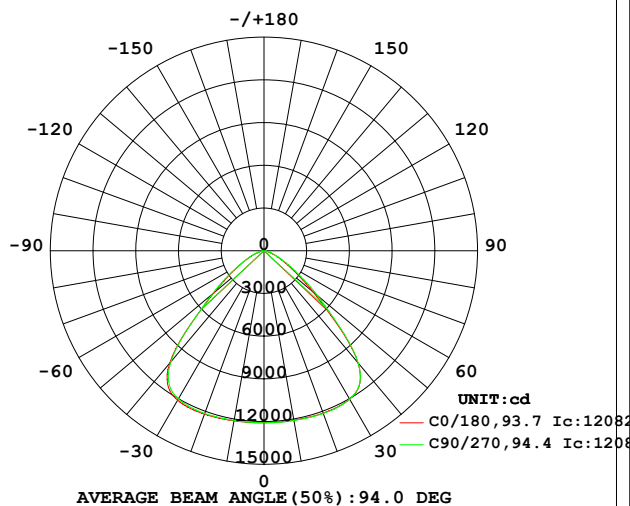


LUMINAIRE PHOTOMETRIC TEST REPORT

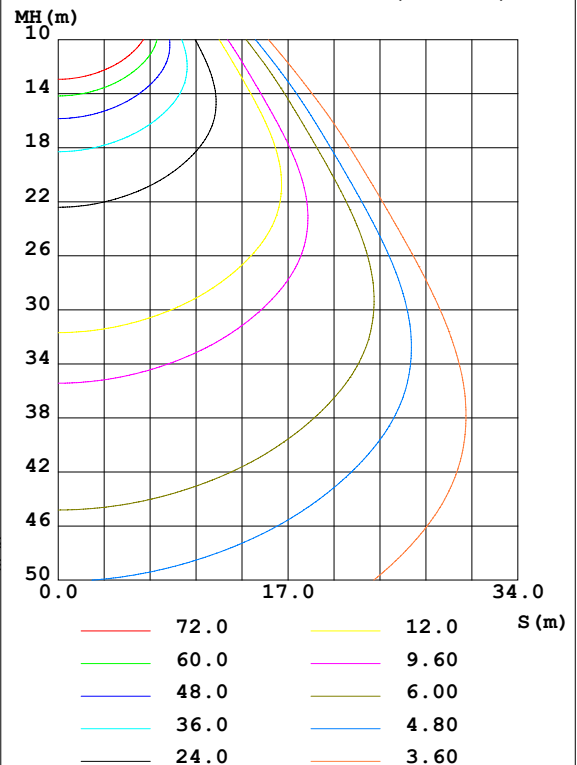
Test:U:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.42 lm/W			
MODEL	2835	I _{max} (cd)	12230	S/MH (C0/180)	1.36
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.36
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	27402	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	27401.5	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
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	1208	1209	1211	1212	1213	1212	1210	1209	0- 10	1154	1154	4.21,4.21
20	1214	1214	1216	1218	1221	1221	1216	1213	10- 20	3441	4595	16.8,16.8
30	1203	1202	1204	1208	1213	1209	1203	1202	20- 30	5619	10214	37.3,37.3
40	1028	1033	1030	1048	1031	1009	1017	1036	30- 40	7192	17406	63.5,63.5
50	451.0	484.5	492.5	474.6	459.8	463.3	477.3	447.5	40- 50	5666	23072	84.2,84.2
60	176.7	184.5	195.3	198.1	189.2	182.0	193.9	182.9	50- 60	2750	25822	94.2,94.2
70	62.67	59.50	67.94	68.70	70.42	60.66	68.91	61.36	60- 70	1181	27003	98.5,98.5
80	12.08	11.14	13.56	12.87	15.00	12.04	13.43	9.956	70- 80	365.1	27368	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	33.73	27402	100,100
100	0	0	0	0	0	0	0	0	90-100	0	27402	100,100
110	0	0	0	0	0	0	0	0	100-110	0	27402	100,100
120	0	0	0	0	0	0	0	0	110-120	0	27402	100,100
130	0	0	0	0	0	0	0	0	120-130	0	27402	100,100
140	0	0	0	0	0	0	0	0	130-140	0	27402	100,100
150	0	0	0	0	0	0	0	0	140-150	0	27402	100,100
160	0	0	0	0	0	0	0	0	150-160	0	27402	100,100
170	0	0	0	0	0	0	0	0	160-170	0	27402	100,100
180	0	0	0	0	0	0	0	0	170-180	0	27402	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 20703 lm

%lum = 75.6%

%lamp = 75.6%

Conical surface Flux(120deg): 25822 lm

%lum = 94.2%

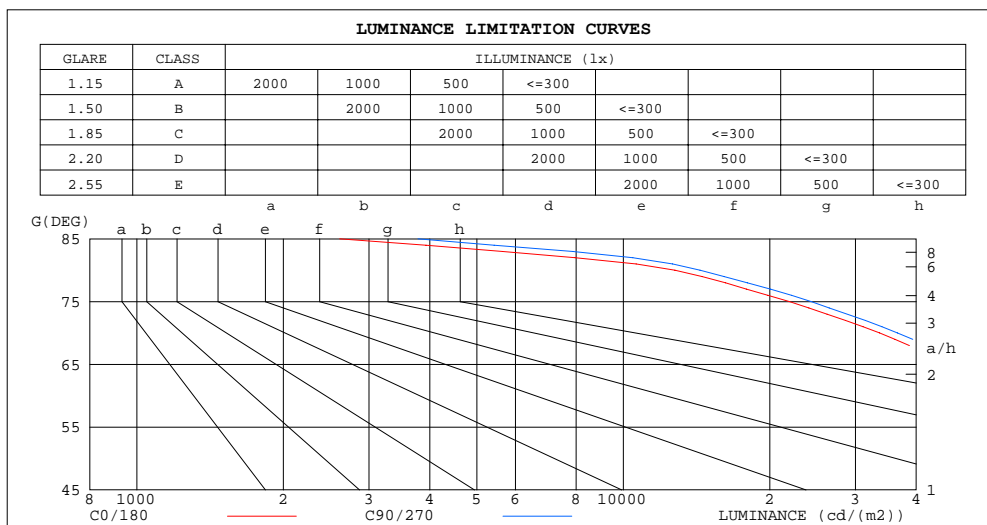
%lamp = 94.2%

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

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



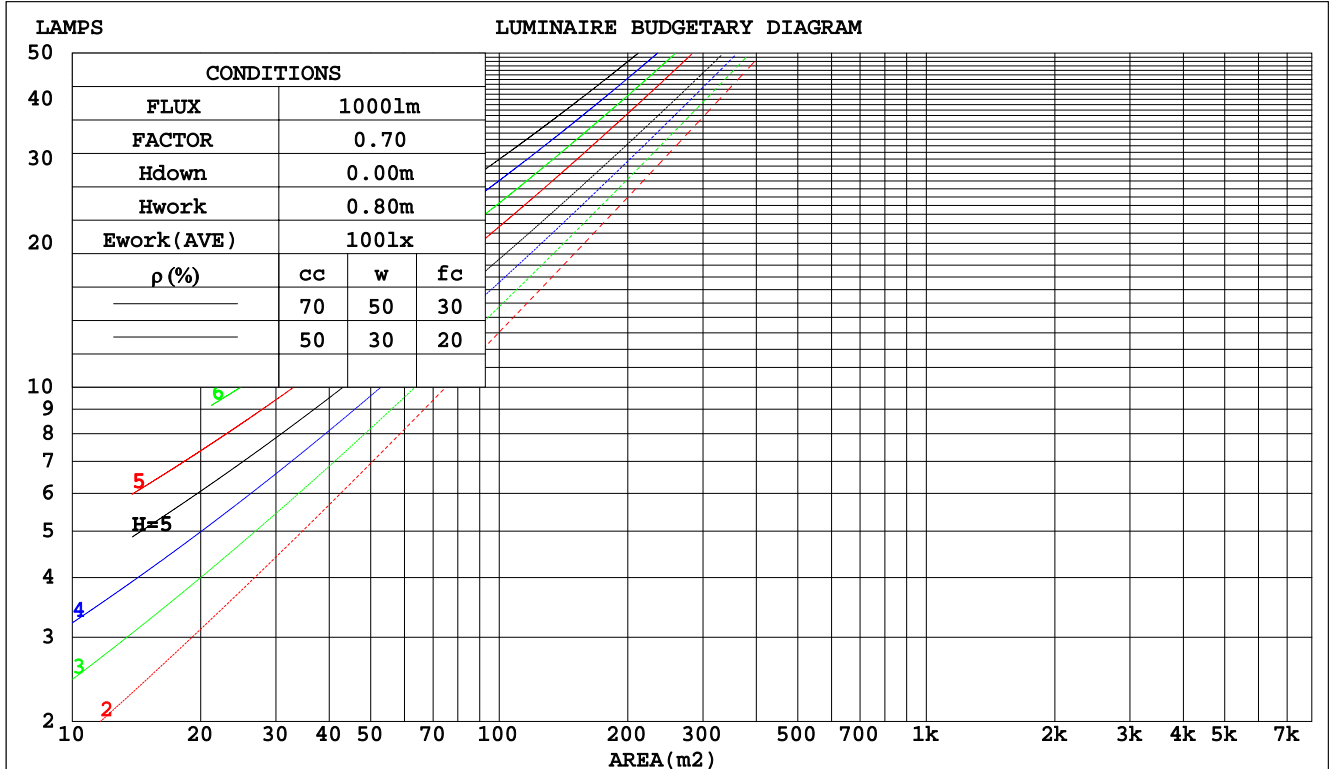
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-23

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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	.72	.66	.78	.71	.65	.75	.69	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.58	.70	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.51	.63	.56	.51	.61	.55	.51	.59	.54	.50	.48
7.0	.60	.52	.46	.59	.51	.46	.57	.51	.46	.56	.50	.46	.55	.49	.45	.43
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.41	.52	.46	.41	.50	.45	.41	.39
9.0	.50	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.37	.47	.41	.37	.35
10.0	.47	.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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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	.227	.129	.041	.214	.123	.039	.202	.116	.037	.191	.111	.036		
2.0	.229	.125	.038	.223	.123	.038	.212	.118	.037	.201	.113	.035	.192	.108	.034		
3.0	.219	.116	.035	.213	.114	.034	.204	.110	.034	.195	.107	.033	.186	.103	.032		
4.0	.208	.108	.032	.203	.106	.031	.194	.103	.031	.186	.100	.030	.179	.097	.030		
5.0	.196	.100	.029	.192	.099	.029	.185	.096	.028	.178	.094	.028	.171	.091	.027		
6.0	.186	.093	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	.163	.086	.026		
7.0	.176	.087	.025	.173	.086	.025	.167	.084	.024	.161	.082	.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	.155	.076	.021	.150	.074	.021	.146	.073	.021	.141	.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	.065	.126	.086	.056	.086	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.045	.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	.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	.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:2024-8-23

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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	30.1	30.4
6H	28.4	29.5	28.7	29.7	30.0	28.7	29.8	29.0	30.0	30.3
8H	28.4	29.4	28.7	29.6	29.9	28.7	29.7	29.0	30.0	30.2
12H	28.3	29.3	28.7	29.6	29.9	28.6	29.6	29.0	29.9	30.2
4H 2H	28.4	29.5	28.7	29.7	30.0	28.6	29.8	28.9	30.0	30.2
3H	28.6	29.5	28.9	29.8	30.1	28.9	29.8	29.2	30.1	30.4
4H	28.6	29.5	28.9	29.8	30.1	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	29.6	29.9	28.8	29.5	29.2	29.9	30.2
12H	28.5	29.1	28.9	29.5	29.9	28.8	29.4	29.2	29.8	30.2
8H 4H	28.5	29.2	28.9	29.6	29.9	28.8	29.5	29.2	29.8	30.2
6H	28.5	29.0	28.9	29.4	29.9	28.8	29.3	29.2	29.7	30.2
8H	28.4	28.9	28.9	29.4	29.8	28.7	29.2	29.2	29.6	30.1
12H	28.4	28.8	28.9	29.3	29.7	28.7	29.1	29.2	29.6	30.0
12H 4H	28.5	29.1	28.9	29.5	29.9	28.7	29.4	29.2	29.8	30.2
6H	28.4	28.9	28.9	29.4	29.8	28.7	29.2	29.2	29.6	30.1
8H	28.4	28.8	28.9	29.3	29.7	28.7	29.1	29.2	29.6	30.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 2.5					+ 1.5 / - 2.2				
1.5H	+ 1.4 / - 1.8					+ 1.3 / - 1.6				
2.0H	+ 3.1 / - 2.8					+ 2.9 / - 2.7				

CIE Pub.117, 27402 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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

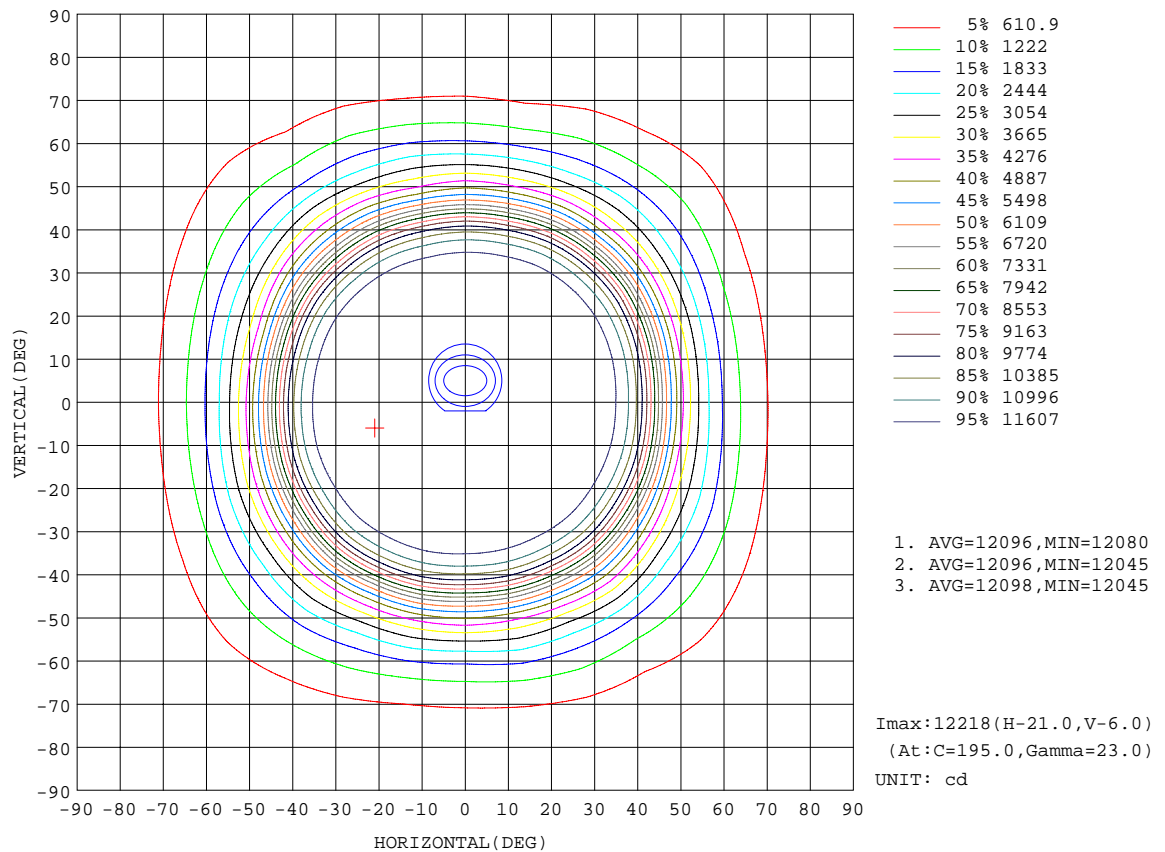
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	59	53	68	58	53	67	58	53	47
0.80	78	69	63	78	69	63	76	68	63	57
1.00	86	78	72	85	77	72	83	78	71	66
1.25	93	85	79	91	84	79	89	83	78	72
1.50	97	90	84	95	89	84	93	87	83	77
2.00	102	96	91	101	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
 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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

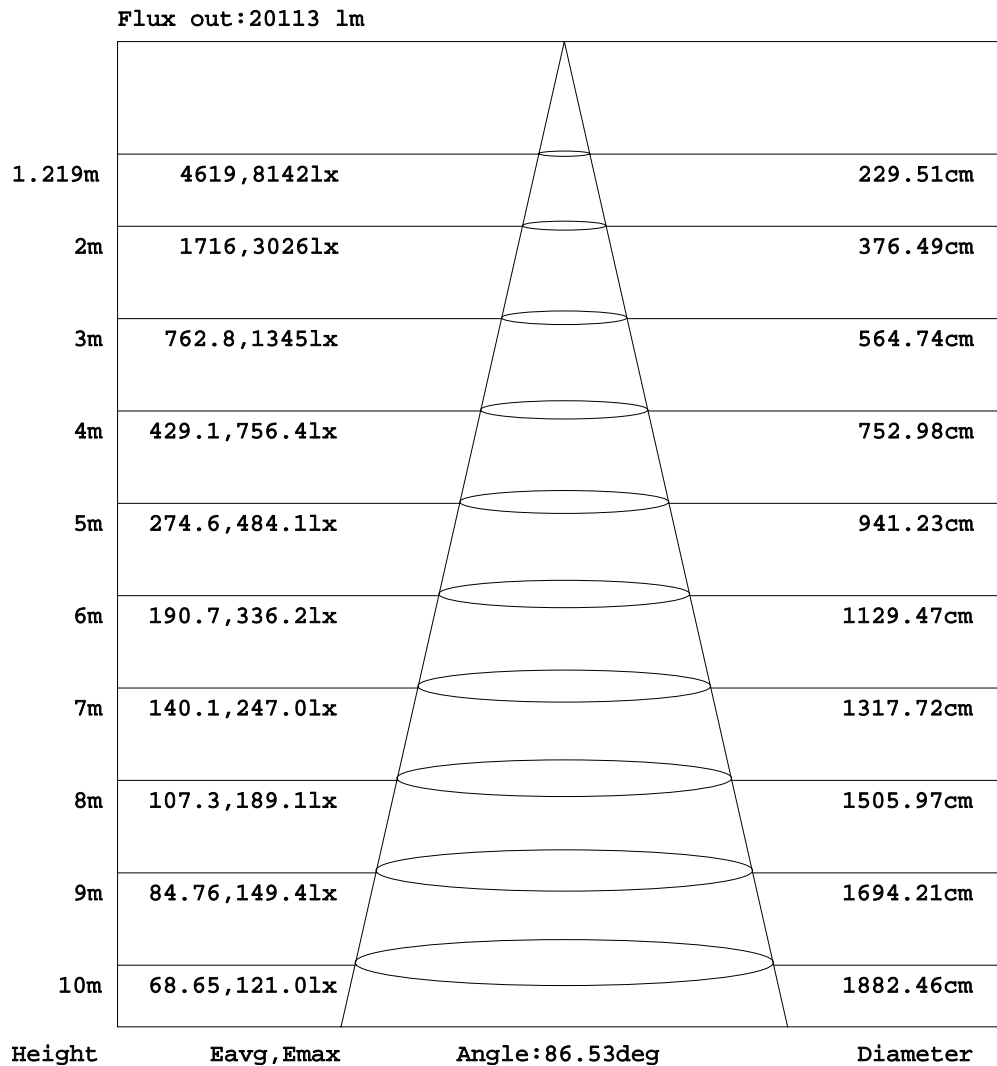


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



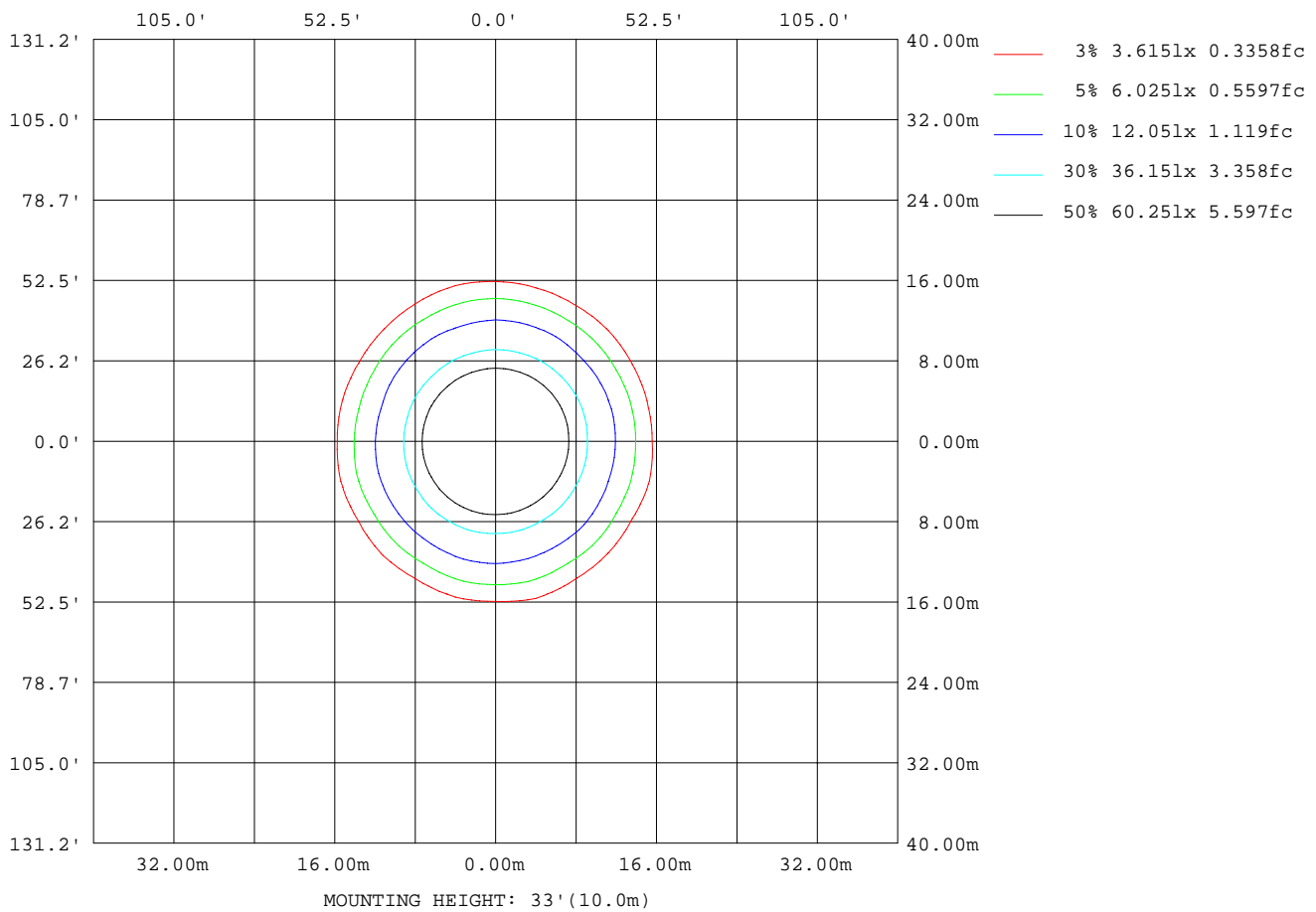
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

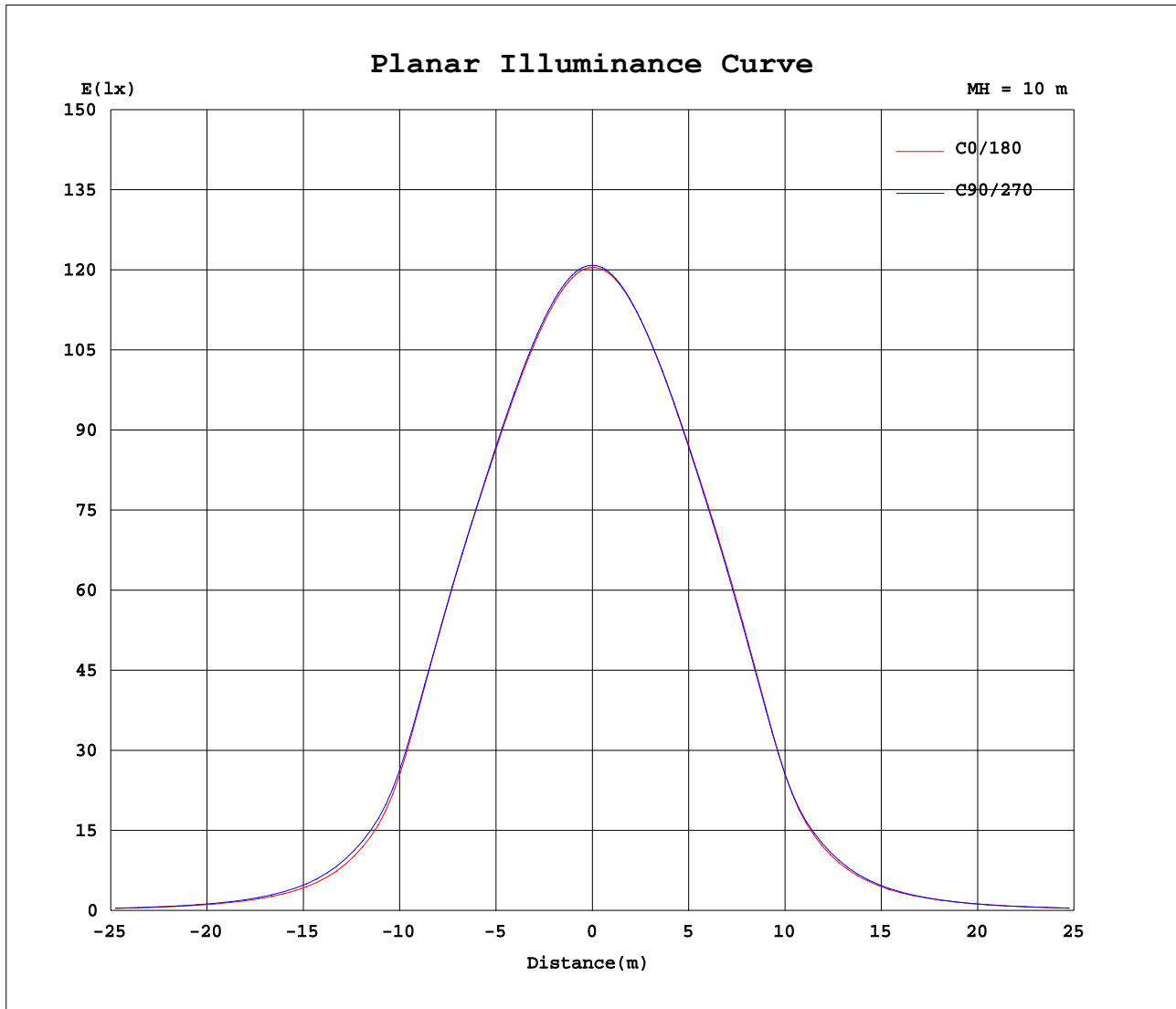
AvgL	cd/m2
L_0~180 (65) av	49506
L_0~180 (75) av	23916
L_0~180 (85) av	3720
L_90~270 (65) av	51912
L_90~270 (75) av	24282
L_90~270 (85) av	3649
L_45 (65) av	48219
L_45 (75) av	20628
L_45 (85) av	3641

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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208
5	1208	1208	1208	1208	1208	1209	1209	1209	1209	1210	1210	1210	1210	1210	1210	1210	1209	1209	1209
10	1208	1208	1209	1209	1209	1210	1211	1211	1212	1212	1212	1212	1213	1213	1213	1212	1212	1211	1210
15	1211	1211	1211	1211	1212	1213	1214	1214	1215	1215	1215	1216	1217	1217	1217	1216	1215	1214	1213
20	1214	1213	1213	1214	1214	1215	1216	1217	1218	1218	1219	1219	1221	1222	1221	1221	1219	1218	1216
25	1213	1213	1212	1213	1213	1215	1216	1217	1217	1218	1218	1219	1222	1223	1222	1221	1218	1216	1215
30	1203	1203	1202	1202	1202	1203	1204	1206	1207	1208	1207	1208	1213	1212	1213	1209	1207	1203	1203
35	1163	1163	1160	1162	1160	1163	1163	1168	1168	1170	1168	1170	1171	1168	1167	1161	1158	1154	1157
40	1028	1033	1027	1033	1027	1034	1030	1042	1041	1048	1038	1040	1031	1022	1021	1009	1012	1007	1017
45	720	733	726	744	737	750	743	763	754	760	738	741	724	711	716	708	718	711	722
50	451	445	461	485	473	481	492	489	474	475	471	472	460	438	459	463	468	455	477
55	281	295	288	307	301	322	316	317	301	310	299	310	297	292	292	300	298	309	308
60	177	192	181	185	195	209	195	199	193	198	190	194	189	190	187	182	195	201	194
65	109	115	113	106	122	126	119	118	121	119	119	114	118	116	117	108	123	124	119
70	62.7	65.8	66.2	59.5	70.1	71.4	67.9	66.2	69.7	68.7	70.0	65.3	70.4	67.6	69.7	60.7	72.0	70.1	68.9
75	30.9	32.0	32.7	29.0	33.6	35.0	34.2	32.7	34.3	31.2	35.3	32.9	36.3	34.2	35.5	28.9	35.4	34.1	34.1
80	12.1	11.7	10.2	11.1	10.1	12.7	13.6	12.4	10.6	12.9	11.6	12.7	15.0	13.7	11.0	12.0	11.5	12.8	13.4
85	1.24	1.07	1.25	1.61	1.36	1.28	1.79	1.43	1.65	2.11	1.79	1.73	2.28	1.46	1.80	1.92	1.72	1.08	1.67
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:219.1V I:0.6884A P:148.6W PF:0.9850 Freq:50.01Hz Lamp Flux:27401.5x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-90D-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	1208	1208	1208	1208	1208														
5	1209	1208	1208	1208	1208														
10	1210	1209	1209	1208	1208														
15	1212	1211	1211	1210	1210														
20	1215	1214	1213	1213	1213														
25	1214	1213	1213	1212	1211														
30	1202	1203	1202	1202	1201														
35	1158	1165	1166	1167	1165														
40	1019	1033	1036	1044	1037														
45	720	732	726	743	736														
50	466	466	448	453	455														
55	301	294	292	285	285														
60	186	185	183	181	174														
65	111	115	109	112	101														
70	60.6	66.3	61.4	64.7	56.3														
75	29.7	32.2	26.9	30.9	27.6														
80	11.7	9.89	9.96	9.26	10.1														
85	1.05	1.35	1.26	1.20	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: