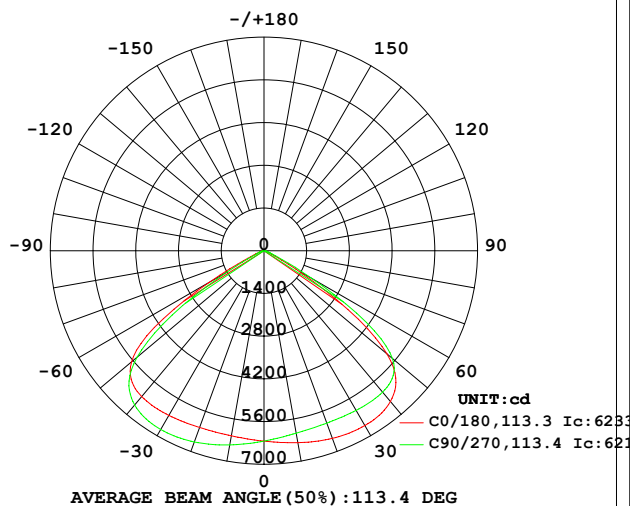


LUMINAIRE PHOTOMETRIC TEST REPORT

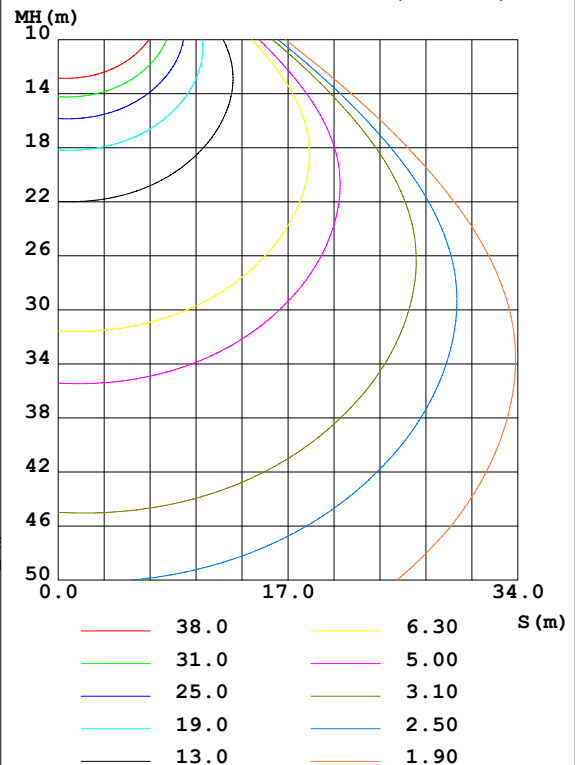
Test:U:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 180.41 lm/W			
MODEL	2835	I _{max} (cd)	6792	S/MH (C0/180)	1.54
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.62
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18096	η UP,DN (C0-180)	0.0,49.5
NOMINAL FLUX (lm)	18096.4	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.75

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	6387	6221	6071	6034	6158	6327	6460	6482	0- 10	596.9	596.9	3.3,3.3
20	6544	6273	6011	5949	6165	6461	6669	6695	10- 20	1788	2385	13.2,13.2
30	6612	6335	6041	5963	6232	6560	6764	6765	20- 30	2955	5340	29.5,29.5
40	6448	6272	6048	5995	6237	6489	6594	6535	30- 40	4014	9354	51.7,51.7
50	5260	5433	5495	5642	5665	5610	5432	5178	40- 50	4664	14018	77.5,77.5
60	1212	1511	1796	2261	2087	1729	1381	1181	50- 60	3332	17350	95.9,95.9
70	165.4	189.5	225.6	283.3	250.2	206.0	183.8	167.7	60- 70	604.8	17955	99.2,99.2
80	39.79	43.66	57.84	67.62	68.37	53.61	52.39	38.27	70- 80	123.5	18079	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	17.76	18096	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18096	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18096	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18096	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18096	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18096	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18096	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18096	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18096	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18096	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 11661 lm

%lum = 64.4%

%lamp = 64.4%

Conical surface Flux(120deg): 17350 lm

%lum = 95.9%

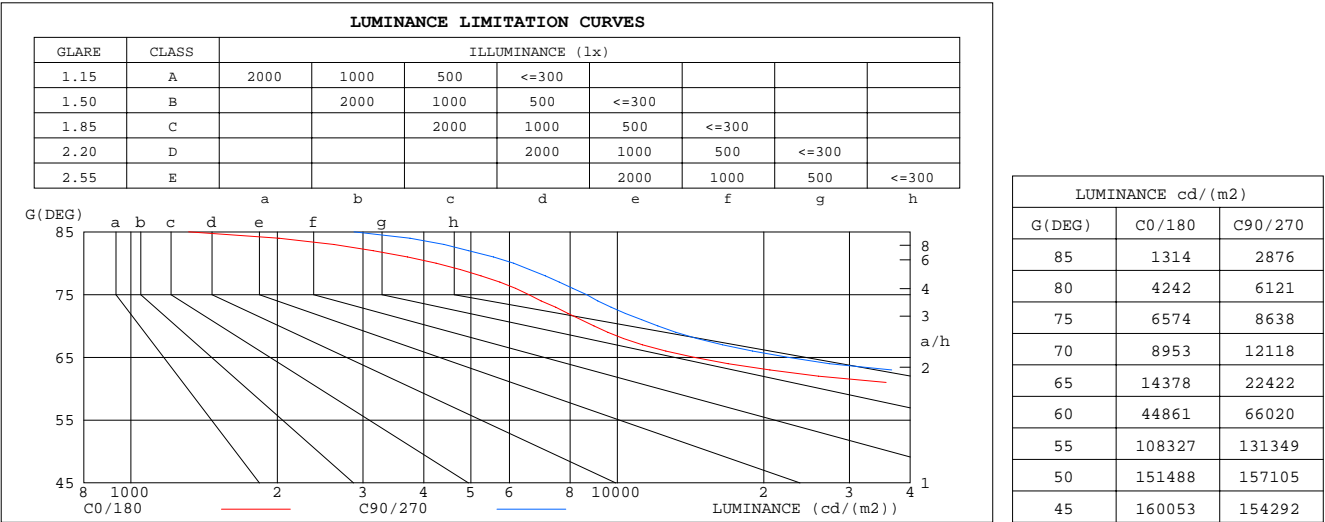
%lamp = 95.9%

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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:



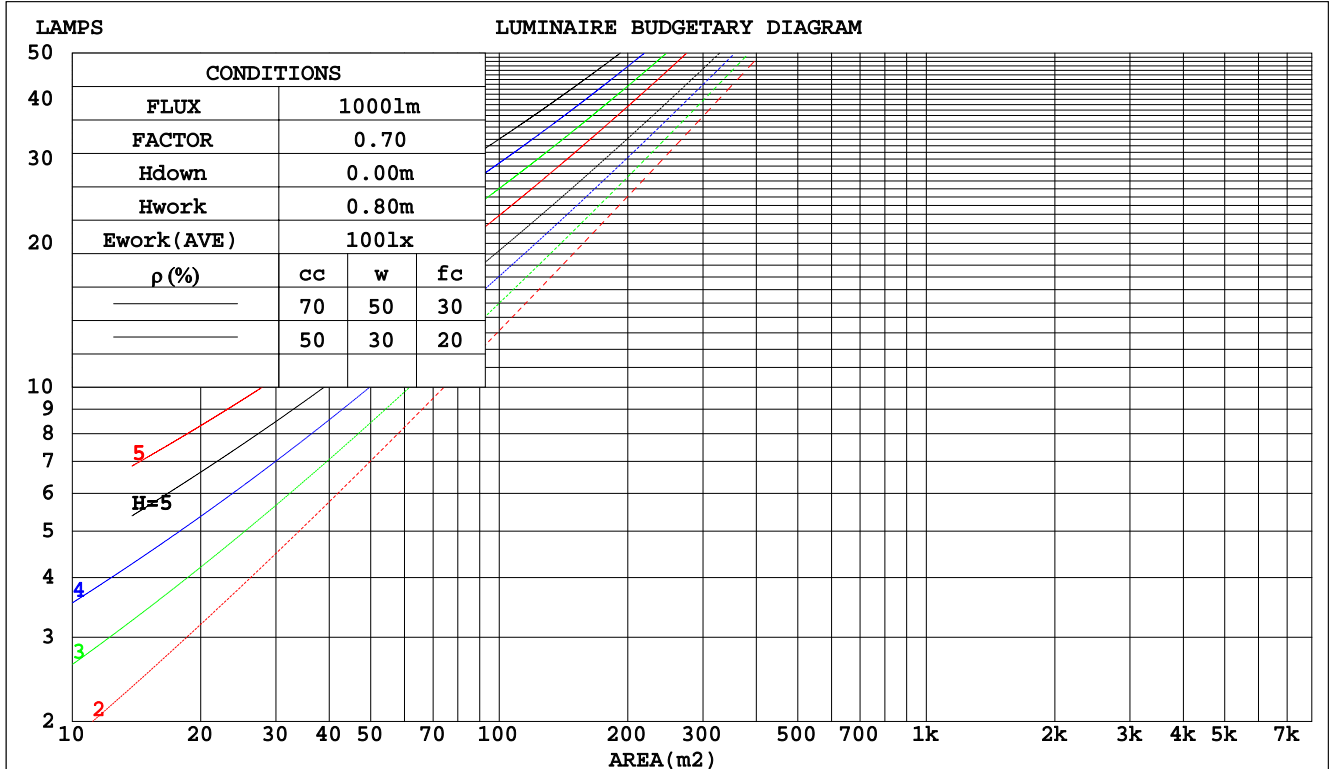
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.84	.81	.84	.81	.79	.77
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.68	.66
4.0	.76	.68	.62	.75	.68	.62	.73	.66	.61	.70	.65	.60	.68	.63	.60	.58
5.0	.68	.60	.54	.67	.60	.54	.65	.58	.53	.63	.57	.53	.61	.56	.52	.50
6.0	.61	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.47	.42	.55	.47	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.42	.37	.49	.42	.37	.47	.41	.36	.46	.41	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-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	.243	.138	.044	.236	.135	.043	.223	.128	.041	.211	.122	.039	.201	.116	.037		
2.0	.241	.132	.040	.235	.129	.040	.224	.124	.039	.213	.120	.037	.204	.115	.036		
3.0	.232	.123	.037	.227	.121	.037	.217	.117	.036	.208	.114	.035	.199	.110	.034		
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.192	.104	.032		
5.0	.209	.106	.031	.205	.105	.031	.197	.103	.030	.190	.100	.030	.183	.098	.029		
6.0	.197	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.028	.174	.092	.027		
7.0	.186	.092	.026	.183	.091	.026	.177	.089	.026	.171	.088	.026	.166	.086	.025		
8.0	.176	.086	.024	.173	.085	.024	.168	.084	.024	.162	.082	.024	.157	.081	.024		
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022		
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.147	.073	.021	.142	.072	.021		

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	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.092	.068	.048	.053	.040	.029	.017	.013	.009	
4.0	.150	.100	.063	.129	.087	.054	.088	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.074	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.009	.013	.007	.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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-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	29.0	30.4	29.2	30.6	30.8	29.4	30.8	29.6	31.0	31.2
3H	28.8	30.1	29.1	30.3	30.5	29.2	30.5	29.5	30.7	30.9
4H	28.7	29.9	29.0	30.1	30.4	29.1	30.3	29.4	30.6	30.8
6H	28.6	29.7	28.9	30.0	30.3	29.0	30.2	29.4	30.4	30.7
8H	28.6	29.6	28.9	29.9	30.2	29.0	30.1	29.3	30.3	30.6
12H	28.5	29.5	28.9	29.8	30.1	28.9	30.0	29.3	30.3	30.5
4H 2H	28.9	30.1	29.2	30.3	30.6	29.3	30.5	29.6	30.7	31.0
3H	28.7	29.8	29.1	30.1	30.4	29.1	30.2	29.5	30.4	30.7
4H	28.7	29.6	29.0	29.9	30.2	29.1	30.0	29.4	30.3	30.6
6H	28.6	29.4	29.0	29.7	30.1	29.0	29.8	29.4	30.1	30.5
8H	28.5	29.3	28.9	29.6	30.0	28.9	29.7	29.3	30.0	30.4
12H	28.5	29.2	28.9	29.6	30.0	28.9	29.6	29.3	30.0	30.4
8H 4H	28.5	29.3	28.9	29.6	30.0	28.9	29.7	29.3	30.0	30.4
6H	28.5	29.1	28.9	29.5	29.9	28.9	29.5	29.3	29.9	30.3
8H	28.4	29.0	28.9	29.4	29.8	28.8	29.4	29.3	29.8	30.2
12H	28.4	28.8	28.9	29.3	29.8	28.8	29.2	29.3	29.7	30.2
12H 4H	28.5	29.2	28.9	29.6	30.0	28.9	29.6	29.3	29.9	30.3
6H	28.4	29.0	28.9	29.4	29.8	28.8	29.3	29.3	29.8	30.2
8H	28.4	28.8	28.9	29.3	29.8	28.8	29.2	29.3	29.7	30.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.7					+ 0.5 / - 0.7				
1.5H	+ 0.9 / - 1.9					+ 0.9 / - 2.6				
2.0H	+ 2.8 / - 9.5					+ 2.7 / - 8.7				

CIE Pub.117, 18096 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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

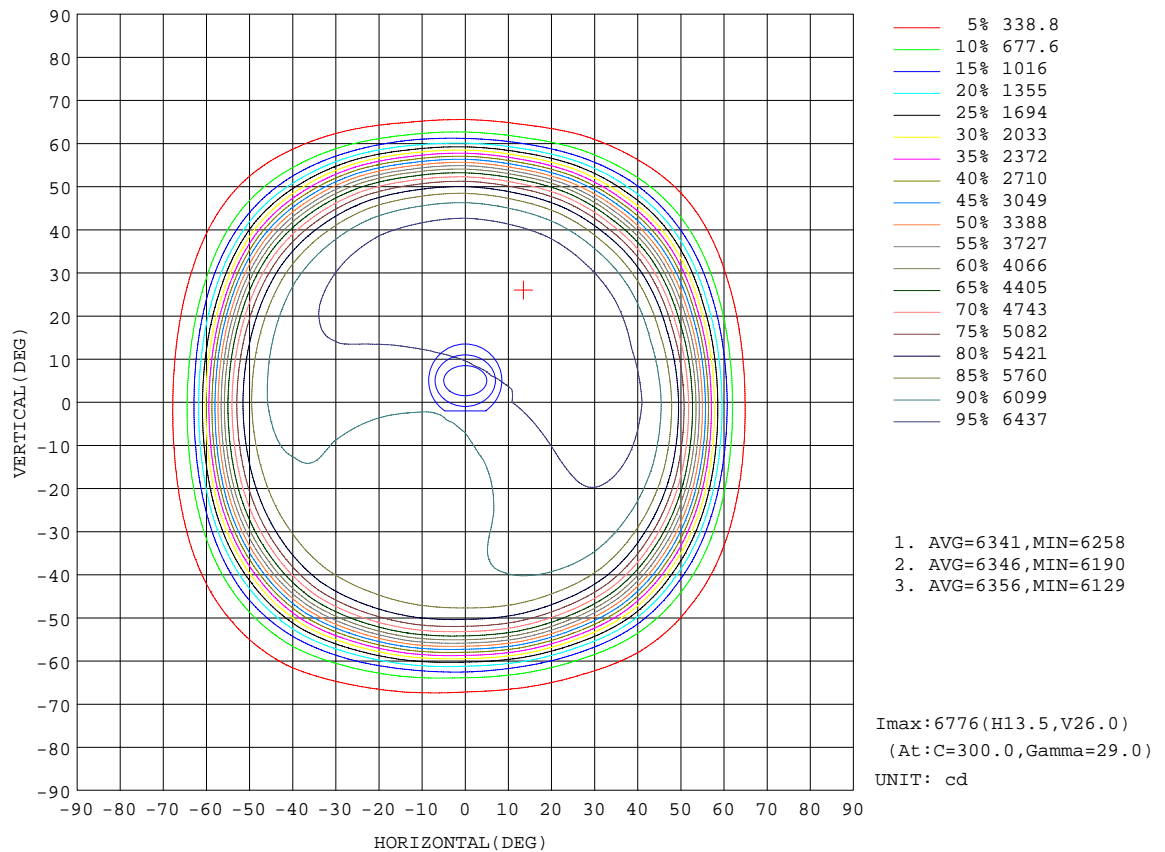
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	49	42	59	48	42	58	48	42	35
0.80	72	61	54	71	60	54	69	60	53	47
1.00	82	72	65	80	71	65	78	72	64	58
1.25	89	80	74	88	79	74	85	78	73	66
1.50	94	86	80	92	85	79	90	83	78	72
2.00	100	93	88	99	92	87	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	104	100	107	103	99	103	99	96	88
5.00	111	107	103	108	105	102	104	101	98	90
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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

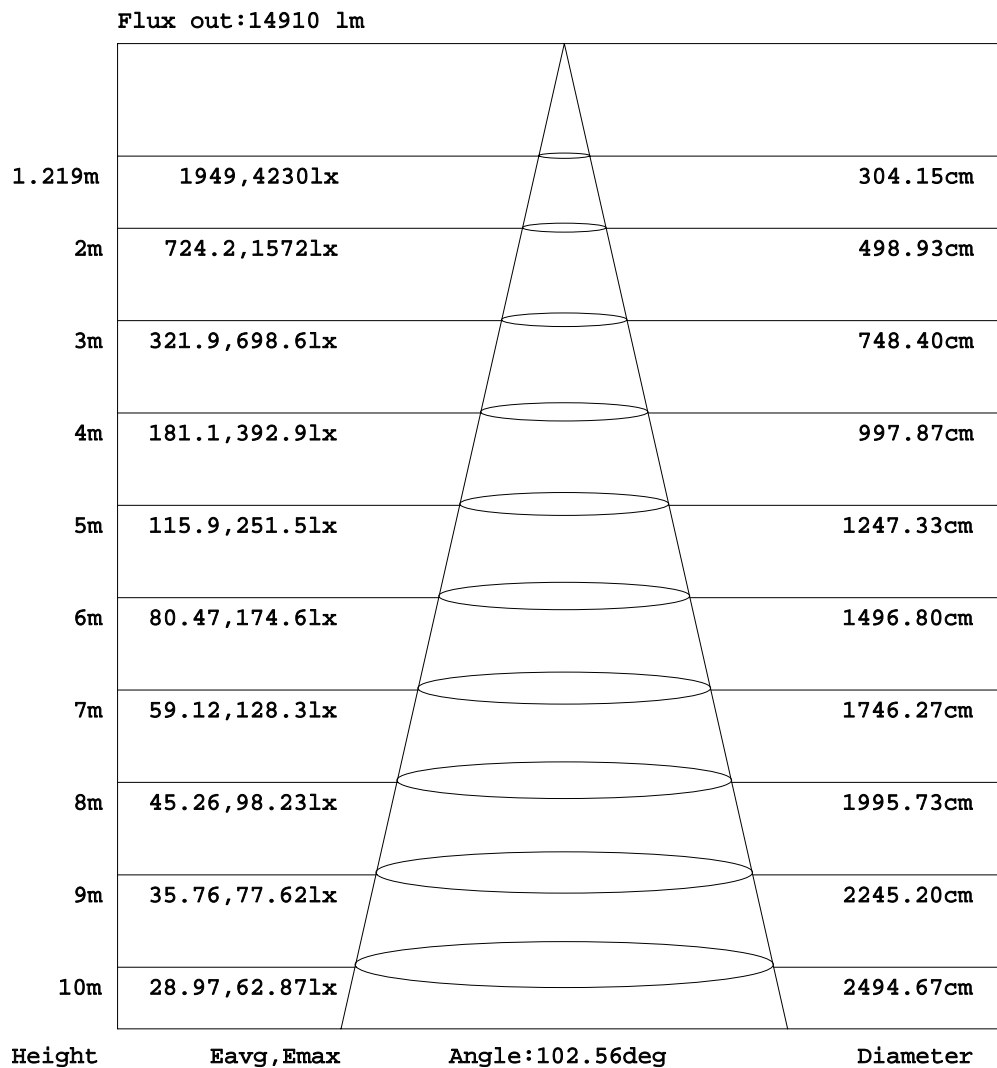


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



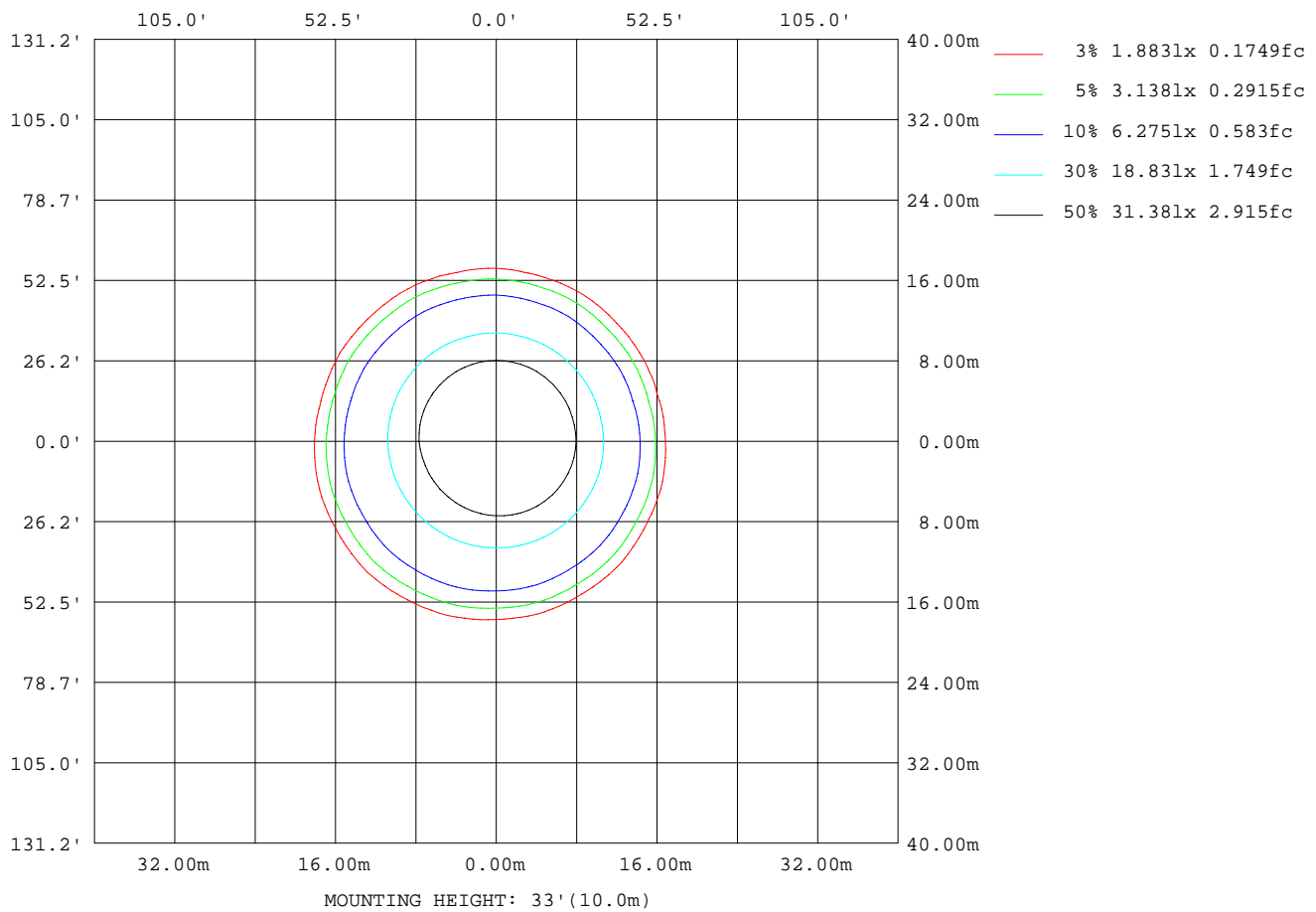
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

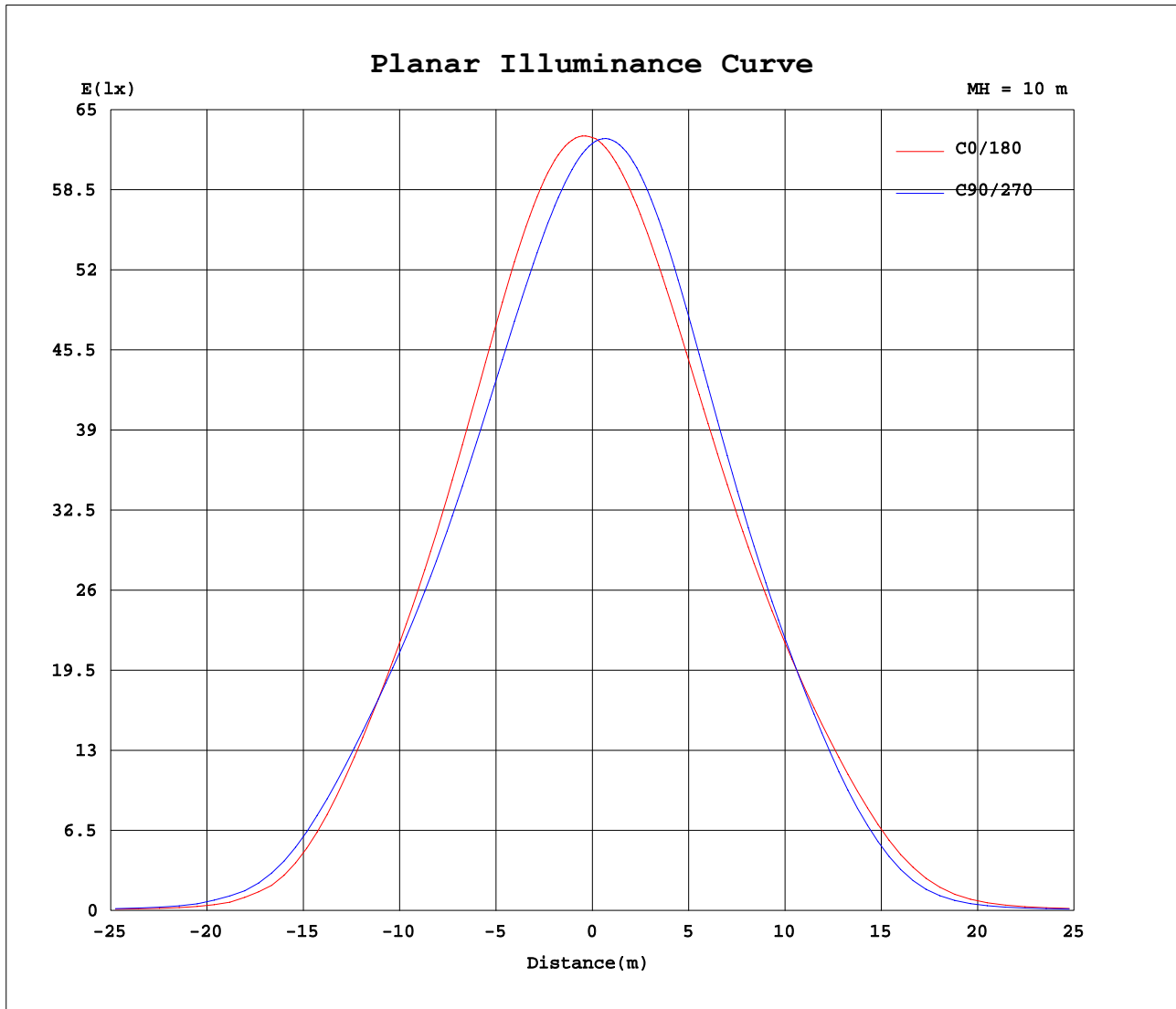
AvgL	cd/m2
L_0~180 (65) av	19959
L_0~180 (75) av	7997
L_0~180 (85) av	2762
L_90~270 (65) av	19405
L_90~270 (75) av	8162
L_90~270 (85) av	2795
L_45 (65) av	20530
L_45 (75) av	8028
L_45 (85) av	2800

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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-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	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238	6238
5	6306	6280	6252	6220	6190	6171	6144	6128	6123	6126	6138	6158	6191	6214	6245	6275	6303	6327	6346
10	6387	6336	6281	6221	6166	6120	6071	6041	6029	6034	6061	6100	6158	6210	6268	6327	6380	6425	6460
15	6470	6400	6324	6240	6161	6087	6028	5985	5969	5977	6016	6070	6151	6235	6308	6392	6464	6527	6572
20	6544	6464	6372	6273	6177	6081	6011	5958	5941	5949	5995	6062	6165	6267	6362	6461	6546	6617	6669
25	6596	6513	6416	6309	6202	6098	6018	5958	5937	5945	5998	6077	6195	6312	6416	6521	6612	6684	6737
30	6612	6534	6440	6335	6229	6122	6041	5976	5954	5963	6029	6106	6232	6352	6457	6560	6647	6715	6764
35	6582	6511	6427	6336	6237	6137	6059	6000	5978	5987	6055	6131	6255	6362	6471	6561	6637	6691	6730
40	6448	6402	6337	6272	6192	6114	6048	5998	5983	5995	6057	6126	6237	6326	6419	6489	6547	6570	6594
45	6113	6113	6075	6060	6011	5977	5937	5918	5918	5938	5980	6042	6108	6173	6234	6257	6282	6259	6260
50	5260	5346	5352	5433	5430	5484	5495	5561	5596	5642	5647	5667	5665	5662	5676	5610	5582	5470	5432
55	3356	3531	3581	3792	3848	4045	4100	4280	4368	4504	4451	4505	4387	4282	4235	4064	3980	3730	3674
60	1212	1268	1309	1511	1562	1741	1796	1998	2085	2261	2182	2232	2087	1922	1912	1729	1652	1445	1381
65	328	352	362	415	428	487	516	594	630	691	649	646	588	528	514	456	432	379	375
70	165	170	174	190	196	212	226	254	260	283	263	261	250	226	218	206	199	186	184
75	91.9	93.2	92.7	101	103	114	122	128	132	141	136	136	133	126	121	117	113	108	108
80	39.8	38.9	35.8	43.7	42.8	51.8	57.8	60.9	58.4	67.6	63.8	67.9	68.4	62.2	55.4	53.6	53.0	50.9	52.4
85	6.19	5.53	6.37	8.72	8.40	10.3	13.6	11.0	14.4	21.9	19.2	17.6	20.0	13.4	12.8	16.0	14.3	10.3	12.8
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:219.3V I:0.4698A P:100.3W PF:0.9737 Freq:50.01Hz Lamp Flux:18096.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	6238	6238	6238	6238	6238													
5	6358	6360	6359	6347	6331													
10	6481	6488	6482	6470	6431													
15	6601	6610	6600	6580	6528													
20	6700	6709	6695	6672	6612													
25	6764	6773	6753	6728	6664													
30	6785	6791	6765	6740	6676													
35	6740	6741	6708	6689	6625													
40	6582	6578	6535	6523	6468													
45	6210	6198	6137	6141	6098													
50	5322	5297	5178	5217	5176													
55	3444	3405	3197	3241	3183													
60	1248	1246	1181	1131	1137													
65	345	349	324	325	311													
70	176	175	168	164	160													
75	101	98.8	92.7	90.3	88.3													
80	46.6	40.9	38.3	35.2	35.9													
85	7.60	8.07	6.43	6.19	4.56													
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: