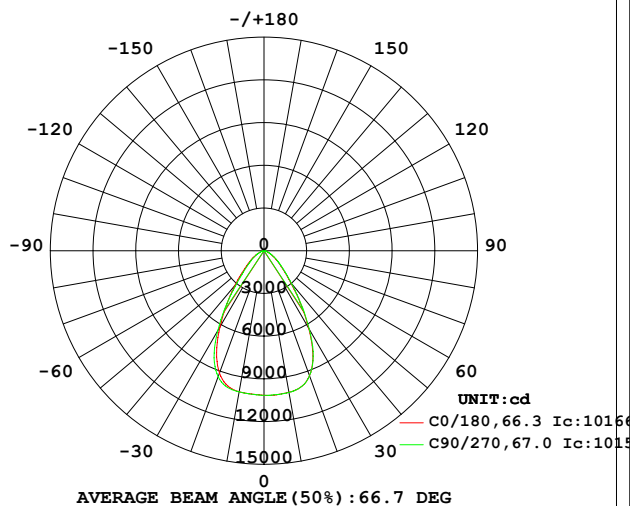


LUMINAIRE PHOTOMETRIC TEST REPORT

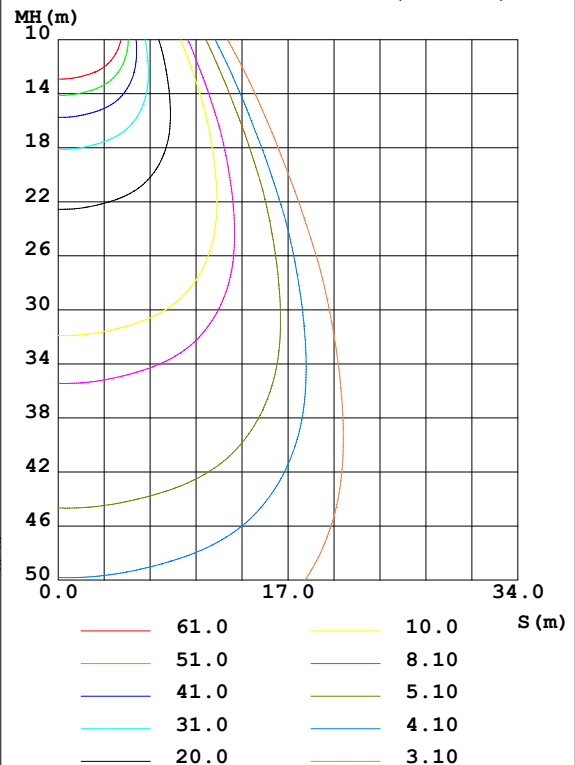
Test:U:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.51 lm/W			
MODEL	2835	I _{max} (cd)	10172	S/MH (C0/180)	0.99
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	13390	η UP,DN (C0-180)	0.0,50.3
NOMINAL FLUX (lm)	13389.7	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:2024-10-29

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	1009	1013	1010	1003	1005	1008	1007	1006	0- 10	965.2	965.2	7.21,7.21
20	934.2	950.2	934.9	917.6	914.2	933.8	941.7	927.3	10- 20	2776	3741	27.9,27.9
30	627.5	645.8	636.4	615.9	619.3	636.1	650.4	612.8	20- 30	3665	7407	55.3,55.3
40	291.5	296.8	303.7	303.2	317.7	296.6	294.6	291.4	30- 40	2796	10203	76.2,76.2
50	139.7	141.4	146.5	155.4	152.1	140.0	136.3	138.9	40- 50	1599	11802	88.1,88.1
60	67.28	70.75	72.32	78.16	75.00	70.22	67.53	68.03	50- 60	921.5	12723	95,95
70	26.22	29.08	29.54	32.62	30.46	28.78	26.89	26.90	60- 70	464.2	13188	98.5,98.5
80	7.010	7.927	9.480	11.95	10.20	7.747	7.201	6.087	70- 80	174.7	13362	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	27.50	13390	100,100
100	0	0	0	0	0	0	0	0	90-100	0	13390	100,100
110	0	0	0	0	0	0	0	0	100-110	0	13390	100,100
120	0	0	0	0	0	0	0	0	110-120	0	13390	100,100
130	0	0	0	0	0	0	0	0	120-130	0	13390	100,100
140	0	0	0	0	0	0	0	0	130-140	0	13390	100,100
150	0	0	0	0	0	0	0	0	140-150	0	13390	100,100
160	0	0	0	0	0	0	0	0	150-160	0	13390	100,100
170	0	0	0	0	0	0	0	0	160-170	0	13390	100,100
180	0	0	0	0	0	0	0	0	170-180	0	13390	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 11115 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 12723 lm

%lum = 95.0%

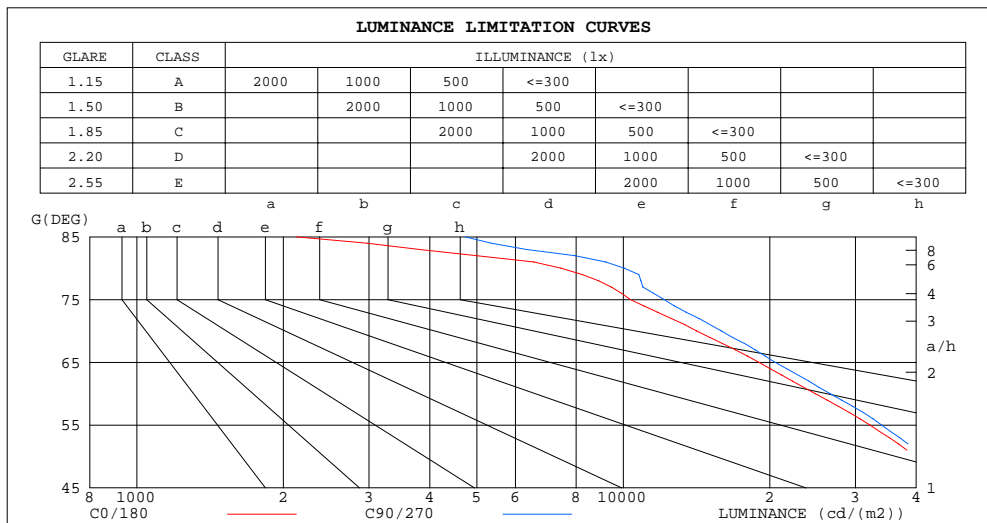
%lamp = 95.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



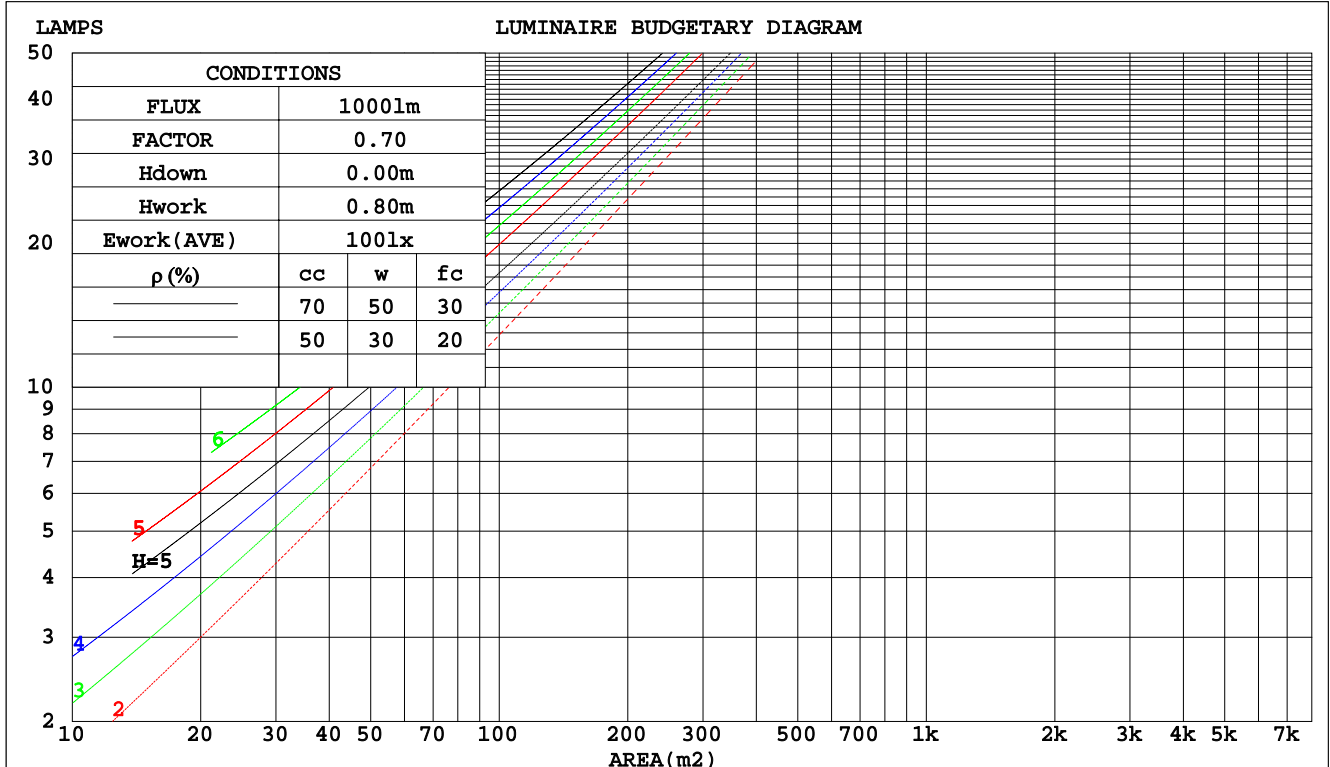
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.00	.98	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.90	.98	.93	.89	.94	.91	.87	.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	.68	.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	.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: 2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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	.213	.121	.038	.206	.118	.037	.193	.111	.035	.182	.105	.034	.171	.099	.032	
2.0	.206	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.170	.096	.030	
3.0	.196	.104	.031	.191	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028	
4.0	.185	.096	.028	.181	.095	.028	.173	.091	.027	.165	.089	.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	.148	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.021	.147	.072	.020	.141	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.065	.019	.127	.064	.019	
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.018	

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	.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:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm											
NAME: AOK HBE					TYPE:			WEIGHT:			
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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	23.1	24.3	23.4	24.4	24.6	23.3	24.5	23.6	24.7	24.8	
	3H	23.4	24.4	23.7	24.6	24.9	23.7	24.7	23.9	24.9	
	4H	23.4	24.4	23.7	24.6	24.9	23.7	24.7	24.0	25.0	
	6H	23.4	24.3	23.7	24.6	24.9	23.8	24.7	24.1	24.9	
	8H	23.4	24.3	23.7	24.5	24.8	23.7	24.6	24.1	24.9	
	12H	23.3	24.2	23.7	24.5	24.8	23.7	24.6	24.0	24.8	
4H	2H	23.2	24.2	23.5	24.5	24.7	23.4	24.4	23.7	24.7	
	3H	23.6	24.5	23.9	24.7	25.0	23.9	24.7	24.2	25.0	
	4H	23.7	24.5	24.0	24.8	25.1	24.0	24.8	24.3	25.1	
	6H	23.7	24.4	24.1	24.7	25.1	24.0	24.7	24.4	25.1	
	8H	23.7	24.3	24.1	24.7	25.1	24.0	24.7	24.4	25.0	
	12H	23.7	24.2	24.1	24.6	25.0	24.0	24.6	24.4	25.0	
8H	4H	23.7	24.3	24.1	24.7	25.0	23.9	24.6	24.3	24.9	
	6H	23.7	24.2	24.2	24.6	25.1	24.0	24.6	24.5	25.0	
	8H	23.7	24.2	24.2	24.6	25.0	24.1	24.5	24.5	24.9	
	12H	23.7	24.1	24.2	24.5	25.0	24.0	24.4	24.5	24.9	
12H	4H	23.6	24.2	24.0	24.6	25.0	23.9	24.5	24.3	24.9	
	6H	23.7	24.2	24.2	24.6	25.0	24.0	24.5	24.5	24.9	
	8H	23.7	24.1	24.2	24.5	25.0	24.0	24.4	24.5	24.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.5					+ 1.0 / - 1.4					
1.5H	+ 1.6 / - 0.9					+ 1.5 / - 0.8					
2.0H	+ 1.8 / - 1.7					+ 1.8 / - 1.6					

CIE Pub.117, 13390 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.0$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

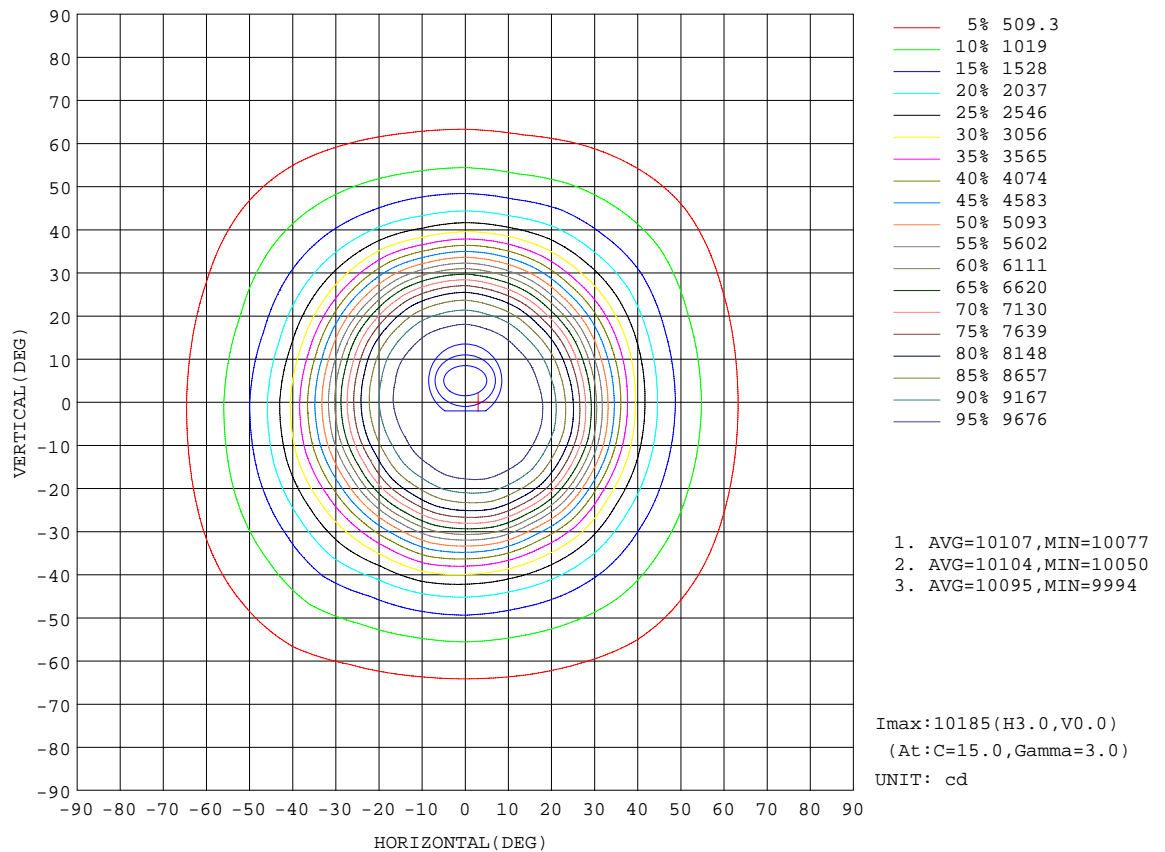
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	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:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

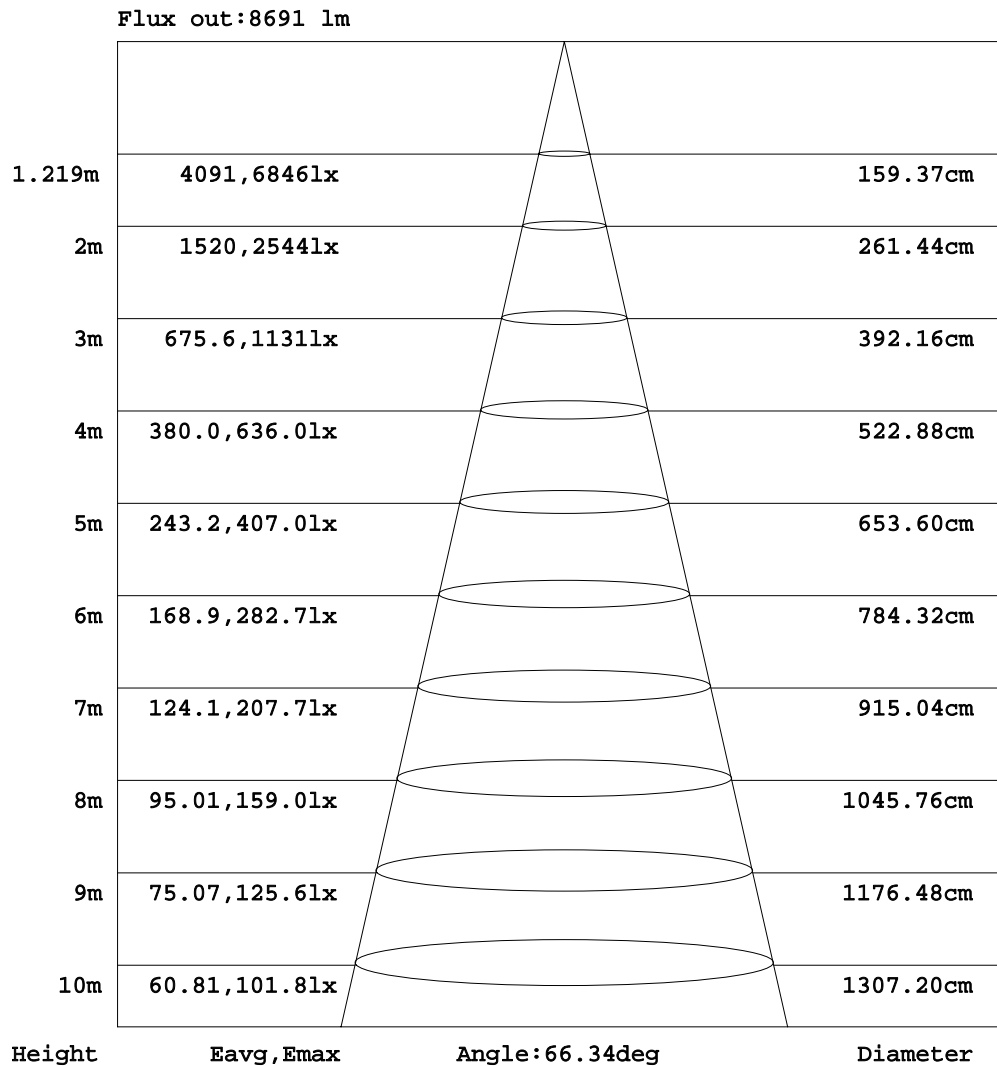


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



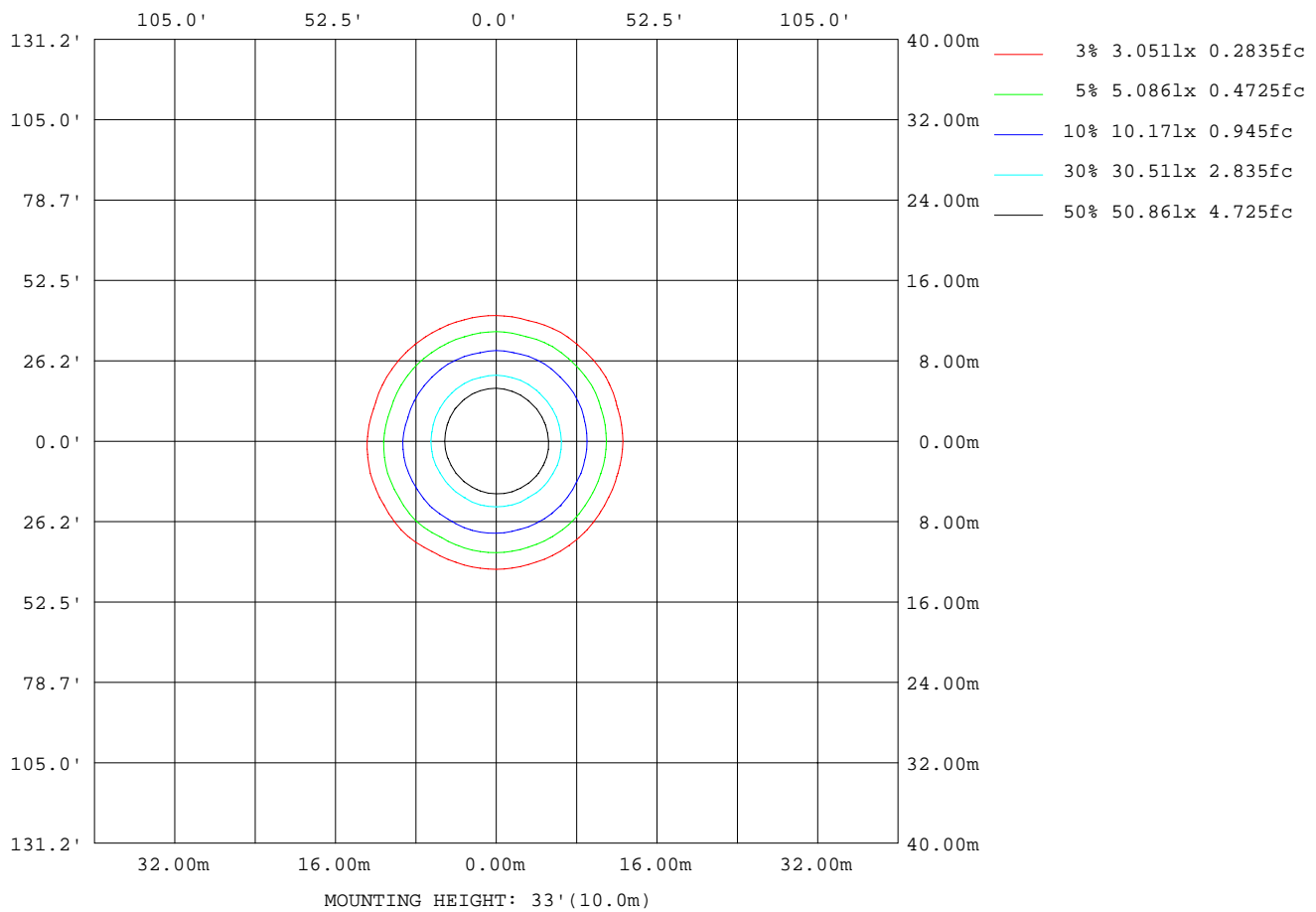
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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:2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

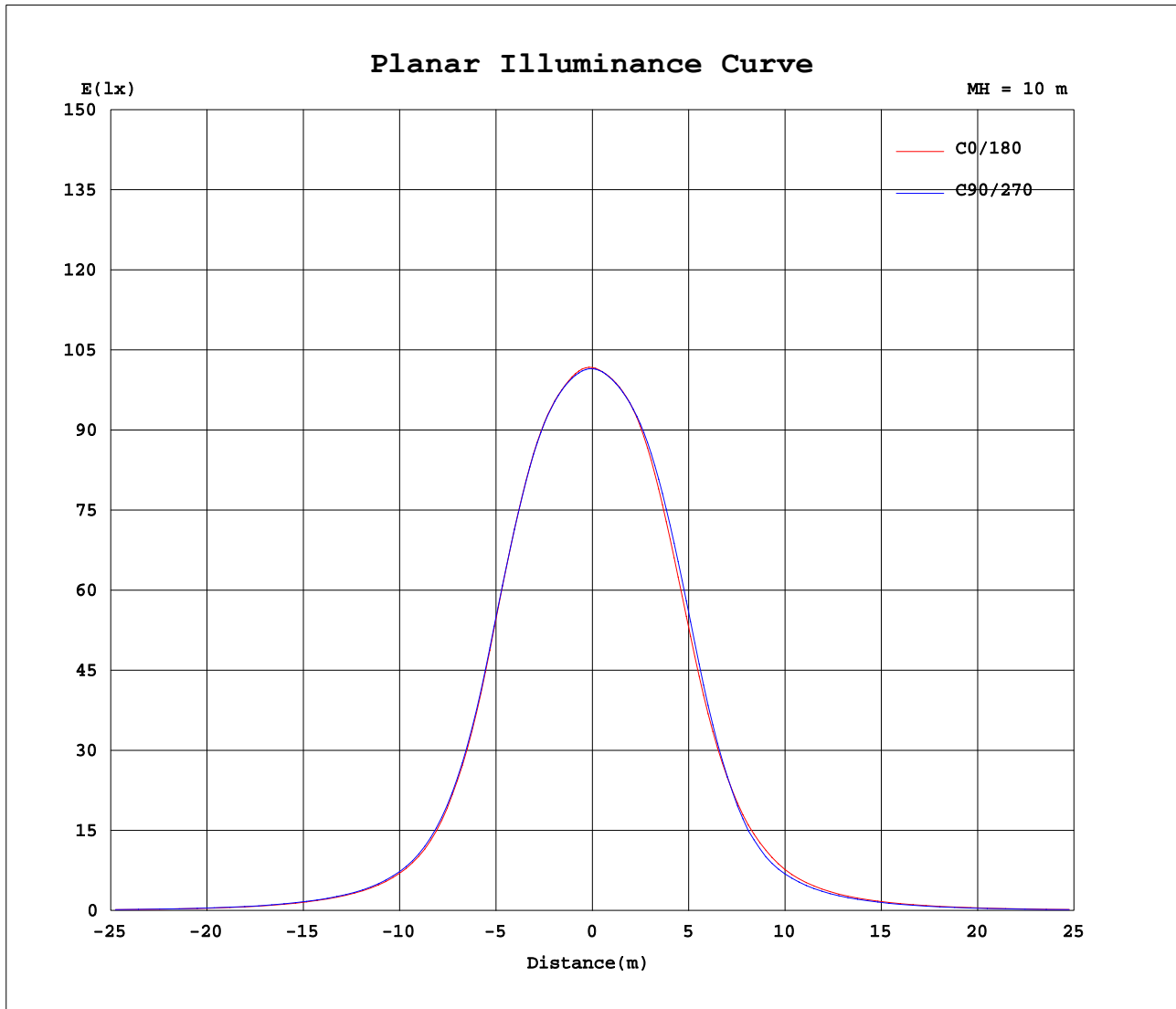
AvgL	cd/m2
L_0~180 (65) av	20160
L_0~180 (75) av	11408
L_0~180 (85) av	3615
L_90~270 (65) av	19836
L_90~270 (75) av	11298
L_90~270 (85) av	3528
L_45 (65) av	20496
L_45 (75) av	11705
L_45 (85) av	4729

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-29

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: 2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015
5	1015	1016	1016	1017	1016	1015	1014	1013	1012	1011	1010	1009	1010	1010	1010	1011	1011	1011	1011
10	1009	1011	1012	1013	1013	1013	1010	1008	1005	1003	1003	1003	1005	1007	1008	1008	1008	1007	1007
15	993	996	996	999	998	998	993	990	984	982	979	981	983	986	990	991	993	992	993
20	934	943	944	950	945	944	935	931	920	918	910	912	914	918	929	934	940	939	942
25	815	830	831	837	828	831	818	815	800	797	784	789	789	792	808	814	827	826	830
30	627	645	641	646	634	646	636	636	618	616	607	618	619	617	631	636	650	647	650
35	442	446	439	446	437	450	452	457	440	436	439	454	453	443	446	450	458	450	457
40	292	293	285	297	294	299	304	312	300	303	308	322	318	302	298	297	301	286	295
45	197	196	194	201	202	202	207	208	204	217	214	221	217	203	201	199	196	192	194
50	140	137	137	141	143	143	146	145	143	155	152	154	152	141	142	140	137	137	136
55	100	98.2	98.3	102	103	103	106	104	104	112	109	111	109	100	102	101	99.3	96.9	97.6
60	67.3	66.6	67.4	70.7	70.3	71.2	72.3	72.2	72.1	78.2	75.7	76.8	75.0	69.6	70.7	70.2	68.3	66.7	67.5
65	43.5	43.5	44.0	46.6	46.5	47.1	47.1	47.2	47.4	51.4	49.9	50.3	49.0	45.7	46.4	46.1	45.0	43.7	44.0
70	26.2	26.8	26.8	29.1	28.8	29.4	29.5	29.7	29.7	32.6	31.2	31.2	30.5	28.5	28.8	28.8	27.9	26.8	26.9
75	14.5	14.9	14.5	16.3	15.5	16.9	17.1	17.2	16.7	18.8	17.7	18.0	17.6	16.4	15.8	16.0	15.0	14.7	14.7
80	7.01	6.93	6.45	7.93	6.86	8.62	9.48	10.2	9.24	12.0	9.73	10.1	10.2	9.12	7.24	7.75	6.64	6.75	7.20
85	1.00	1.21	1.63	2.08	1.95	2.06	2.24	2.54	3.16	3.69	3.14	2.61	2.42	2.11	2.24	2.08	1.80	1.21	1.10
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: 2024-10-29

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:219.4V I:0.3798A P:80.41W PF:0.9650 Freq:50.01Hz Lamp Flux:13389.7x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-3080-60D-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	1015	1015	1015	1015	1015														
5	1011	1012	1013	1014	1014														
10	1006	1007	1006	1007	1008														
15	992	991	988	990	990														
20	935	933	927	930	930														
25	815	811	799	804	805														
30	634	628	613	618	617														
35	452	447	432	438	439														
40	292	296	291	296	297														
45	191	200	199	203	198														
50	133	140	139	142	138														
55	94.4	98.9	99.8	102	97.7														
60	64.6	67.5	68.0	69.4	66.2														
65	42.2	43.8	44.0	44.4	42.6														
70	25.8	26.7	26.9	26.8	25.7														
75	14.2	14.2	14.7	14.0	14.1														
80	6.33	5.54	6.09	5.55	6.06														
85	1.02	1.20	1.11	1.26	1.00														
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: 2024-10-29

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: