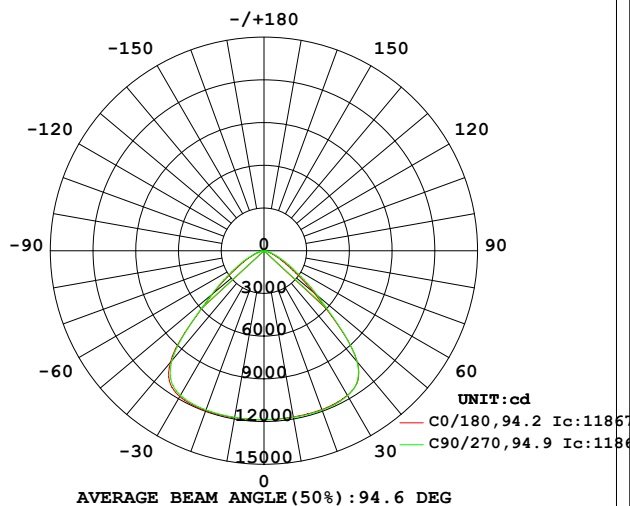


LUMINAIRE PHOTOMETRIC TEST REPORT

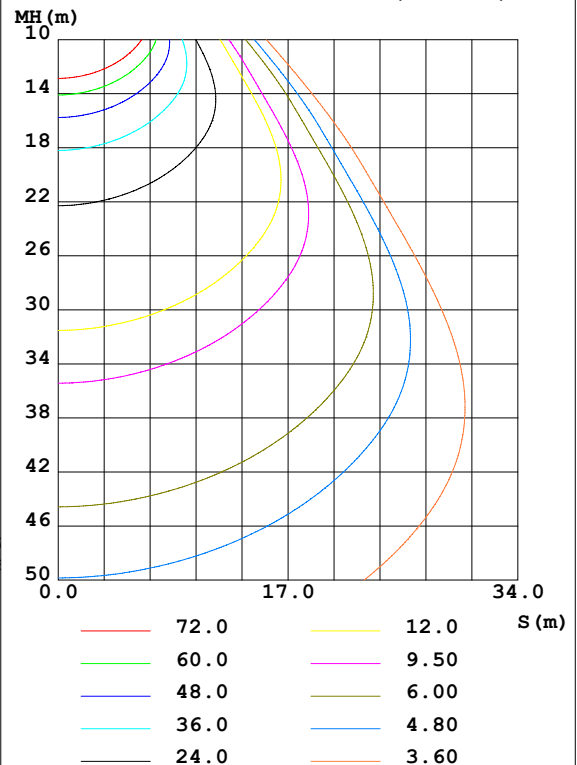
Test:U:219.2V I:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 179.16 lm/W			
MODEL	2835	I _{max} (cd)	11957	S/MH (C0/180)	1.37
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	26996	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX (lm)	26995.8	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.9
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:2024-8-23

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	1186	1186	1188	1190	1191	1190	1188	1186	0- 10	1133	1133	4.2,4.2
20	1187	1188	1191	1194	1195	1195	1190	1189	10- 20	3373	4506	16.7,16.7
30	1172	1173	1174	1181	1183	1182	1173	1177	20- 30	5493	9999	37,37
40	1020	1021	1016	1032	1024	1012	1005	1026	30- 40	7050	17049	63.2,63.2
50	458.4	482.9	493.5	464.6	469.2	465.6	482.7	446.7	40- 50	5672	22722	84.2,84.2
60	164.0	172.0	201.2	197.2	182.0	173.3	208.3	183.3	50- 60	2731	25452	94.3,94.3
70	57.53	50.35	70.84	64.70	68.18	52.70	73.40	59.81	60- 70	1162	26614	98.6,98.6
80	10.87	9.268	13.27	10.12	14.48	9.534	14.30	8.939	70- 80	350.7	26964	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	31.57	26996	100,100
100	0	0	0	0	0	0	0	0	90-100	0	26996	100,100
110	0	0	0	0	0	0	0	0	100-110	0	26996	100,100
120	0	0	0	0	0	0	0	0	110-120	0	26996	100,100
130	0	0	0	0	0	0	0	0	120-130	0	26996	100,100
140	0	0	0	0	0	0	0	0	130-140	0	26996	100,100
150	0	0	0	0	0	0	0	0	140-150	0	26996	100,100
160	0	0	0	0	0	0	0	0	150-160	0	26996	100,100
170	0	0	0	0	0	0	0	0	160-170	0	26996	100,100
180	0	0	0	0	0	0	0	0	170-180	0	26996	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 20344 lm

%lum = 75.4%

%lamp = 75.4%

Conical surface Flux(120deg): 25452 lm

%lum = 94.3%

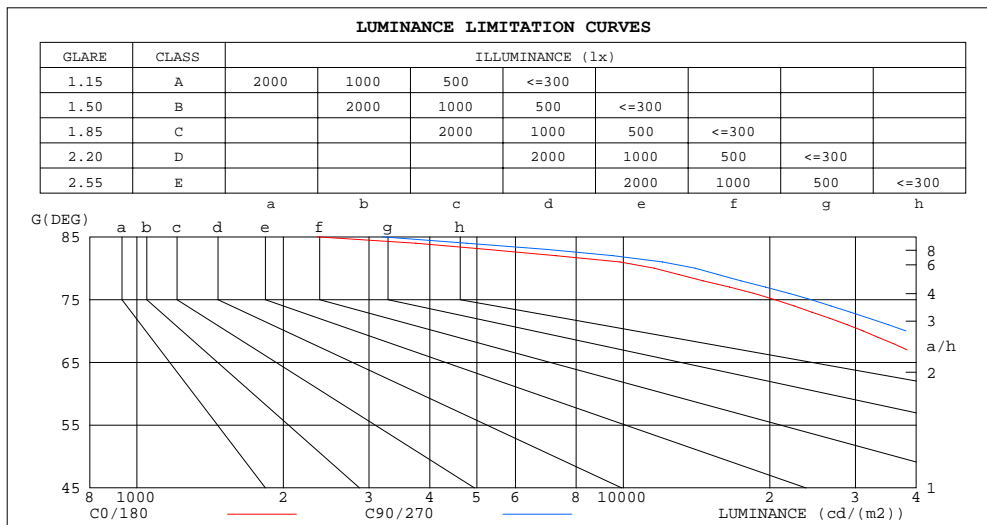
%lamp = 94.3%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



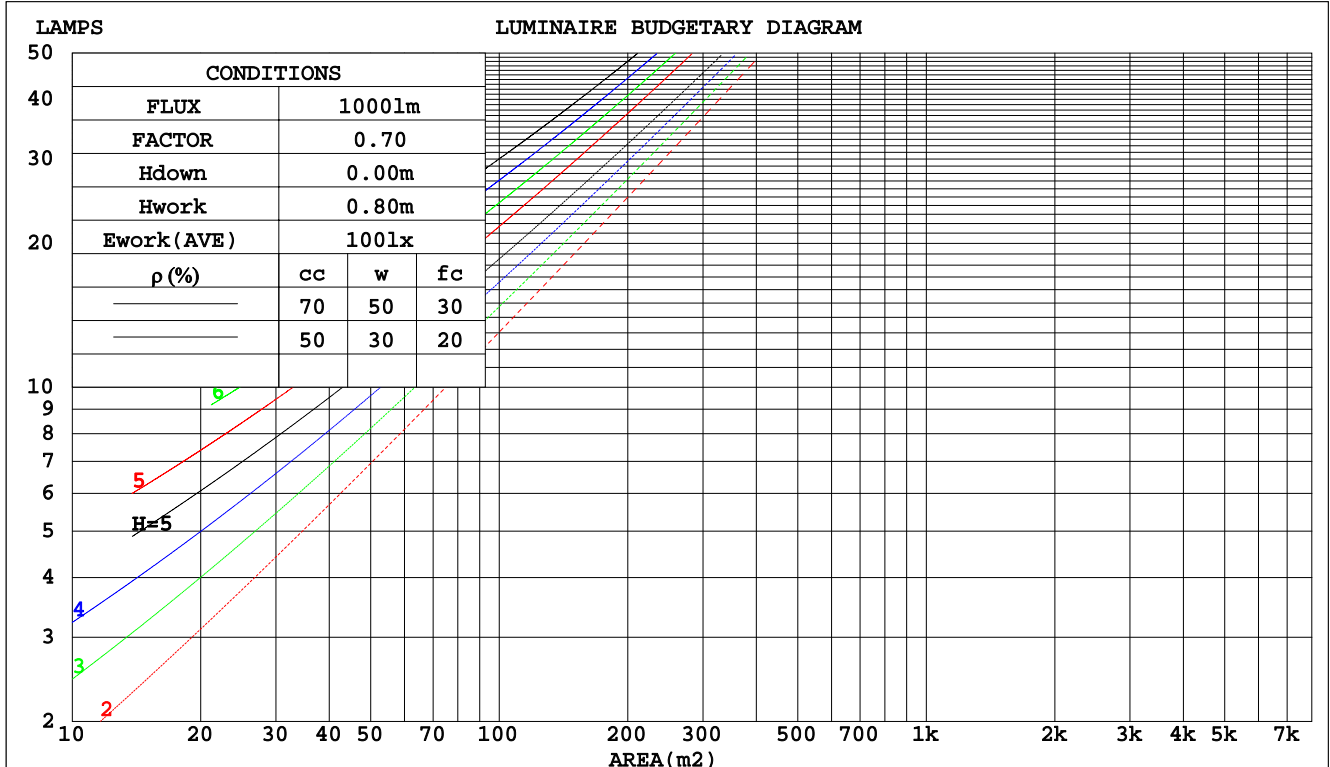
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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	1.00
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	.75	.86	.80	.75	.83	.78	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.71	.66	.78	.71	.65	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.71	.64	.58	.70	.63	.58	.68	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.51	.62	.56	.51	.61	.55	.51	.59	.54	.50	.48
7.0	.59	.52	.46	.59	.51	.46	.57	.51	.46	.56	.50	.45	.55	.49	.45	.43
8.0	.55	.47	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.50	.45	.41	.39
9.0	.50	.43	.38	.50	.42	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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	.234	.133	.042	.227	.129	.041	.214	.123	.039	.202	.117	.037	.191	.111	.036		
2.0	.229	.125	.038	.223	.123	.038	.212	.118	.037	.201	.113	.035	.192	.109	.034		
3.0	.219	.116	.035	.214	.114	.034	.204	.111	.034	.195	.107	.033	.187	.103	.032		
4.0	.208	.108	.032	.203	.106	.031	.195	.103	.031	.187	.100	.030	.179	.097	.030		
5.0	.197	.100	.029	.193	.099	.029	.185	.096	.028	.178	.094	.028	.171	.092	.028		
6.0	.186	.093	.027	.182	.092	.027	.176	.090	.026	.169	.088	.026	.163	.086	.026		
7.0	.176	.087	.025	.173	.086	.025	.167	.084	.024	.161	.083	.024	.156	.081	.024		
8.0	.167	.081	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	.148	.076	.022		
9.0	.158	.076	.021	.156	.076	.021	.151	.074	.021	.146	.073	.021	.142	.072	.021		
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.020		

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	.155	.114	.082	.133	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010	
4.0	.147	.100	.064	.126	.086	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.045	.083	.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	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.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:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-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	28.4	29.7	28.6	29.9	30.1	28.7	30.0	28.9	30.1	30.3
3H	28.5	29.7	28.8	29.9	30.1	28.8	30.0	29.1	30.2	30.4
4H	28.5	29.6	28.8	29.8	30.1	28.8	29.9	29.1	30.2	30.4
6H	28.4	29.4	28.7	29.7	30.0	28.7	29.8	29.1	30.0	30.3
8H	28.3	29.3	28.7	29.6	29.9	28.7	29.7	29.0	30.0	30.2
12H	28.3	29.3	28.6	29.5	29.8	28.6	29.6	29.0	29.9	30.2
4H 2H	28.4	29.5	28.7	29.7	30.0	28.6	29.7	28.9	30.0	30.2
3H	28.5	29.5	28.9	29.8	30.1	28.8	29.8	29.2	30.1	30.4
4H	28.5	29.4	28.9	29.7	30.0	28.9	29.7	29.2	30.0	30.4
6H	28.5	29.3	28.9	29.6	30.0	28.8	29.6	29.2	29.9	30.3
8H	28.5	29.2	28.9	29.5	29.9	28.8	29.5	29.2	29.8	30.2
12H	28.4	29.1	28.8	29.4	29.8	28.7	29.4	29.1	29.8	30.1
8H 4H	28.5	29.2	28.9	29.5	29.9	28.8	29.5	29.2	29.8	30.2
6H	28.4	29.0	28.9	29.4	29.8	28.7	29.3	29.2	29.7	30.1
8H	28.4	28.9	28.8	29.3	29.8	28.7	29.2	29.1	29.6	30.1
12H	28.3	28.8	28.8	29.2	29.7	28.7	29.1	29.1	29.5	30.0
12H 4H	28.4	29.1	28.8	29.4	29.8	28.7	29.4	29.1	29.7	30.1
6H	28.4	28.9	28.8	29.3	29.7	28.7	29.2	29.1	29.6	30.1
8H	28.3	28.8	28.8	29.2	29.7	28.7	29.1	29.1	29.5	30.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.6					+ 1.6 / - 2.2				
1.5H	+ 1.4 / - 2.0					+ 1.2 / - 1.8				
2.0H	+ 3.2 / - 2.9					+ 3.0 / - 3.1				

CIE Pub.117, 26996 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.5$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

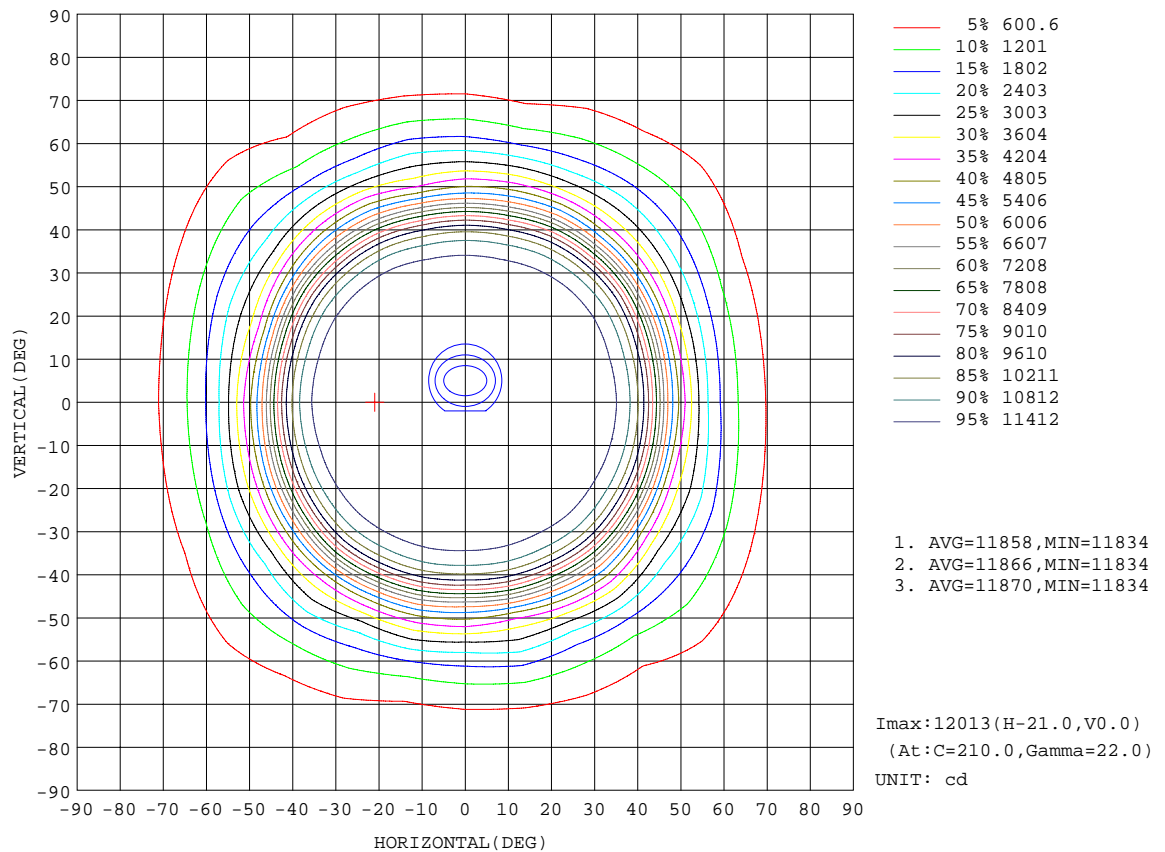
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	52	67	58	52	66	58	52	47
0.80	78	69	63	77	68	63	76	68	62	57
1.00	86	78	72	85	77	72	83	78	71	65
1.25	93	85	79	91	84	79	89	83	78	72
1.50	97	89	84	95	89	84	93	87	83	77
2.00	102	96	91	100	95	90	97	93	89	82
2.50	105	99	95	103	98	94	100	95	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:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

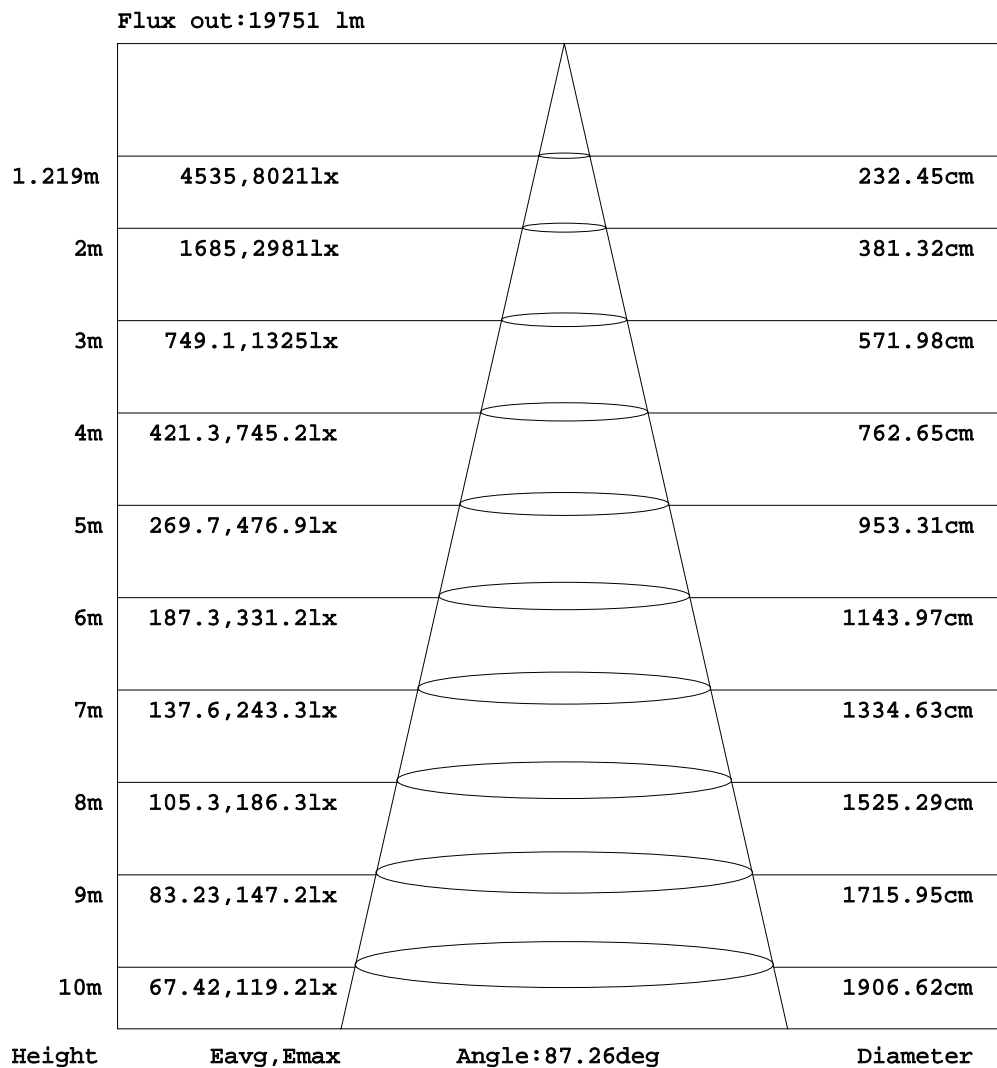


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



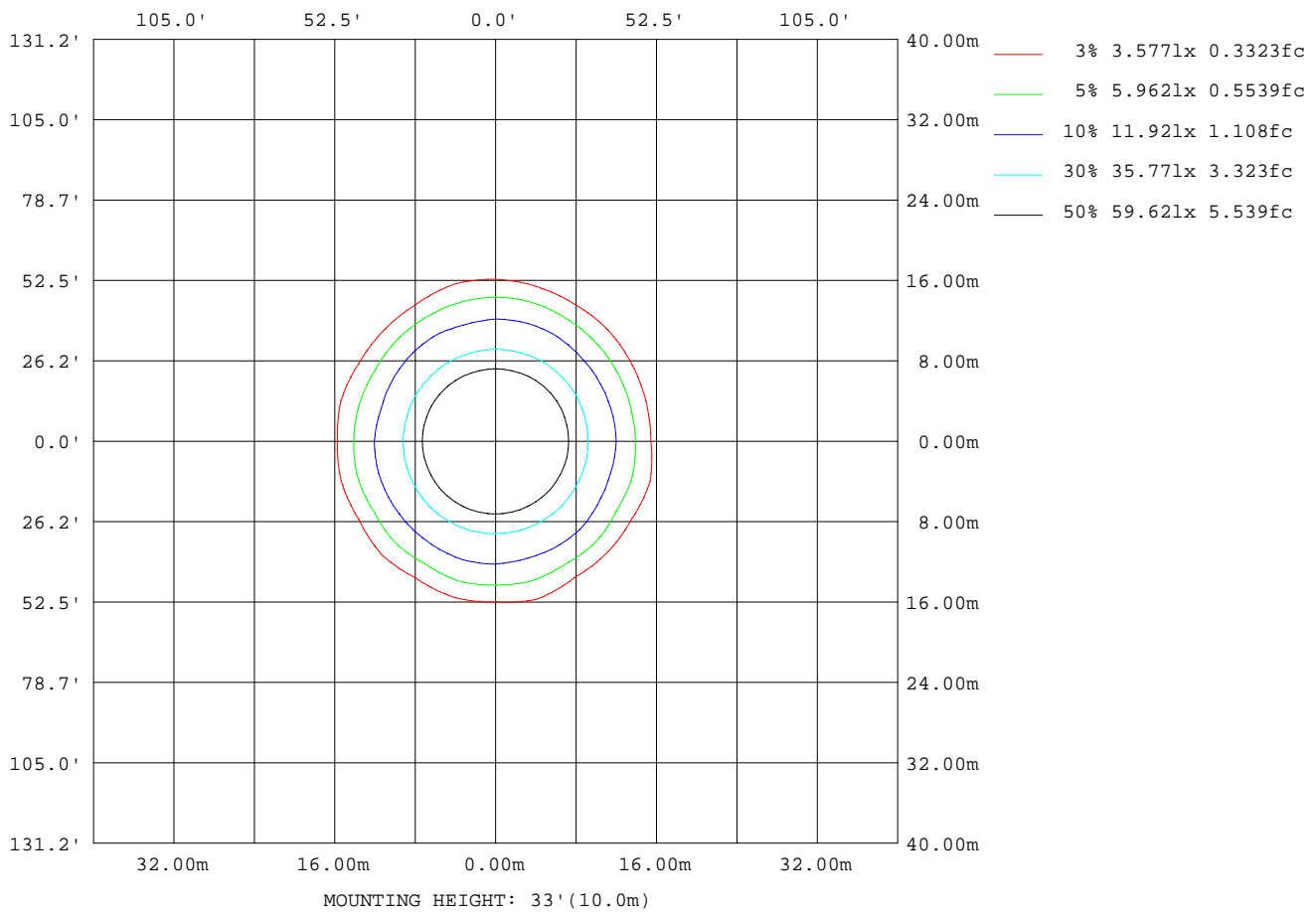
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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:2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

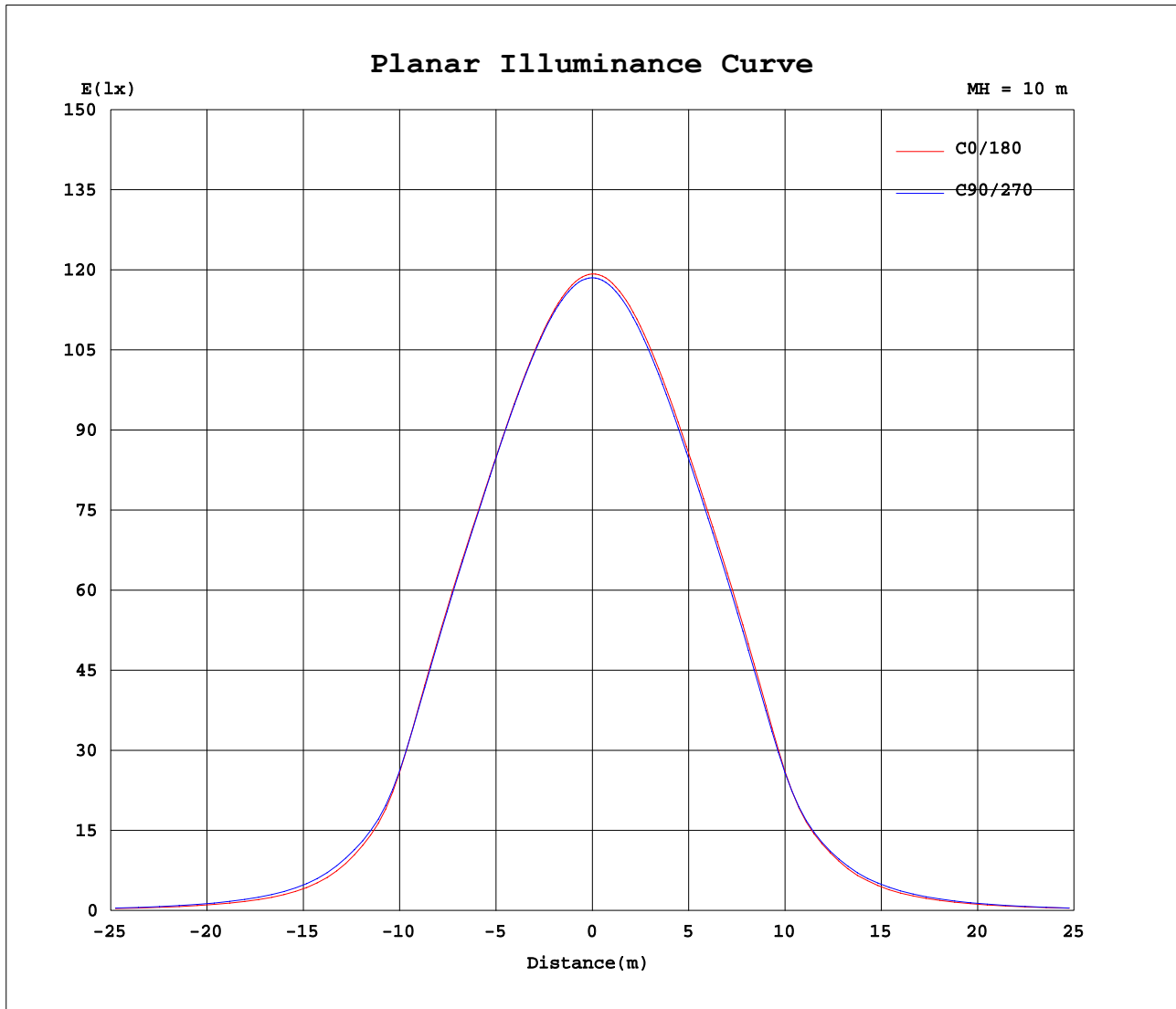
AvgL	cd/m2
L_0~180 (65) av	46388
L_0~180 (75) av	22806
L_0~180 (85) av	3412
L_90~270 (65) av	55164
L_90~270 (75) av	24907
L_90~270 (85) av	3488
L_45 (65) av	45300
L_45 (75) av	17237
L_45 (85) av	3366

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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: 2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187
5	1186	1186	1186	1186	1186	1187	1187	1187	1188	1188	1188	1188	1188	1188	1188	1188	1188	1187	1187
10	1186	1186	1186	1186	1187	1188	1188	1189	1189	1190	1190	1190	1191	1191	1190	1190	1189	1188	1188
15	1186	1187	1187	1188	1188	1189	1190	1191	1192	1192	1193	1193	1193	1193	1193	1192	1192	1190	1189
20	1187	1187	1187	1188	1189	1190	1191	1192	1193	1194	1195	1195	1195	1195	1195	1195	1195	1192	1190
25	1184	1183	1184	1185	1186	1187	1189	1190	1191	1193	1193	1193	1193	1194	1194	1193	1193	1188	1186
30	1172	1172	1172	1173	1173	1174	1174	1177	1179	1181	1181	1182	1183	1183	1184	1182	1181	1175	1173
35	1137	1137	1134	1136	1134	1136	1135	1140	1141	1145	1143	1144	1145	1143	1146	1141	1139	1130	1130
40	1020	1022	1015	1021	1015	1021	1016	1025	1025	1032	1023	1024	1024	1016	1020	1012	1013	1001	1005
45	729	735	728	750	741	751	740	764	755	760	739	742	732	716	728	724	736	723	730
50	458	433	443	483	478	467	493	498	476	465	463	468	469	428	446	466	480	455	483
55	273	296	274	301	292	321	318	325	294	311	284	306	295	295	281	292	301	313	319
60	164	192	182	172	180	215	201	198	188	197	185	186	182	194	186	173	184	212	208
65	99.2	114	118	94.2	112	130	124	112	120	115	120	106	114	118	122	97.1	113	129	129
70	57.5	63.5	68.0	50.4	65.2	72.9	70.8	60.2	70.6	64.7	70.9	58.1	68.2	67.1	71.2	52.7	67.4	73.9	73.4
75	28.6	30.6	32.2	23.1	31.9	35.1	34.2	29.5	34.5	26.7	34.9	29.5	35.5	33.8	35.1	24.4	34.2	36.2	35.8
80	10.9	11.3	9.77	9.27	9.80	12.1	13.3	10.7	10.8	10.1	11.0	11.7	14.5	13.0	11.4	9.53	11.8	13.5	14.3
85	1.10	0.91	1.10	1.33	1.16	1.08	1.51	1.35	1.37	1.97	1.68	1.77	2.13	1.41	1.68	1.84	1.76	1.17	1.79
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: 2024-8-23

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:0.6978A P:150.7W PF:0.9850 Freq:50.01Hz Lamp Flux:26995.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	1187	1187	1187	1187	1187														
5	1187	1186	1186	1186	1186														
10	1187	1186	1186	1186	1186														
15	1188	1187	1188	1187	1187														
20	1189	1188	1189	1188	1188														
25	1185	1185	1187	1186	1185														
30	1172	1174	1177	1176	1175														
35	1131	1139	1143	1144	1140														
40	1007	1022	1026	1032	1024														
45	732	747	731	742	737														
50	485	477	447	441	443														
55	314	297	290	280	273														
60	190	184	183	178	166														
65	110	114	109	112	94.0														
70	58.9	66.4	59.8	64.4	50.6														
75	29.2	33.0	22.8	30.8	24.7														
80	11.0	10.2	8.94	9.56	8.69														
85	1.10	1.23	1.24	1.17	0.87														
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: 2024-8-23

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: