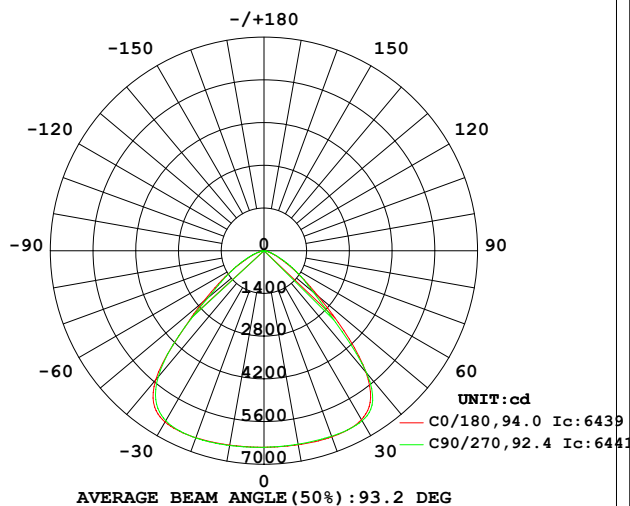


LUMINAIRE PHOTOMETRIC TEST REPORT

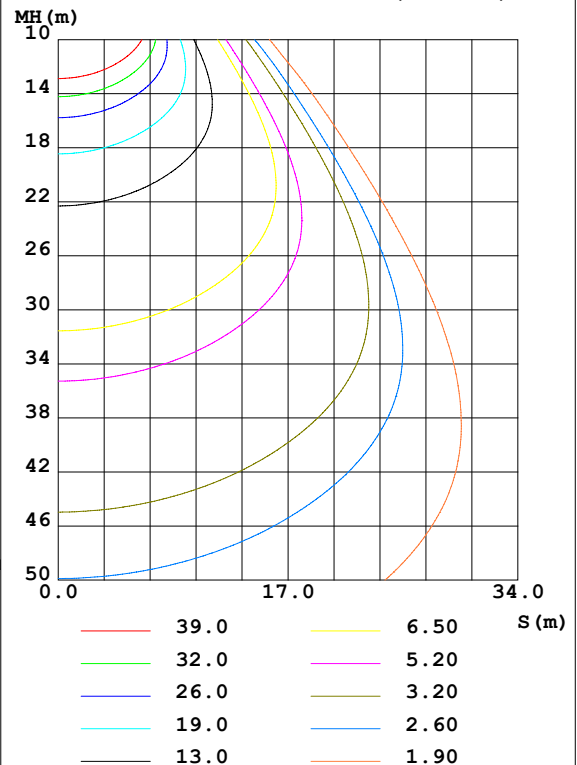
Test:U:219.2V I:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 180.98 lm/W			
MODEL	2835	I _{max} (cd)	6541	S/MH (C0/180)	1.37
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	14421	η UP,DN (C0-180)	0.0,49.4
NOMINAL FLUX (lm)	14420.6	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.6
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:yanyonggeng
Test Date:2024-10-24

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	6454	6438	6437	6447	6468	6478	6480	6470	0- 10	615.6	615.6	4.27,4.27
20	6492	6472	6470	6485	6521	6532	6529	6514	10- 20	1838	2453	17,17
30	6392	6417	6435	6432	6481	6468	6435	6405	20- 30	3003	5457	37.8,37.8
40	5198	5201	5229	5371	5516	5510	5391	5223	30- 40	3793	9250	64.1,64.1
50	2324	2283	2103	2434	2621	2538	2384	2406	40- 50	2908	12158	84.3,84.3
60	916.1	901.2	990.9	1065	1048	990.1	1079	1045	50- 60	1430	13587	94.2,94.2
70	307.7	327.5	340.3	394.6	345.8	373.1	390.7	380.1	60- 70	618.5	14206	98.5,98.5
80	63.85	54.61	69.63	62.24	81.14	63.84	89.26	59.19	70- 80	194.9	14401	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	19.77	14421	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14421	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14421	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14421	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14421	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14421	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14421	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14421	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14421	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14421	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10939 lm

%lum = 75.9%

%lamp = 75.9%

Conical surface Flux(120deg): 13587 lm

%lum = 94.2%

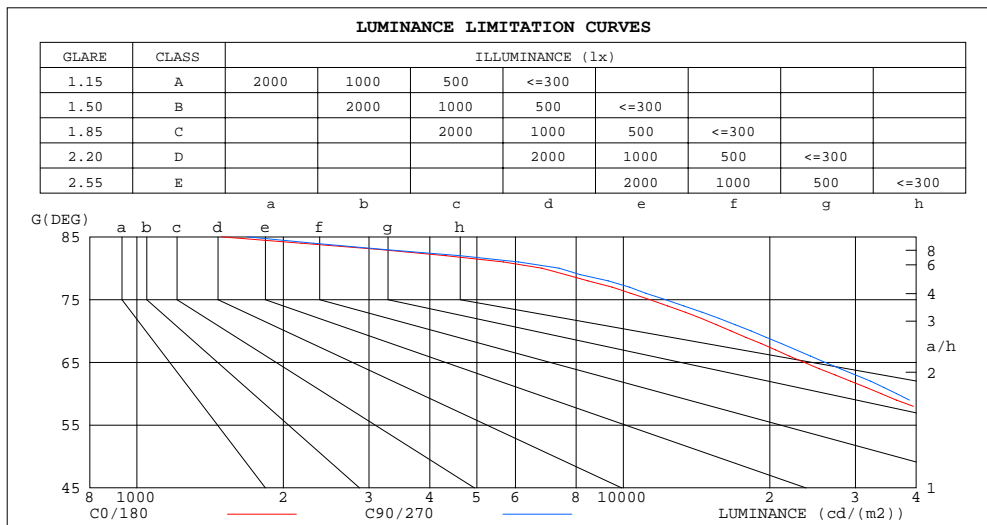
%lamp = 94.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



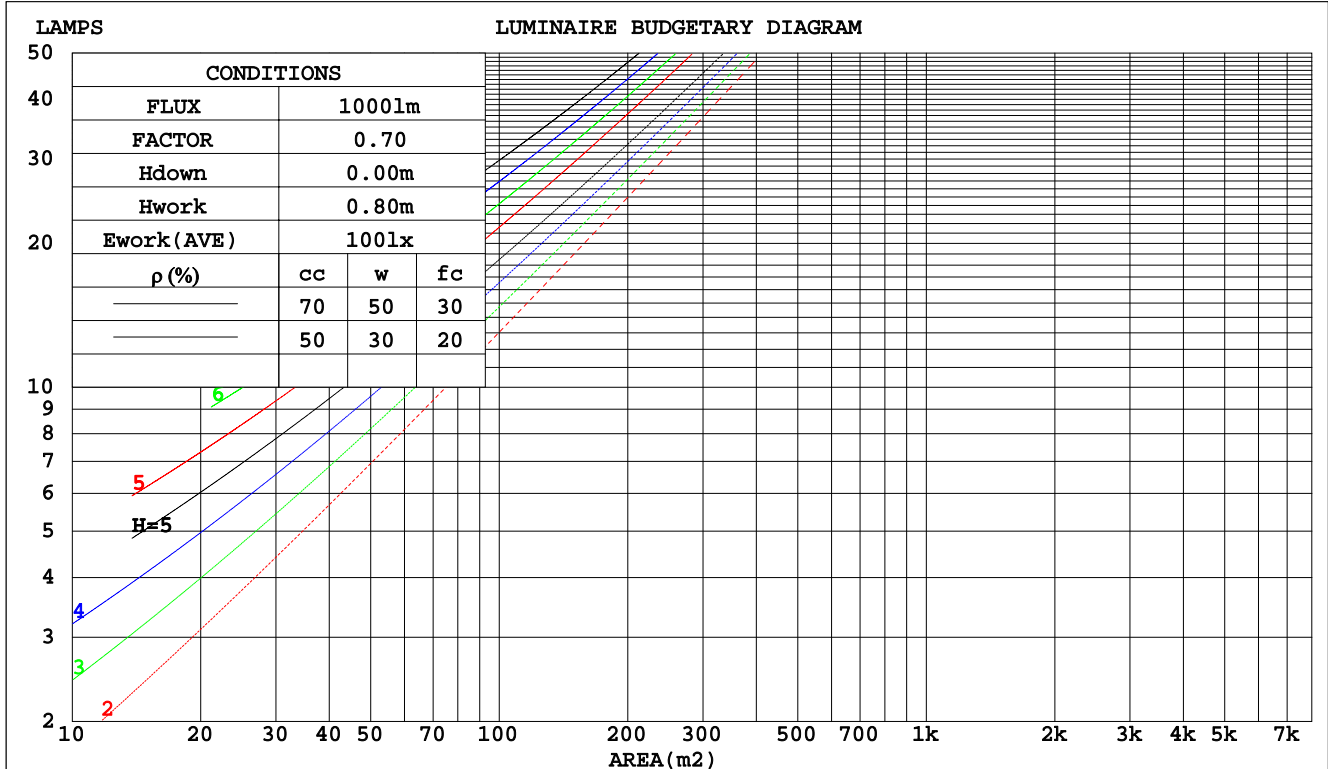
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.87	.81	.76	.86	.80	.75	.83	.78	.74	.81	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.58	.71	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.65	.58	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.55	.50	.49
7.0	.60	.52	.47	.59	.52	.46	.58	.51	.46	.56	.50	.46	.55	.50	.45	.44
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.42	.52	.46	.41	.51	.45	.41	.39
9.0	.51	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.36
10.0	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.39	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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	.233	.133	.042	.226	.129	.041	.213	.122	.039	.201	.116	.037	.191	.110	.036	
2.0	.228	.125	.038	.222	.122	.038	.211	.117	.036	.201	.113	.035	.191	.108	.034	
3.0	.218	.116	.035	.213	.114	.034	.203	.110	.033	.194	.106	.033	.186	.103	.032	
4.0	.207	.107	.032	.202	.106	.031	.194	.103	.031	.186	.100	.030	.178	.097	.030	
5.0	.196	.100	.029	.192	.098	.029	.184	.096	.028	.177	.093	.028	.170	.091	.027	
6.0	.185	.093	.027	.182	.092	.026	.175	.090	.026	.168	.088	.026	.163	.086	.025	
7.0	.175	.087	.025	.172	.086	.024	.166	.084	.024	.160	.082	.024	.155	.081	.024	
8.0	.166	.081	.023	.163	.080	.023	.158	.079	.022	.153	.077	.022	.148	.076	.022	
9.0	.157	.076	.021	.155	.075	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.147	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

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	.175	.157	.140	.150	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.091	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010	
4.0	.146	.100	.065	.126	.086	.056	.086	.060	.040	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.012	.014	.008	.004	
9.0	.116	.063	.027	.100	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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	25.9	27.2	26.1	27.4	27.5	25.8	27.1	26.0	27.2	27.4
3H	26.0	27.2	26.3	27.4	27.6	25.9	27.1	26.2	27.3	27.5
4H	26.0	27.1	26.3	27.3	27.6	25.9	27.0	26.2	27.3	27.5
6H	25.9	26.9	26.2	27.2	27.5	25.8	26.9	26.2	27.1	27.4
8H	25.9	26.9	26.2	27.1	27.4	25.8	26.8	26.1	27.1	27.3
12H	25.8	26.8	26.2	27.1	27.3	25.8	26.7	26.1	27.0	27.3
4H 2H	25.8	27.0	26.1	27.2	27.4	25.7	26.9	26.0	27.1	27.3
3H	26.0	27.0	26.4	27.3	27.6	25.9	26.9	26.3	27.2	27.5
4H	26.1	26.9	26.4	27.2	27.5	26.0	26.8	26.3	27.1	27.5
6H	26.0	26.8	26.4	27.1	27.5	25.9	26.7	26.3	27.0	27.4
8H	26.0	26.7	26.4	27.0	27.4	25.9	26.6	26.3	27.0	27.3
12H	25.9	26.6	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3
8H 4H	26.0	26.7	26.4	27.0	27.4	25.9	26.6	26.3	26.9	27.3
6H	25.9	26.5	26.4	26.9	27.3	25.9	26.4	26.3	26.8	27.3
8H	25.9	26.4	26.4	26.8	27.3	25.8	26.3	26.3	26.8	27.2
12H	25.9	26.3	26.3	26.7	27.2	25.8	26.2	26.3	26.7	27.1
12H 4H	25.9	26.6	26.3	26.9	27.3	25.8	26.5	26.3	26.9	27.3
6H	25.9	26.4	26.3	26.8	27.3	25.8	26.3	26.3	26.7	27.2
8H	25.9	26.3	26.3	26.7	27.2	25.8	26.2	26.3	26.7	27.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 2.3					+ 1.4 / - 2.4				
1.5H	+ 1.6 / - 1.7					+ 1.8 / - 1.7				
2.0H	+ 3.2 / - 2.9					+ 2.7 / - 3.2				

CIE Pub.117, 14421 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.3$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

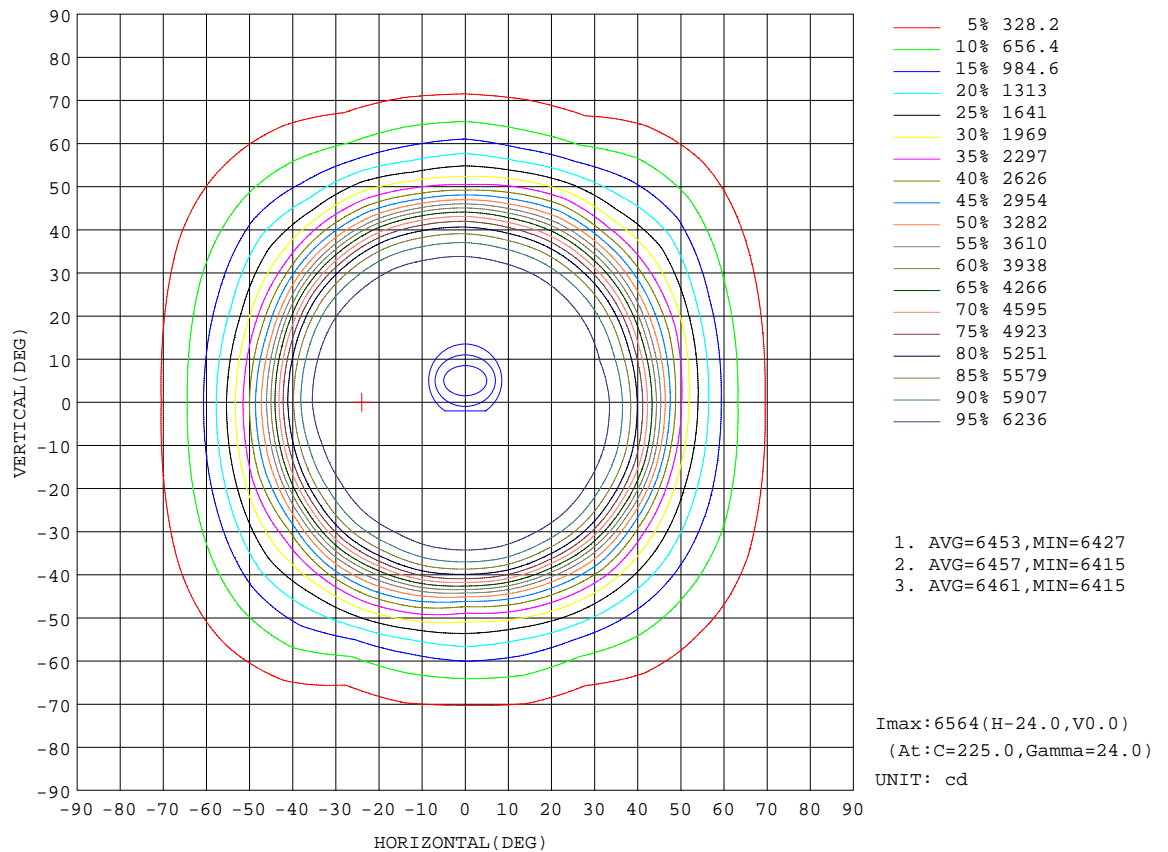
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	53	68	59	53	67	58	53	48
0.80	79	69	64	78	69	63	76	68	63	57
1.00	87	78	72	86	77	72	84	78	72	66
1.25	93	85	80	92	84	79	89	83	78	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	96	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	106	104	105	103	101	92
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:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

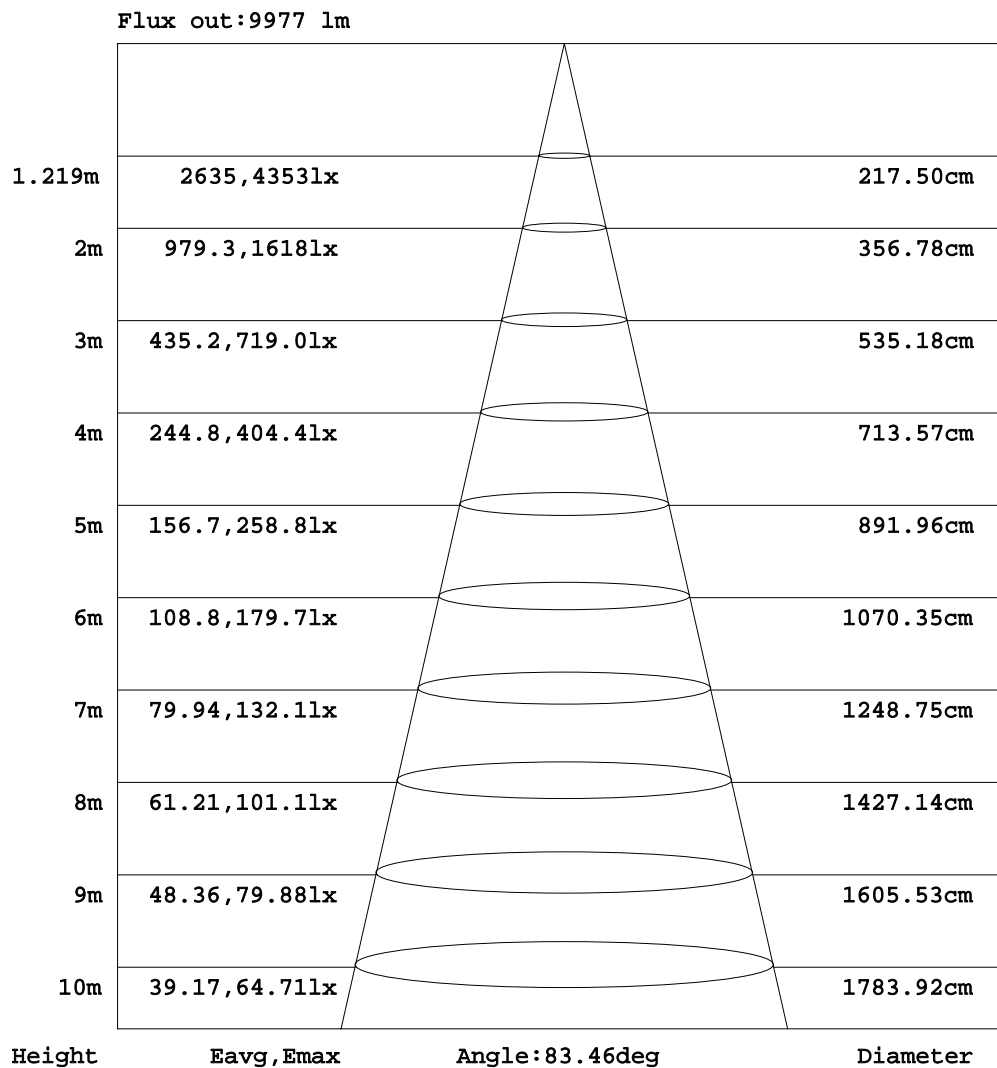


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



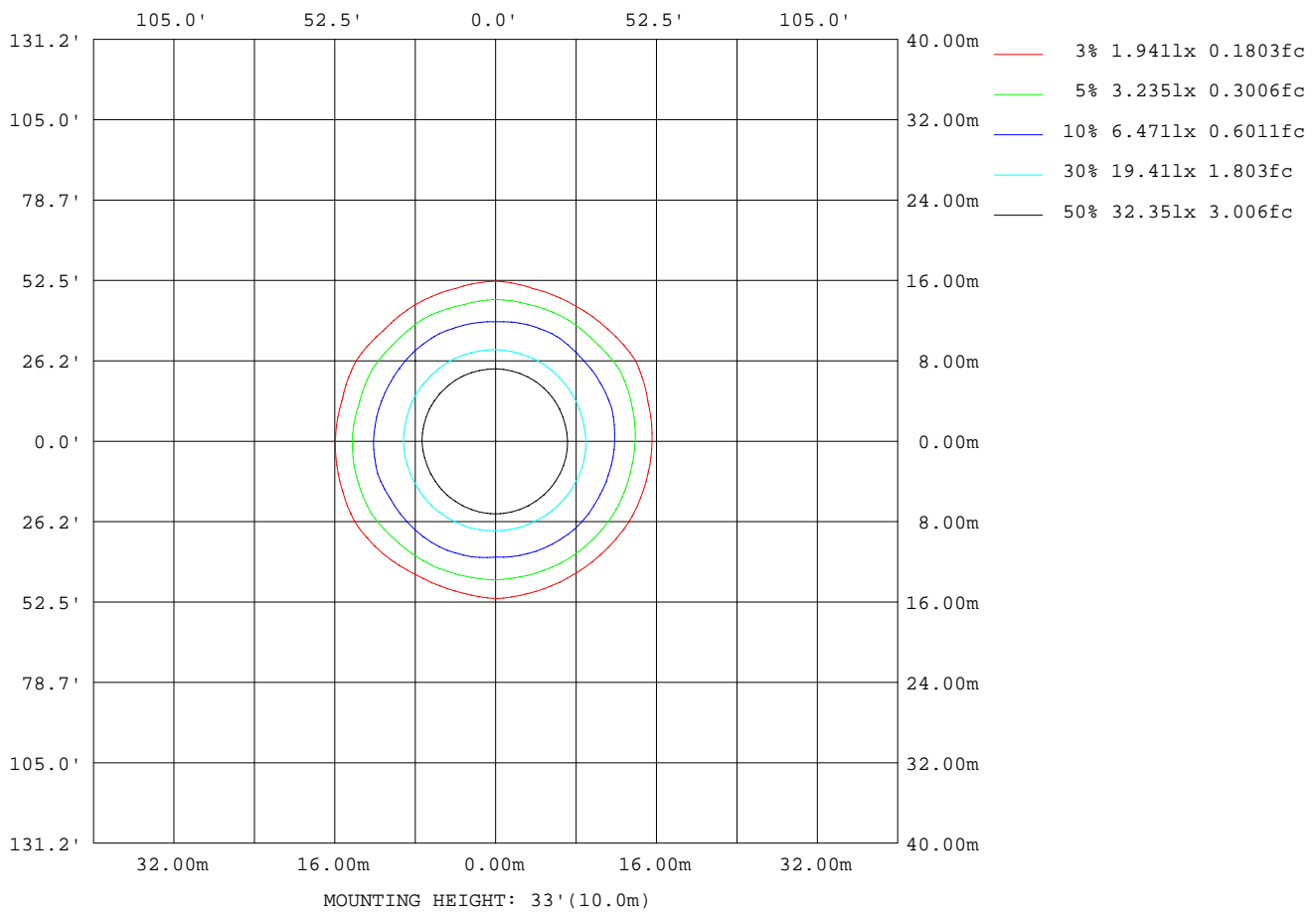
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

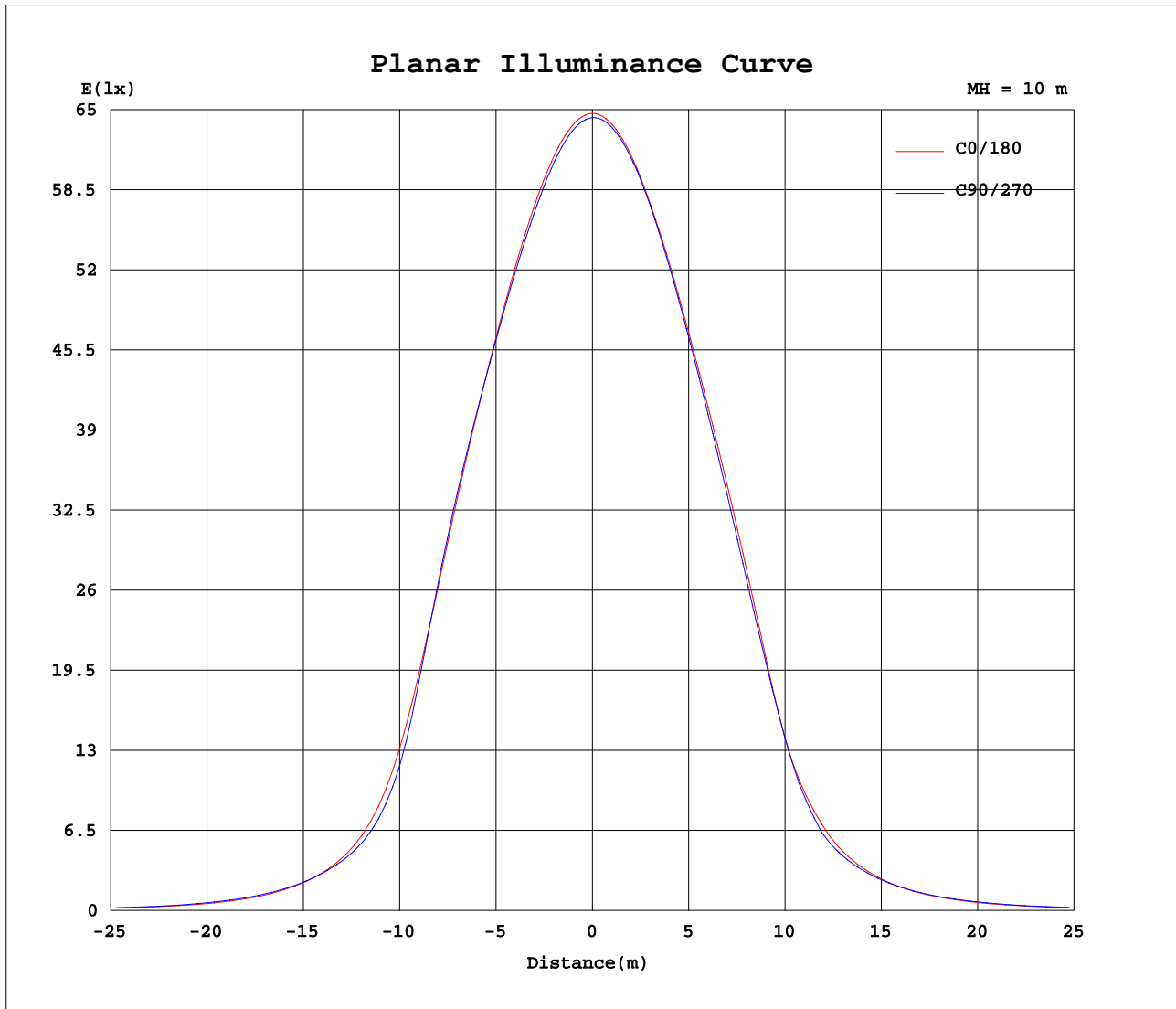
AvgL	cd/m2
L_0~180 (65) av	25029
L_0~180 (75) av	12079
L_0~180 (85) av	2240
L_90~270 (65) av	27423
L_90~270 (75) av	13410
L_90~270 (85) av	2120
L_45 (65) av	27428
L_45 (75) av	10951
L_45 (85) av	2408

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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: 2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439	6439
5	6442	6439	6435	6435	6434	6433	6433	6434	6437	6438	6442	6444	6446	6448	6450	6453	6454	6455	6455
10	6454	6448	6443	6438	6436	6435	6437	6438	6441	6447	6454	6459	6468	6472	6475	6478	6480	6481	6480
15	6476	6467	6460	6452	6450	6446	6448	6451	6458	6463	6475	6483	6493	6500	6505	6508	6511	6511	6508
20	6492	6485	6480	6472	6469	6467	6470	6473	6479	6485	6494	6504	6521	6527	6532	6532	6531	6530	6529
25	6483	6481	6477	6475	6475	6476	6479	6479	6483	6487	6497	6508	6531	6536	6538	6539	6535	6525	6520
30	6392	6399	6401	6417	6423	6434	6435	6440	6431	6432	6439	6455	6481	6483	6484	6468	6462	6440	6435
35	6064	6095	6092	6119	6129	6174	6176	6181	6156	6171	6170	6212	6250	6253	6257	6220	6207	6154	6138
40	5198	5263	5194	5201	5158	5241	5229	5311	5298	5371	5371	5460	5516	5523	5555	5510	5513	5429	5391
45	3702	3688	3486	3498	3402	3383	3321	3551	3667	3777	3737	3876	3937	3918	3998	3991	4062	3977	3958
50	2324	2241	2217	2283	2235	2192	2103	2303	2427	2434	2426	2645	2621	2521	2477	2538	2575	2456	2384
55	1484	1444	1461	1432	1434	1428	1489	1445	1496	1570	1728	1706	1687	1600	1673	1557	1636	1544	1619
60	916	947	924	901	862	958	991	921	870	1065	1141	1076	1048	1034	1091	990	976	1013	1079
65	538	589	552	561	499	603	596	574	492	676	697	663	612	657	650	623	561	635	663
70	308	341	316	327	280	350	340	341	277	395	405	394	346	390	375	373	326	381	391
75	158	168	152	131	137	175	172	175	139	163	199	207	181	202	195	173	171	200	205
80	63.9	64.0	44.2	54.6	44.8	69.5	69.6	64.9	49.3	62.2	62.8	81.8	81.1	83.8	64.2	63.8	61.6	77.6	89.3
85	7.02	6.50	6.84	7.83	6.70	6.46	7.99	7.61	9.57	12.3	11.3	11.7	14.2	12.3	12.8	14.8	15.1	11.8	12.1
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:2024-10-24

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:0.3772A P:79.68W PF:0.9634 Freq:50.01Hz Lamp Flux:14420.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-90D-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	6439	6439	6439	6439	6439														
5	6454	6452	6451	6448	6445														
10	6478	6474	6470	6465	6460														
15	6506	6500	6496	6490	6483														
20	6526	6520	6514	6506	6497														
25	6515	6513	6506	6494	6481														
30	6419	6420	6405	6404	6386														
35	6100	6102	6075	6074	6048														
40	5305	5300	5223	5206	5166														
45	3862	3873	3733	3681	3657														
50	2508	2585	2406	2428	2501														
55	1557	1594	1559	1692	1573														
60	958	936	1045	1114	971														
65	589	528	659	673	586														
70	357	302	380	385	343														
75	189	156	149	183	174														
80	74.4	57.6	59.2	59.3	65.8														
85	11.1	12.0	10.7	9.33	6.55														
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:2024-10-24

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: