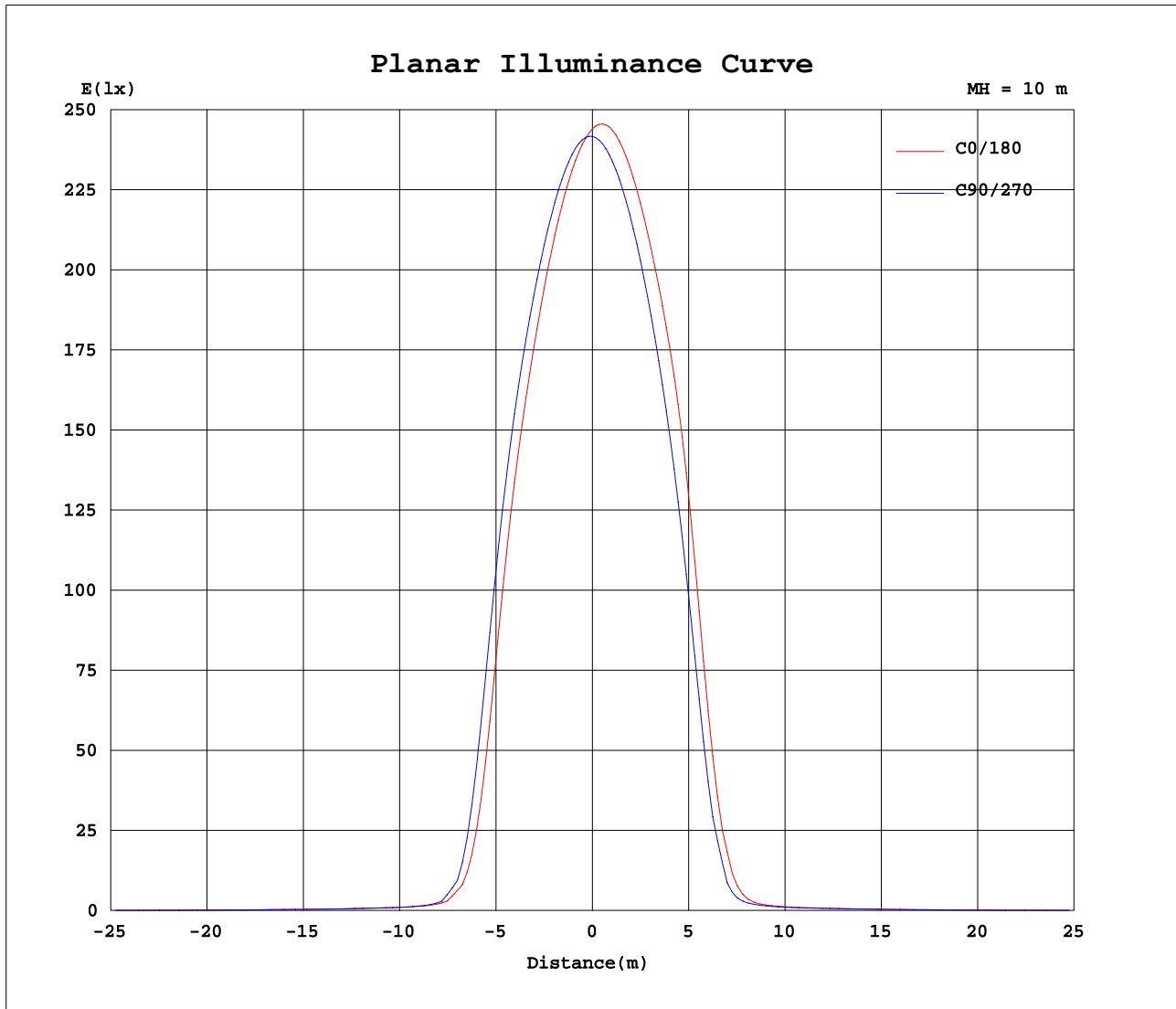
AvgL	cd/m2
L_0~180 (65) av	7352
L_0~180 (75) av	6518
L_0~180 (85) av	2698
L_90~270 (65) av	7195
L_90~270 (75) av	6339
L_90~270 (85) av	2804
L_45 (65) av	7471
L_45 (75) av	6319
L_45 (85) av	2649

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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: 2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

Table--1

UNIT: $\times 10\text{cd}$

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421	2421
5	2349	2355	2361	2372	2384	2399	2411	2426	2436	2447	2452	2455	2455	2448	2442	2429	2418	2403	2391
10	2239	2251	2263	2284	2304	2333	2358	2387	2408	2430	2438	2445	2443	2430	2416	2392	2370	2342	2321
15	2073	2092	2110	2145	2175	2218	2254	2297	2328	2361	2373	2385	2383	2363	2343	2305	2273	2225	2196
20	1816	1846	1868	1918	1957	2020	2067	2132	2174	2223	2241	2261	2258	2231	2201	2143	2095	2026	1982
25	1325	1376	1399	1481	1529	1623	1682	1778	1828	1910	1935	1976	1972	1925	1883	1792	1730	1627	1570
30	531	578	595	685	733	847	906	1019	1055	1152	1162	1210	1189	1127	1117	1022	981	867	814
35	113	109	124	124	128	157	172	215	229	298	288	339	329	286	296	235	215	172	158
40	37.7	38.4	38.1	39.2	39.5	41.2	42.5	45.9	47.5	52.2	53.7	57.6	57.7	55.4	55.2	50.5	48.5	44.8	43.8
45	28.6	28.7	28.5	28.4	28.4	28.5	29.3	30.4	30.7	31.8	32.4	33.3	33.5	33.2	33.5	32.1	31.6	30.5	30.6
50	25.6	25.4	25.6	25.5	25.7	25.2	26.1	26.7	26.7	27.3	27.8	28.1	28.2	27.9	28.6	27.4	27.3	26.5	26.9
55	23.2	22.8	23.4	23.2	23.9	23.0	24.1	24.2	24.4	25.0	25.4	25.5	25.4	25.0	26.2	24.7	24.9	24.0	24.3
60	19.9	19.6	20.2	20.3	20.8	20.0	20.6	20.9	21.2	21.9	22.0	22.0	21.9	21.6	22.6	21.6	21.9	20.8	20.7
65	16.1	15.9	16.3	16.5	16.7	16.2	16.5	16.8	17.2	17.8	17.7	17.7	17.6	17.5	18.1	17.7	17.9	16.8	16.5
70	12.4	12.4	12.5	12.7	12.6	12.4	12.7	13.1	13.3	13.7	13.6	13.7	13.7	13.7	14.0	13.8	13.7	12.9	12.8
75	8.47	8.35	8.30	8.41	8.33	8.26	8.78	9.04	9.15	9.64	9.28	9.59	9.85	9.59	9.90	9.30	9.44	8.85	9.05
80	4.33	4.35	3.53	4.21	3.79	4.27	4.78	4.97	4.72	5.20	4.67	5.37	5.83	5.46	5.00	4.92	4.78	4.78	5.00
85	0.77	0.61	0.69	0.90	0.85	0.78	1.25	1.06	1.30	1.64	1.38	1.28	1.79	1.27	1.38	1.51	1.31	0.99	1.41
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: 2024-8-24

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:219.2V I:0.4747A P:101.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18041.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Table--2

UNIT: $\times 10\text{cd}$

γ (DEG) \ C (DEG)	285	300	315	330	345														
0	2421	2421	2421	2421	2421														
5	2377	2368	2359	2354	2350														
10	2294	2276	2257	2248	2240														
15	2155	2129	2099	2087	2075														
20	1922	1887	1847	1835	1819														
25	1480	1438	1374	1363	1332														
30	707	670	594	586	546														
35	131	126	126	112	118														
40	41.3	40.6	39.1	39.0	38.0														
45	29.8	29.3	28.9	28.7	28.3														
50	26.3	26.0	25.9	25.7	25.4														
55	23.6	23.4	23.8	23.3	23.2														
60	20.2	20.3	20.6	20.2	19.9														
65	16.1	16.3	16.5	16.3	16.0														
70	12.3	12.5	12.5	12.3	12.1														
75	8.51	8.34	8.19	8.14	8.10														
80	4.45	3.84	3.93	3.59	3.85														
85	0.76	0.97	0.96	0.82	0.50														
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: 2024-8-24

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: