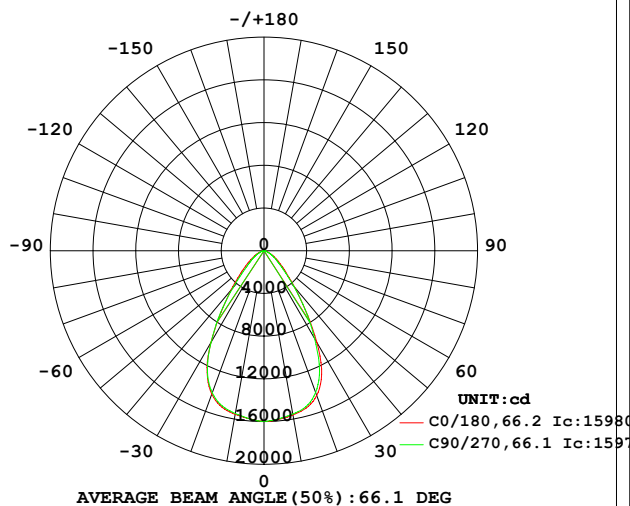


LUMINAIRE PHOTOMETRIC TEST REPORT

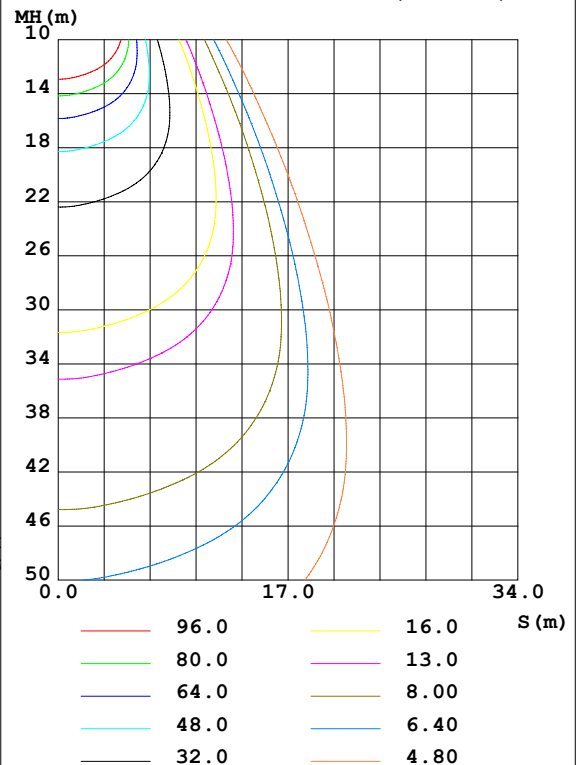
Test:U:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 169.08 lm/W			
MODEL	2835	I _{max} (cd)	16016	S/MH (C0/180)	0.98
NOMINAL POWER (W)	120	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	20597	η UP,DN (C0-180)	0.0,49.9
NOMINAL FLUX (lm)	20597.3	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.1
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	1561	1558	1553	1552	1555	1547	1547	1555	0- 10	1500	1500	7.28,7.28
20	1443	1429	1413	1424	1429	1417	1417	1432	10- 20	4251	5751	27.9,27.9
30	990.3	948.1	947.5	981.9	995.4	983.7	994.3	992.9	20- 30	5657	11408	55.4,55.4
40	445.3	443.9	436.4	496.0	478.6	444.8	454.2	484.2	30- 40	4339	15747	76.5,76.5
50	210.2	224.1	182.5	244.2	225.8	213.8	182.6	226.8	40- 50	2463	18210	88.4,88.4
60	101.5	112.2	87.33	121.7	110.0	106.9	86.51	109.9	50- 60	1410	19620	95.3,95.3
70	39.64	43.95	36.23	48.02	44.21	41.52	35.63	40.69	60- 70	698.1	20318	98.6,98.6
80	9.511	9.184	10.79	10.69	11.41	8.567	9.531	8.341	70- 80	245.0	20563	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	34.15	20597	100,100
100	0	0	0	0	0	0	0	0	90-100	0	20597	100,100
110	0	0	0	0	0	0	0	0	100-110	0	20597	100,100
120	0	0	0	0	0	0	0	0	110-120	0	20597	100,100
130	0	0	0	0	0	0	0	0	120-130	0	20597	100,100
140	0	0	0	0	0	0	0	0	130-140	0	20597	100,100
150	0	0	0	0	0	0	0	0	140-150	0	20597	100,100
160	0	0	0	0	0	0	0	0	150-160	0	20597	100,100
170	0	0	0	0	0	0	0	0	160-170	0	20597	100,100
180	0	0	0	0	0	0	0	0	170-180	0	20597	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 17153 lm

%lum = 83.3%

%lamp = 83.3%

Conical surface Flux(120deg): 19620 lm

%lum = 95.3%

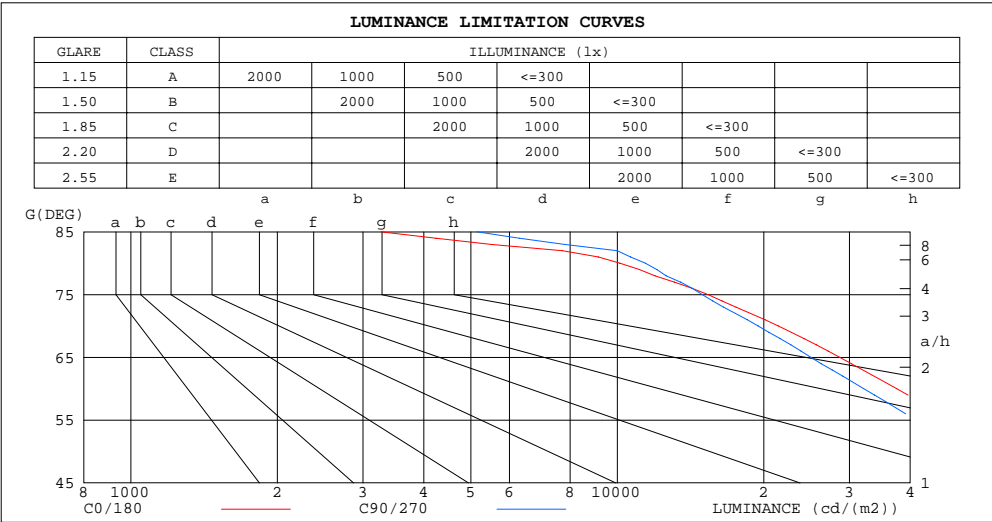
%lamp = 95.3%

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-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	3266	5149
80	10124	11416
75	15351	14938
70	21421	19463
65	28642	24997
60	37528	32094
55	47988	40899
50	60439	52163
45	77940	70270

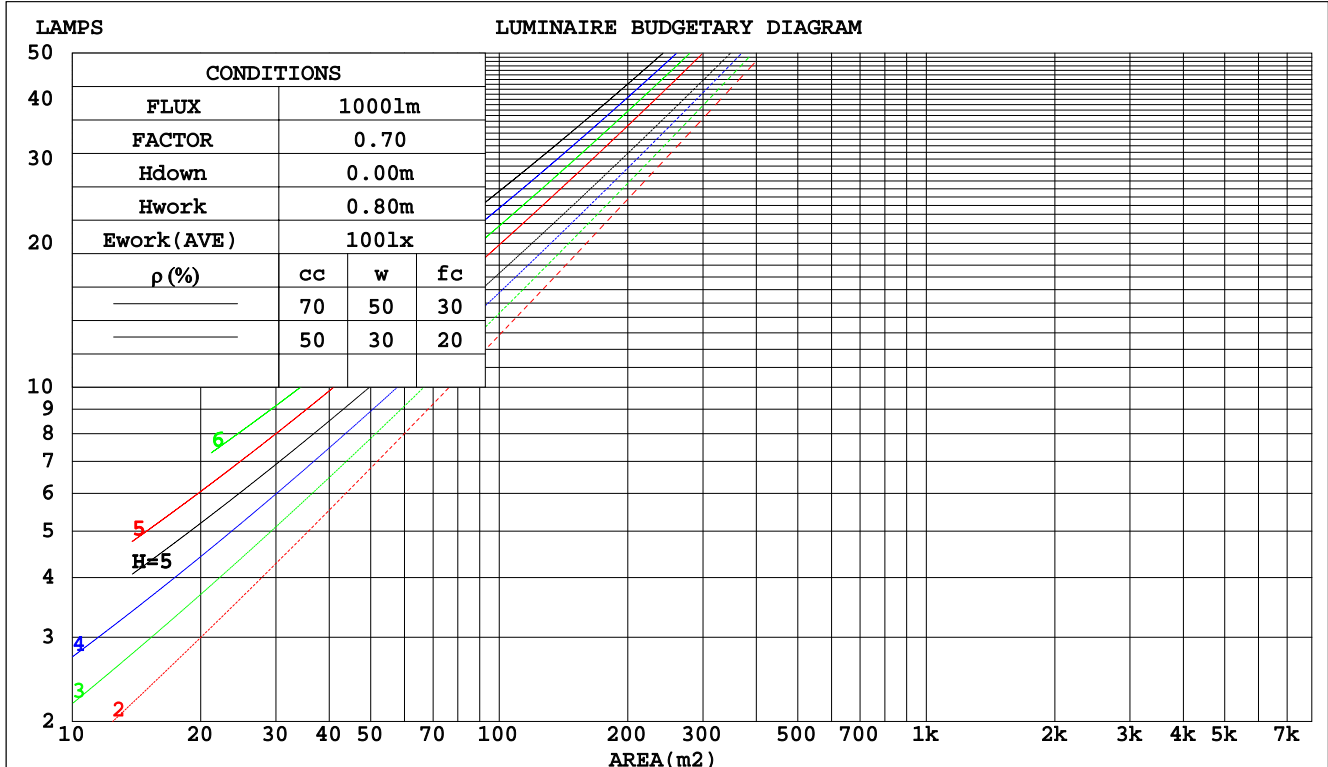
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-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	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	.00	.95	.91	.98	.93	.90	.94	.91	.88	.91	.88	.86	.89	.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	.74	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.68	.64	.71	.67	.63	.61
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.55	.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	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.48	.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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-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	.212	.120	.038	.205	.117	.037	.192	.110	.035	.180	.104	.033	.170	.098	.032		
2.0	.205	.112	.034	.199	.110	.034	.188	.105	.032	.178	.100	.031	.169	.095	.030		
3.0	.195	.104	.031	.190	.102	.031	.180	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.185	.096	.028	.180	.094	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026		
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.080	.024		
6.0	.165	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023		
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.149	.073	.020	.146	.072	.020	.141	.071	.020	.136	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.139	.068	.019	.135	.067	.019	.130	.065	.019	.126	.064	.019		
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.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	.148	.135	.122	.102	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.161	.132	.109	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.013	
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	.026	.089	.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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm											
NAME: AOK HBE					TYPE:			WEIGHT:			
SPEC.:AOK-120WHBE-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	24.5	25.7	24.8	25.8	26.0	24.7	25.8	24.9	26.0	26.2	
	3H	24.8	25.8	25.1	26.0	26.2	25.0	26.0	25.2	26.2	26.4
	4H	24.8	25.8	25.1	26.0	26.3	25.0	26.0	25.3	26.2	26.4
	6H	24.8	25.7	25.1	26.0	26.2	25.0	25.9	25.3	26.2	26.4
	8H	24.8	25.7	25.1	25.9	26.2	25.0	25.8	25.3	26.1	26.4
	12H	24.7	25.6	25.0	25.8	26.1	24.9	25.8	25.2	26.0	26.3
4H	2H	24.6	25.6	24.9	25.9	26.1	24.8	25.8	25.1	26.0	26.3
	3H	25.0	25.8	25.3	26.1	26.4	25.2	26.0	25.5	26.3	26.6
	4H	25.1	25.8	25.4	26.1	26.5	25.3	26.0	25.6	26.3	26.7
	6H	25.1	25.8	25.5	26.1	26.4	25.3	26.0	25.7	26.3	26.7
	8H	25.1	25.7	25.5	26.0	26.4	25.3	25.9	25.7	26.3	26.6
	12H	25.0	25.6	25.4	26.0	26.4	25.2	25.8	25.6	26.2	26.6
8H	4H	25.0	25.7	25.4	26.0	26.4	25.2	25.8	25.6	26.2	26.6
	6H	25.1	25.6	25.5	26.0	26.4	25.3	25.8	25.7	26.2	26.6
	8H	25.0	25.5	25.5	25.9	26.4	25.3	25.7	25.7	26.1	26.6
	12H	25.0	25.4	25.5	25.8	26.3	25.2	25.6	25.7	26.1	26.5
12H	4H	25.0	25.6	25.4	25.9	26.3	25.2	25.7	25.6	26.1	26.5
	6H	25.0	25.5	25.5	25.9	26.3	25.2	25.7	25.7	26.1	26.5
	8H	25.0	25.4	25.5	25.8	26.3	25.2	25.6	25.7	26.0	26.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.7					+ 1.0 / - 1.8					
1.5H	+ 1.6 / - 1.4					+ 1.3 / - 1.7					
2.0H	+ 2.0 / - 2.2					+ 1.8 / - 2.3					

CIE Pub.117, 20597 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.5$)

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

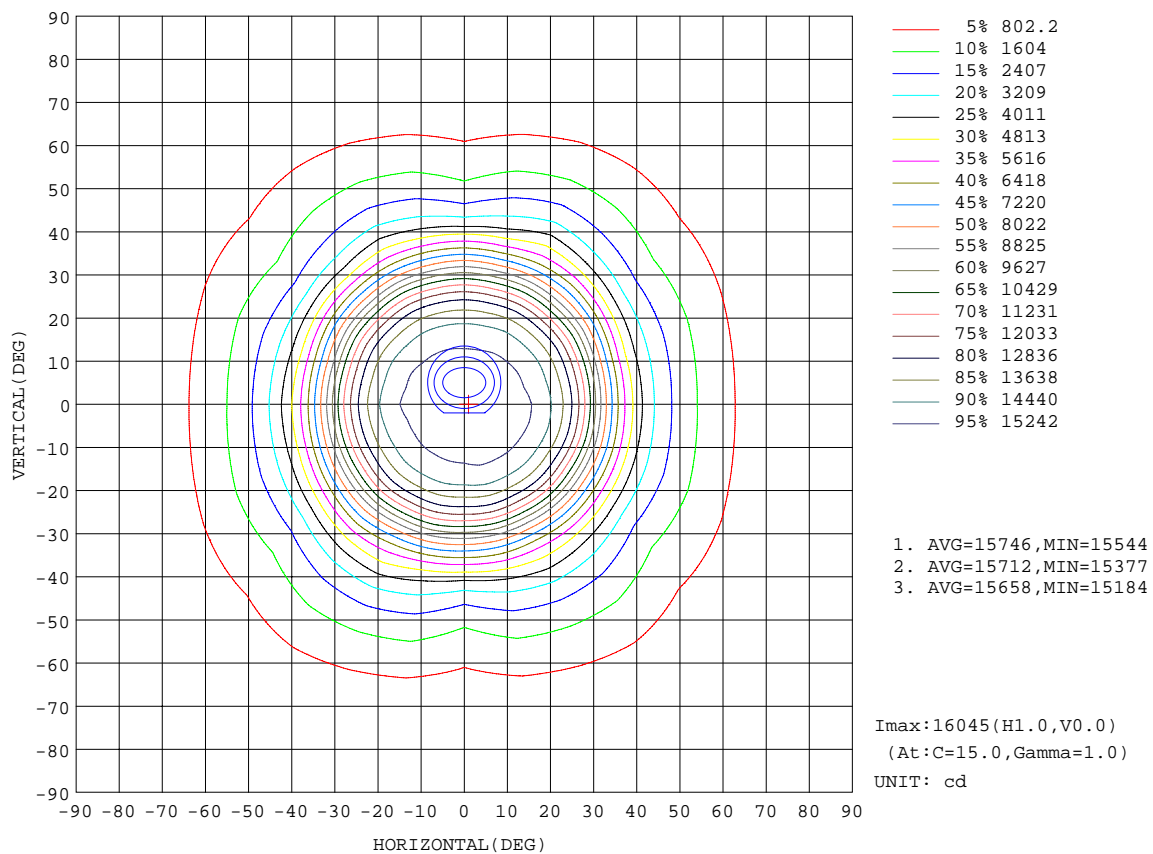
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	59
0.80	85	78	73	85	77	73	83	77	72	67
1.00	92	84	80	91	84	79	89	84	79	74
1.25	97	90	86	96	90	85	94	88	84	79
1.50	101	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	101	98	91
4.00	112	108	105	110	106	104	106	103	101	94
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
 γ 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:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

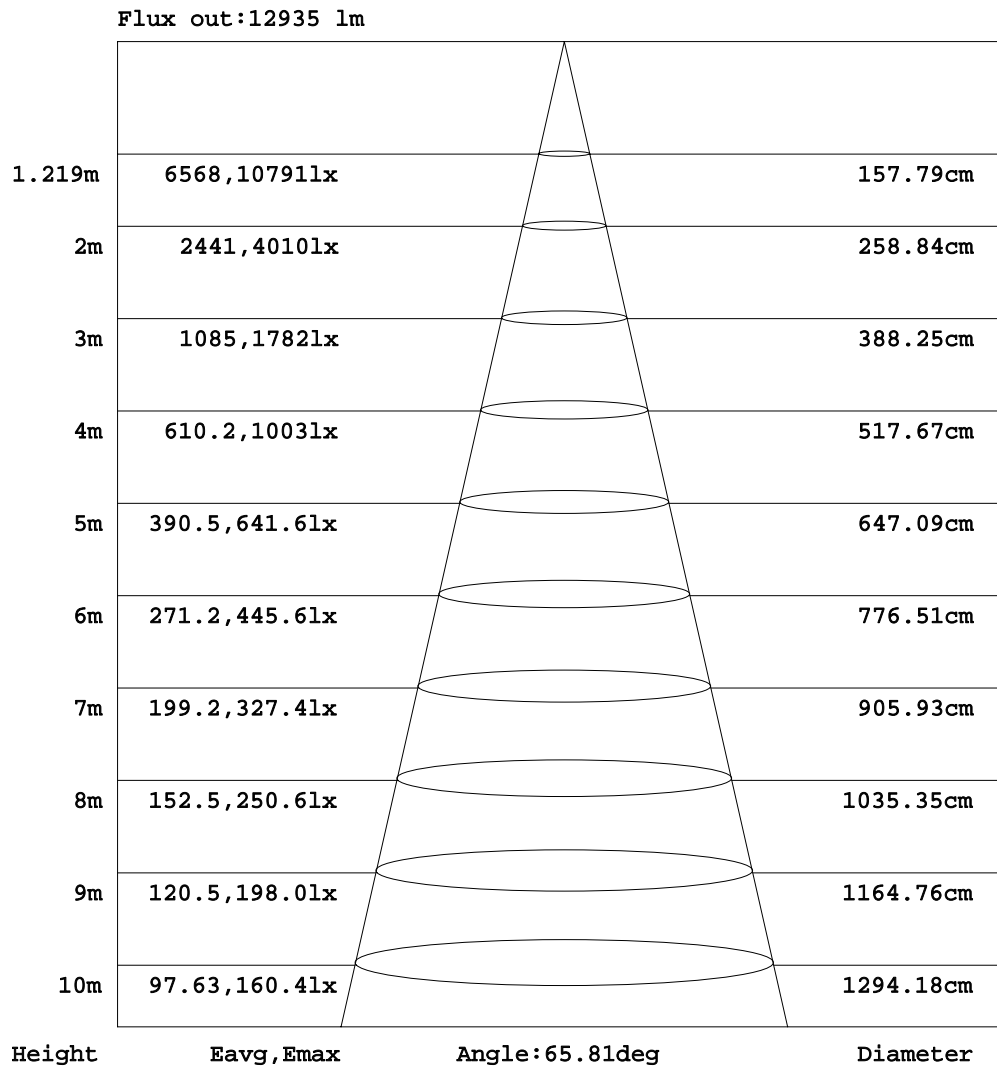


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



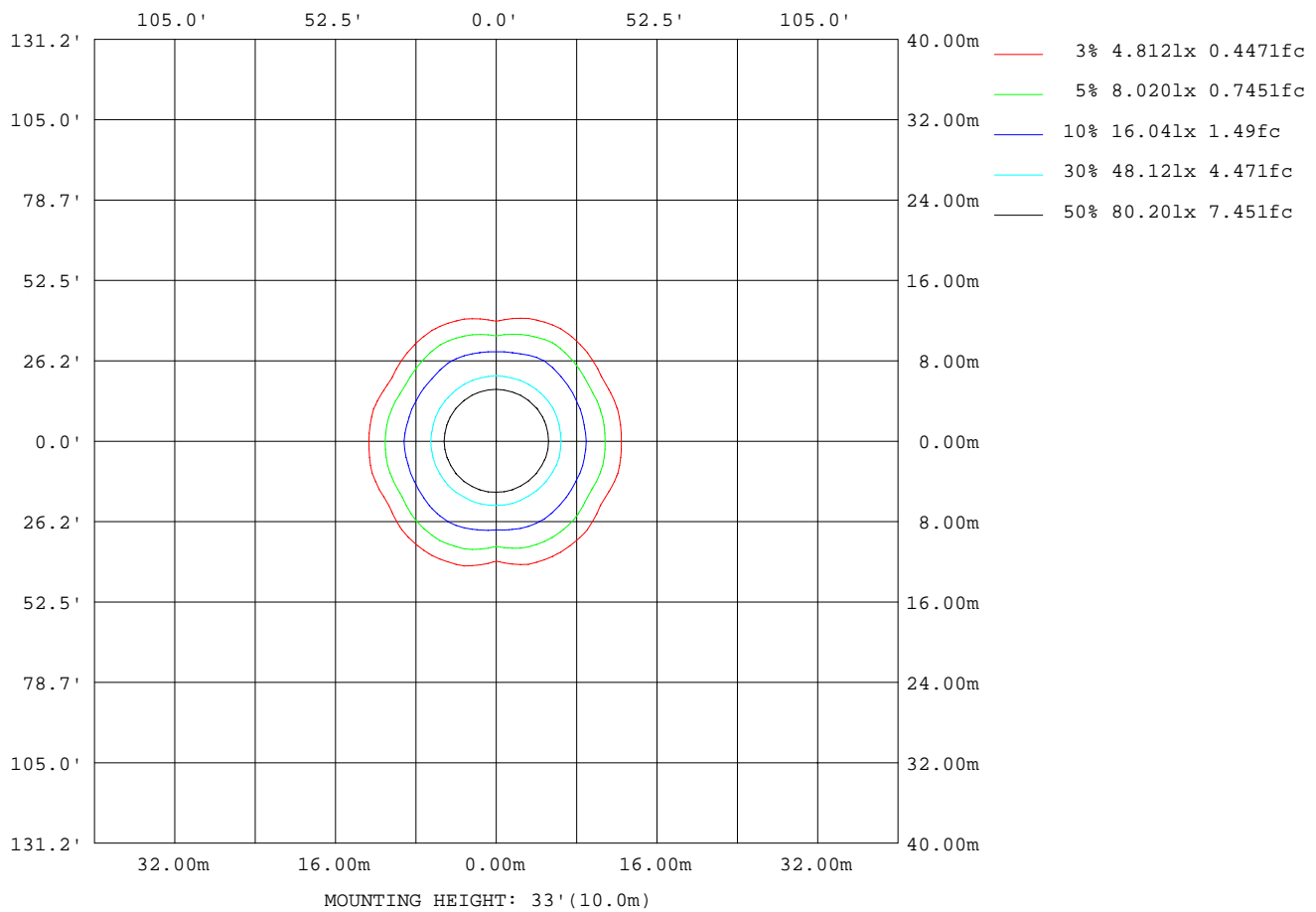
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-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: 2024-10-26

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

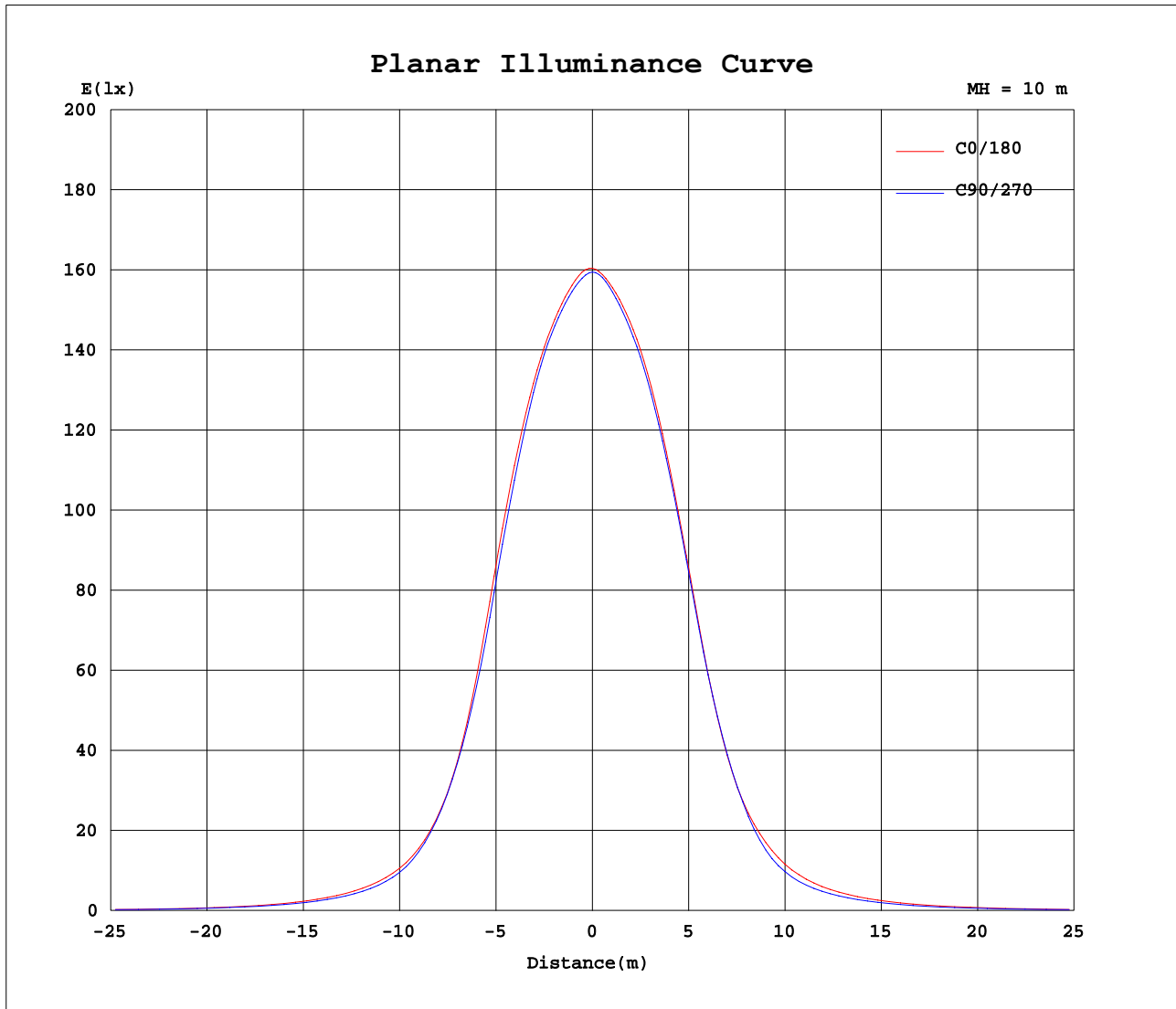
AvgL	cd/m2
L_0~180 (65) av	29891
L_0~180 (75) av	16472
L_0~180 (85) av	4246
L_90~270 (65) av	24906
L_90~270 (75) av	14644
L_90~270 (85) av	4328
L_45 (65) av	31630
L_45 (75) av	14918
L_45 (85) av	5464

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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-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	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598
5	1586	1590	1585	1584	1582	1581	1580	1579	1578	1579	1578	1579	1579	1576	1578	1577	1578	1577	1579
10	1561	1565	1558	1558	1556	1556	1553	1552	1551	1552	1551	1553	1555	1551	1551	1547	1547	1545	1547
15	1525	1529	1521	1521	1517	1517	1512	1513	1512	1514	1512	1515	1517	1512	1511	1506	1506	1503	1506
20	1443	1446	1432	1429	1421	1420	1413	1420	1418	1424	1421	1426	1429	1423	1424	1417	1419	1413	1417
25	1277	1276	1251	1246	1229	1237	1231	1244	1243	1254	1249	1258	1261	1253	1260	1251	1258	1249	1255
30	990	984	955	948	931	945	947	965	964	982	979	991	995	983	997	984	996	984	994
35	676	685	664	662	650	669	672	687	691	716	707	708	702	692	703	691	699	702	710
40	445	443	435	444	463	451	436	461	502	496	475	471	479	454	452	445	480	463	454
45	298	301	282	311	325	309	270	326	358	345	310	322	326	310	284	299	328	308	276
50	210	216	193	224	232	224	182	235	254	244	211	230	226	221	191	214	232	220	183
55	149	155	134	162	166	163	128	171	181	176	149	167	160	160	134	155	165	158	127
60	102	106	91.7	112	114	112	87.3	117	124	122	102	115	110	110	92.8	107	113	108	86.5
65	65.5	67.8	60.1	72.8	73.5	71.8	57.5	75.1	78.9	78.7	66.5	74.3	71.8	71.2	61.6	69.2	72.4	68.6	56.9
70	39.6	40.6	36.9	44.0	43.9	43.4	36.2	45.1	47.0	48.0	41.0	45.1	44.2	43.3	38.4	41.5	43.7	40.7	35.6
75	21.5	22.1	20.2	20.3	22.9	24.1	21.0	24.9	24.7	24.1	22.8	25.2	24.8	23.8	21.2	20.2	22.5	21.6	20.1
80	9.51	9.56	8.24	9.18	8.63	10.9	10.8	11.6	9.85	10.7	9.71	11.5	11.4	10.7	8.51	8.57	8.65	9.23	9.53
85	1.54	1.88	2.15	2.66	2.34	2.56	2.44	3.08	3.12	3.52	2.98	2.73	2.48	2.05	2.25	2.43	2.18	1.72	1.66
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:219.2V I:0.5670A P:121.8W PF:0.9800 Freq:50.01Hz Lamp Flux:20597.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-120WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Table--2

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

C (DEG) γ (DEG)	285	300	315	330	345														
0	1598	1598	1598	1598	1598														
5	1579	1582	1582	1585	1585														
10	1548	1553	1555	1559	1558														
15	1507	1514	1517	1522	1522														
20	1417	1430	1432	1442	1441														
25	1249	1264	1264	1282	1277														
30	982	997	993	1012	998														
35	696	712	719	713	683														
40	459	506	484	458	437														
45	312	353	322	297	301														
50	224	246	227	201	215														
55	161	172	162	140	153														
60	109	117	110	94.9	104														
65	68.9	74.2	69.8	61.3	65.6														
70	40.8	43.5	40.7	36.8	38.9														
75	21.8	22.3	19.3	19.8	20.9														
80	9.28	8.34	8.34	7.84	8.96														
85	1.58	1.76	1.74	1.70	1.48														
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: