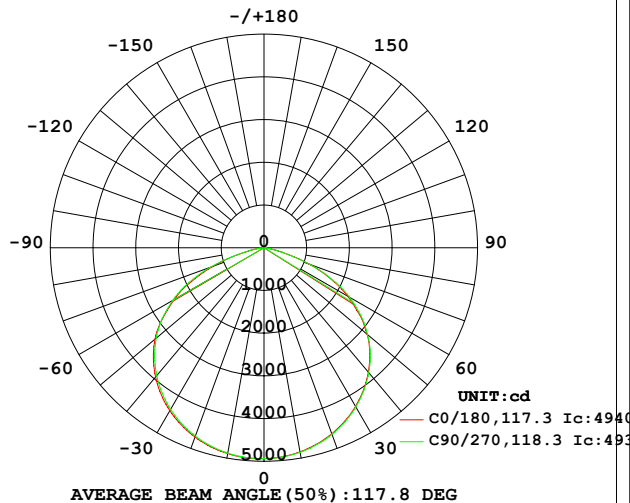


LUMINAIRE PHOTOMETRIC TEST REPORT

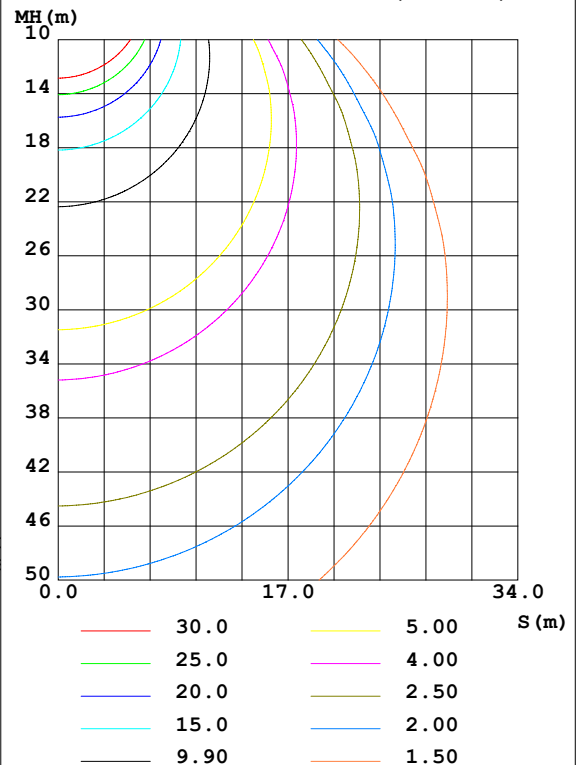
Test:U:219.3V I:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 179.40 lm/W			
MODEL	2835	I _{max} (cd)	4940	S/MH (C0/180)	1.33
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.32
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	14288	η UP, DN (C0-180)	0.0, 49.3
NOMINAL FLUX (lm)	14288.4	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.7
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	4852	4851	4861	4881	4894	4893	4883	4865	0- 10	468.2	468.2	3.28, 3.28
20	4636	4635	4651	4693	4719	4716	4695	4661	10- 20	1353	1822	12.7, 12.7
30	4286	4285	4302	4367	4406	4398	4372	4322	20- 30	2087	3909	27.4, 27.4
40	3801	3789	3815	3895	3949	3934	3906	3849	30- 40	2580	6489	45.4, 45.4
50	3152	3151	3163	3271	3333	3323	3295	3229	40- 50	2757	9246	64.7, 64.7
60	2265	2338	2310	2446	2432	2529	2469	2426	50- 60	2539	11784	82.5, 82.5
70	1130	1130	1138	1199	1271	1357	1349	1226	60- 70	1813	13598	95.2, 95.2
80	169.1	144.2	157.1	191.2	247.3	195.1	229.4	167.9	70- 80	638.5	14236	99.6, 99.6
90	0	0	0	0	0	0	0	0	80- 90	52.35	14288	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	14288	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	14288	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	14288	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	14288	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	14288	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	14288	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	14288	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	14288	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	14288	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 7867.3 lm

%lum = 55.1%

%lamp = 55.1%

Conical surface Flux(120deg): 11784 lm

%lum = 82.5%

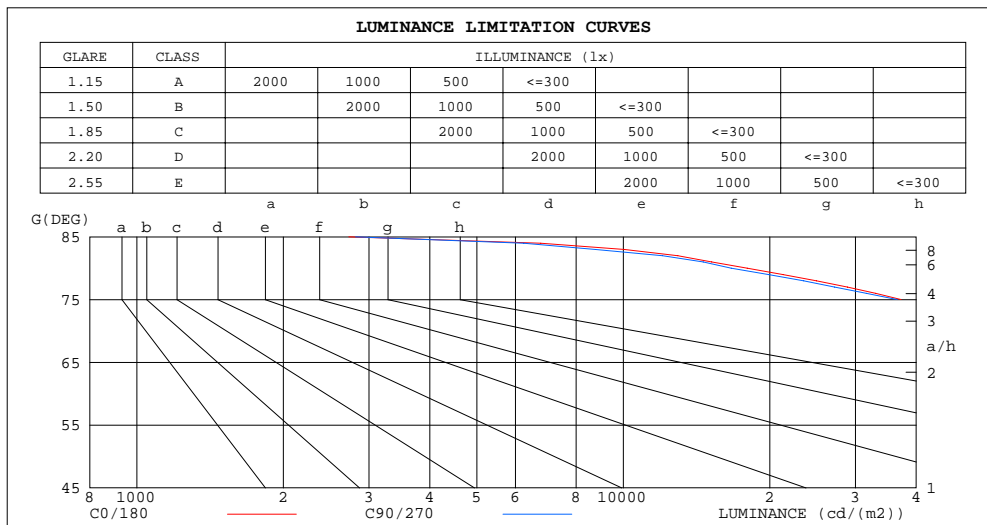
%lamp = 82.5%

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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



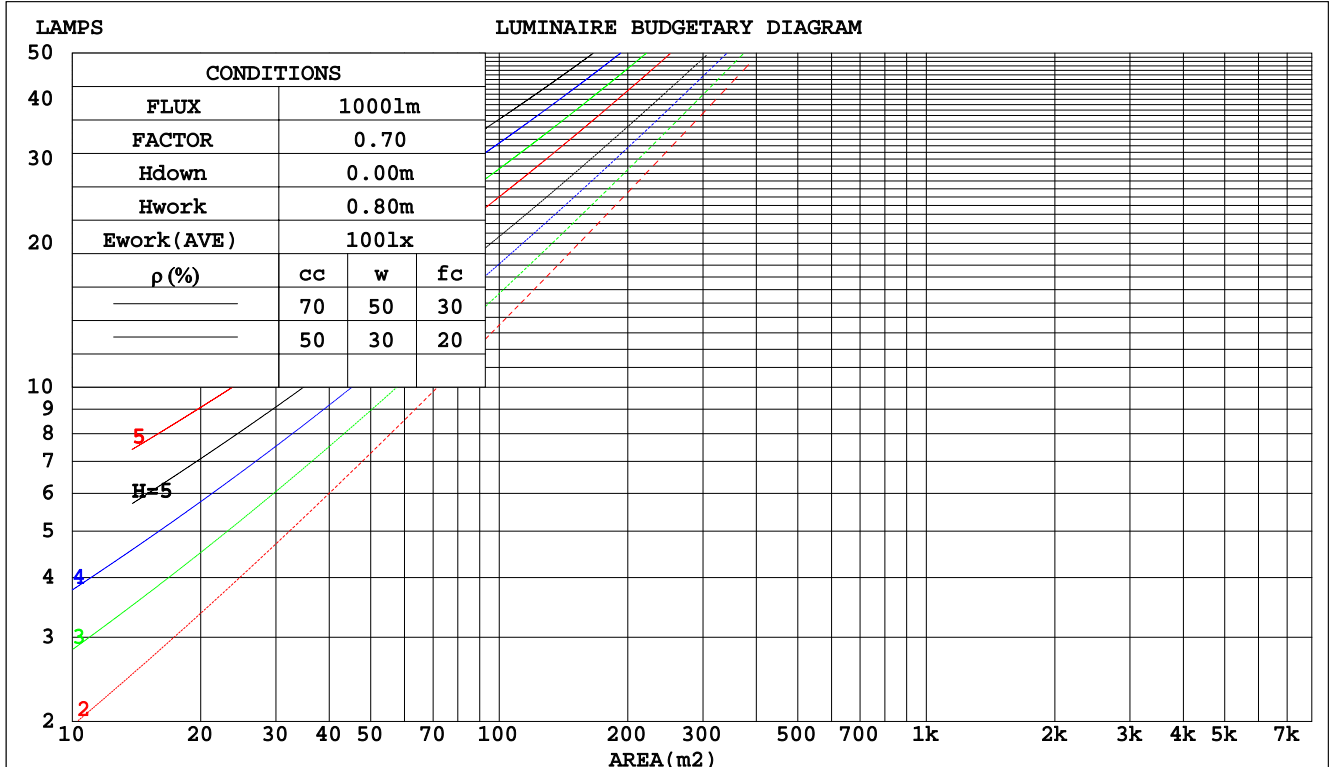
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.3V I:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-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	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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.75	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.60
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.52
5.0	.64	.55	.48	.63	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.44
6.0	.57	.48	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.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:

WEC AND CCEC

Test:U:219.3V I:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-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	.284	.162	.051	.277	.158	.050	.264	.152	.048	.252	.145	.047	.241	.140	.045		
2.0	.277	.152	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042		
3.0	.260	.139	.042	.255	.137	.041	.245	.133	.040	.235	.129	.040	.226	.125	.039		
4.0	.243	.126	.037	.238	.125	.037	.229	.121	.036	.221	.118	.036	.213	.116	.035		
5.0	.226	.115	.033	.222	.114	.033	.214	.111	.033	.206	.109	.032	.199	.107	.032		
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029		
7.0	.197	.097	.028	.194	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.184	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.160	.078	.022	.156	.076	.021	.151	.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	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.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	.128	.069	.029	.111	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-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	28.6	30.1	28.8	30.3	30.5	28.6	30.1	28.9	30.3	30.5
3H	29.7	31.1	30.0	31.3	31.5	29.7	31.1	30.0	31.3	31.5
4H	29.9	31.2	30.2	31.4	31.7	29.9	31.2	30.2	31.4	31.7
6H	29.8	31.1	30.2	31.3	31.6	29.8	31.1	30.2	31.3	31.6
8H	29.8	31.0	30.1	31.3	31.6	29.8	31.0	30.1	31.3	31.6
12H	29.8	30.9	30.1	31.2	31.5	29.8	30.9	30.1	31.2	31.5
4H 2H	29.1	30.4	29.4	30.7	30.9	29.1	30.5	29.5	30.7	31.0
3H	30.3	31.5	30.7	31.8	32.1	30.3	31.5	30.7	31.7	32.0
4H	30.5	31.6	30.9	31.9	32.2	30.5	31.6	30.9	31.9	32.2
6H	30.5	31.5	30.9	31.8	32.2	30.5	31.4	30.9	31.8	32.2
8H	30.5	31.4	30.9	31.7	32.1	30.5	31.3	30.9	31.7	32.1
12H	30.5	31.2	30.9	31.6	32.0	30.5	31.2	30.9	31.6	32.0
8H 4H	30.5	31.4	30.9	31.7	32.1	30.5	31.4	30.9	31.7	32.1
6H	30.6	31.3	31.0	31.7	32.1	30.6	31.3	31.0	31.7	32.1
8H	30.6	31.2	31.0	31.6	32.0	30.5	31.2	31.0	31.6	32.0
12H	30.5	31.0	31.0	31.5	32.0	30.5	31.0	31.0	31.5	32.0
12H 4H	30.5	31.3	30.9	31.7	32.1	30.5	31.3	30.9	31.7	32.1
6H	30.5	31.2	31.0	31.6	32.0	30.5	31.1	31.0	31.6	32.0
8H	30.5	31.1	31.0	31.5	32.0	30.5	31.0	31.0	31.5	32.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				

CIE Pub.117, 14288 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.2$)

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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

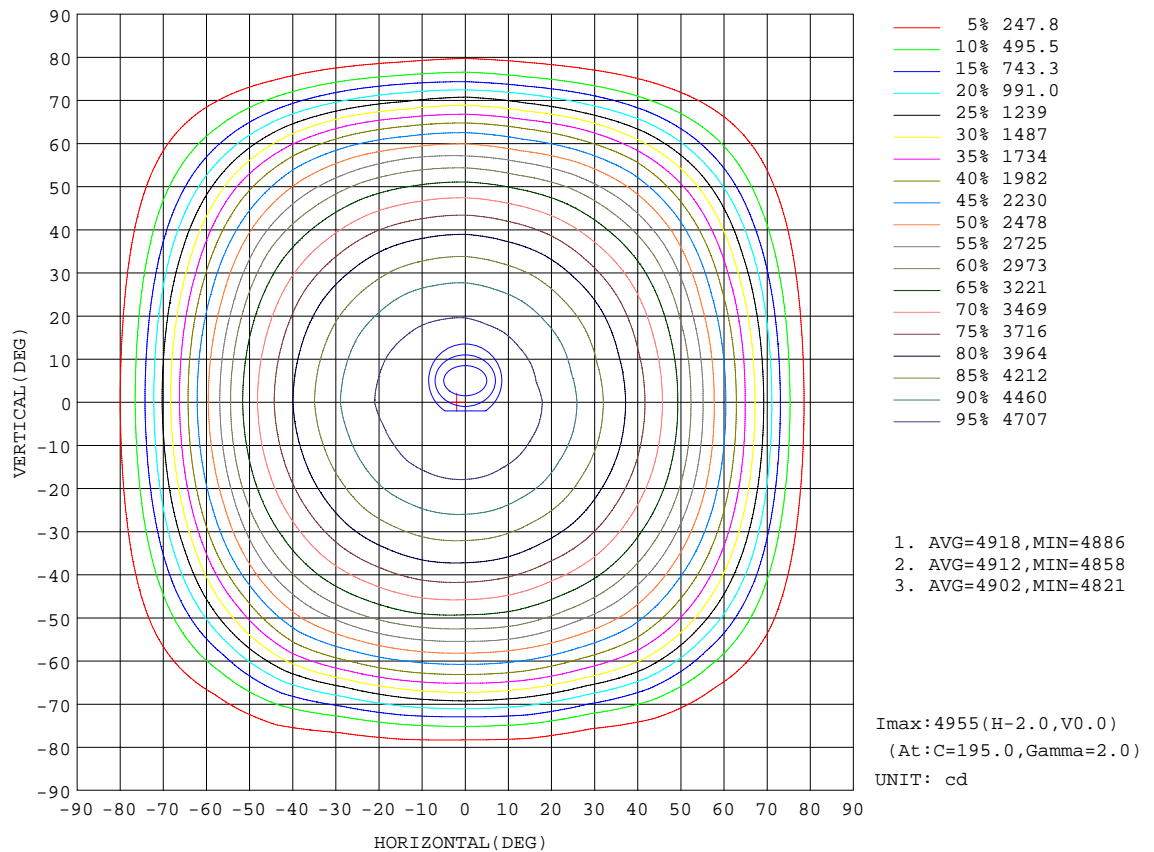
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	59	76	65	59	73	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	72	85	77	71	64
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	93	89	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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



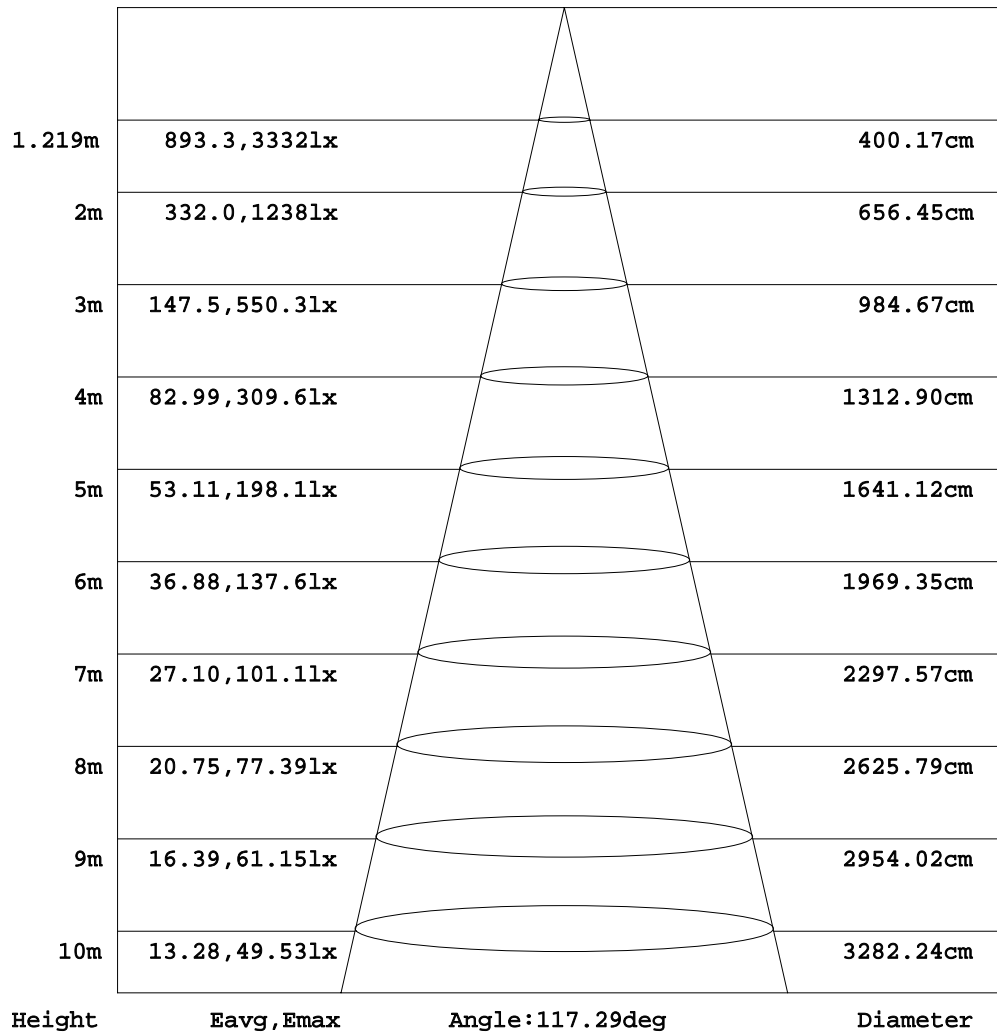
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-24

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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Flux out:11554 lm



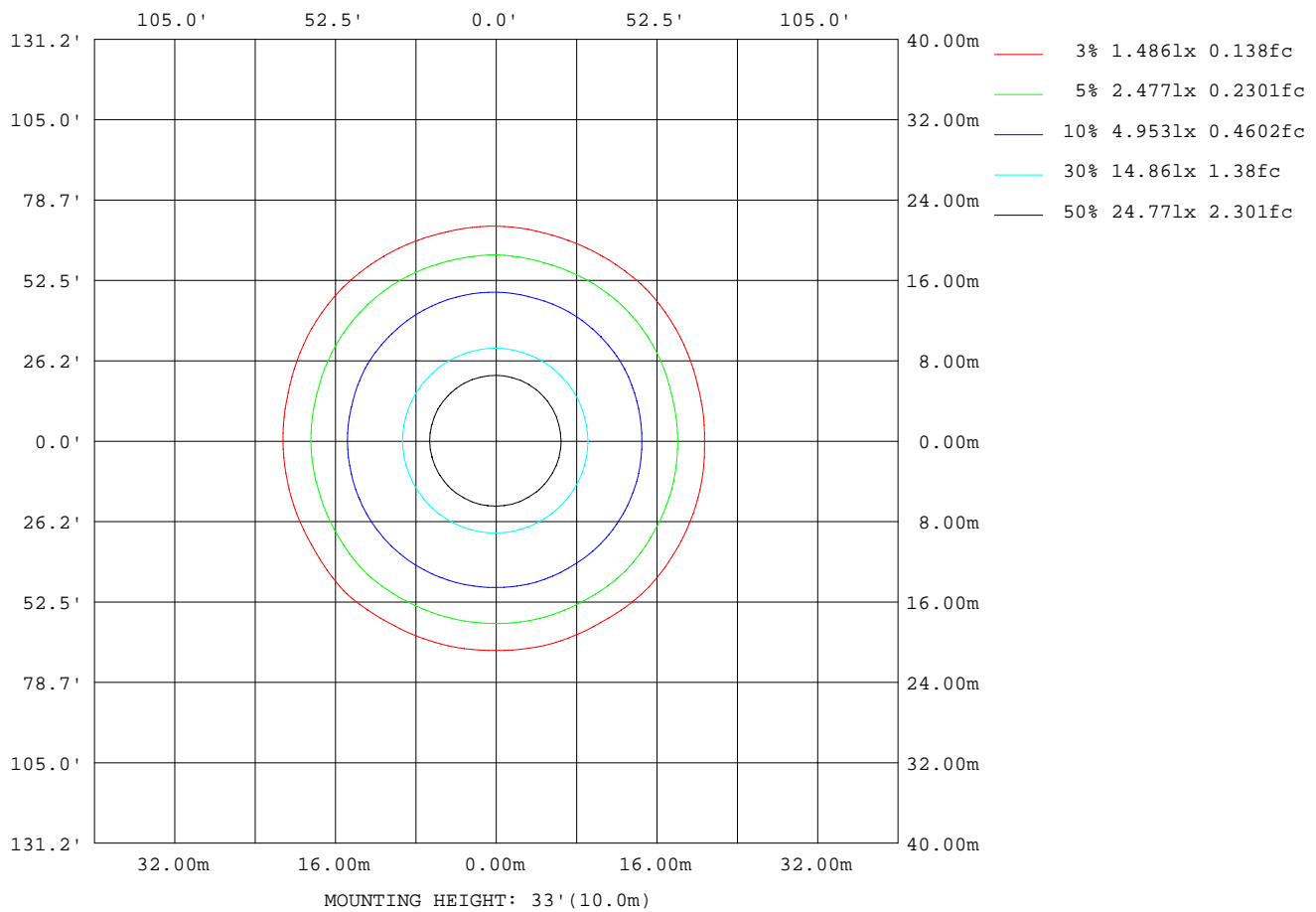
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-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:

LED Avg.L Report

Test:U:219.3V I:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

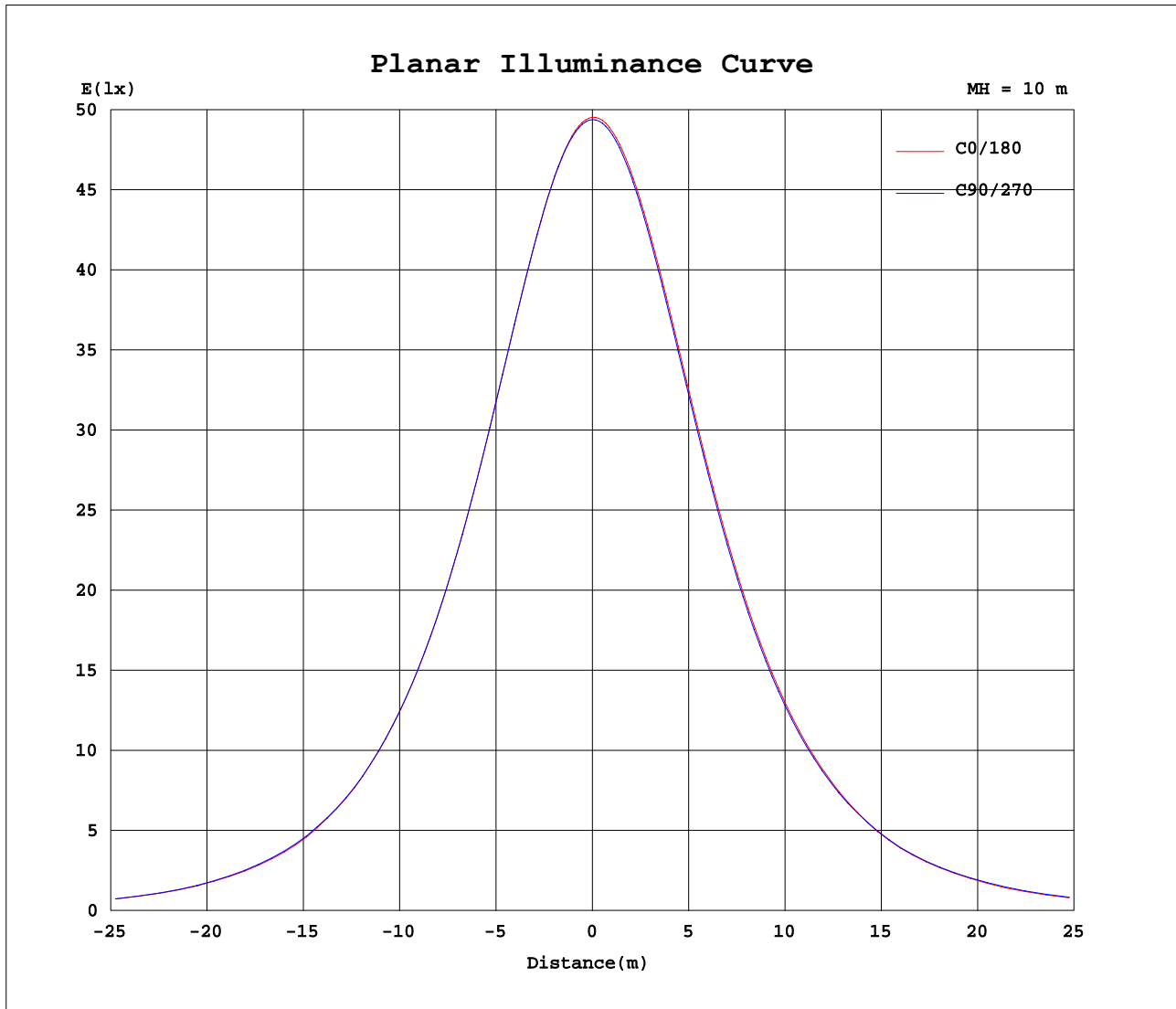
AvgL	cd/m2
L_0~180 (65) av	78213
L_0~180 (75) av	41659
L_0~180 (85) av	6775
L_90~270 (65) av	80668
L_90~270 (75) av	41851
L_90~270 (85) av	4821
L_45 (65) av	83420
L_45 (75) av	40090
L_45 (85) av	5823

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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-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	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938	4938
5	4911	4912	4909	4911	4911	4914	4916	4920	4922	4926	4927	4931	4932	4933	4933	4931	4931	4928	4927
10	4852	4852	4848	4851	4852	4857	4861	4869	4873	4881	4883	4891	4894	4894	4895	4893	4892	4885	4883
15	4760	4761	4756	4760	4760	4768	4772	4785	4792	4805	4808	4818	4824	4822	4826	4820	4820	4809	4806
20	4636	4637	4629	4635	4634	4646	4651	4668	4676	4693	4698	4712	4719	4717	4722	4716	4713	4702	4695
25	4478	4480	4471	4478	4475	4488	4493	4515	4525	4547	4555	4570	4579	4577	4583	4574	4572	4556	4550
30	4286	4287	4277	4285	4280	4295	4302	4327	4339	4367	4376	4396	4406	4403	4410	4398	4396	4377	4372
35	4062	4062	4049	4055	4048	4067	4077	4106	4120	4149	4162	4185	4197	4195	4198	4184	4181	4163	4156
40	3801	3801	3785	3789	3781	3802	3815	3848	3863	3895	3909	3937	3949	3947	3950	3934	3932	3912	3906
45	3503	3504	3486	3489	3478	3507	3517	3555	3569	3603	3618	3650	3664	3660	3664	3648	3648	3625	3619
50	3152	3168	3149	3151	3142	3170	3163	3218	3234	3271	3285	3320	3333	3331	3337	3323	3326	3302	3295
55	2732	2754	2763	2769	2751	2778	2768	2802	2847	2891	2900	2917	2899	2914	2968	2953	2959	2937	2919
60	2265	2282	2288	2338	2300	2309	2310	2327	2362	2446	2414	2404	2432	2432	2501	2529	2520	2473	2469
65	1717	1758	1787	1818	1754	1768	1751	1780	1806	1910	1838	1870	1874	1901	1987	2026	1999	1955	1952
70	1130	1122	1093	1130	1067	1117	1138	1138	1113	1199	1173	1191	1271	1270	1325	1357	1336	1287	1349
75	522	499	454	487	441	508	514	517	500	573	527	590	650	642	629	647	655	651	663
80	169	156	126	144	127	160	157	160	148	191	154	208	247	228	204	195	192	203	229
85	12.9	12.7	12.1	13.2	12.0	13.3	13.3	18.7	20.1	37.8	26.3	39.7	51.3	45.0	33.0	41.4	35.5	33.2	32.3
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:0.3772A P:79.65W PF:0.9631 Freq:50.00Hz Lamp Flux:14288.4x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-80WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	4938	4938	4938	4938	4938													
5	4923	4921	4918	4916	4913													
10	4874	4873	4865	4862	4855													
15	4794	4790	4779	4775	4766													
20	4681	4676	4661	4655	4643													
25	4534	4526	4509	4502	4486													
30	4351	4342	4322	4315	4297													
35	4135	4125	4102	4094	4074													
40	3884	3876	3849	3838	3816													
45	3595	3587	3558	3547	3521													
50	3265	3259	3229	3217	3183													
55	2867	2888	2855	2836	2770													
60	2404	2432	2426	2372	2282													
65	1903	1896	1906	1837	1746													
70	1240	1210	1226	1177	1114													
75	594	575	548	525	499													
80	198	168	168	136	155													
85	27.5	24.7	17.9	14.1	12.9													
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: