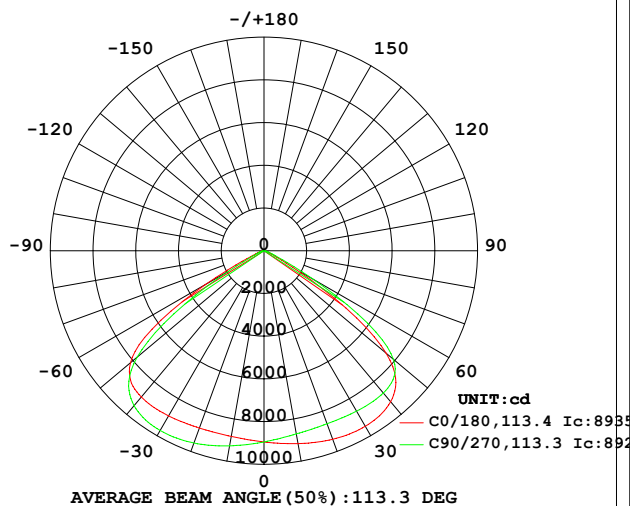


LUMINAIRE PHOTOMETRIC TEST REPORT

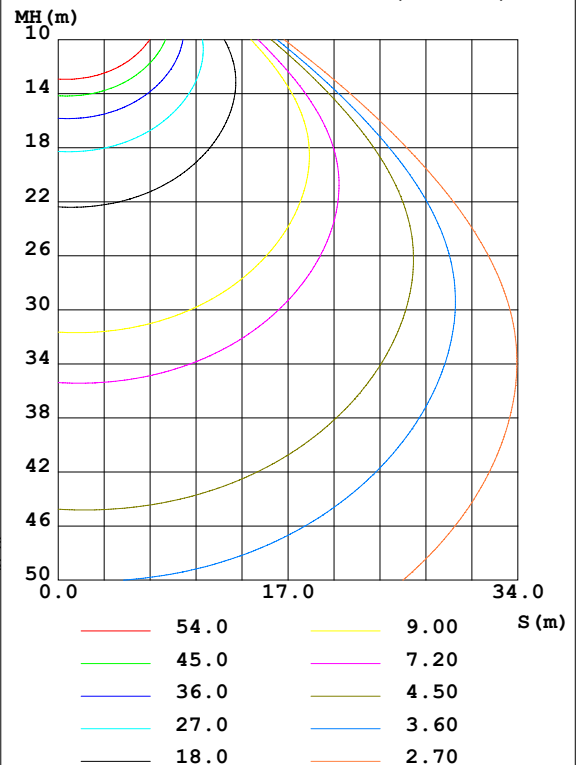
Test:U:219.3V I:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 171.44 lm/W			
MODEL	2835	I _{max} (cd)	9763	S/MH (C0/180)	1.53
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.62
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	25968	η UP,DN (C0-180)	0.0,49.6
NOMINAL FLUX (lm)	25967.8	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.75

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:2024-8-24

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	9169	8928	8708	8660	8828	9082	9273	9311	0- 10	856.6	856.6	3.3,3.3
20	9392	9004	8623	8540	8834	9277	9579	9622	10- 20	2567	3424	13.2,13.2
30	9488	9096	8671	8568	8929	9423	9717	9728	20- 30	4243	7667	29.5,29.5
40	9226	9003	8693	8627	8938	9322	9464	9391	30- 40	5765	13432	51.7,51.7
50	7466	7784	7910	8124	8161	8065	7746	7411	40- 50	6696	20128	77.5,77.5
60	1552	2129	2613	3297	3198	2492	1919	1564	50- 60	4771	24899	95.9,95.9
70	232.1	276.4	326.7	395.0	356.7	298.2	267.6	241.9	60- 70	865.1	25764	99.2,99.2
80	54.92	62.21	84.77	97.53	100.4	77.80	74.31	54.82	70- 80	178.0	25942	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	25.68	25968	100,100
100	0	0	0	0	0	0	0	0	90-100	0	25968	100,100
110	0	0	0	0	0	0	0	0	100-110	0	25968	100,100
120	0	0	0	0	0	0	0	0	110-120	0	25968	100,100
130	0	0	0	0	0	0	0	0	120-130	0	25968	100,100
140	0	0	0	0	0	0	0	0	130-140	0	25968	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25968	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25968	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25968	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25968	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 16746 lm

%lum = 64.5%

%lamp = 64.5%

Conical surface Flux(120deg): 24899 lm

%lum = 95.9%

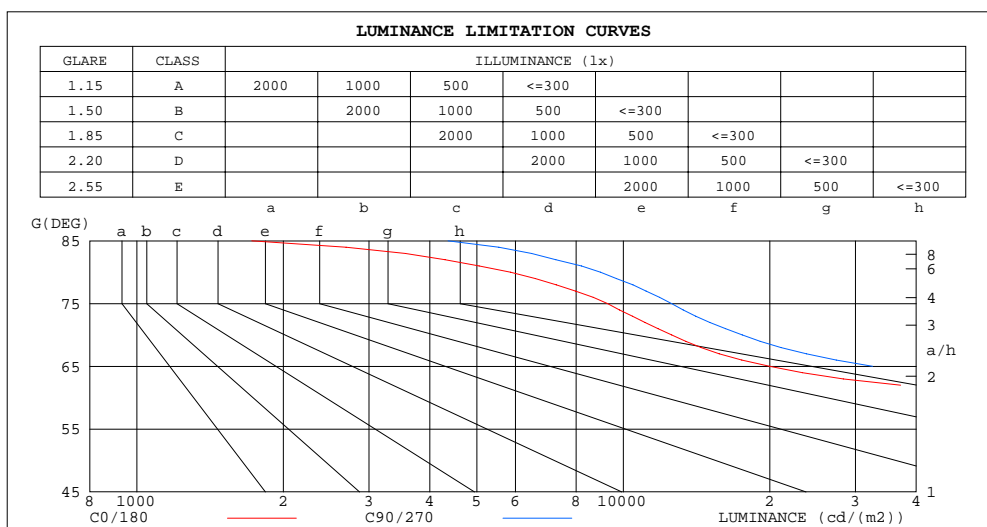
%lamp = 95.9%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



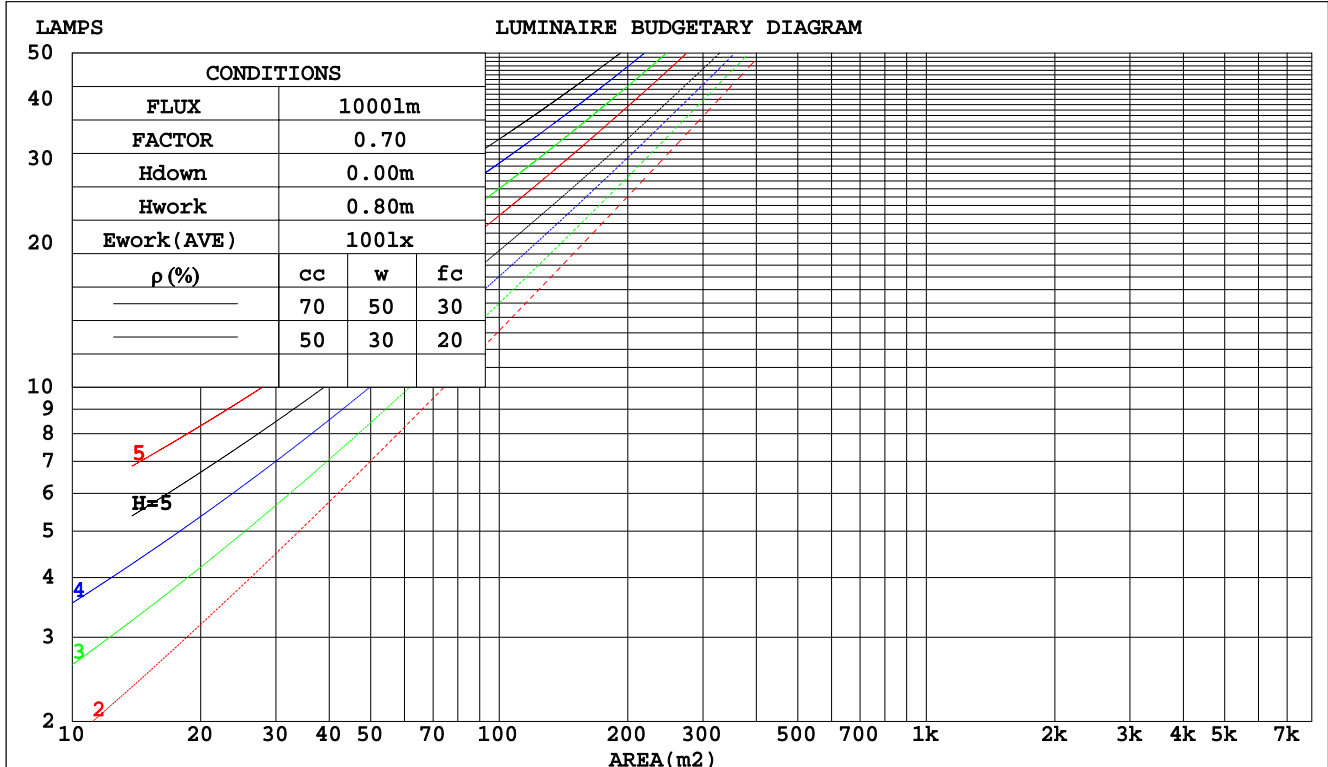
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.90	.85	.94	.89	.84	.91	.86	.82	.87	.84	.81	.84	.81	.79	.77
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.68	.66
4.0	.76	.68	.62	.75	.68	.62	.73	.66	.61	.70	.65	.60	.68	.63	.60	.58
5.0	.68	.60	.54	.67	.60	.54	.65	.58	.53	.63	.57	.53	.61	.56	.52	.50
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.47	.42	.55	.47	.41	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.42	.37	.49	.42	.37	.47	.41	.36	.46	.41	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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	.243	.138	.044	.236	.135	.043	.223	.128	.041	.211	.122	.039	.200	.116	.037		
2.0	.241	.132	.040	.235	.129	.040	.224	.124	.039	.213	.120	.037	.204	.115	.036		
3.0	.232	.123	.037	.227	.121	.037	.217	.117	.036	.207	.114	.035	.199	.110	.034		
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.191	.104	.032		
5.0	.209	.106	.031	.205	.105	.031	.197	.103	.030	.190	.100	.030	.183	.098	.029		
6.0	.197	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.028	.174	.092	.027		
7.0	.186	.092	.026	.183	.091	.026	.177	.089	.026	.171	.088	.026	.166	.086	.025		
8.0	.176	.086	.024	.173	.085	.024	.168	.084	.024	.162	.082	.024	.157	.081	.024		
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022		
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.072	.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	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.092	.068	.048	.053	.040	.029	.017	.013	.009	
4.0	.150	.100	.063	.129	.087	.054	.088	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-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	30.2	31.6	30.4	31.7	31.9	30.7	32.0	30.9	32.2	32.4
3H	30.0	31.3	30.3	31.5	31.7	30.5	31.8	30.8	32.0	32.2
4H	29.9	31.1	30.2	31.3	31.6	30.4	31.6	30.7	31.8	32.1
6H	29.8	30.9	30.1	31.2	31.4	30.3	31.4	30.6	31.7	32.0
8H	29.7	30.8	30.1	31.1	31.4	30.3	31.3	30.6	31.6	31.9
12H	29.7	30.7	30.0	31.0	31.3	30.2	31.2	30.6	31.5	31.8
4H 2H	30.1	31.3	30.4	31.5	31.8	30.5	31.7	30.9	32.0	32.2
3H	29.9	31.0	30.3	31.3	31.5	30.4	31.4	30.8	31.7	32.0
4H	29.9	30.8	30.2	31.1	31.4	30.3	31.3	30.7	31.6	31.9
6H	29.8	30.6	30.2	30.9	31.3	30.3	31.1	30.6	31.4	31.8
8H	29.7	30.5	30.1	30.8	31.2	30.2	31.0	30.6	31.3	31.7
12H	29.7	30.4	30.1	30.7	31.1	30.2	30.8	30.6	31.2	31.6
8H 4H	29.7	30.5	30.1	30.8	31.2	30.2	30.9	30.6	31.3	31.7
6H	29.7	30.3	30.1	30.7	31.1	30.1	30.7	30.6	31.1	31.6
8H	29.6	30.1	30.1	30.6	31.0	30.1	30.6	30.5	31.0	31.5
12H	29.6	30.0	30.1	30.5	30.9	30.1	30.5	30.5	31.0	31.4
12H 4H	29.7	30.4	30.1	30.7	31.1	30.2	30.8	30.6	31.2	31.6
6H	29.6	30.1	30.1	30.6	31.0	30.1	30.6	30.5	31.0	31.5
8H	29.6	30.0	30.1	30.5	30.9	30.1	30.5	30.5	30.9	31.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.8					+ 0.5 / - 0.7				
1.5H	+ 0.9 / - 1.9					+ 1.0 / - 2.6				
2.0H	+ 2.8 / - 9.6					+ 2.7 / - 8.8				

CIE Pub.117, 25968 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.3$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

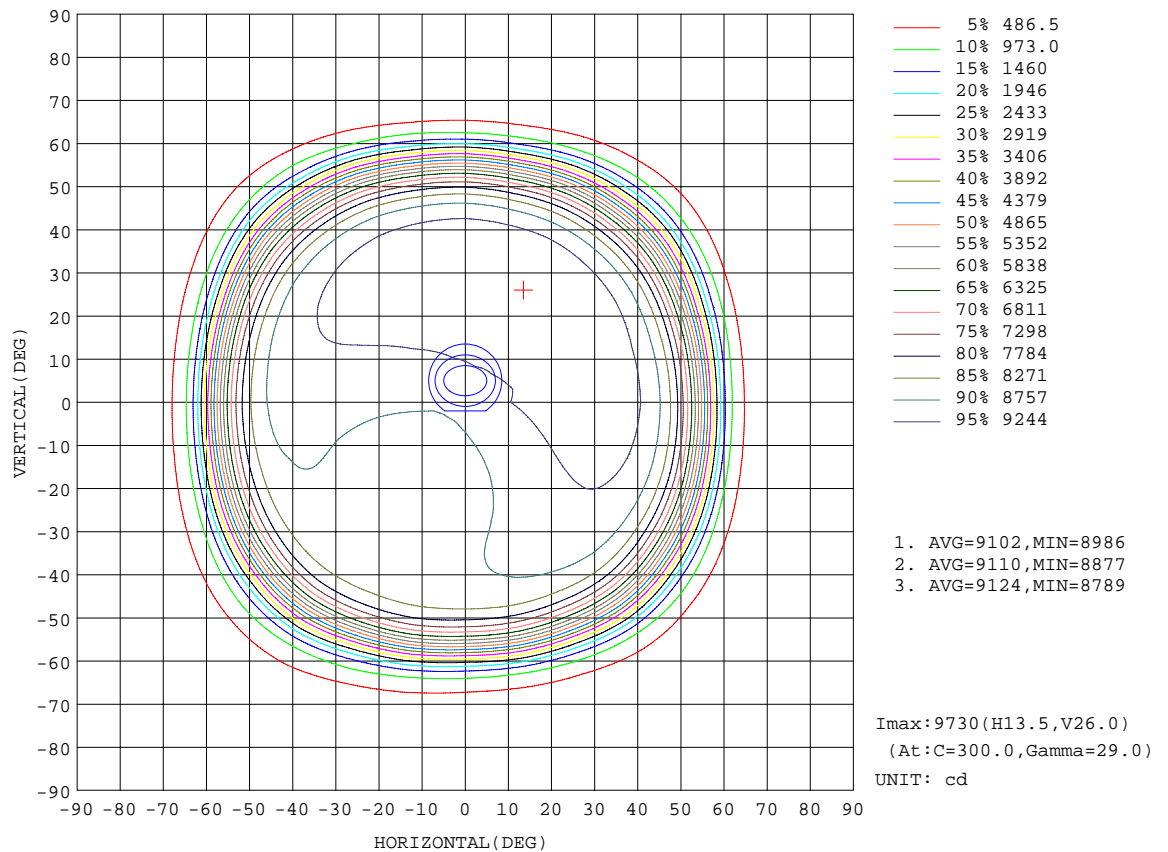
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	49	42	59	48	42	58	48	42	35
0.80	72	61	54	71	60	54	69	60	53	47
1.00	82	72	65	80	71	65	78	72	65	58
1.25	89	80	74	88	79	74	85	78	73	66
1.50	94	86	80	92	85	79	90	83	78	72
2.00	100	93	88	99	92	87	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	104	100	107	103	99	103	99	96	88
5.00	111	107	103	108	105	102	104	101	98	90
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:2024-8-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

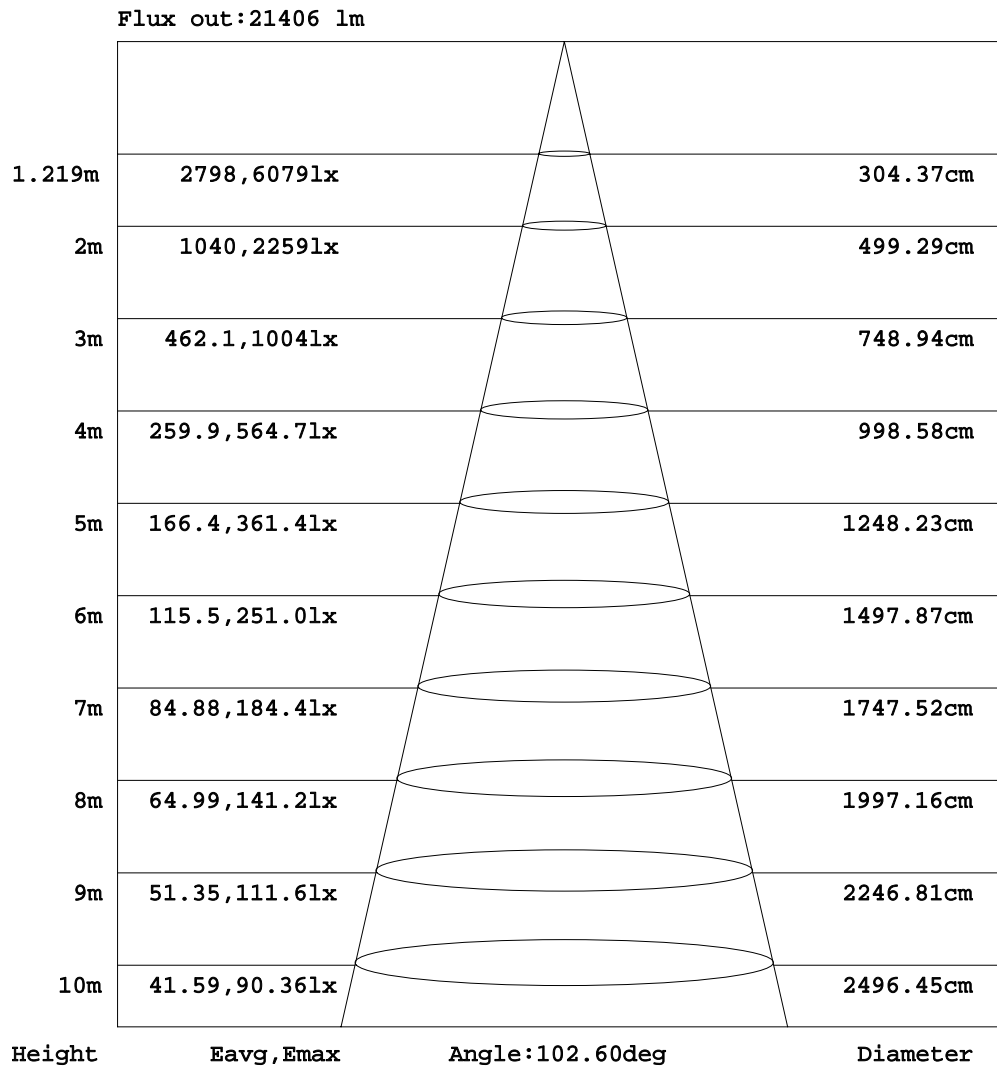


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



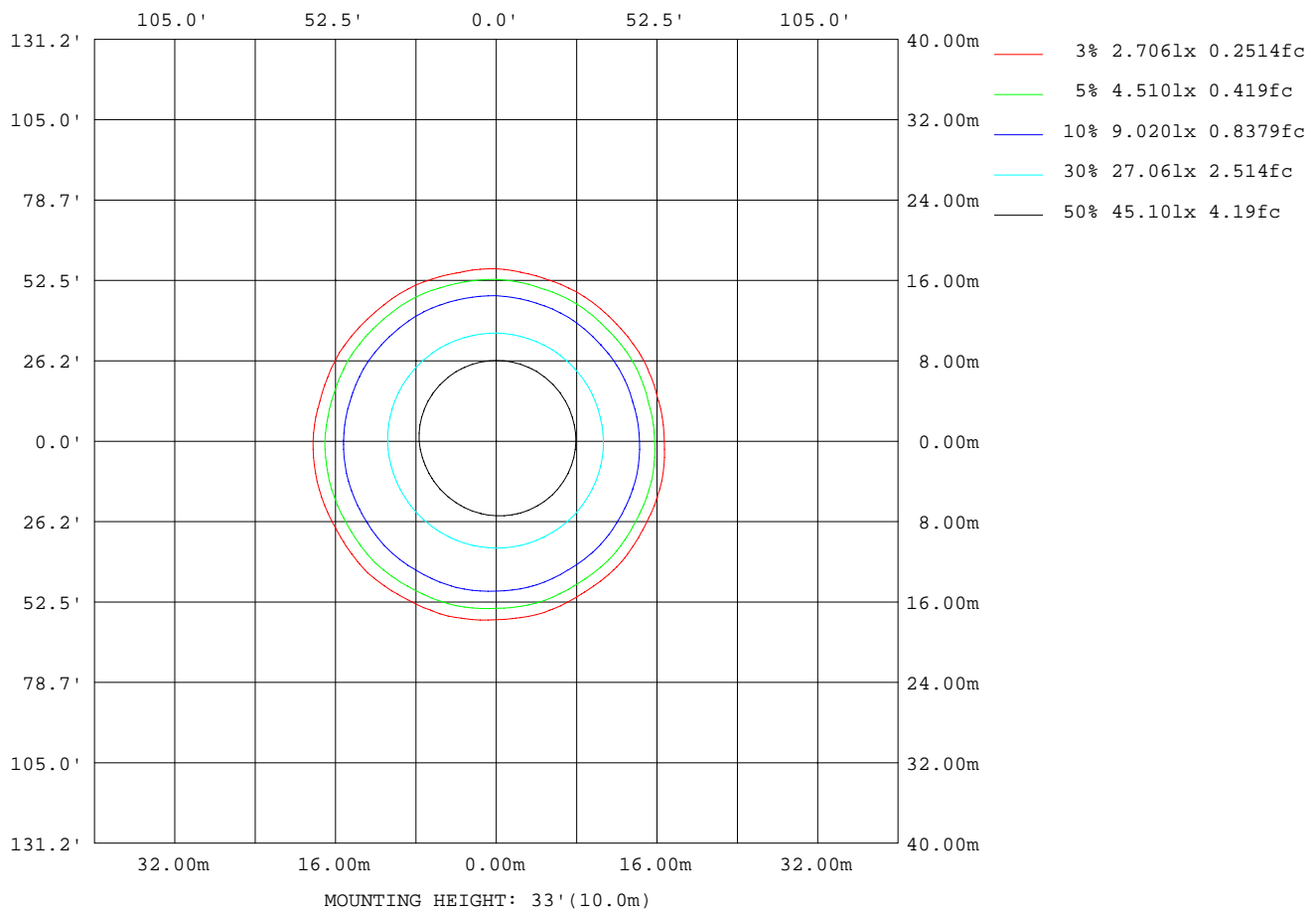
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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: 2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

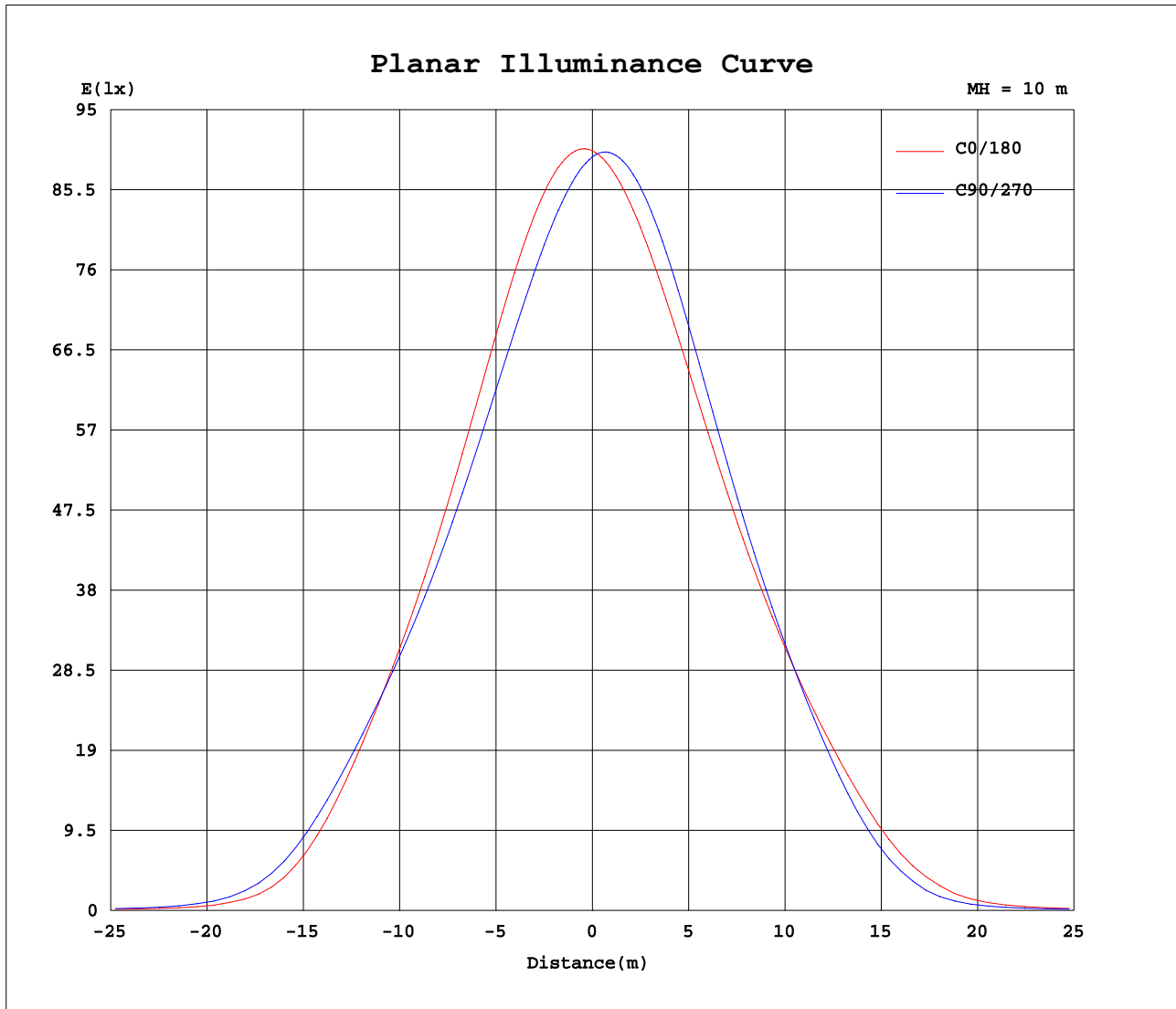
AvgL	cd/m2
L_0~180 (65) av	29297
L_0~180 (75) av	11529
L_0~180 (85) av	4100
L_90~270 (65) av	27595
L_90~270 (75) av	11762
L_90~270 (85) av	4063
L_45 (65) av	29351
L_45 (75) av	11545
L_45 (85) av	4036

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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: 2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-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	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952	8952
5	9054	9013	8971	8925	8885	8847	8814	8793	8785	8790	8809	8838	8875	8917	8962	9008	9047	9083	9106
10	9169	9094	9014	8928	8848	8770	8708	8666	8650	8660	8698	8756	8828	8911	8996	9082	9159	9226	9273
15	9287	9186	9076	8955	8845	8733	8648	8585	8565	8579	8635	8714	8815	8935	9056	9175	9282	9373	9437
20	9392	9277	9148	9004	8865	8727	8623	8549	8525	8540	8609	8706	8834	8982	9132	9277	9402	9505	9579
25	9467	9349	9212	9057	8903	8752	8635	8550	8523	8539	8618	8732	8875	9047	9211	9364	9499	9602	9678
30	9488	9379	9247	9096	8944	8790	8671	8588	8551	8568	8655	8781	8929	9106	9271	9423	9549	9648	9717
35	9429	9340	9228	9097	8958	8818	8704	8628	8592	8610	8699	8823	8964	9132	9290	9425	9535	9611	9668
40	9226	9178	9093	9003	8896	8787	8693	8632	8604	8627	8708	8823	8938	9084	9218	9322	9402	9435	9464
45	8730	8749	8710	8695	8637	8595	8541	8525	8514	8550	8610	8705	8772	8867	8956	8990	9020	8977	8963
50	7466	7616	7647	7784	7801	7891	7910	8031	8056	8124	8136	8163	8161	8165	8170	8065	8007	7825	7746
55	4687	4963	5067	5407	5516	5833	5928	6228	6296	6484	6407	6484	6400	6233	6144	5855	5696	5313	5150
60	1552	1747	1815	2129	2215	2584	2613	2962	2988	3297	3125	3259	3198	2877	2835	2492	2357	2031	1919
65	456	490	506	588	608	697	748	868	975	985	999	919	889	783	753	664	620	537	519
70	232	244	246	276	281	307	327	361	373	395	376	369	357	328	319	298	288	267	268
75	130	131	132	144	149	165	177	187	192	204	196	196	195	183	175	167	163	156	154
80	54.9	54.2	50.4	62.2	61.0	75.3	84.8	89.9	84.2	97.5	91.7	98.0	100	90.7	79.5	77.8	76.4	73.3	74.3
85	8.10	7.63	8.81	12.2	12.2	15.4	20.7	16.9	20.7	31.5	27.6	25.4	30.7	20.5	19.1	23.6	20.5	14.6	17.8
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:2024-8-24

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:0.7011A P:151.5W PF:0.9852 Freq:50.00Hz Lamp Flux:25967.8x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-120D-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	8952	8952	8952	8952	8952														
5	9135	9132	9128	9111	9088														
10	9312	9318	9311	9280	9235														
15	9482	9495	9484	9444	9380														
20	9626	9643	9622	9577	9505														
25	9722	9735	9709	9664	9585														
30	9751	9762	9728	9683	9605														
35	9682	9684	9646	9611	9534														
40	9445	9443	9391	9368	9305														
45	8894	8874	8810	8807	8764														
50	7574	7535	7411	7448	7411														
55	4828	4757	4540	4586	4511														
60	1702	1698	1564	1586	1490														
65	482	483	458	461	442														
70	251	252	242	241	230														
75	145	140	135	130	129														
80	65.6	57.7	54.8	50.4	51.3														
85	10.4	10.9	9.16	8.77	6.49														
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:2024-8-24

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: