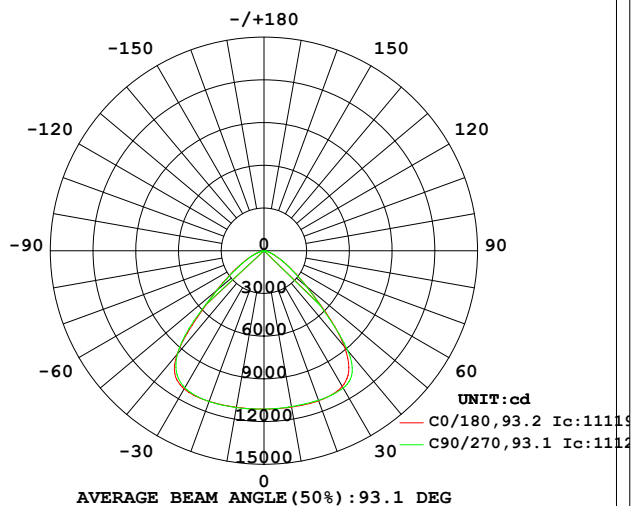


LUMINAIRE PHOTOMETRIC TEST REPORT

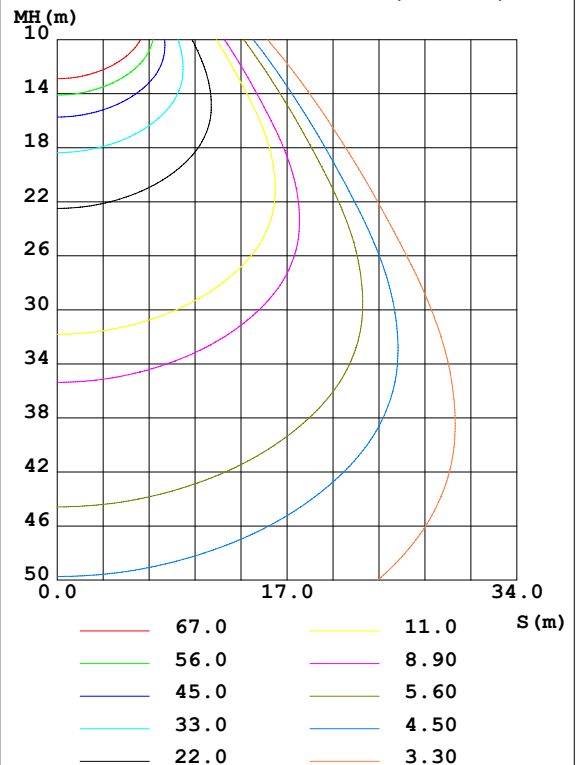
Test:U:219.2V I:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.92 lm/W			
MODEL	2835	I _{max} (cd)	11294	S/MH (C0/180)	1.36
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.38
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24882	η UP,DN (C0-180)	0.0,49.4
NOMINAL FLUX (lm)	24882.2	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:2024-10-26

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	1115	1112	1111	1113	1117	1118	1118	1117	0- 10	1063	1063	4.27,4.27
20	1121	1117	1117	1120	1126	1128	1126	1126	10- 20	3173	4236	17,17
30	1100	1104	1113	1112	1120	1118	1111	1108	20- 30	5185	9421	37.9,37.9
40	879.9	898.8	915.5	928.5	949.9	957.1	944.6	893.6	30- 40	6555	15976	64.2,64.2
50	393.0	396.5	385.4	419.1	435.6	442.2	430.9	408.7	40- 50	4997	20973	84.3,84.3
60	162.0	161.6	159.5	173.9	181.1	178.6	172.4	168.3	50- 60	2453	23426	94.1,94.1
70	57.09	57.89	57.52	65.16	65.19	66.00	62.22	61.13	60- 70	1072	24498	98.5,98.5
80	12.44	11.65	13.13	14.19	15.81	14.53	14.62	12.42	70- 80	348.4	24846	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	36.04	24882	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24882	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24882	100,100
120	0	0	0	0	0	0	0	0	110-120	0	24882	100,100
130	0	0	0	0	0	0	0	0	120-130	0	24882	100,100
140	0	0	0	0	0	0	0	0	130-140	0	24882	100,100
150	0	0	0	0	0	0	0	0	140-150	0	24882	100,100
160	0	0	0	0	0	0	0	0	150-160	0	24882	100,100
170	0	0	0	0	0	0	0	0	160-170	0	24882	100,100
180	0	0	0	0	0	0	0	0	170-180	0	24882	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 18887 lm

%lum = 75.9%

%lamp = 75.9%

Conical surface Flux(120deg): 23426 lm

%lum = 94.1%

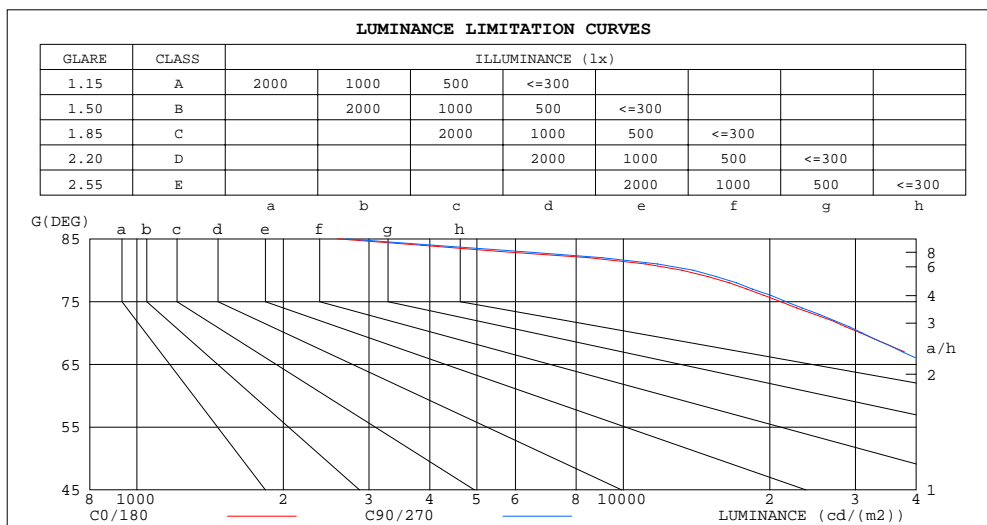
%lamp = 94.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



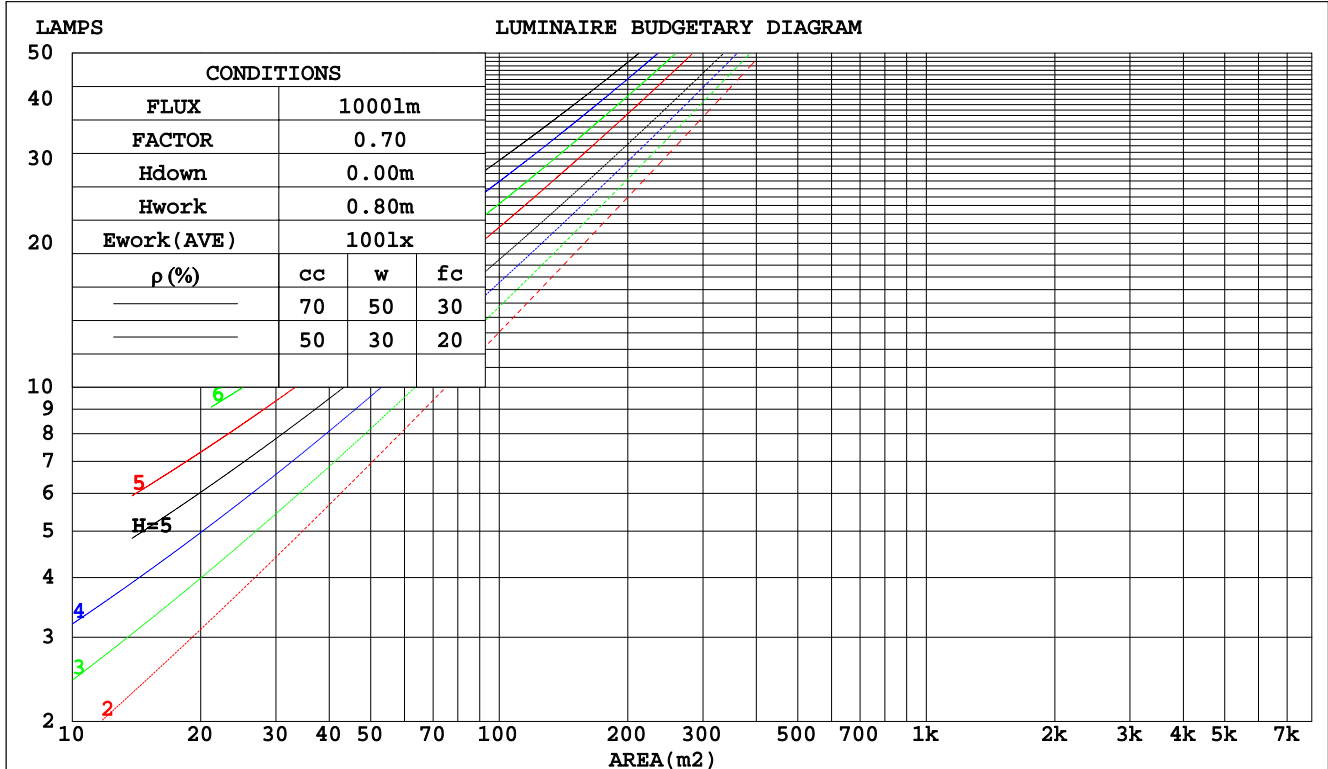
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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	.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:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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	.214	.122	.039	.202	.116	.037	.191	.111	.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	.108	.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	.126	.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:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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	27.7	29.0	28.0	29.2	29.4	27.7	29.0	28.0	29.2	29.4
3H	27.9	29.0	28.1	29.3	29.5	27.9	29.0	28.1	29.3	29.5
4H	27.8	29.0	28.1	29.2	29.4	27.8	29.0	28.1	29.2	29.4
6H	27.8	28.8	28.1	29.1	29.4	27.8	28.8	28.1	29.1	29.4
8H	27.7	28.7	28.1	29.0	29.3	27.8	28.8	28.1	29.0	29.3
12H	27.7	28.7	28.0	28.9	29.2	27.7	28.7	28.0	28.9	29.2
4H 2H	27.7	28.9	28.0	29.1	29.3	27.7	28.8	28.0	29.1	29.3
3H	27.9	28.9	28.3	29.2	29.5	27.9	28.9	28.3	29.2	29.5
4H	27.9	28.8	28.3	29.1	29.4	28.0	28.8	28.3	29.1	29.5
6H	27.9	28.7	28.3	29.0	29.4	27.9	28.7	28.3	29.0	29.4
8H	27.9	28.6	28.3	28.9	29.3	27.9	28.6	28.3	29.0	29.3
12H	27.8	28.5	28.2	28.8	29.2	27.8	28.5	28.3	28.9	29.3
8H 4H	27.9	28.6	28.3	28.9	29.3	27.9	28.6	28.3	28.9	29.3
6H	27.8	28.4	28.3	28.8	29.2	27.9	28.4	28.3	28.8	29.3
8H	27.8	28.3	28.3	28.7	29.2	27.8	28.3	28.3	28.8	29.2
12H	27.8	28.2	28.2	28.6	29.1	27.8	28.2	28.3	28.7	29.1
12H 4H	27.8	28.5	28.2	28.8	29.2	27.8	28.5	28.3	28.9	29.3
6H	27.8	28.3	28.3	28.7	29.2	27.8	28.3	28.3	28.7	29.2
8H	27.8	28.2	28.2	28.6	29.1	27.8	28.2	28.3	28.7	29.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.5 / - 2.3					+ 1.4 / - 2.3				
1.5H	+ 1.5 / - 1.8					+ 1.7 / - 1.6				
2.0H	+ 3.0 / - 2.8					+ 2.8 / - 2.5				

CIE Pub.117, 24882 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

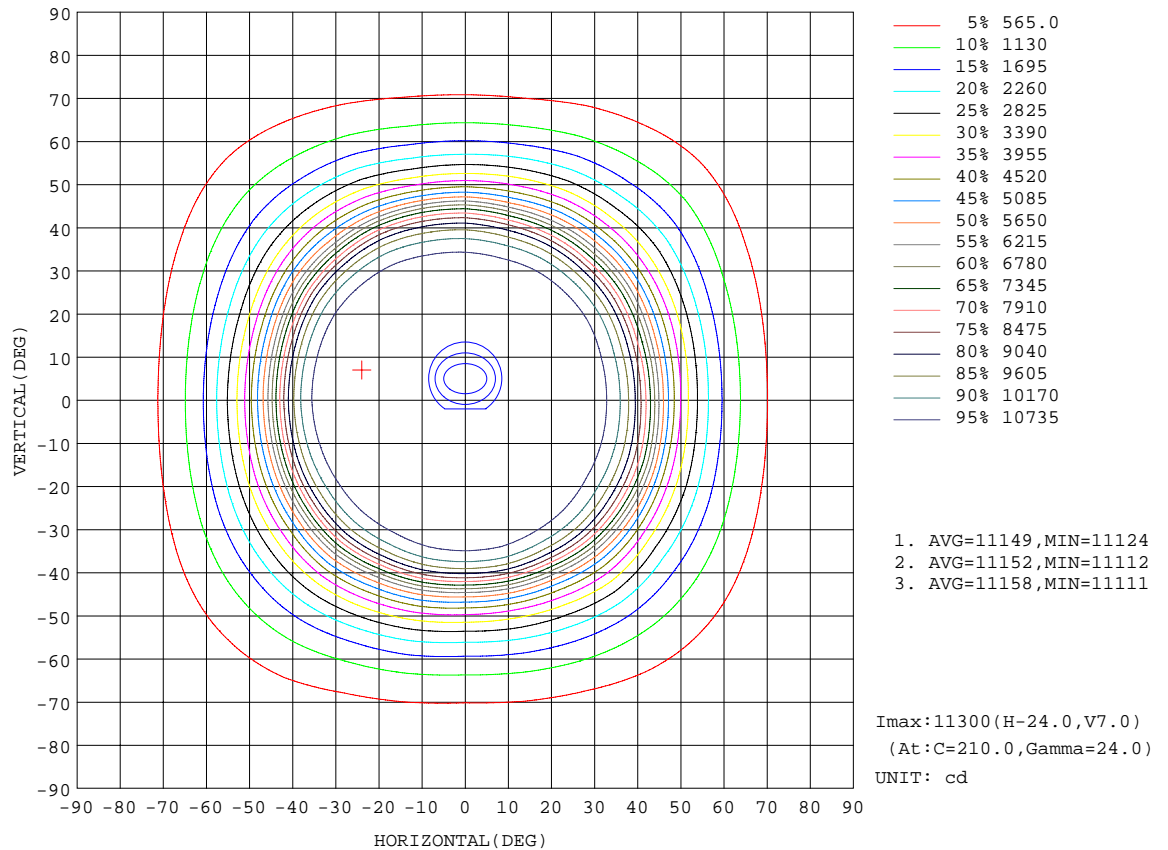
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	53	68	59	53	67	58	53	48
0.80	79	70	64	78	69	64	76	68	63	58
1.00	87	78	72	86	78	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	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:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

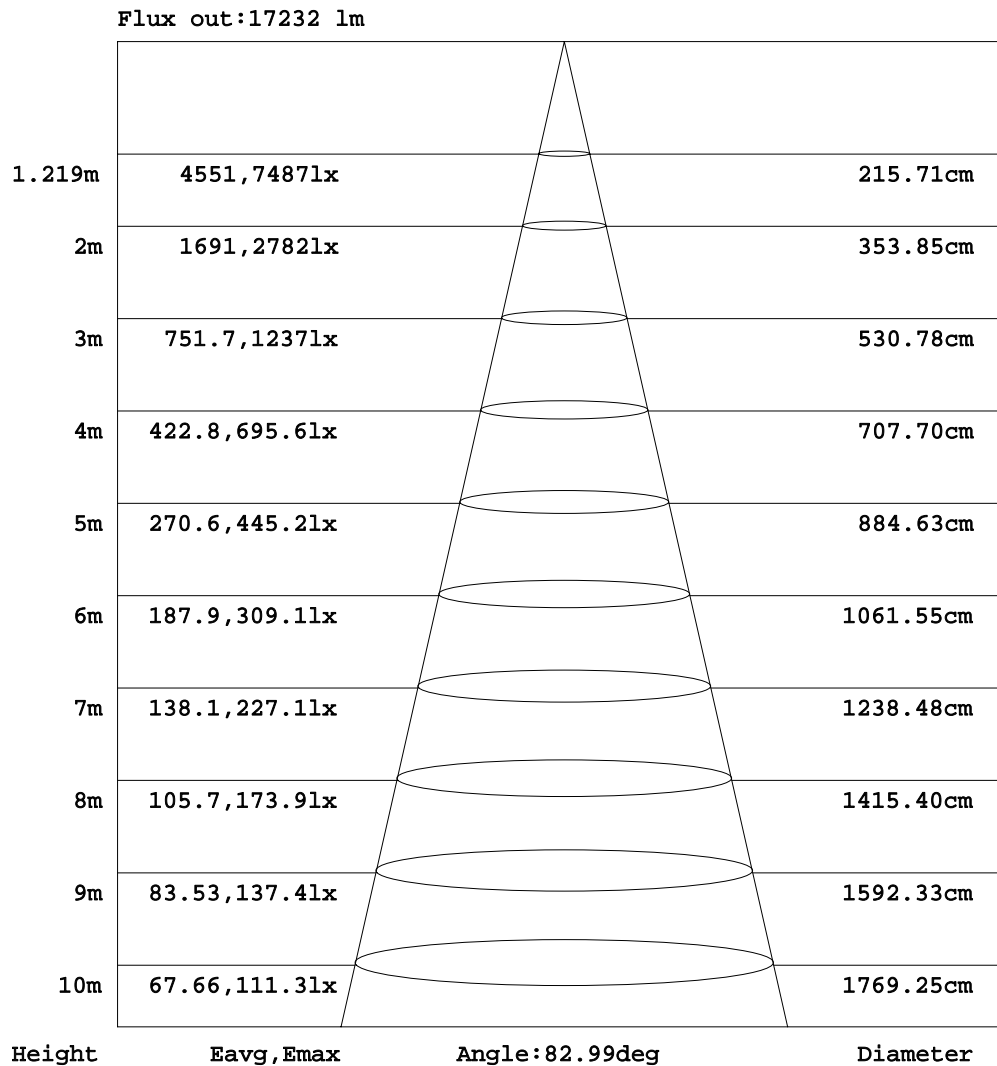


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



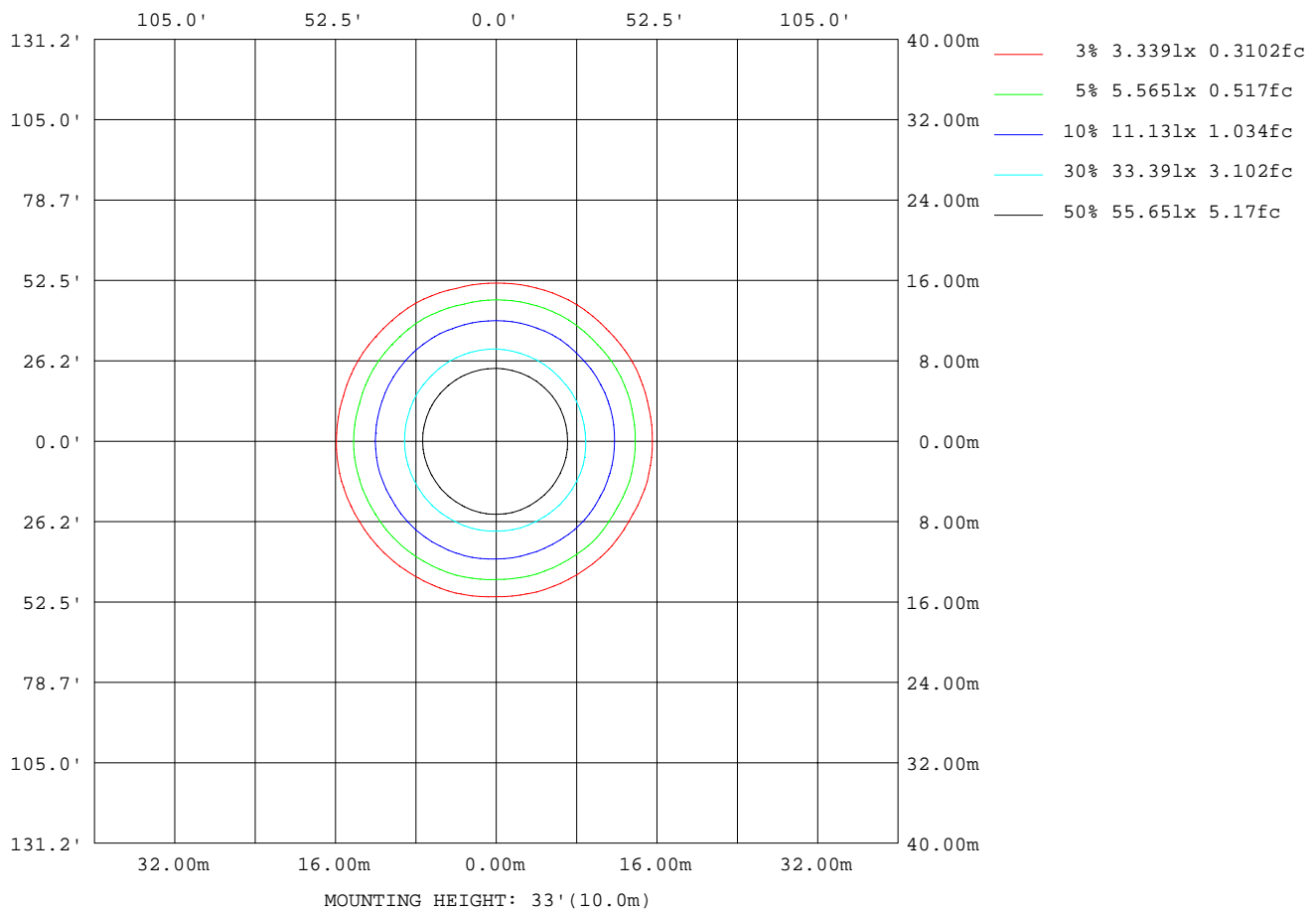
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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: 2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

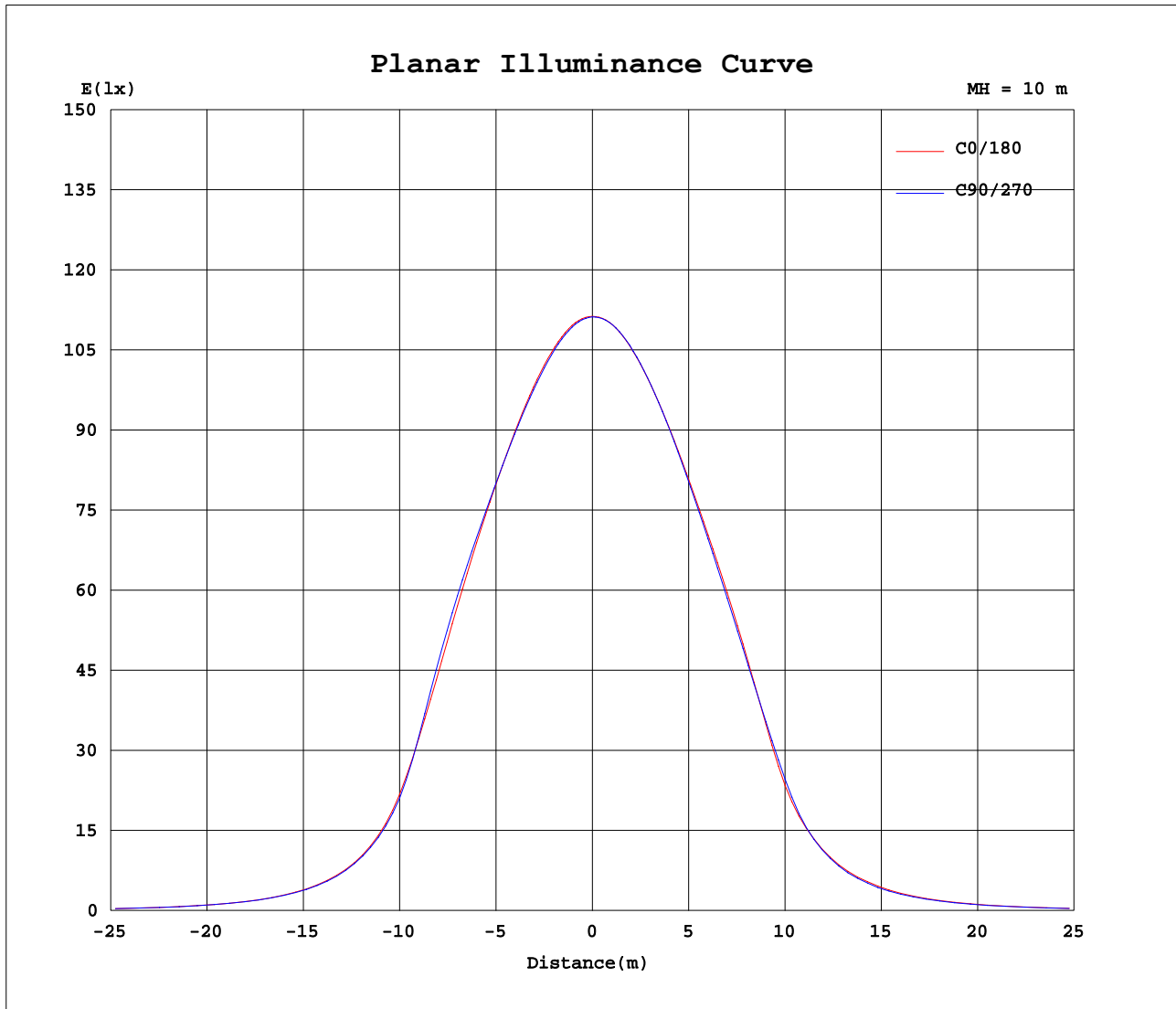
AvgL	cd/m2
L_0~180 (65) av	45864
L_0~180 (75) av	22952
L_0~180 (85) av	3775
L_90~270 (65) av	44289
L_90~270 (75) av	22733
L_90~270 (85) av	3328
L_45 (65) av	45949
L_45 (75) av	22974
L_45 (85) av	4281

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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: 2024-10-26

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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112
5	1113	1112	1112	1112	1111	1111	1111	1111	1112	1112	1113	1113	1114	1114	1114	1115	1115	1115	1115
10	1115	1114	1113	1112	1112	1111	1111	1112	1112	1113	1114	1115	1117	1117	1118	1118	1118	1119	1118
15	1118	1116	1115	1114	1113	1113	1113	1114	1115	1116	1118	1119	1121	1122	1123	1123	1123	1123	1123
20	1121	1119	1118	1117	1117	1117	1117	1118	1119	1120	1122	1124	1126	1127	1128	1128	1127	1127	1126
25	1118	1116	1115	1116	1117	1119	1119	1120	1120	1121	1123	1126	1129	1129	1129	1129	1128	1126	1125
30	1100	1099	1099	1104	1107	1112	1113	1113	1111	1112	1113	1117	1120	1121	1121	1118	1116	1113	1111
35	1037	1040	1042	1052	1059	1071	1072	1072	1066	1068	1069	1076	1082	1082	1084	1079	1077	1069	1064
40	880	892	891	899	895	915	915	924	917	929	929	942	950	953	962	957	961	951	945
45	615	631	614	609	590	599	596	618	620	642	639	654	663	668	686	680	699	699	697
50	393	393	389	396	385	382	385	402	408	419	415	431	436	433	439	442	442	429	431
55	255	256	246	257	253	253	249	261	266	273	274	283	286	280	285	283	285	271	273
60	162	163	157	162	163	163	160	169	168	174	175	181	181	179	182	179	181	171	172
65	98.8	99.0	96.8	98.9	99.4	101	97.8	104	103	108	109	113	112	111	112	111	111	105	106
70	57.1	56.7	56.3	57.9	57.5	59.4	57.5	60.8	60.6	65.2	64.2	66.0	65.2	64.7	67.2	66.0	65.7	62.9	62.2
75	29.5	28.9	26.4	30.0	27.2	30.1	30.3	31.1	30.1	34.0	31.7	33.8	35.0	33.6	34.4	34.5	34.2	33.1	33.6
80	12.4	10.6	8.01	11.6	8.26	11.7	13.1	12.8	10.00	14.2	11.3	13.4	15.8	14.7	11.1	14.5	11.4	13.4	14.6
85	1.22	1.15	1.24	1.35	1.20	1.11	1.28	1.37	1.82	2.25	2.05	1.83	2.35	2.00	2.22	2.57	2.37	1.70	1.87
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: 2024-10-26

 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:0.6987A P:150.9W PF:0.9850 Freq:50.01Hz Lamp Flux:24882.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-90D-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	1112	1112	1112	1112	1112														
5	1115	1114	1114	1114	1113														
10	1118	1117	1117	1116	1116														
15	1123	1122	1122	1121	1120														
20	1126	1126	1126	1125	1123														
25	1124	1125	1124	1122	1120														
30	1109	1109	1108	1108	1103														
35	1057	1057	1051	1048	1039														
40	923	913	894	891	879														
45	657	643	624	624	611														
50	424	424	409	406	404														
55	274	276	263	268	260														
60	172	175	168	170	163														
65	104	107	104	105	98.3														
70	60.6	62.9	61.1	60.9	56.6														
75	31.4	32.0	30.7	29.7	29.2														
80	12.9	10.4	12.4	9.13	11.6														
85	1.67	1.95	1.94	1.86	1.38														
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: 2024-10-26

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: