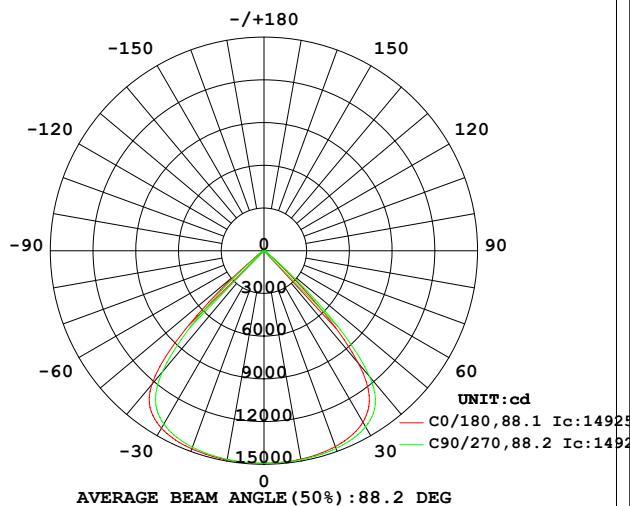


LUMINAIRE PHOTOMETRIC TEST REPORT

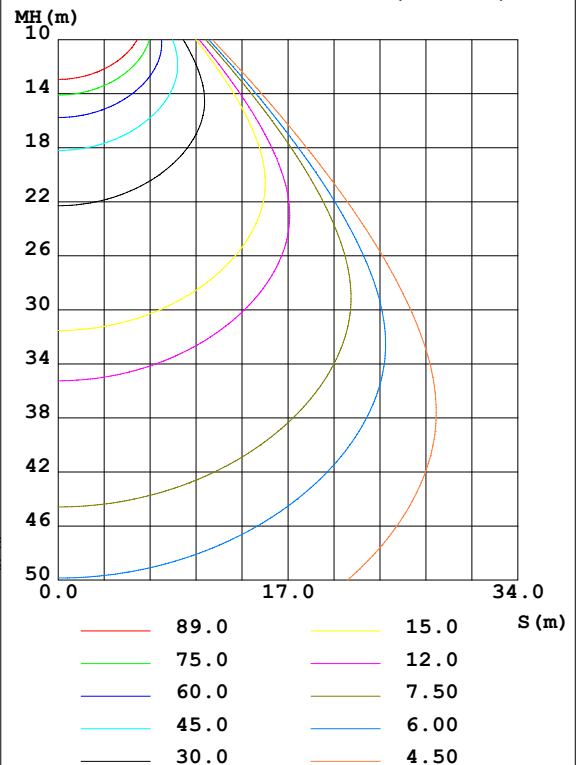
Test:U:219.3V I:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 172.83 lm/W			
MODEL	2835	I _{max} (cd)	14926	S/MH (C0/180)	1.34
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	26169	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	26169.1	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
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:2024-8-24

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	1487	1488	1490	1491	1491	1489	1487	1486	0- 10	1423	1423	5.44, 5.44
20	1464	1470	1478	1482	1480	1476	1469	1463	10- 20	4199	5622	21.5, 21.5
30	1390	1407	1428	1440	1439	1424	1406	1390	20- 30	6704	12326	47.1, 47.1
40	1030	1091	1155	1221	1225	1173	1111	1047	30- 40	8238	20564	78.6, 78.6
50	114.1	125.1	152.8	208.6	216.2	181.9	147.1	124.4	40- 50	4847	25411	97.1, 97.1
60	21.41	22.60	24.88	28.54	28.26	25.82	23.44	21.95	50- 60	498.3	25909	99.99
70	10.72	11.21	11.82	13.31	13.11	12.46	11.46	10.94	60- 70	171.2	26080	99.7, 99.7
80	2.835	2.863	3.476	3.881	4.240	3.579	3.558	2.779	70- 80	78.24	26158	100, 100
90	0	0	0	0	0	0	0	0	80- 90	10.66	26169	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	26169	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	26169	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	26169	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	26169	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	26169	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	26169	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	26169	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	26169	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	26169	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 23918 lm

%lum = 91.4%

%lamp = 91.4%

Conical surface Flux(120deg): 25909 lm

%lum = 99.0%

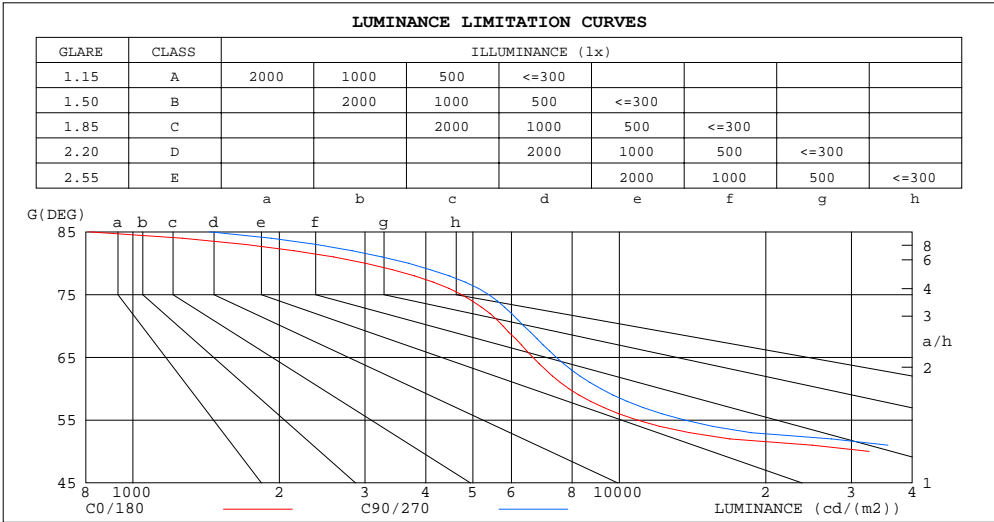
%lamp = 99.0%

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	812	1438
80	3002	3685
75	4739	5390
70	5765	6364
65	6644	7422
60	7874	9159
55	10886	13619
50	32636	43747
45	128641	169454

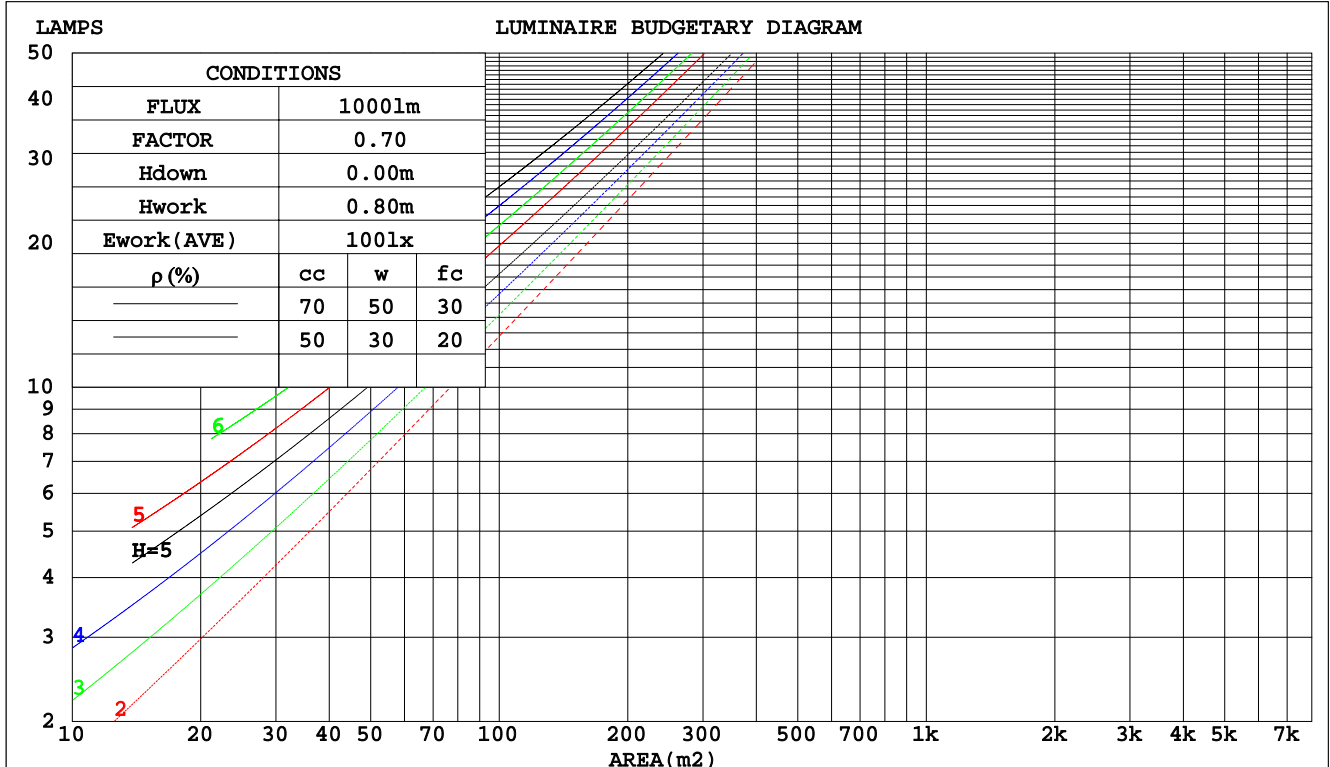
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2.0	1.00	.95	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.84	.78	.73	.83	.77	.72	.81	.75	.71	.79	.74	.70	.77	.73	.70	.68
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.73	.68	.64	.71	.67	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.58	.67	.62	.58	.66	.61	.57	.56
7.0	.66	.59	.54	.65	.58	.53	.63	.57	.53	.62	.57	.53	.61	.56	.52	.51
8.0	.61	.54	.49	.60	.53	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
9.0	.56	.49	.45	.56	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.43
10.0	.52	.46	.41	.52	.45	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.39



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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	.204	.116	.037	.197	.112	.036	.184	.106	.034	.172	.099	.032	.162	.094	.030		
2.0	.198	.109	.033	.193	.106	.033	.182	.101	.031	.172	.096	.030	.163	.092	.029		
3.0	.191	.102	.030	.186	.100	.030	.176	.096	.029	.168	.092	.028	.160	.088	.027		
4.0	.183	.095	.028	.178	.093	.028	.170	.090	.027	.162	.087	.026	.155	.084	.026		
5.0	.175	.089	.026	.171	.088	.026	.163	.085	.025	.157	.083	.025	.150	.080	.024		
6.0	.167	.084	.024	.163	.082	.024	.157	.080	.023	.151	.078	.023	.145	.076	.023		
7.0	.159	.079	.022	.156	.078	.022	.150	.076	.022	.145	.074	.022	.140	.073	.021		
8.0	.152	.074	.021	.149	.073	.021	.144	.072	.021	.139	.071	.020	.135	.069	.020		
9.0	.145	.070	.020	.143	.070	.020	.138	.068	.019	.134	.067	.019	.130	.066	.019		
10.0	.139	.067	.018	.137	.066	.018	.132	.065	.018	.128	.064	.018	.125	.063	.018		

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.080	.046	.109	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.104	.063	.034	.072	.044	.024	.042	.026	.014	.013	.008	.005	
8.0	.115	.066	.033	.099	.058	.029	.069	.040	.020	.040	.024	.012	.013	.008	.004	
9.0	.110	.061	.029	.095	.053	.025	.066	.037	.018	.038	.022	.011	.012	.007	.003	
10.0	.106	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	26.1	27.3	26.4	27.5	27.6	26.6	27.8	26.9	28.0	28.2
3H	26.0	27.0	26.2	27.2	27.4	26.5	27.5	26.7	27.7	27.9
4H	25.9	26.9	26.2	27.1	27.3	26.4	27.4	26.7	27.6	27.8
6H	25.8	26.7	26.1	27.0	27.2	26.3	27.2	26.6	27.5	27.7
8H	25.7	26.6	26.1	26.9	27.1	26.3	27.1	26.6	27.4	27.7
12H	25.7	26.5	26.0	26.8	27.1	26.2	27.0	26.5	27.3	27.6
4H 2H	25.9	26.8	26.2	27.1	27.3	26.4	27.4	26.7	27.6	27.8
3H	25.7	26.5	26.0	26.8	27.1	26.2	27.0	26.5	27.3	27.6
4H	25.6	26.4	26.0	26.7	27.0	26.1	26.9	26.5	27.2	27.5
6H	25.5	26.2	25.9	26.5	26.9	26.0	26.7	26.4	27.0	27.4
8H	25.5	26.1	25.9	26.4	26.8	26.0	26.6	26.4	27.0	27.3
12H	25.4	26.0	25.8	26.4	26.8	25.9	26.5	26.4	26.9	27.3
8H 4H	25.5	26.1	25.9	26.4	26.8	26.0	26.6	26.4	27.0	27.3
6H	25.4	25.9	25.8	26.3	26.7	25.9	26.4	26.3	26.8	27.2
8H	25.3	25.8	25.8	26.2	26.6	25.9	26.3	26.3	26.7	27.2
12H	25.3	25.7	25.8	26.1	26.6	25.8	26.2	26.3	26.6	27.1
12H 4H	25.4	26.0	25.8	26.4	26.8	25.9	26.5	26.4	26.9	27.3
6H	25.3	25.8	25.8	26.2	26.6	25.9	26.3	26.3	26.7	27.2
8H	25.3	25.7	25.8	26.1	26.6	25.8	26.2	26.3	26.6	27.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -13.5					+ 2.5 / -13.2				
1.5H	+ 4.3 / -12.7					+ 4.0 / -12.9				
2.0H	+ 7.7 / - 8.6					+ 8.0 / - 9.9				

CIE Pub.117, 26169 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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

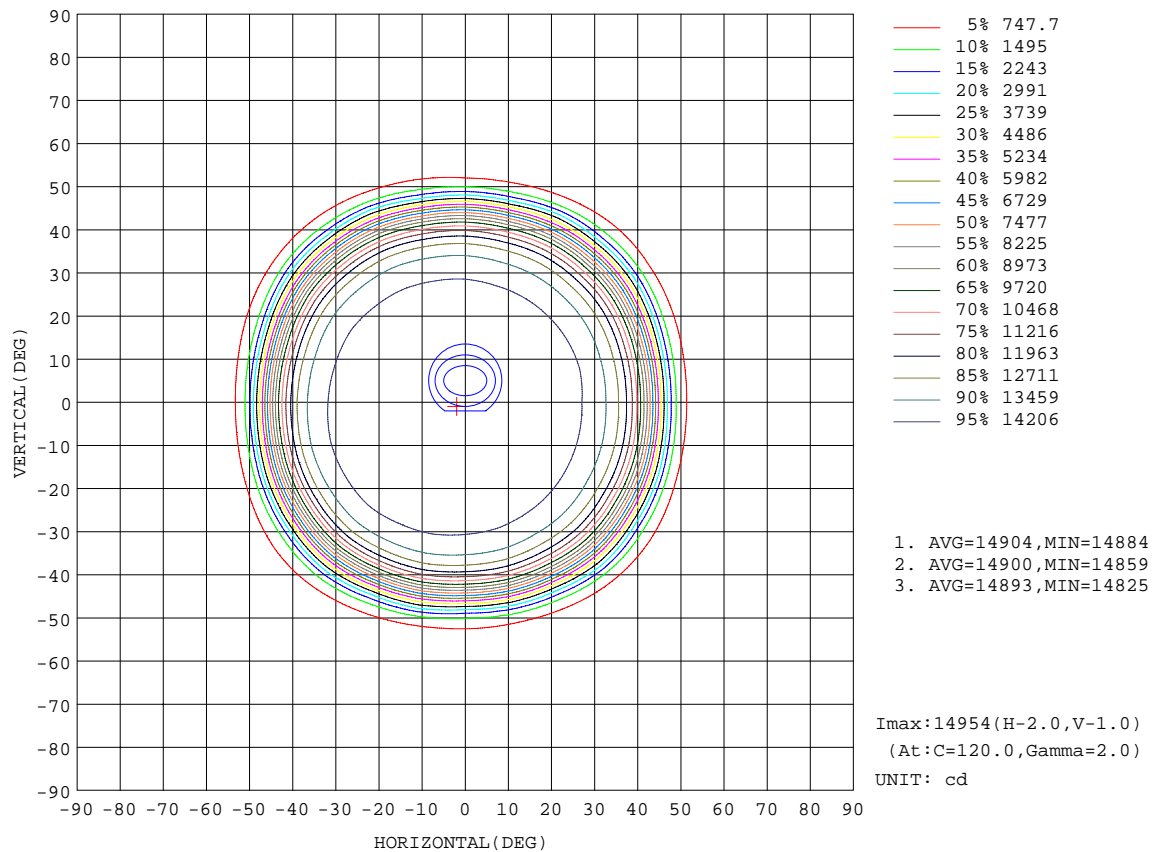
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	70	65	77	69	65	61
0.80	87	80	75	86	79	75	85	79	74	70
1.00	94	87	82	93	86	82	91	86	81	77
1.25	99	92	88	98	92	88	95	91	87	82
1.50	102	96	92	101	96	92	98	94	91	86
2.00	106	101	97	105	100	96	102	98	95	89
2.50	108	103	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	105	102	99	93
4.00	112	109	106	110	107	105	106	104	102	95
5.00	114	111	108	111	109	107	107	105	104	96
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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

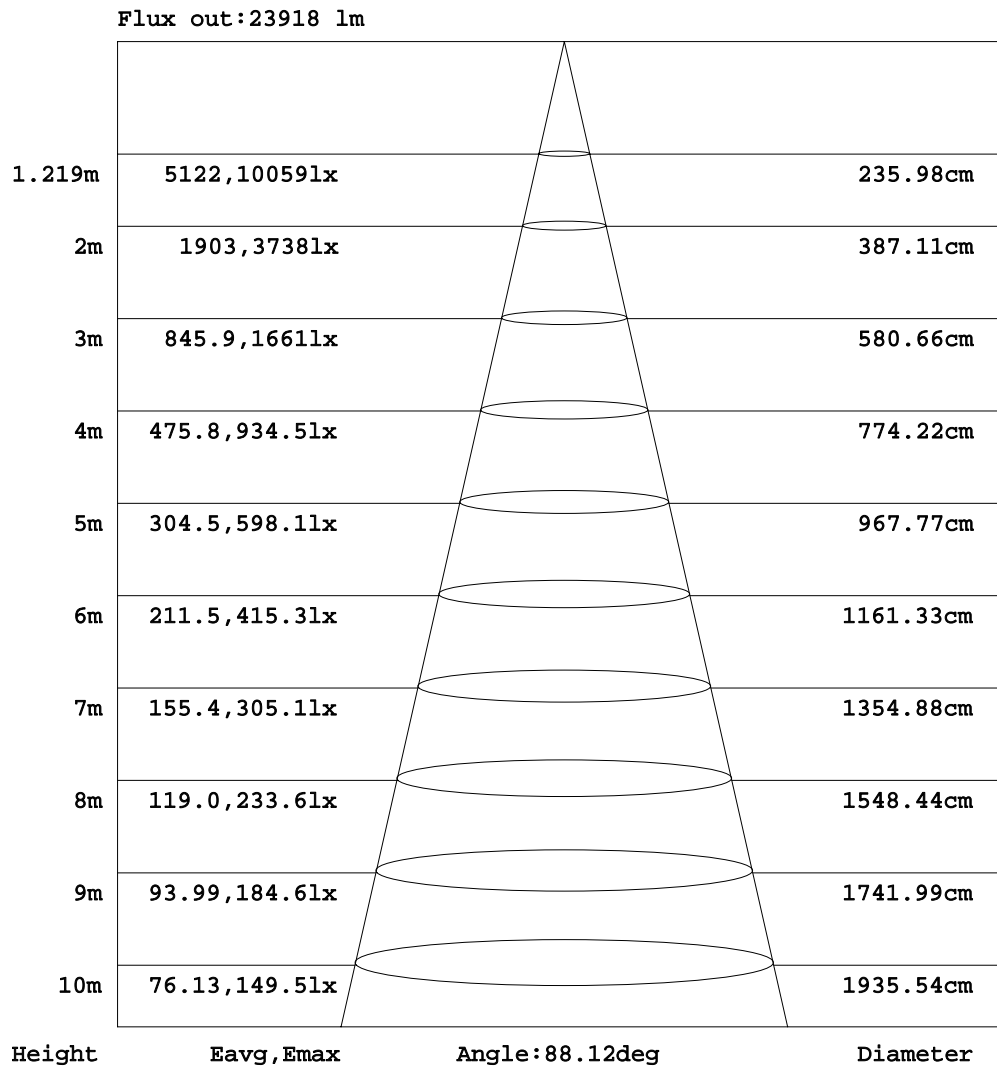


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



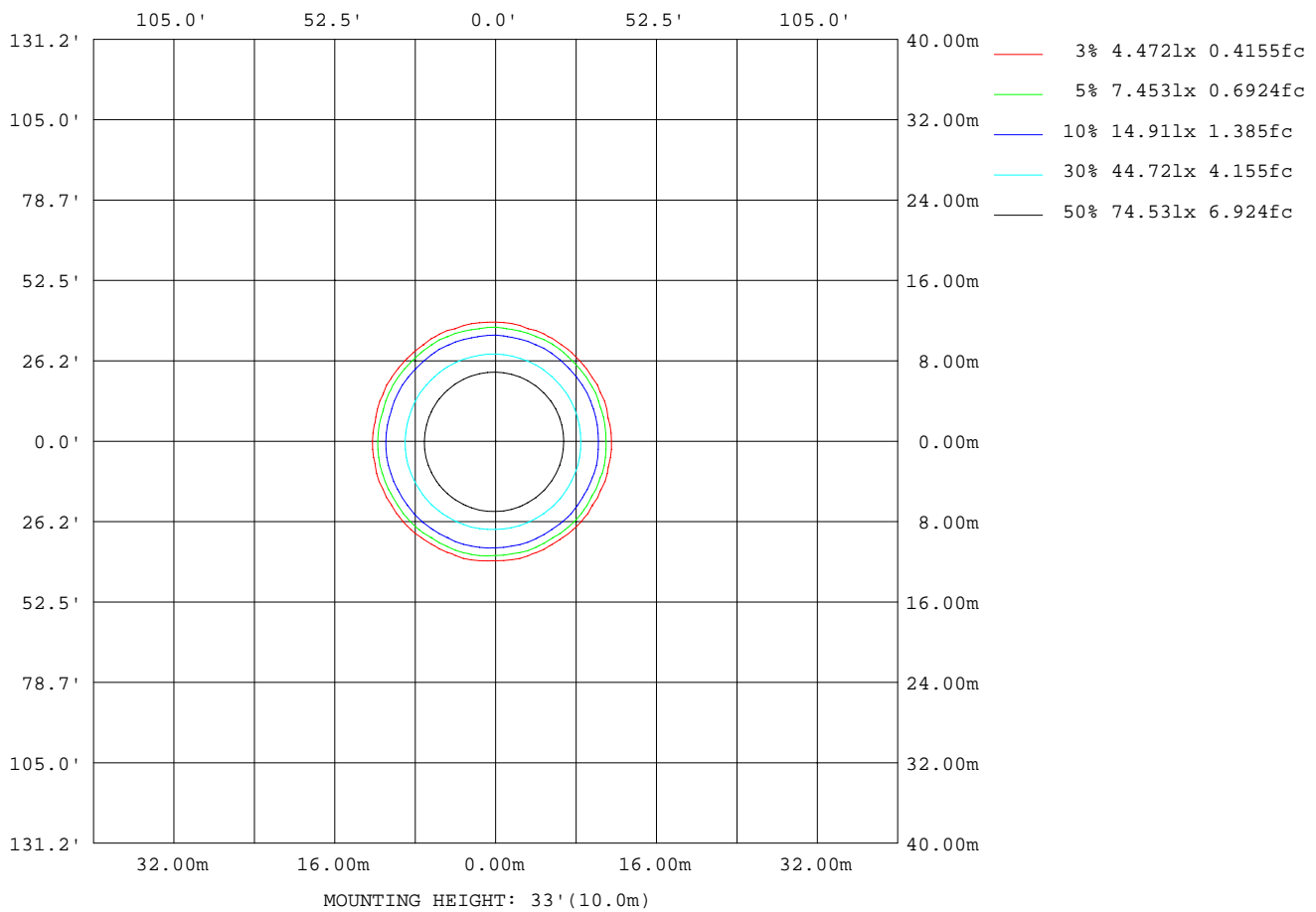
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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:2024-8-24

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

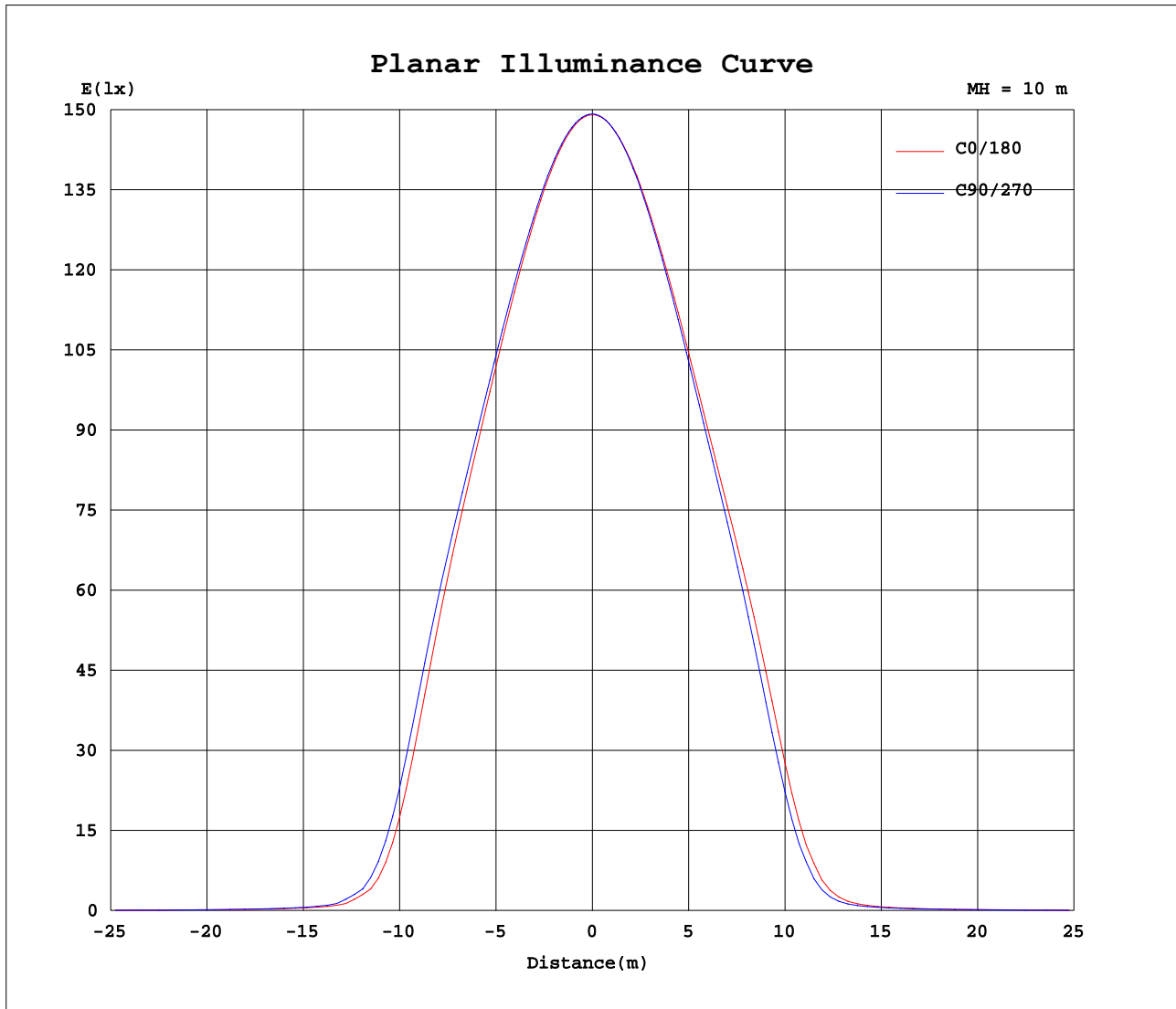
AvgL	cd/m2
L_0~180 (65) av	7422
L_0~180 (75) av	5408
L_0~180 (85) av	1586
L_90~270 (65) av	7269
L_90~270 (75) av	5332
L_90~270 (85) av	1467
L_45 (65) av	7427
L_45 (75) av	5315
L_45 (85) av	1491

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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492
5	1491	1491	1490	1491	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1492	1491	1491	1491	1491
10	1487	1487	1486	1488	1489	1490	1490	1491	1491	1491	1491	1491	1491	1490	1490	1489	1489	1488	1487
15	1478	1479	1479	1482	1483	1485	1486	1487	1488	1488	1488	1488	1487	1486	1486	1484	1483	1482	1480
20	1464	1465	1467	1470	1472	1475	1478	1480	1481	1482	1481	1481	1480	1479	1478	1476	1474	1471	1469
25	1438	1441	1444	1448	1452	1458	1461	1465	1467	1468	1468	1468	1468	1465	1462	1458	1454	1450	1447
30	1390	1395	1399	1407	1413	1422	1428	1434	1437	1440	1440	1440	1439	1434	1431	1424	1418	1411	1406
35	1290	1301	1306	1320	1330	1347	1355	1368	1373	1381	1380	1383	1380	1373	1368	1355	1347	1333	1324
40	1030	1052	1056	1091	1104	1140	1155	1188	1198	1221	1220	1230	1225	1208	1199	1173	1159	1126	1111
45	495	526	525	572	582	637	651	707	717	763	759	789	782	756	753	708	694	646	628
50	114	111	124	125	128	149	153	179	184	209	204	221	216	201	205	182	177	154	147
55	34.0	35.3	35.4	37.6	38.3	41.3	42.4	46.3	47.6	50.9	50.6	52.3	51.4	48.7	48.3	45.0	43.8	40.6	39.5
60	21.4	21.7	21.9	22.6	23.1	24.5	24.9	26.7	27.2	28.5	28.4	28.6	28.3	27.0	27.1	25.8	25.4	24.1	23.4
65	15.3	15.4	15.5	15.9	16.1	16.6	17.0	17.8	18.4	19.0	19.1	19.0	18.8	18.3	18.0	17.7	17.4	16.7	16.3
70	10.7	10.9	10.9	11.2	11.1	11.5	11.8	12.3	12.8	13.3	13.2	13.2	13.1	12.7	12.6	12.5	12.3	11.6	11.5
75	6.67	6.72	6.60	6.85	6.51	7.15	7.58	7.79	7.89	8.48	8.20	8.37	8.54	8.17	7.96	7.90	7.80	7.45	7.41
80	2.83	2.74	2.45	2.86	2.34	3.08	3.48	3.55	3.29	3.88	3.60	3.92	4.24	3.99	3.51	3.58	3.44	3.44	3.56
85	0.38	0.37	0.40	0.49	0.46	0.48	0.68	0.63	0.73	0.99	0.88	0.90	1.12	0.78	0.79	0.92	0.78	0.55	0.71
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:0.7007A P:151.4W PF:0.9854 Freq:50.00Hz Lamp Flux:26169.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-90D-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	1492	1492	1492	1492	1492														
5	1491	1491	1490	1490	1491														
10	1487	1486	1486	1486	1486														
15	1479	1478	1478	1478	1478														
20	1466	1465	1463	1463	1463														
25	1442	1440	1437	1437	1438														
30	1398	1395	1390	1390	1389														
35	1310	1304	1293	1293	1289														
40	1081	1072	1047	1046	1033														
45	580	565	525	522	499														
50	128	124	124	110	115														
55	37.1	36.7	35.0	34.9	33.7														
60	22.7	22.4	21.9	21.7	21.3														
65	15.8	15.8	15.5	15.4	15.1														
70	11.1	11.1	10.9	10.8	10.5														
75	6.97	6.88	6.66	6.63	6.45														
80	3.08	2.73	2.78	2.44	2.59														
85	0.44	0.49	0.42	0.43	0.29														
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: