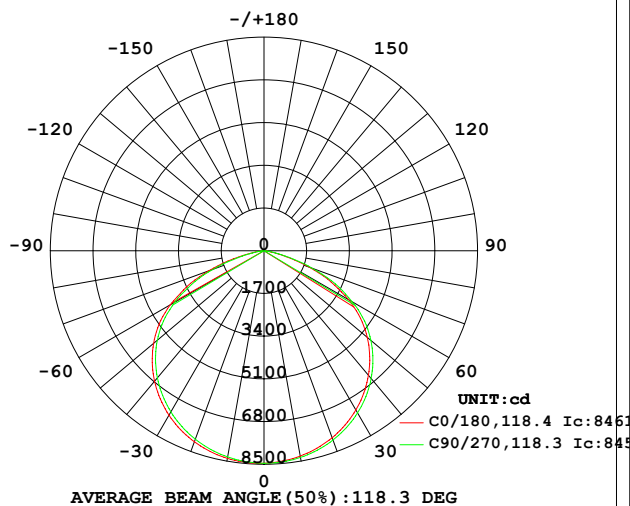


LUMINAIRE PHOTOMETRIC TEST REPORT

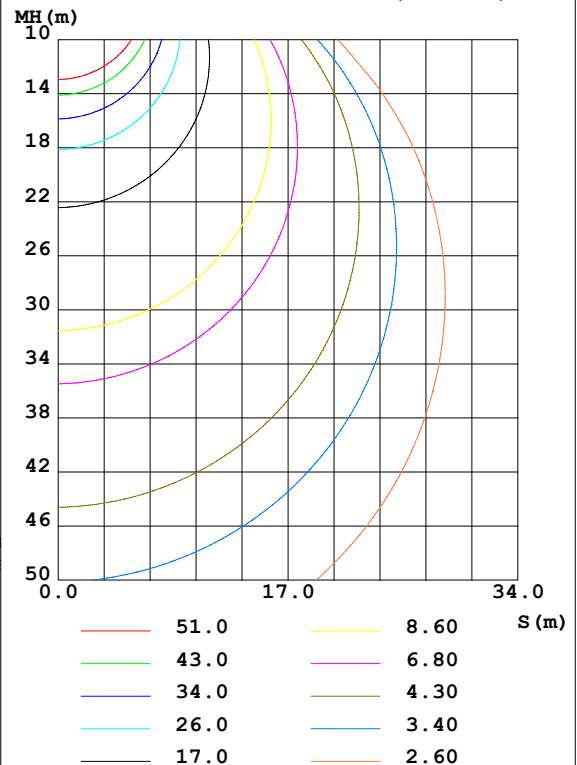
Test:U:219.3V I:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.42 lm/W			
MODEL	2835	I _{max} (cd)	8461	S/MH (C0/180)	1.33
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24580	η UP,DN (C0-180)	0.0,49.9
NOMINAL FLUX (lm)	24580.4	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.50

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:2024-10-24

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	8297	8323	8352	8387	8390	8361	8331	8304	0- 10	801.8	801.8	3.26, 3.26
20	7922	7962	8018	8087	8092	8036	7986	7938	10- 20	2317	3119	12.7, 12.7
30	7313	7368	7448	7548	7559	7477	7408	7345	20- 30	3574	6693	27.2, 27.2
40	6467	6532	6634	6762	6776	6676	6599	6521	30- 40	4416	11109	45.2, 45.2
50	5367	5441	5553	5704	5734	5628	5540	5359	40- 50	4717	15826	64.4, 64.4
60	3883	4033	4040	4284	4315	4270	4103	3955	50- 60	4353	20179	82.1, 82.1
70	1930	2162	2051	2339	2348	2433	2145	2059	60- 70	3147	23326	94.9, 94.9
80	296.8	327.2	372.4	432.8	457.4	380.4	369.9	303.5	70- 80	1164	24489	99.6, 99.6
90	0	0	0	0	0	0	0	0	80- 90	90.90	24580	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	24580	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	24580	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	24580	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	24580	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	24580	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	24580	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	24580	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	24580	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	24580	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 13469 lm

%lum = 54.8%

%lamp = 54.8%

Conical surface Flux(120deg): 20179 lm

%lum = 82.1%

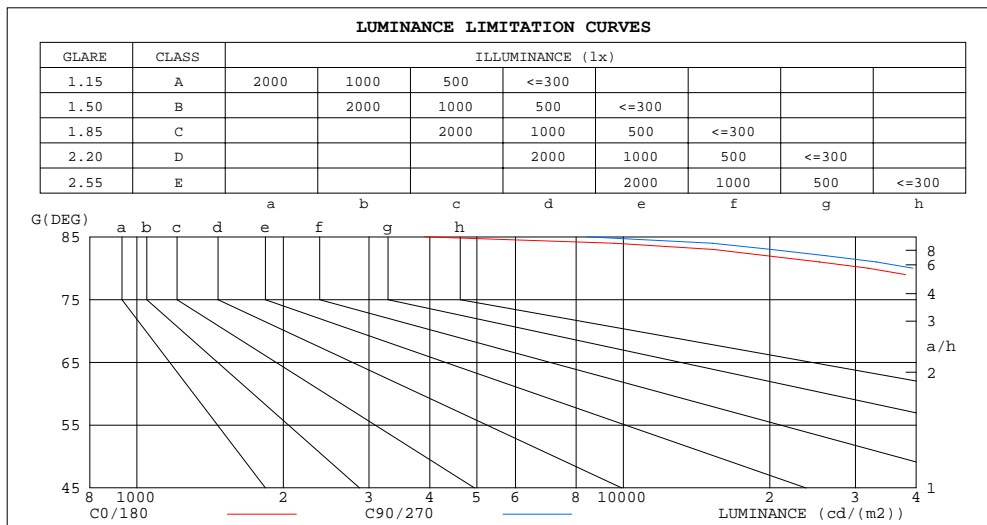
%lamp = 82.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3901	8420
80	31844	39389
75	65881	74394
70	105125	110126
65	130351	136499
60	144658	148382
55	152418	156563
50	155535	158664
45	156794	159230

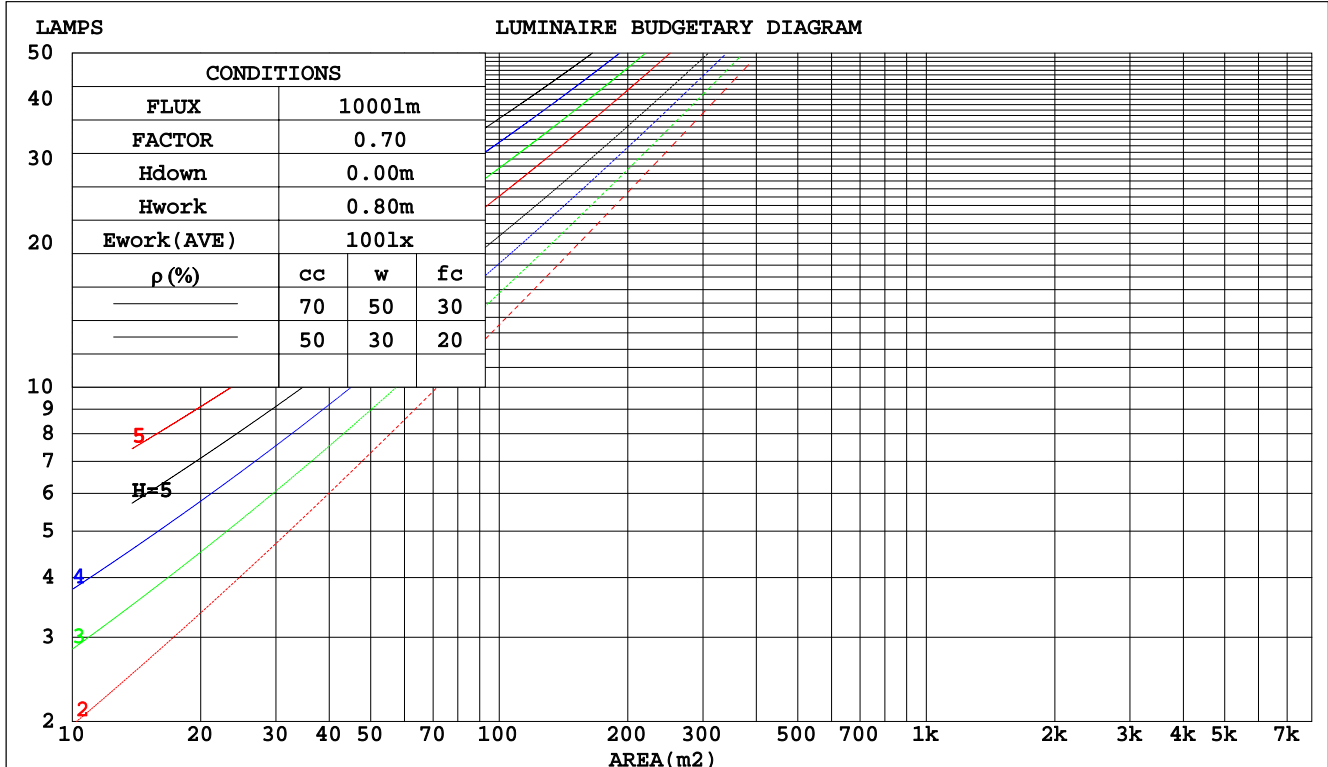
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-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	.00
1.0	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4.0	.71	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.55	.48	.63	.54	.48	.60	.53	.47	.58	.52	.47	.57	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-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	.286	.163	.052	.279	.159	.051	.266	.152	.049	.254	.146	.047	.243	.141	.045		
2.0	.278	.152	.047	.272	.150	.046	.260	.145	.045	.249	.140	.044	.240	.136	.043		
3.0	.261	.139	.042	.256	.137	.041	.246	.133	.040	.236	.129	.040	.227	.126	.039		
4.0	.244	.127	.037	.239	.125	.037	.230	.122	.036	.221	.119	.036	.214	.116	.035		
5.0	.227	.116	.033	.223	.114	.033	.214	.112	.033	.207	.109	.032	.200	.107	.032		
6.0	.211	.106	.030	.208	.105	.030	.200	.103	.030	.194	.101	.030	.187	.099	.029		
7.0	.197	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.176	.091	.027		
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.076	.140	.099	.065	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.133	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.064	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-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	30.5	32.0	30.7	32.2	32.4	30.6	32.1	30.9	32.3	32.5
3H	31.6	33.0	31.9	33.2	33.5	31.8	33.2	32.1	33.4	33.6
4H	31.8	33.1	32.1	33.3	33.6	32.0	33.3	32.3	33.6	33.8
6H	31.8	33.0	32.1	33.3	33.6	32.0	33.2	32.3	33.5	33.8
8H	31.7	32.9	32.1	33.2	33.5	32.0	33.2	32.3	33.4	33.7
12H	31.7	32.8	32.0	33.1	33.4	31.9	33.1	32.3	33.4	33.7
4H 2H	31.1	32.4	31.4	32.6	32.9	31.2	32.5	31.5	32.7	33.0
3H	32.3	33.4	32.6	33.7	34.0	32.4	33.6	32.8	33.9	34.2
4H	32.5	33.5	32.9	33.9	34.2	32.7	33.7	33.1	34.1	34.4
6H	32.5	33.4	32.9	33.8	34.1	32.7	33.7	33.1	34.0	34.4
8H	32.5	33.3	32.9	33.7	34.1	32.7	33.6	33.1	33.9	34.3
12H	32.4	33.2	32.9	33.6	34.0	32.7	33.5	33.1	33.8	34.2
8H 4H	32.5	33.4	33.0	33.8	34.1	32.7	33.6	33.1	34.0	34.3
6H	32.6	33.3	33.0	33.7	34.1	32.8	33.5	33.2	33.9	34.3
8H	32.6	33.2	33.0	33.6	34.1	32.8	33.4	33.2	33.8	34.3
12H	32.5	33.1	33.0	33.5	34.0	32.8	33.3	33.2	33.7	34.2
12H 4H	32.5	33.3	32.9	33.7	34.1	32.7	33.5	33.1	33.9	34.3
6H	32.6	33.2	33.0	33.6	34.0	32.8	33.4	33.2	33.8	34.3
8H	32.5	33.1	33.0	33.5	34.0	32.8	33.3	33.2	33.7	34.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.5					+ 0.4 / - 0.5				

CIE Pub.117, 24580 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

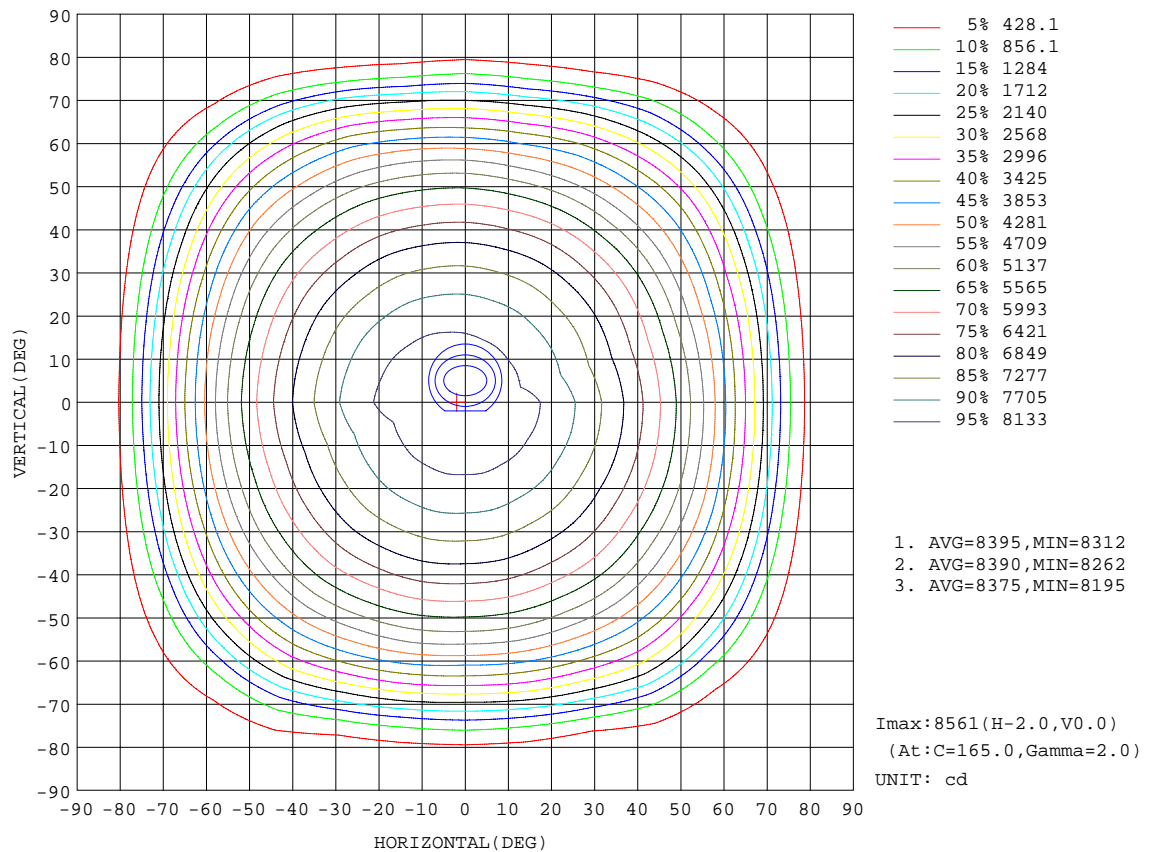
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	42
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	74	67	83	73	66	80	72	66	58
1.50	89	80	73	88	79	72	85	77	71	64
2.00	96	88	82	94	87	81	91	85	79	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	107	103	100	103	100	97	88
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:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

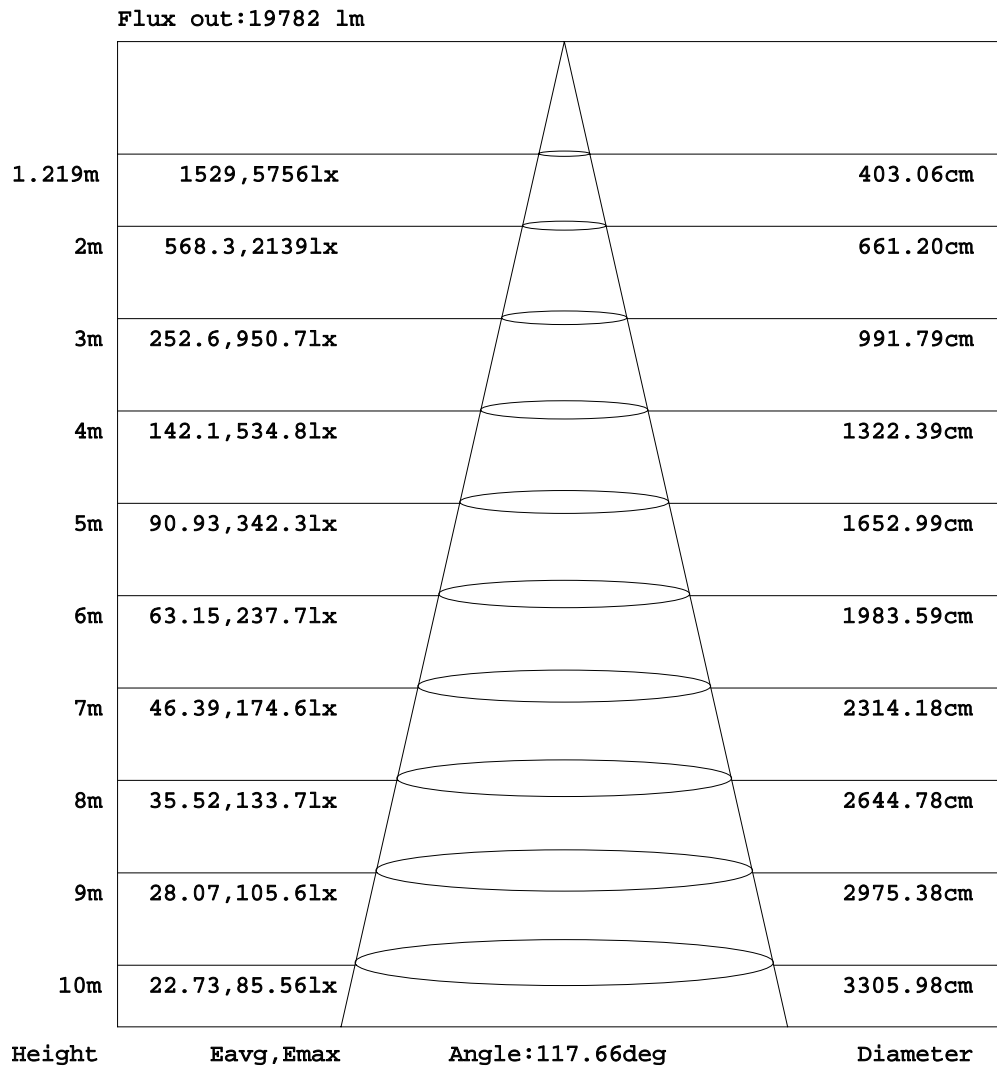


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



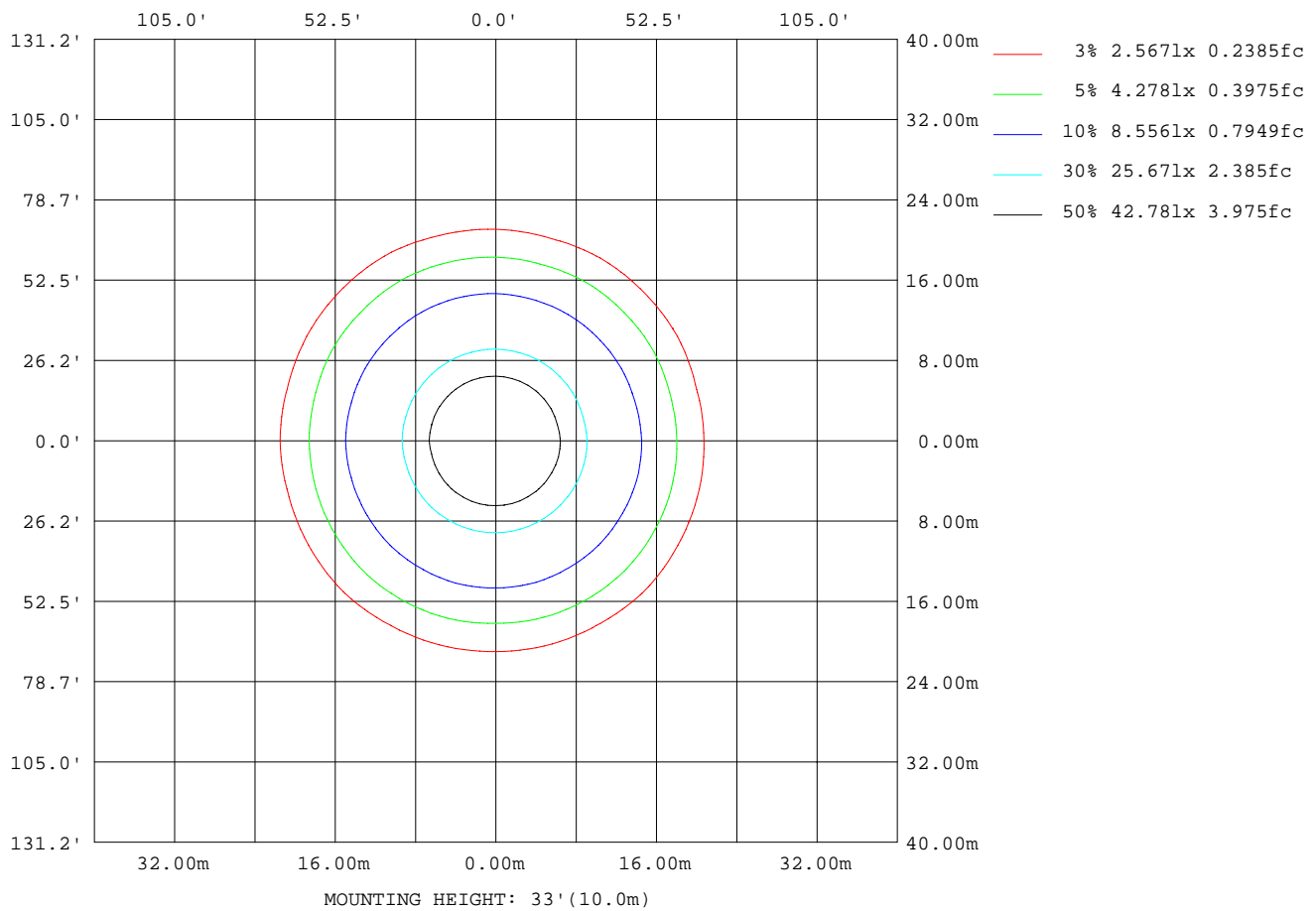
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-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:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

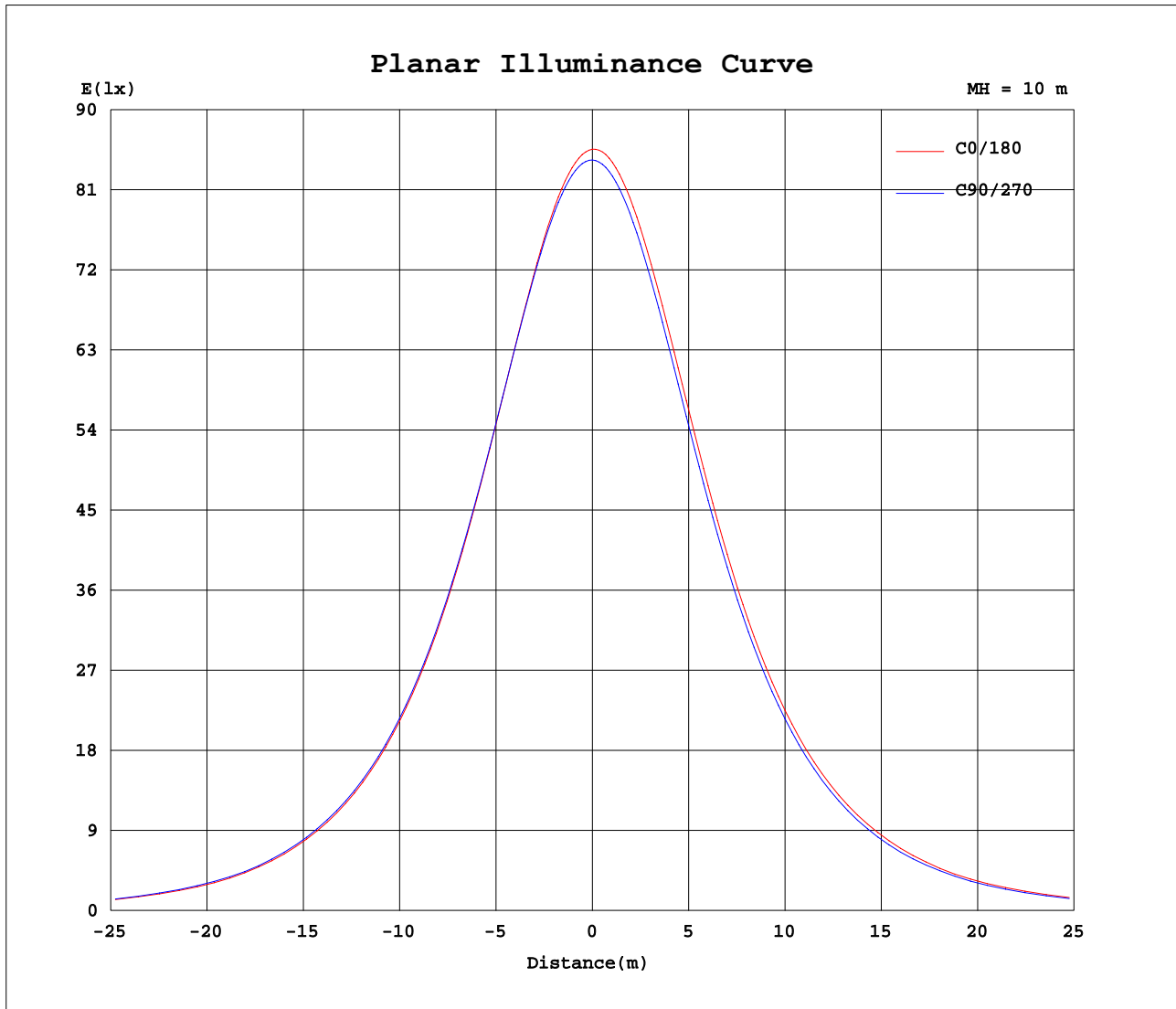
AvgL	cd/m2
L_0~180 (65) av	138200
L_0~180 (75) av	77602
L_0~180 (85) av	10711
L_90~270 (65) av	137862
L_90~270 (75) av	75408
L_90~270 (85) av	8105
L_45 (65) av	142397
L_45 (75) av	77322
L_45 (85) av	9102

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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: 2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-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	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456	8456
5	8402	8407	8409	8418	8422	8431	8433	8439	8443	8450	8450	8452	8451	8445	8443	8437	8434	8427	8421
10	8297	8306	8309	8323	8329	8346	8352	8367	8373	8387	8386	8392	8390	8378	8375	8361	8354	8339	8331
15	8137	8149	8152	8172	8179	8204	8215	8238	8247	8266	8266	8273	8270	8254	8247	8227	8218	8197	8187
20	7922	7935	7937	7962	7972	8004	8018	8050	8062	8087	8087	8097	8092	8070	8062	8036	8023	7997	7986
25	7645	7663	7664	7693	7706	7746	7763	7803	7818	7848	7849	7864	7855	7825	7818	7783	7769	7735	7724
30	7313	7332	7332	7368	7382	7429	7448	7495	7513	7548	7549	7566	7559	7524	7515	7477	7460	7422	7408
35	6922	6938	6940	6981	6999	7052	7074	7124	7147	7188	7191	7209	7197	7162	7149	7108	7090	7048	7033
40	6467	6486	6486	6532	6552	6611	6634	6692	6717	6762	6767	6789	6776	6737	6722	6676	6658	6616	6599
45	5952	5974	5970	6020	6041	6106	6131	6193	6217	6273	6278	6307	6289	6247	6237	6185	6167	6123	6105
50	5367	5395	5387	5441	5459	5528	5553	5620	5643	5704	5713	5749	5734	5688	5679	5628	5613	5564	5540
55	4693	4740	4733	4789	4802	4873	4890	4959	4976	5048	5057	5106	5093	5046	5045	4995	4987	4934	4881
60	3883	3953	3973	4033	4040	4081	4040	4153	4203	4284	4294	4327	4315	4276	4319	4270	4275	4170	4103
65	2957	3010	3053	3163	3107	3145	3141	3206	3250	3388	3372	3368	3388	3352	3422	3432	3415	3250	3189
70	1930	1968	2005	2162	2063	2073	2051	2127	2173	2339	2262	2307	2348	2310	2394	2433	2371	2196	2145
75	915	847	823	992	919	968	1048	999	1023	1157	1055	1077	1267	1196	1154	1213	1122	1018	1072
80	297	269	206	327	226	342	372	360	308	433	353	388	457	409	345	380	347	317	370
85	18.3	19.2	18.8	21.0	19.9	32.8	40.0	51.6	51.1	80.0	66.9	71.3	83.2	56.9	43.9	48.2	41.1	28.5	36.8
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:2024-10-24

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:0.6927A P:149.5W PF:0.9842 Freq:50.00Hz Lamp Flux:24580.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	8456	8456	8456	8456	8456														
5	8414	8412	8405	8406	8402														
10	8317	8314	8304	8304	8297														
15	8167	8163	8149	8147	8138														
20	7963	7957	7938	7936	7923														
25	7697	7692	7669	7665	7650														
30	7376	7371	7345	7343	7321														
35	6998	6990	6961	6957	6932														
40	6561	6551	6521	6512	6481														
45	6060	6041	5998	5994	5965														
50	5465	5420	5359	5366	5357														
55	4775	4740	4689	4689	4663														
60	3992	4016	3955	3958	3885														
65	3081	3132	3094	3084	2960														
70	2041	2085	2059	2011	1907														
75	933	920	986	859	831														
80	316	264	304	258	263														
85	22.0	25.4	23.2	23.2	17.9														
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:2024-10-24

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: