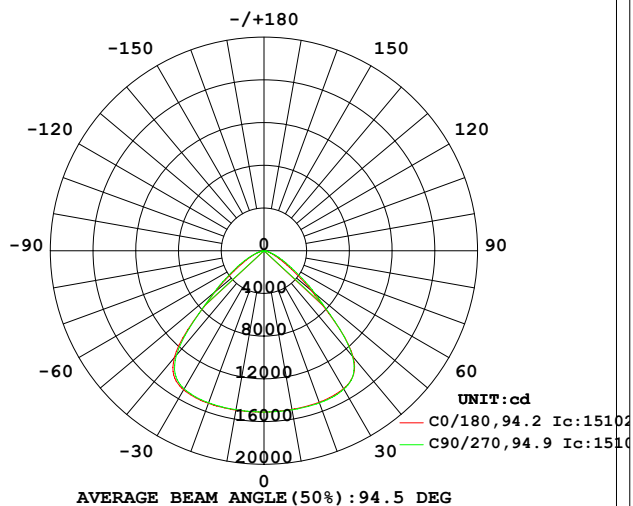


LUMINAIRE PHOTOMETRIC TEST REPORT

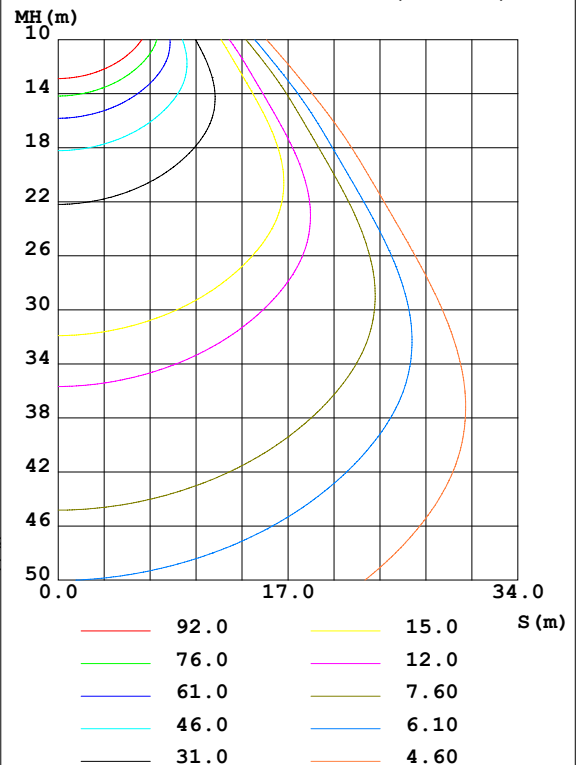
Test:U:219.2V I:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 171.91 lm/W			
MODEL	2835	I _{max} (cd)	15230	S/MH (C0/180)	1.38
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	34331	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX (lm)	34331.1	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	1509	1510	1512	1515	1515	1514	1512	1510	0- 10	1442	1442	4.2,4.2
20	1510	1512	1516	1521	1521	1521	1515	1513	10- 20	4294	5736	16.7,16.7
30	1491	1494	1496	1506	1504	1505	1494	1498	20- 30	6995	12731	37.1,37.1
40	1300	1298	1290	1310	1306	1285	1275	1301	30- 40	8972	21703	63.2,63.2
50	583.5	613.9	627.1	588.9	599.0	591.9	613.0	566.0	40- 50	7195	28899	84.2,84.2
60	209.0	218.8	255.9	250.2	231.4	220.1	266.2	232.7	50- 60	3468	32366	94.3,94.3
70	73.14	64.17	90.62	82.72	86.28	67.01	93.75	76.15	60- 70	1477	33843	98.6,98.6
80	13.86	11.87	17.06	13.09	18.31	12.18	18.21	11.21	70- 80	447.8	34291	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	40.56	34331	100,100
100	0	0	0	0	0	0	0	0	90-100	0	34331	100,100
110	0	0	0	0	0	0	0	0	100-110	0	34331	100,100
120	0	0	0	0	0	0	0	0	110-120	0	34331	100,100
130	0	0	0	0	0	0	0	0	120-130	0	34331	100,100
140	0	0	0	0	0	0	0	0	130-140	0	34331	100,100
150	0	0	0	0	0	0	0	0	140-150	0	34331	100,100
160	0	0	0	0	0	0	0	0	150-160	0	34331	100,100
170	0	0	0	0	0	0	0	0	160-170	0	34331	100,100
180	0	0	0	0	0	0	0	0	170-180	0	34331	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 25882 lm

%lum = 75.4%

%lamp = 75.4%

Conical surface Flux(120deg): 32366 lm

%lum = 94.3%

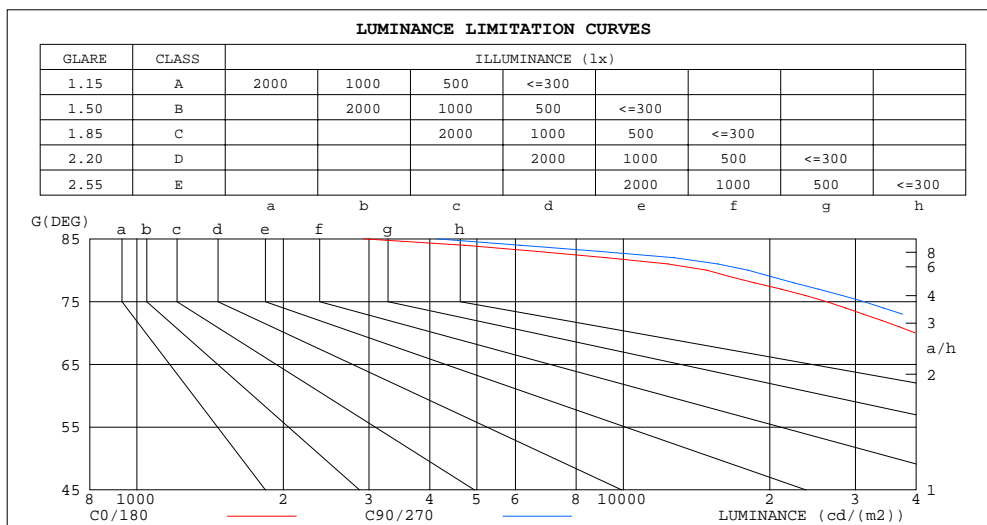
%lamp = 94.3%

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



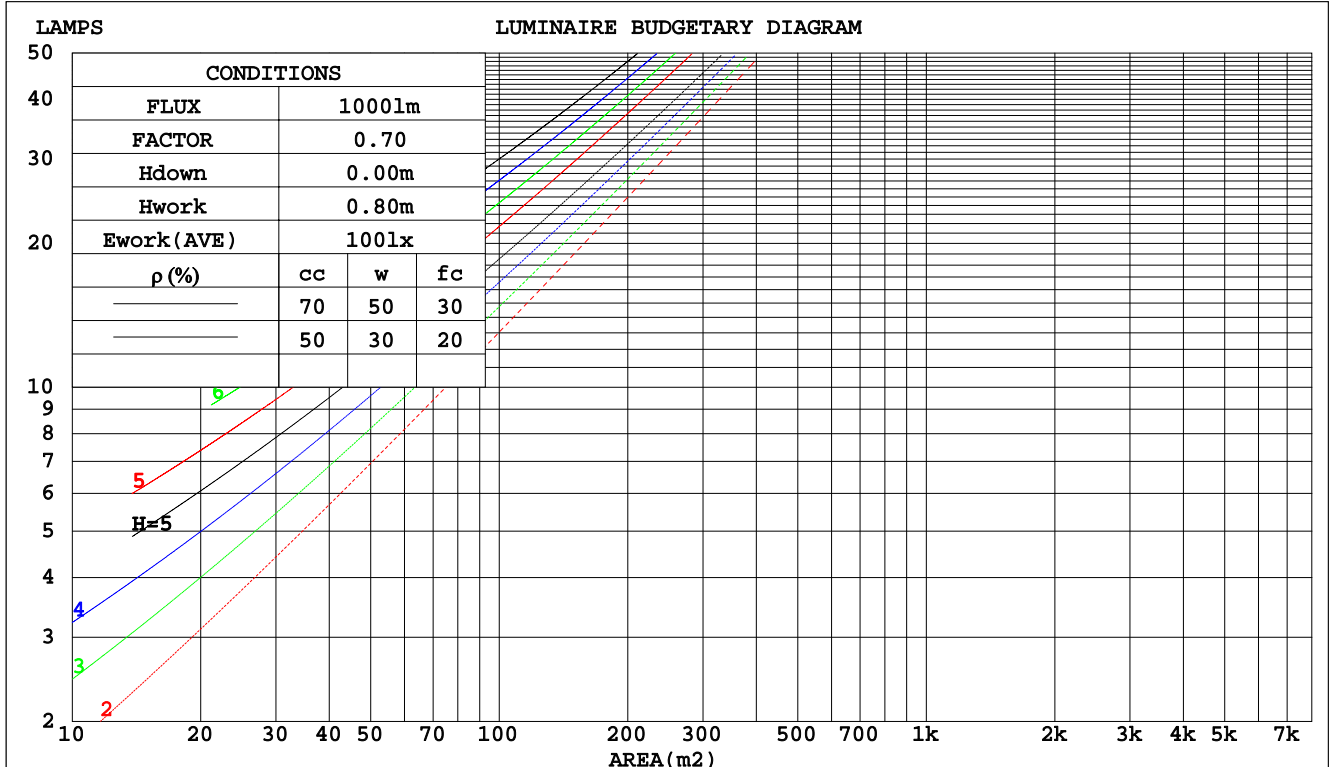
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-22

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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	1.08	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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	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	.116	.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
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-200WHBE-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	29.3	30.6	29.5	30.8	30.9	29.5	30.8	29.7	31.0	31.2
3H	29.4	30.5	29.6	30.8	31.0	29.6	30.8	29.9	31.1	31.3
4H	29.3	30.4	29.6	30.7	30.9	29.6	30.8	29.9	31.0	31.2
6H	29.3	30.3	29.6	30.6	30.8	29.6	30.6	29.9	30.9	31.1
8H	29.2	30.2	29.5	30.5	30.8	29.5	30.5	29.9	30.8	31.1
12H	29.2	30.1	29.5	30.4	30.7	29.5	30.4	29.8	30.7	31.0
4H 2H	29.2	30.4	29.5	30.6	30.8	29.4	30.6	29.7	30.8	31.0
3H	29.4	30.4	29.8	30.7	30.9	29.7	30.6	30.0	30.9	31.2
4H	29.4	30.3	29.8	30.6	30.9	29.7	30.6	30.0	30.9	31.2
6H	29.4	30.1	29.8	30.5	30.8	29.6	30.4	30.0	30.7	31.1
8H	29.3	30.0	29.7	30.4	30.8	29.6	30.3	30.0	30.7	31.0
12H	29.3	29.9	29.7	30.3	30.7	29.6	30.2	30.0	30.6	31.0
8H 4H	29.3	30.0	29.7	30.4	30.8	29.6	30.3	30.0	30.7	31.0
6H	29.3	29.9	29.7	30.3	30.7	29.6	30.1	30.0	30.5	31.0
8H	29.3	29.8	29.7	30.2	30.6	29.5	30.0	30.0	30.5	30.9
12H	29.2	29.6	29.7	30.1	30.6	29.5	29.9	30.0	30.4	30.8
12H 4H	29.3	29.9	29.7	30.3	30.7	29.5	30.2	30.0	30.6	31.0
6H	29.3	29.8	29.7	30.2	30.6	29.5	30.0	30.0	30.4	30.9
8H	29.2	29.6	29.7	30.1	30.6	29.5	29.9	30.0	30.4	30.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.7 / - 2.6					+ 1.6 / - 2.2				
1.5H	+ 1.4 / - 2.0					+ 1.2 / - 1.8				
2.0H	+ 3.3 / - 2.8					+ 3.0 / - 3.2				

CIE Pub.117, 34331 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 12.3$)

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:

UTILIZATION FACTORS TABLE

Test:U:219.2V I:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

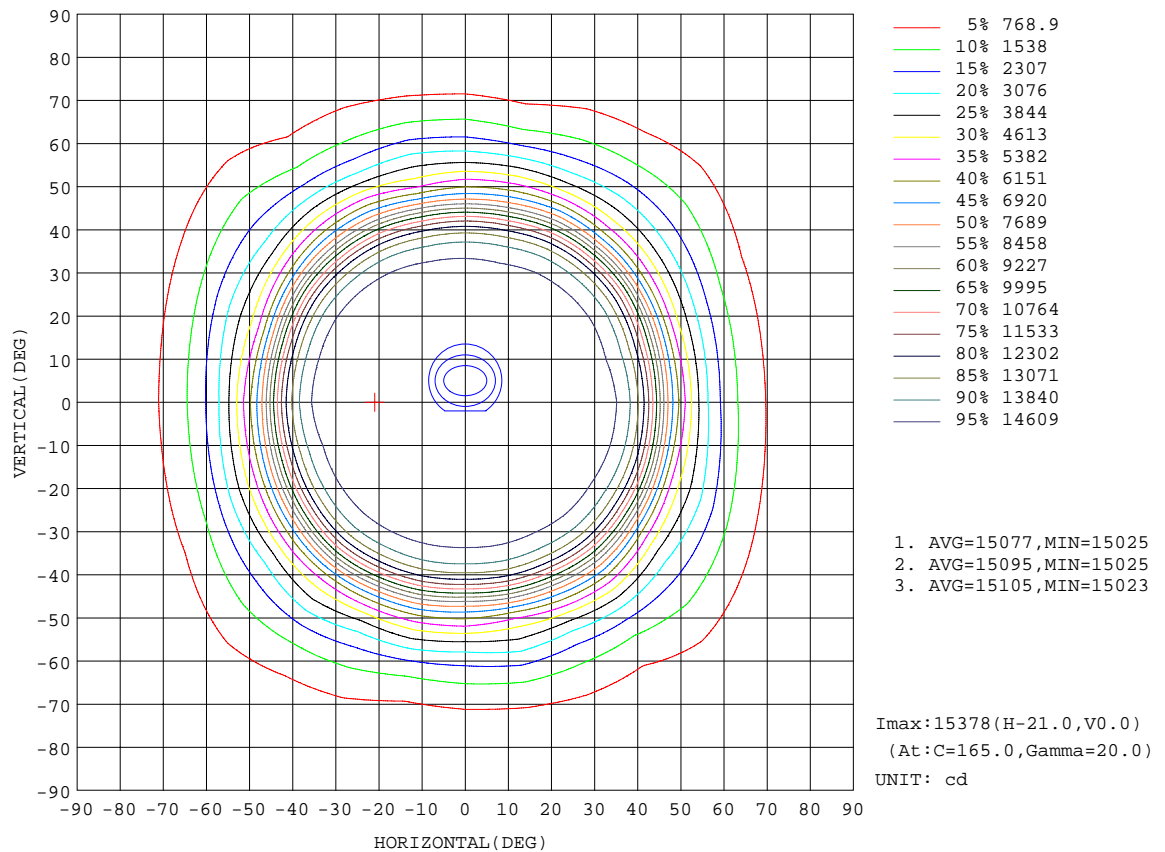
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	53	67	58	52	66	58	52	47
0.80	78	69	63	77	68	63	76	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	100	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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

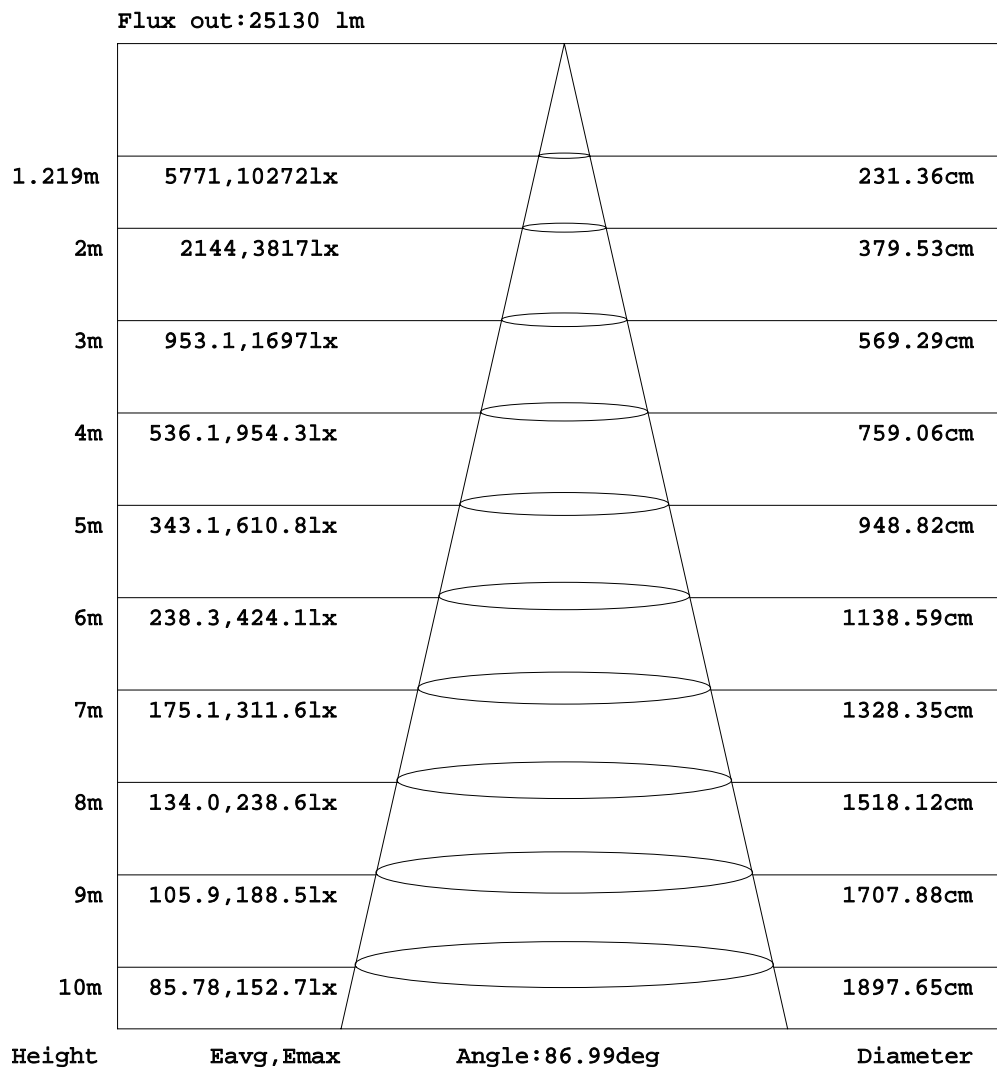


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



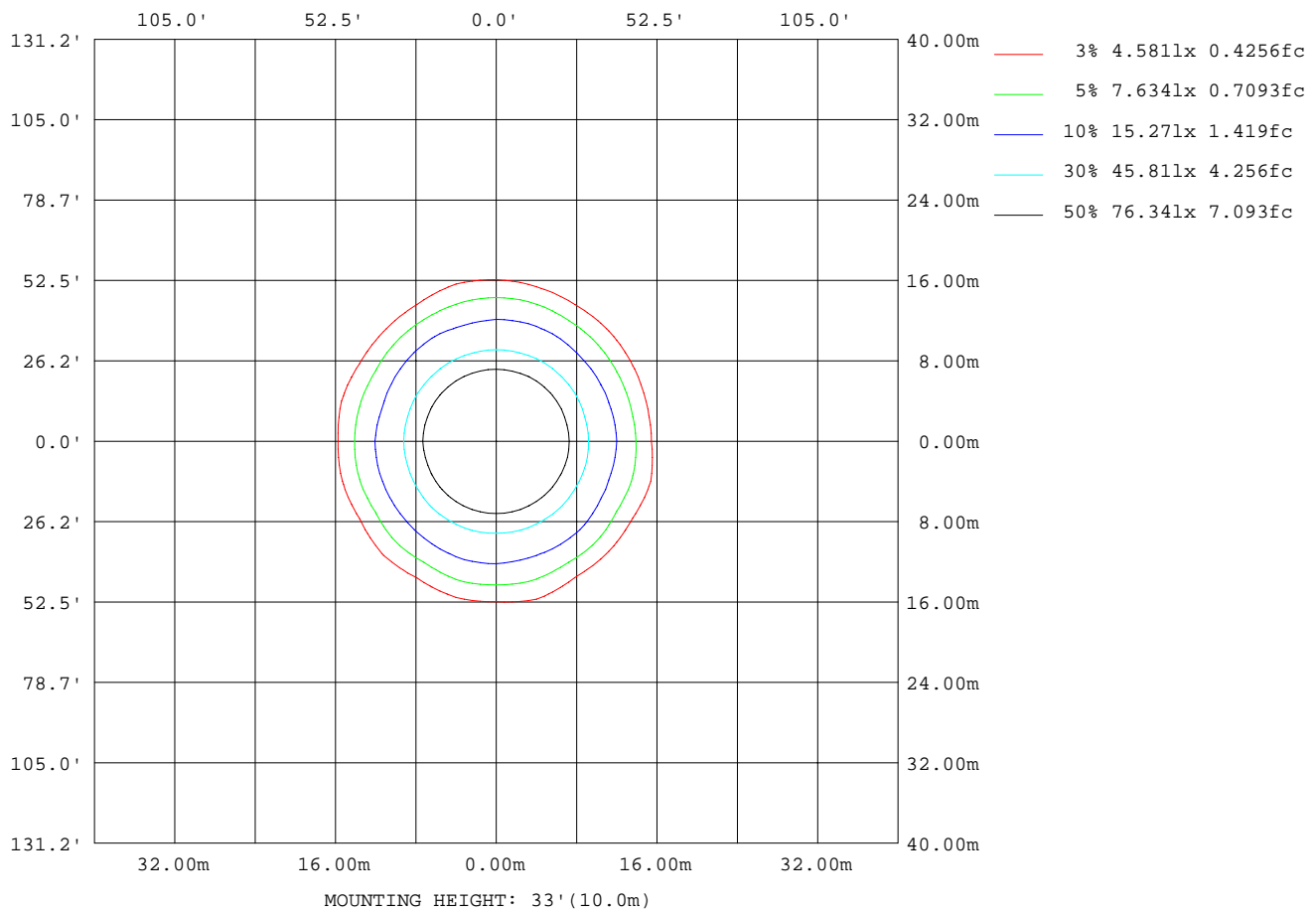
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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:2024-8-22

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

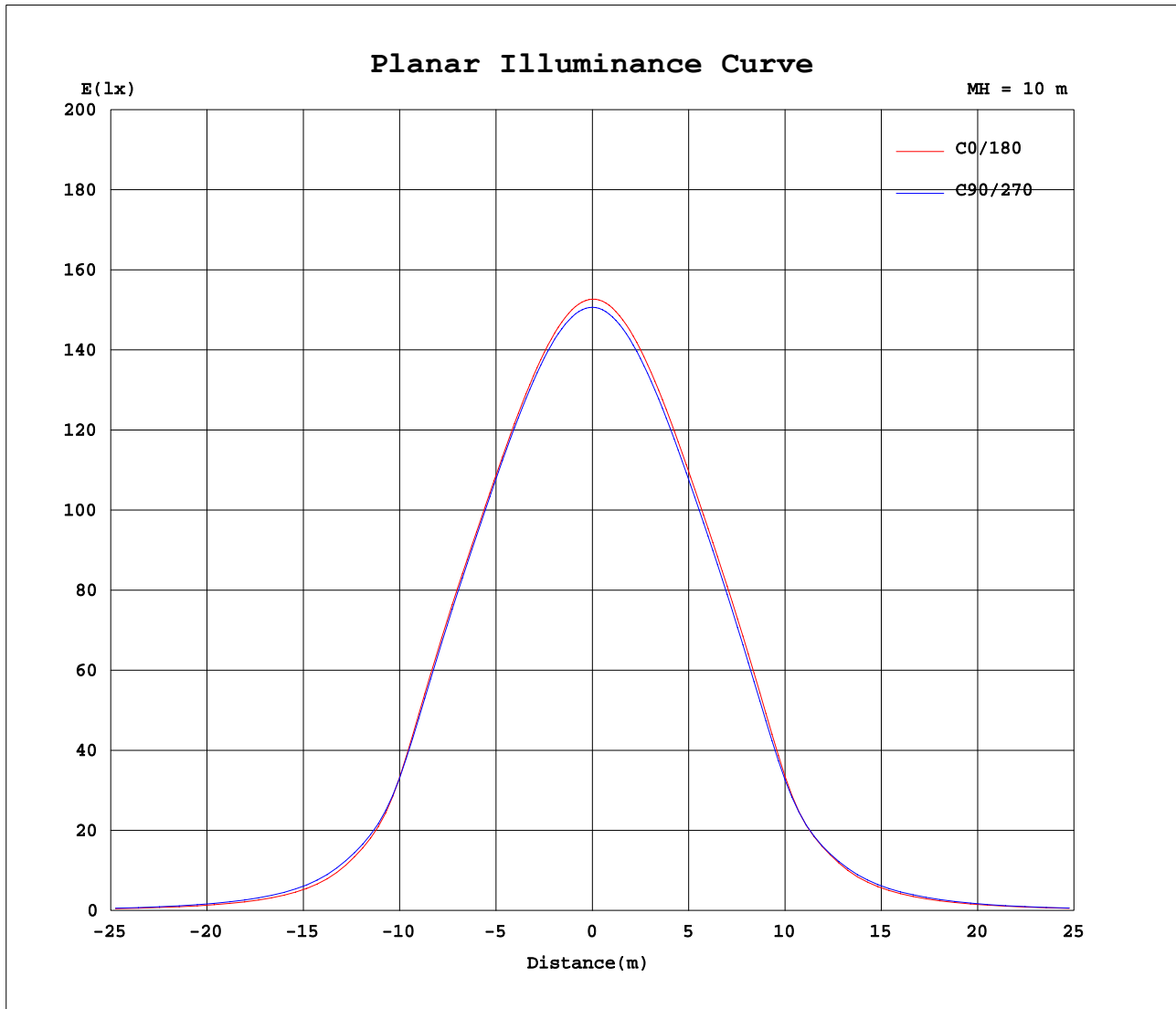
AvgL	cd/m2
L_0~180 (65) av	58990
L_0~180 (75) av	29026
L_0~180 (85) av	4271
L_90~270 (65) av	70326
L_90~270 (75) av	31985
L_90~270 (85) av	4524
L_45 (65) av	57381
L_45 (75) av	22137
L_45 (85) av	4362

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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510	1510
5	1509	1509	1509	1510	1510	1510	1511	1511	1511	1512	1512	1512	1512	1512	1512	1512	1511	1511	1510
10	1509	1509	1510	1510	1511	1511	1512	1513	1514	1515	1515	1515	1515	1515	1515	1514	1513	1513	1512
15	1510	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1519	1518	1518	1518	1518	1516	1515	1514
20	1510	1513	1511	1512	1514	1515	1516	1518	1519	1521	1522	1523	1521	1521	1521	1521	1519	1517	1515
25	1505	1508	1507	1508	1510	1512	1514	1516	1517	1519	1520	1521	1518	1520	1520	1520	1517	1513	1511
30	1491	1493	1492	1494	1495	1496	1496	1500	1502	1506	1506	1507	1504	1506	1507	1505	1502	1497	1494
35	1446	1449	1443	1446	1445	1447	1446	1452	1453	1458	1456	1457	1457	1455	1458	1452	1448	1438	1439
40	1300	1303	1291	1298	1290	1297	1290	1302	1301	1310	1298	1298	1306	1294	1297	1285	1284	1270	1275
45	930	937	926	953	942	953	939	969	957	961	934	935	938	912	924	918	932	916	925
50	583	551	564	614	609	593	627	633	605	589	586	594	599	545	567	592	609	577	613
55	348	377	349	380	372	408	404	413	373	394	360	388	372	376	354	372	378	398	406
60	209	244	231	219	229	275	256	251	240	250	236	236	231	247	237	220	233	269	266
65	126	145	149	120	141	165	158	143	152	147	152	134	145	149	155	123	143	164	164
70	73.1	81.1	86.4	64.2	83.2	92.8	90.6	76.8	90.1	82.7	90.4	74.1	86.3	85.5	91.0	67.0	85.7	94.0	93.8
75	36.4	39.1	40.9	30.0	40.8	44.9	44.0	37.1	44.0	33.9	44.6	37.4	45.3	43.0	44.6	31.1	43.9	46.0	45.9
80	13.9	14.4	12.5	11.9	12.2	15.5	17.1	13.7	13.1	13.1	14.0	15.1	18.3	16.6	14.6	12.2	15.0	17.2	18.2
85	1.37	1.14	1.40	1.72	1.48	1.41	1.96	1.75	1.79	2.56	2.26	2.28	2.67	1.79	2.14	2.36	2.25	1.51	2.32
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:0.9201A P:199.7W PF:0.9900 Freq:50.01Hz Lamp Flux:34331.1x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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	1510	1510	1510	1510	1510														
5	1512	1510	1510	1509	1510														
10	1511	1510	1510	1510	1509														
15	1513	1512	1512	1511	1511														
20	1514	1513	1513	1513	1513														
25	1509	1510	1511	1512	1511														
30	1493	1496	1498	1500	1498														
35	1440	1450	1455	1458	1452														
40	1277	1297	1301	1308	1297														
45	926	941	923	935	928														
50	615	602	566	559	561														
55	399	372	368	352	346														
60	241	233	233	226	210														
65	138	144	137	142	121														
70	75.2	84.5	76.1	81.7	64.7														
75	37.2	42.1	29.4	39.4	31.8														
80	13.8	13.1	11.2	12.2	11.4														
85	1.44	1.62	1.63	1.52	1.15														
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: