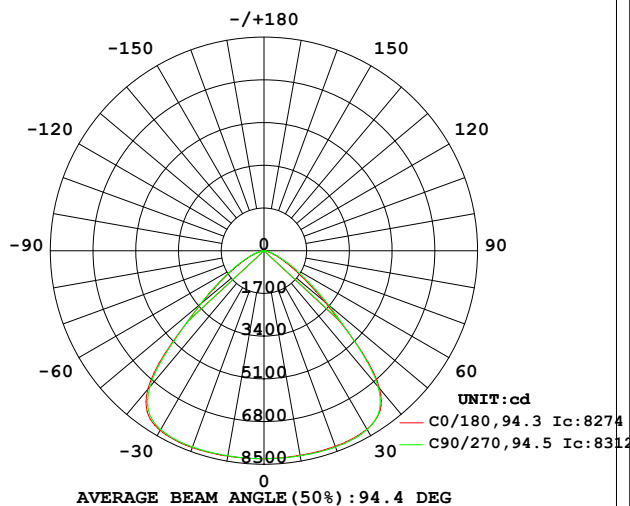


LUMINAIRE PHOTOMETRIC TEST REPORT

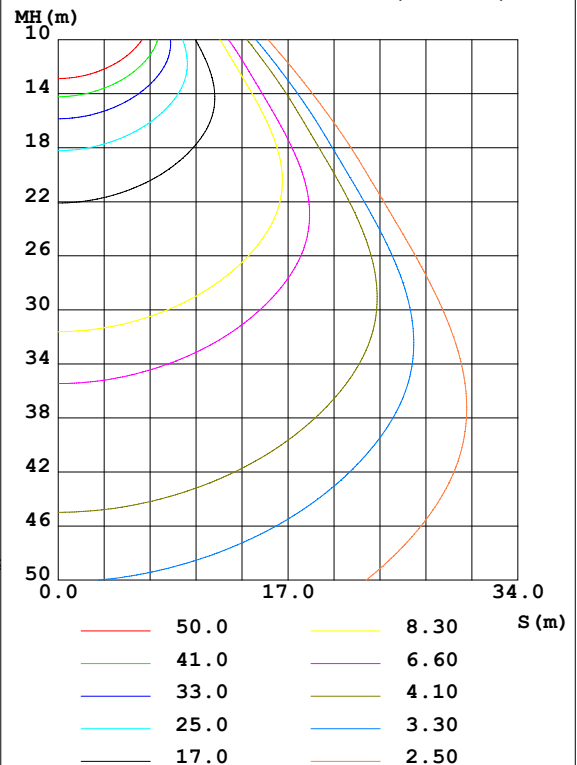
Test:U:219.2V I:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 188.74 lm/W			
MODEL	2835	I _{max} (cd)	8342	S/MH (C0/180)	1.38
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18828	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX (lm)	18827.6	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:2024-8-22

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	8268	8273	8286	8295	8300	8297	8287	8277	0- 10	790.4	790.4	4.2,4.2
20	8283	8289	8311	8329	8335	8336	8311	8295	10- 20	2353	3143	16.7,16.7
30	8192	8191	8208	8248	8255	8258	8218	8214	20- 30	3836	6979	37.1,37.1
40	7158	7115	7057	7192	7191	7067	7056	7150	30- 40	4928	11908	63.2,63.2
50	3168	3299	3342	3259	3252	3209	3291	3143	40- 50	3941	15849	84.2,84.2
60	1202	1253	1361	1358	1299	1276	1394	1277	50- 60	1899	17748	94.3,94.3
70	411.5	401.2	469.9	458.7	476.8	420.1	485.3	426.5	60- 70	811.0	18559	98.6,98.6
80	77.68	72.24	88.96	83.81	101.5	77.79	95.83	68.36	70- 80	246.7	18805	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	22.31	18828	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18828	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18828	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18828	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18828	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18828	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18828	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18828	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18828	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18828	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 14202 lm

%lum = 75.4%

%lamp = 75.4%

Conical surface Flux(120deg): 17748 lm

%lum = 94.3%

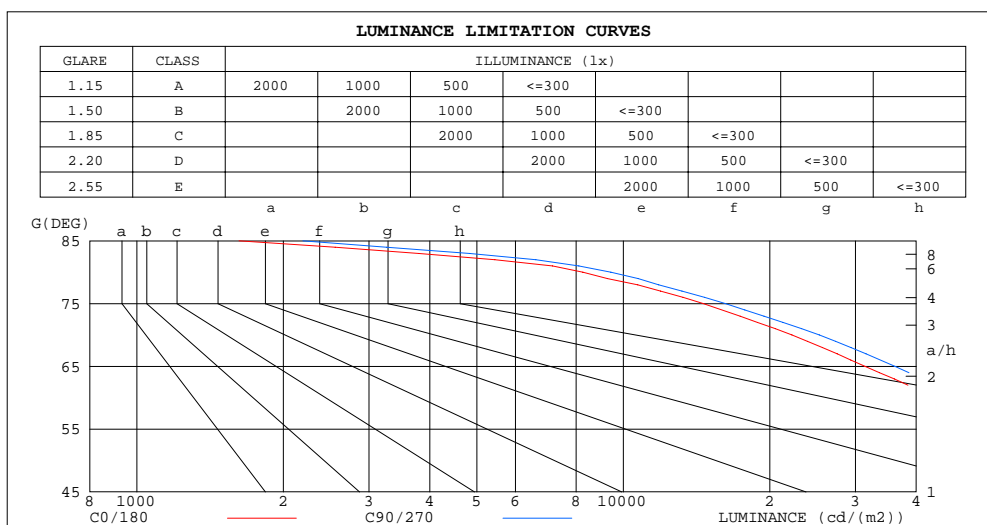
%lamp = 94.3%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



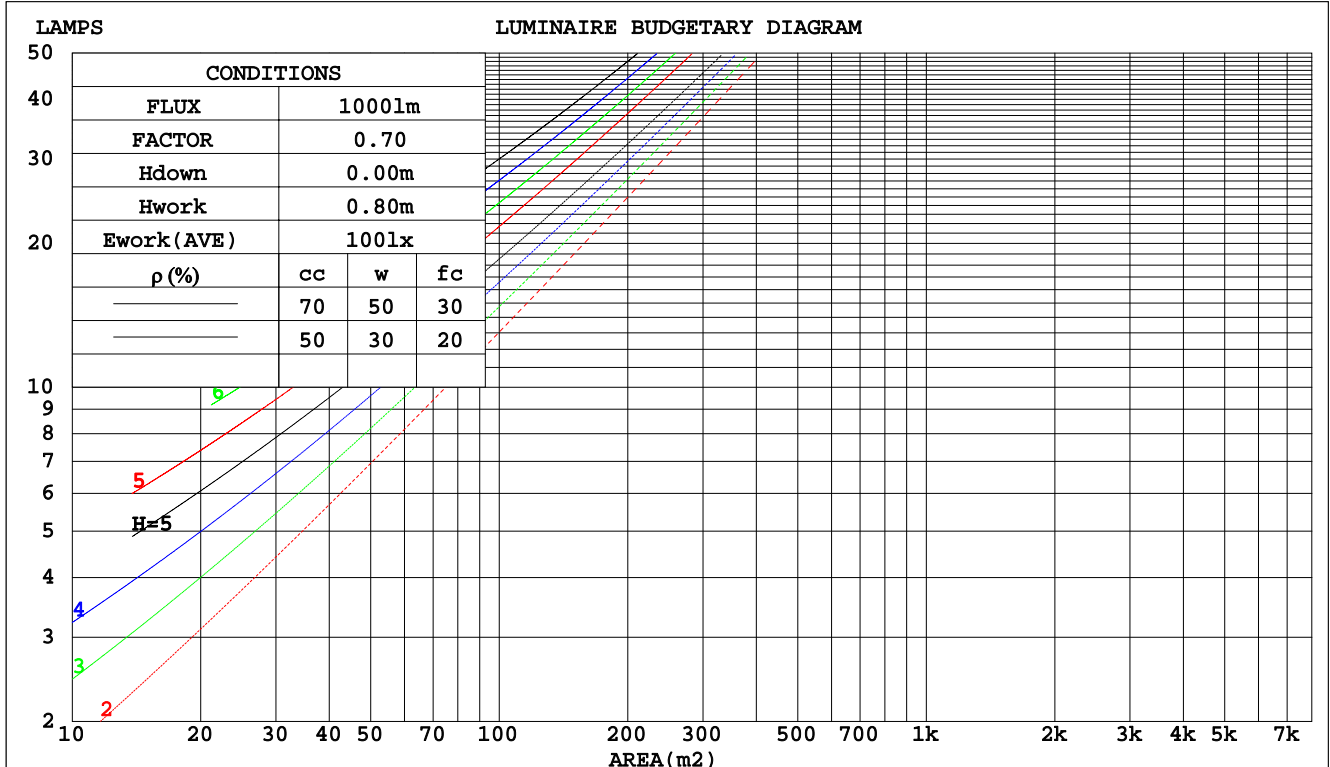
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-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	.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: 2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-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	.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	.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	.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:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm											
NAME: AOK HBE					TYPE:			WEIGHT:			
SPEC.:AOK-100WHBE-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	2H	27.1	28.4	27.4	28.6	28.8	27.3	28.6	27.6	28.8	29.0
	3H	27.2	28.4	27.5	28.6	28.8	27.4	28.6	27.7	28.9	29.1
	4H	27.2	28.3	27.5	28.5	28.8	27.4	28.5	27.7	28.8	29.0
	6H	27.1	28.2	27.4	28.4	28.7	27.4	28.4	27.7	28.7	28.9
	8H	27.1	28.1	27.4	28.4	28.6	27.3	28.3	27.6	28.6	28.9
	12H	27.0	28.0	27.4	28.3	28.6	27.3	28.2	27.6	28.5	28.8
4H	2H	27.1	28.2	27.4	28.5	28.7	27.3	28.4	27.6	28.6	28.9
	3H	27.3	28.2	27.6	28.5	28.8	27.5	28.4	27.8	28.7	29.0
	4H	27.3	28.2	27.6	28.5	28.8	27.5	28.4	27.9	28.7	29.0
	6H	27.2	28.0	27.6	28.3	28.7	27.5	28.2	27.8	28.6	28.9
	8H	27.2	27.9	27.6	28.3	28.6	27.4	28.1	27.8	28.5	28.9
	12H	27.1	27.8	27.6	28.2	28.6	27.4	28.0	27.8	28.4	28.8
8H	4H	27.2	27.9	27.6	28.3	28.6	27.4	28.1	27.8	28.5	28.8
	6H	27.2	27.7	27.6	28.1	28.6	27.4	28.0	27.8	28.4	28.8
	8H	27.1	27.6	27.6	28.0	28.5	27.3	27.8	27.8	28.3	28.7
	12H	27.1	27.5	27.6	28.0	28.4	27.3	27.7	27.8	28.2	28.6
12H	4H	27.2	27.8	27.6	28.2	28.6	27.4	28.0	27.8	28.4	28.8
	6H	27.1	27.6	27.6	28.0	28.5	27.3	27.8	27.8	28.3	28.7
	8H	27.1	27.5	27.6	28.0	28.4	27.3	27.7	27.8	28.2	28.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 2.5					+ 1.6 / - 2.2					
1.5H	+ 1.4 / - 1.9					+ 1.3 / - 1.7					
2.0H	+ 3.3 / - 2.8					+ 3.0 / - 3.0					

CIE Pub.117, 18828 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

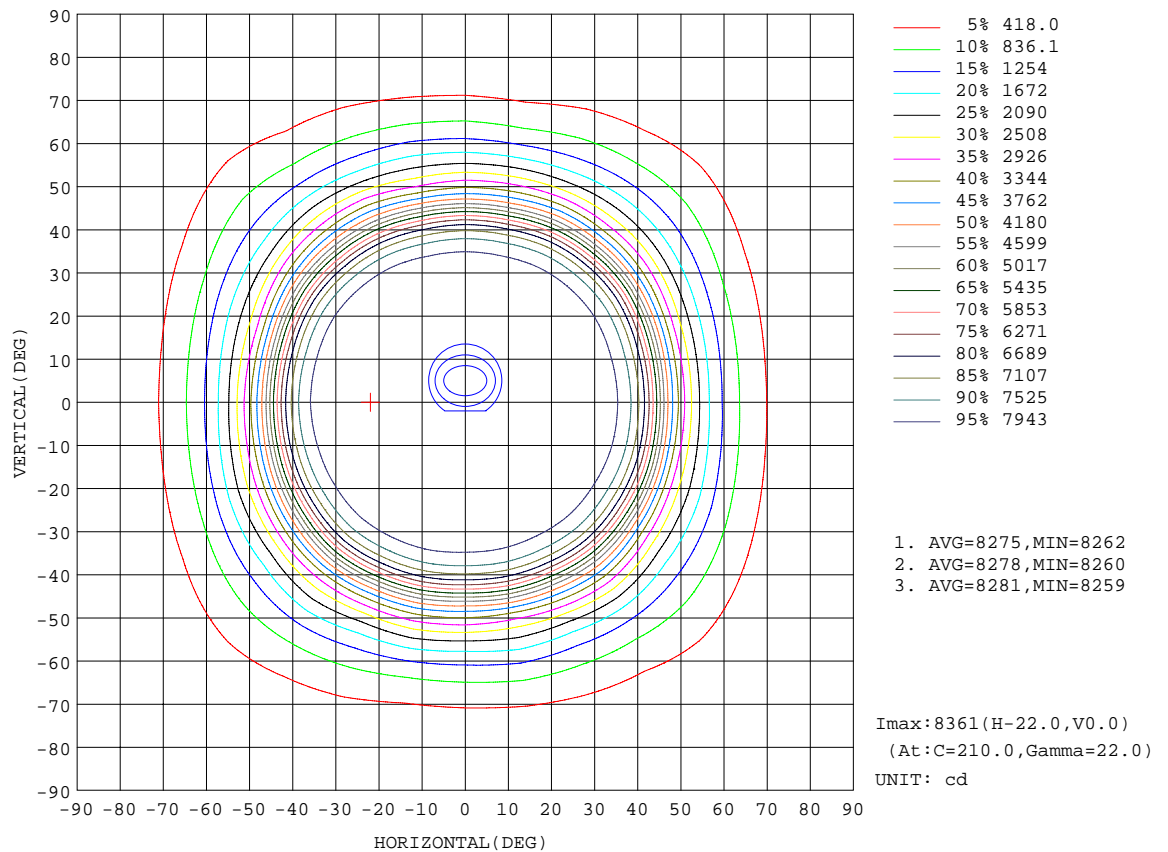
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	53	67	58	52	66	58	52	47
0.80	78	69	63	77	69	63	76	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	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:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

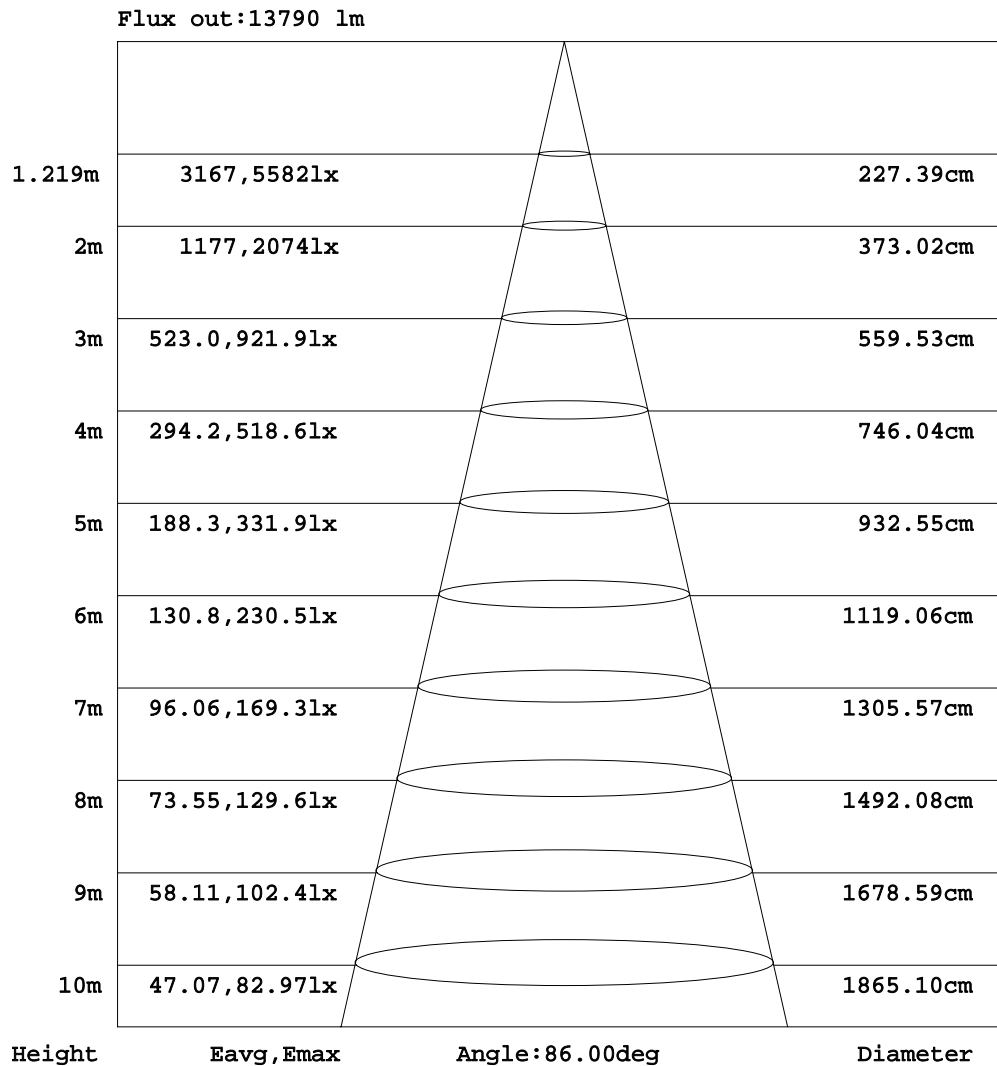


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



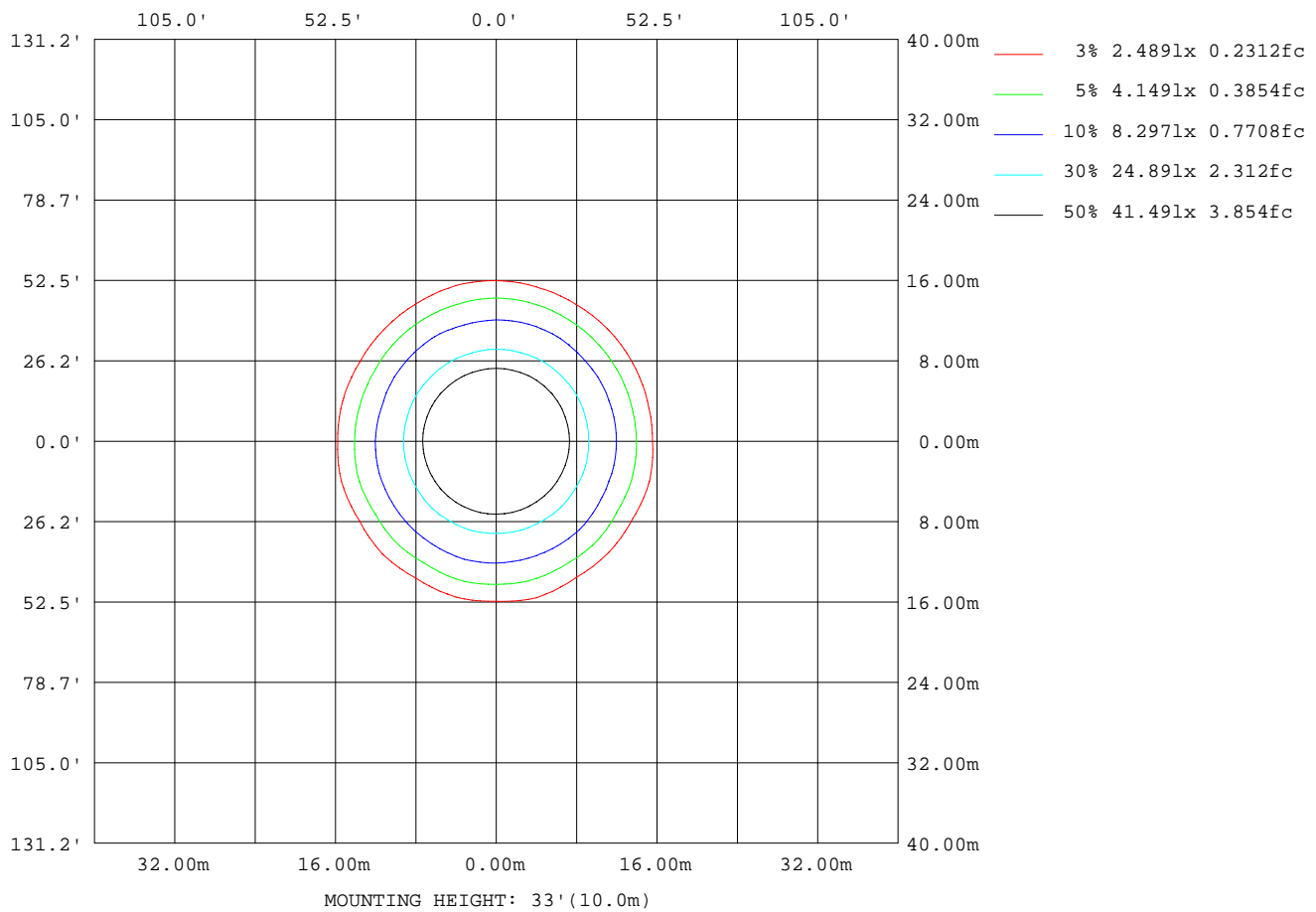
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-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: 2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

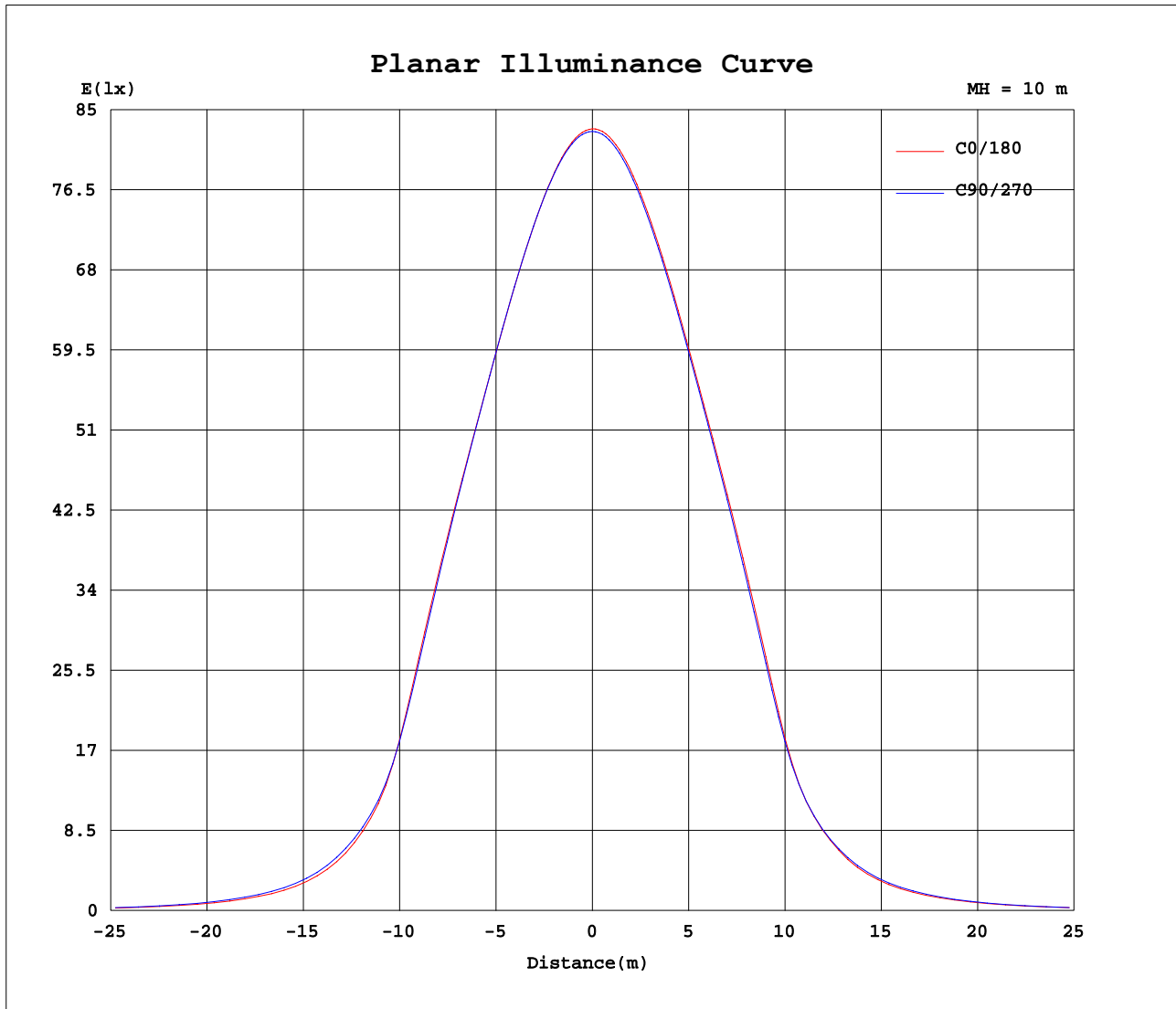
AvgL	cd/m2
L_0~180 (65) av	33185
L_0~180 (75) av	16079
L_0~180 (85) av	2299
L_90~270 (65) av	36713
L_90~270 (75) av	16707
L_90~270 (85) av	2363
L_45 (65) av	33078
L_45 (75) av	13783
L_45 (85) av	2331

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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: 2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-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	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274	8274
5	8270	8269	8271	8272	8274	8275	8278	8279	8282	8283	8284	8285	8285	8285	8285	8284	8282	8280	8278
10	8268	8269	8272	8273	8278	8281	8286	8289	8294	8295	8299	8300	8300	8300	8299	8297	8293	8290	8287
15	8275	8275	8279	8282	8289	8294	8301	8305	8311	8314	8317	8319	8318	8318	8317	8315	8310	8304	8298
20	8283	8283	8286	8289	8297	8303	8311	8319	8326	8329	8333	8337	8335	8335	8337	8336	8331	8321	8311
25	8266	8267	8268	8272	8281	8290	8299	8309	8315	8321	8322	8328	8328	8332	8336	8332	8324	8308	8297
30	8192	8191	8187	8191	8195	8202	8208	8225	8235	8248	8245	8256	8255	8259	8270	8258	8248	8225	8218
35	7954	7955	7928	7934	7919	7933	7928	7964	7972	7996	7988	8005	8009	8002	8012	7980	7966	7927	7938
40	7158	7166	7099	7115	7059	7092	7057	7125	7126	7192	7149	7179	7191	7143	7155	7067	7067	7011	7056
45	5114	5168	5070	5155	5078	5168	5096	5218	5170	5256	5136	5177	5152	5058	5091	4999	5058	4998	5067
50	3168	3084	3107	3299	3273	3257	3342	3383	3273	3259	3242	3262	3252	3066	3163	3209	3300	3177	3291
55	1948	2026	1945	2077	2046	2172	2156	2206	2058	2139	2034	2152	2047	2033	1993	2072	2093	2123	2159
60	1202	1288	1249	1253	1276	1420	1361	1369	1317	1358	1306	1335	1299	1310	1298	1276	1318	1399	1394
65	718	769	783	722	776	859	830	800	817	808	818	786	805	787	834	747	811	854	855
70	412	432	451	401	449	484	470	441	475	459	480	443	477	449	491	420	474	489	485
75	205	208	215	184	216	236	228	213	234	209	238	221	247	226	244	197	240	239	242
80	77.7	77.0	62.0	72.2	59.2	83.7	89.0	80.1	67.2	83.8	76.3	85.7	102	90.5	75.4	77.8	76.1	89.8	95.8
85	7.66	6.34	7.54	9.06	8.14	7.56	10.4	9.02	10.1	13.4	11.5	11.9	14.1	9.53	11.4	13.0	11.9	8.04	12.0
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:2024-8-22

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:0.4677A P:99.75W PF:0.9727 Freq:50.01Hz Lamp Flux:18827.6x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-4080-90D-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	8274	8274	8274	8274	8274														
5	8277	8274	8273	8272	8271														
10	8283	8279	8277	8273	8272														
15	8293	8288	8286	8281	8280														
20	8306	8298	8295	8290	8290														
25	8291	8289	8285	8283	8280														
30	8210	8215	8214	8215	8207														
35	7935	7967	7973	7988	7973														
40	7053	7138	7150	7206	7159														
45	5037	5125	5072	5179	5120														
50	3286	3276	3143	3146	3113														
55	2126	2059	2021	1988	1950														
60	1314	1293	1277	1261	1216														
65	772	795	761	775	708														
70	428	456	426	442	391														
75	210	221	185	211	189														
80	79.4	65.5	68.4	63.5	68.7														
85	7.54	8.93	8.61	8.11	5.81														
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:2024-8-22

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: