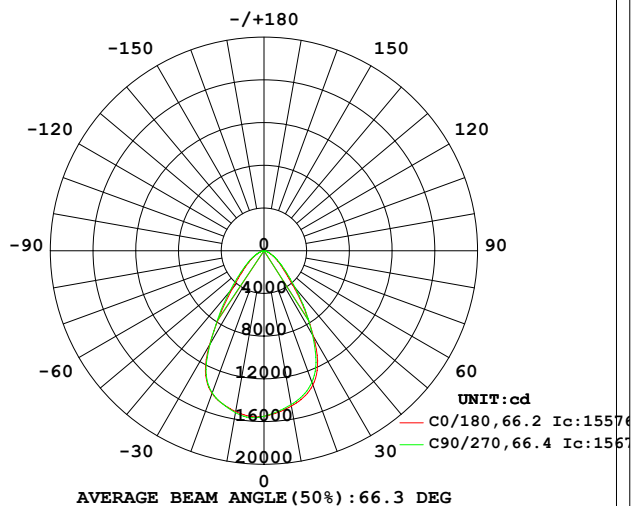


LUMINAIRE PHOTOMETRIC TEST REPORT

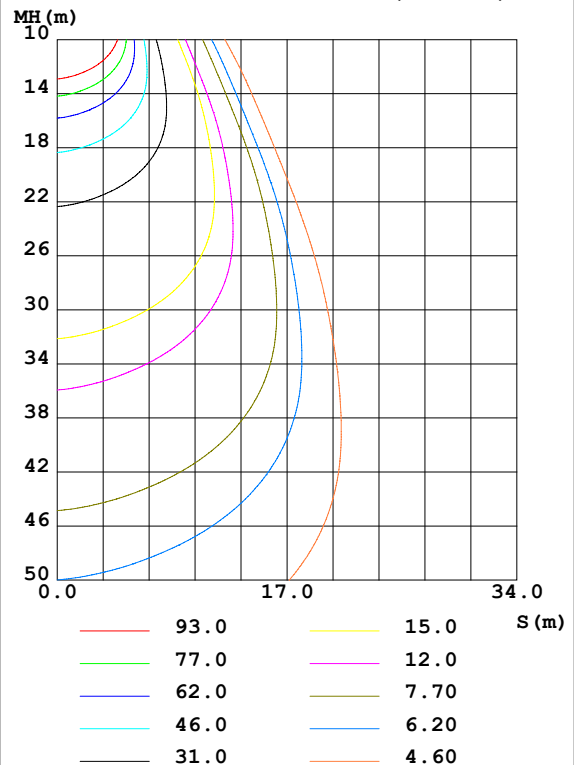
Test:U:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 202.99 lm/W			
MODEL	2835	I _{max} (cd)	15739	S/MH (C0/180)	0.99
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.01
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	20202	η UP,DN (C0-180)	0.0,48.5
NOMINAL FLUX (lm)	20202.3	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,51.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.00

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	1477	1458	1463	1490	1529	1546	1540	1512	0- 10	1456	1456	7.21,7.21
20	1338	1301	1312	1367	1421	1426	1417	1392	10- 20	4080	5536	27.4,27.4
30	928.5	897.4	908.8	975.8	1023	1010	1012	985.9	20- 30	5534	11070	54.8,54.8
40	419.5	431.0	459.3	452.4	456.2	489.4	501.6	458.3	30- 40	4296	15366	76.1,76.1
50	200.3	191.3	219.8	215.7	216.6	218.9	238.9	215.7	40- 50	2444	17810	88.2,88.2
60	99.53	93.73	107.4	106.2	108.8	106.0	117.6	105.3	50- 60	1403	19213	95.1,95.1
70	39.56	37.59	41.15	42.65	44.25	43.05	46.82	42.00	60- 70	702.4	19915	98.6,98.6
80	9.411	8.703	9.593	9.983	11.64	11.59	12.35	9.782	70- 80	254.0	20169	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	33.38	20202	100,100
100	0	0	0	0	0	0	0	0	90-100	0	20202	100,100
110	0	0	0	0	0	0	0	0	100-110	0	20202	100,100
120	0	0	0	0	0	0	0	0	110-120	0	20202	100,100
130	0	0	0	0	0	0	0	0	120-130	0	20202	100,100
140	0	0	0	0	0	0	0	0	130-140	0	20202	100,100
150	0	0	0	0	0	0	0	0	140-150	0	20202	100,100
160	0	0	0	0	0	0	0	0	150-160	0	20202	100,100
170	0	0	0	0	0	0	0	0	160-170	0	20202	100,100
180	0	0	0	0	0	0	0	0	170-180	0	20202	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 16761 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 19213 lm

%lum = 95.1%

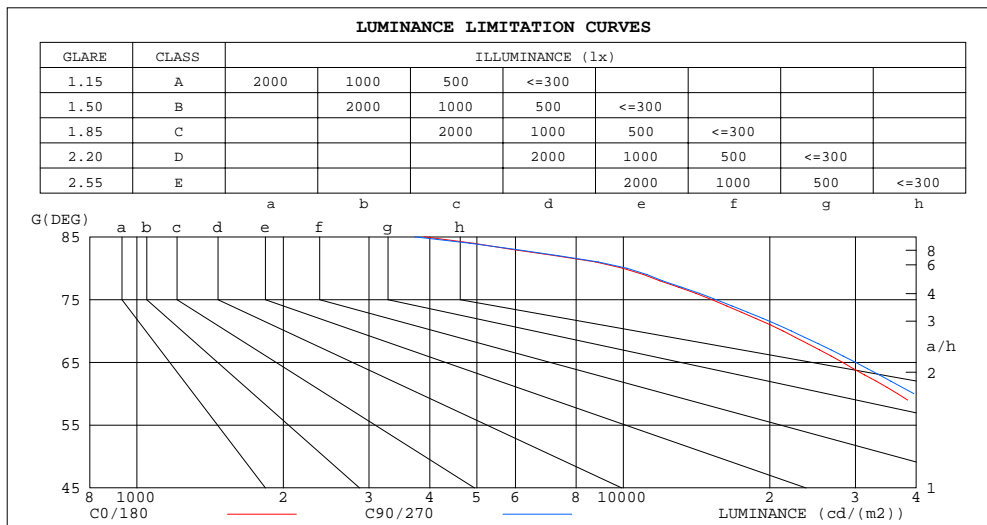
%lamp = 95.1%

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



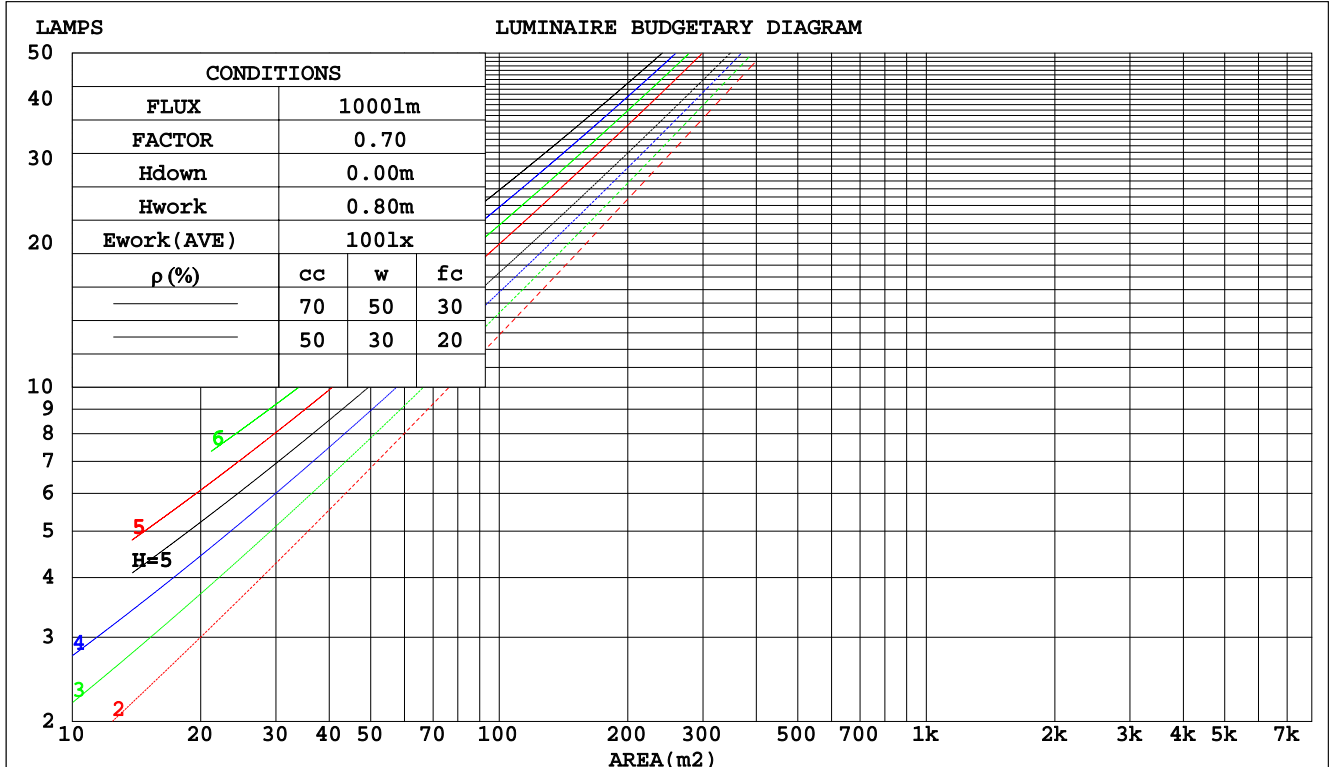
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-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)															
RCR:Room Cavity Ratio																
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	1.06	1.03	1.07	1.04	1.02	1.03	1.00	.99	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.90	.98	.93	.89	.94	.91	.87	.91	.88	.86	.88	.86	.84	.82
3.0	.91	.85	.80	.89	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.83	.77	.72	.82	.76	.71	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.69	.65	.74	.68	.64	.72	.67	.63	.71	.66	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.58	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.63	.57	.53	.61	.57	.53	.51
8.0	.62	.55	.50	.61	.54	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.48
9.0	.58	.51	.46	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.47	.43	.53	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.42	.41



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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-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	.213	.121	.038	.206	.118	.037	.193	.111	.035	.182	.105	.034	.171	.099	.032		
2.0	.206	.113	.035	.200	.110	.034	.189	.105	.033	.179	.100	.031	.170	.096	.030		
3.0	.196	.104	.031	.191	.102	.031	.181	.098	.030	.173	.095	.029	.165	.091	.028		
4.0	.186	.096	.028	.181	.095	.028	.173	.092	.027	.165	.089	.027	.158	.086	.026		
5.0	.176	.089	.026	.172	.088	.026	.164	.086	.025	.158	.083	.025	.151	.081	.024		
6.0	.166	.083	.024	.163	.082	.024	.156	.080	.023	.150	.078	.023	.145	.076	.023		
7.0	.158	.078	.022	.155	.077	.022	.149	.075	.022	.144	.074	.021	.138	.072	.021		
8.0	.150	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.133	.068	.020		
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	.127	.064	.019		
10.0	.136	.065	.018	.134	.064	.018	.129	.063	.018	.125	.062	.018	.122	.061	.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	.174	.157	.142	.149	.135	.122	.102	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.161	.132	.108	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.012	
3.0	.150	.114	.085	.129	.098	.074	.088	.068	.052	.051	.040	.030	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.041	.048	.035	.025	.016	.011	.008	
5.0	.133	.088	.055	.114	.076	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.126	.079	.046	.108	.069	.040	.075	.048	.028	.043	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.103	.063	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.114	.066	.033	.098	.057	.029	.068	.040	.021	.040	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.025	.090	.049	.022	.062	.035	.016	.036	.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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-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	24.3	25.4	24.5	25.6	25.8	24.7	25.9	25.0	26.0	26.2
3H	24.6	25.6	24.9	25.9	26.1	25.0	26.1	25.3	26.3	26.5
4H	24.6	25.6	24.9	25.9	26.1	25.0	26.0	25.3	26.3	26.5
6H	24.6	25.5	24.9	25.8	26.1	25.0	25.9	25.3	26.2	26.5
8H	24.6	25.5	24.9	25.7	26.0	25.0	25.9	25.3	26.1	26.4
12H	24.5	25.4	24.9	25.7	26.0	24.9	25.8	25.3	26.1	26.4
4H 2H	24.4	25.4	24.7	25.6	25.8	24.8	25.8	25.1	26.0	26.2
3H	24.8	25.6	25.1	25.9	26.2	25.1	26.0	25.5	26.3	26.6
4H	24.9	25.6	25.2	25.9	26.3	25.2	26.0	25.6	26.3	26.6
6H	24.9	25.6	25.3	25.9	26.2	25.2	25.9	25.6	26.2	26.6
8H	24.8	25.5	25.2	25.8	26.2	25.2	25.8	25.6	26.2	26.6
12H	24.8	25.4	25.2	25.8	26.2	25.2	25.7	25.6	26.1	26.5
8H 4H	24.8	25.4	25.2	25.8	26.2	25.2	25.8	25.6	26.2	26.5
6H	24.8	25.4	25.3	25.8	26.2	25.2	25.7	25.6	26.1	26.5
8H	24.8	25.3	25.3	25.7	26.1	25.2	25.6	25.6	26.0	26.5
12H	24.8	25.2	25.3	25.6	26.1	25.1	25.5	25.6	26.0	26.4
12H 4H	24.8	25.4	25.2	25.7	26.1	25.1	25.7	25.5	26.1	26.5
6H	24.8	25.3	25.3	25.7	26.1	25.1	25.6	25.6	26.0	26.5
8H	24.8	25.2	25.3	25.6	26.1	25.1	25.5	25.6	26.0	26.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.6					+ 1.0 / - 1.6				
1.5H	+ 1.7 / - 0.9					+ 1.6 / - 1.0				
2.0H	+ 2.0 / - 1.7					+ 2.2 / - 1.9				

CIE Pub.117, 20202 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.4$)

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

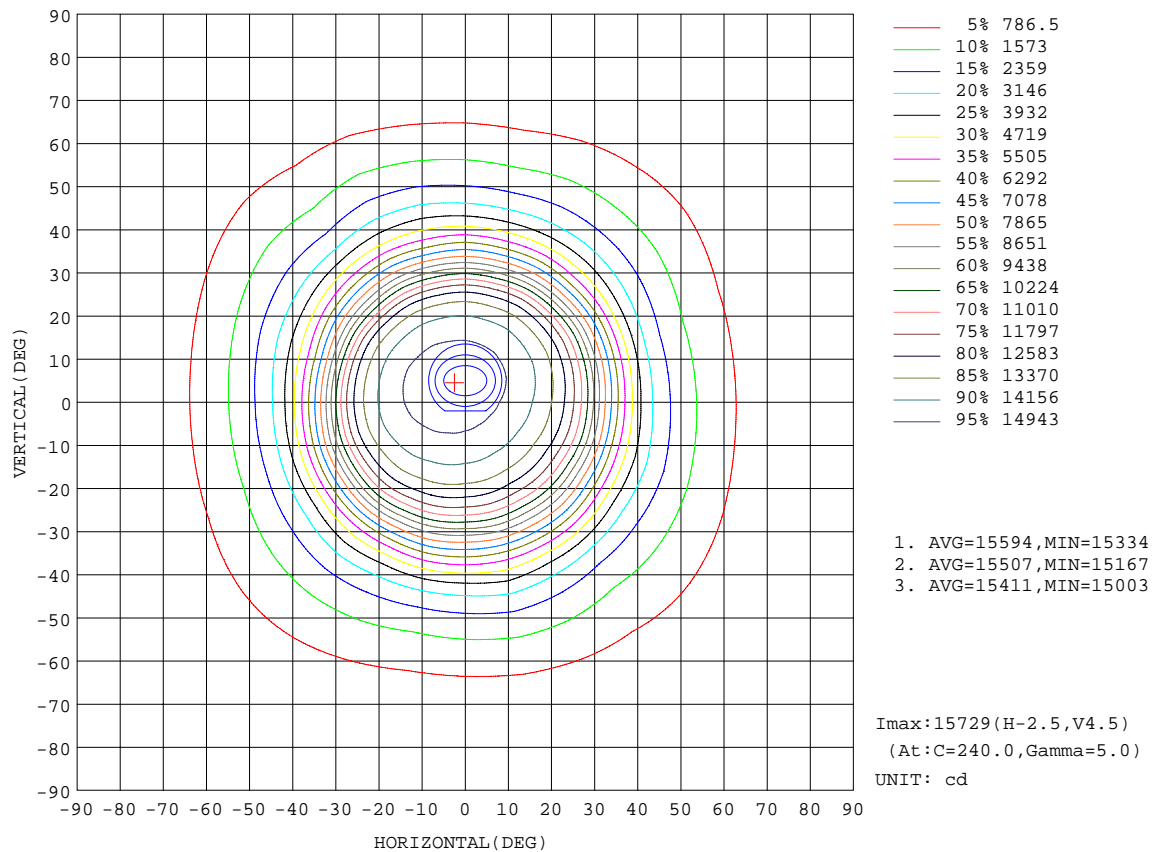
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	76	68	63	75	68	63	58
0.80	85	77	72	84	77	72	83	76	72	67
1.00	92	84	79	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	93	88	84	79
1.50	100	94	90	99	93	89	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	89
3.00	109	105	101	107	103	100	104	100	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
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
 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:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

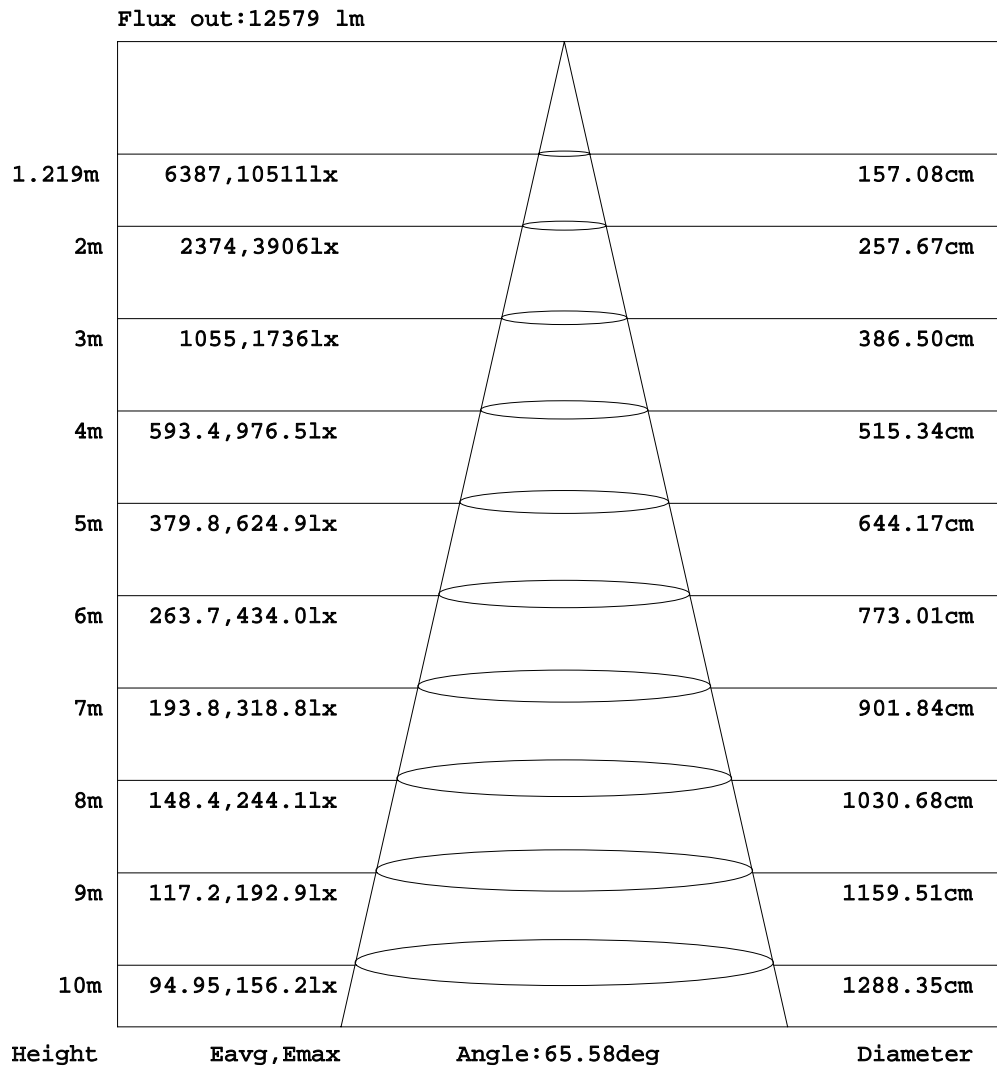


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



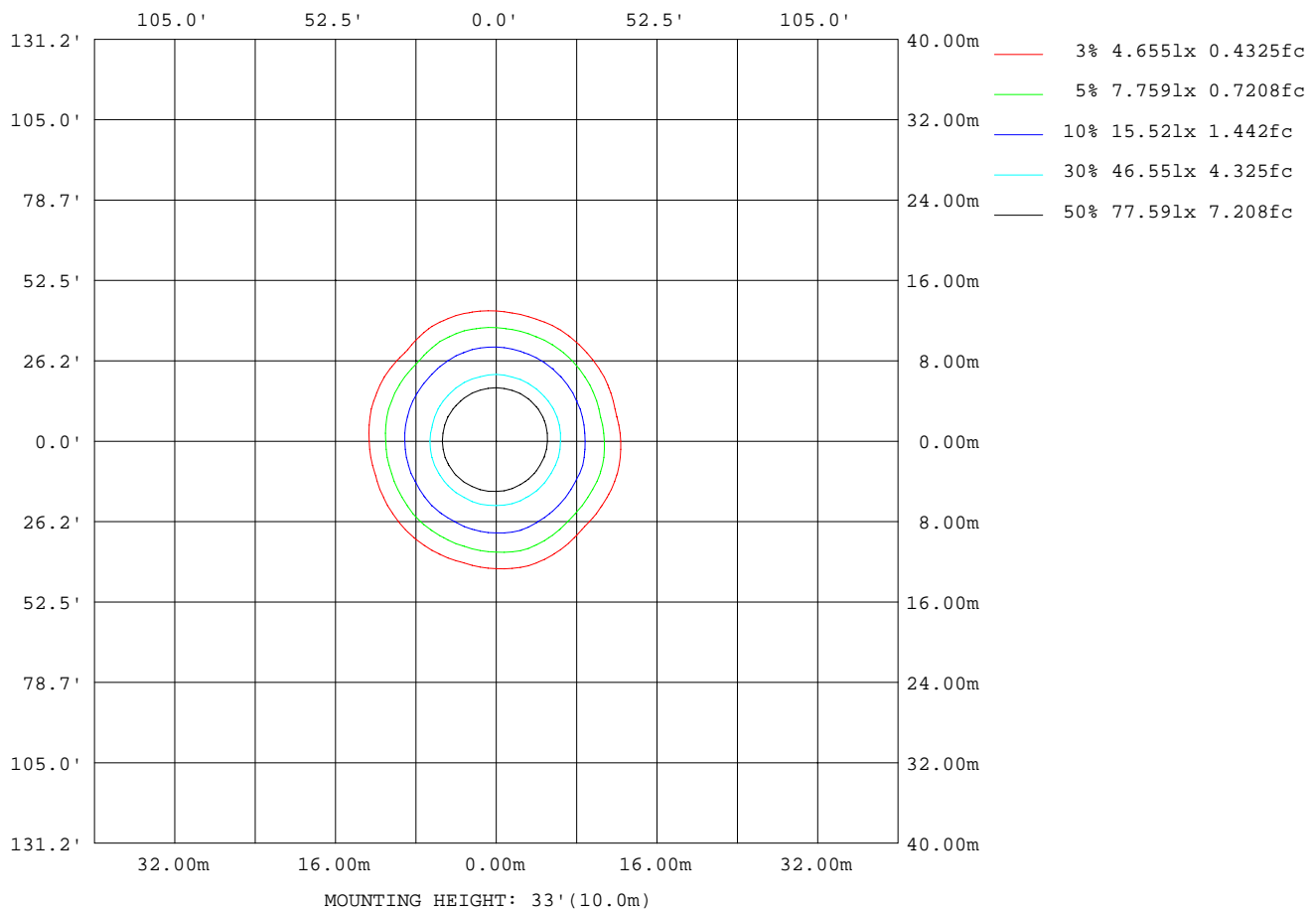
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

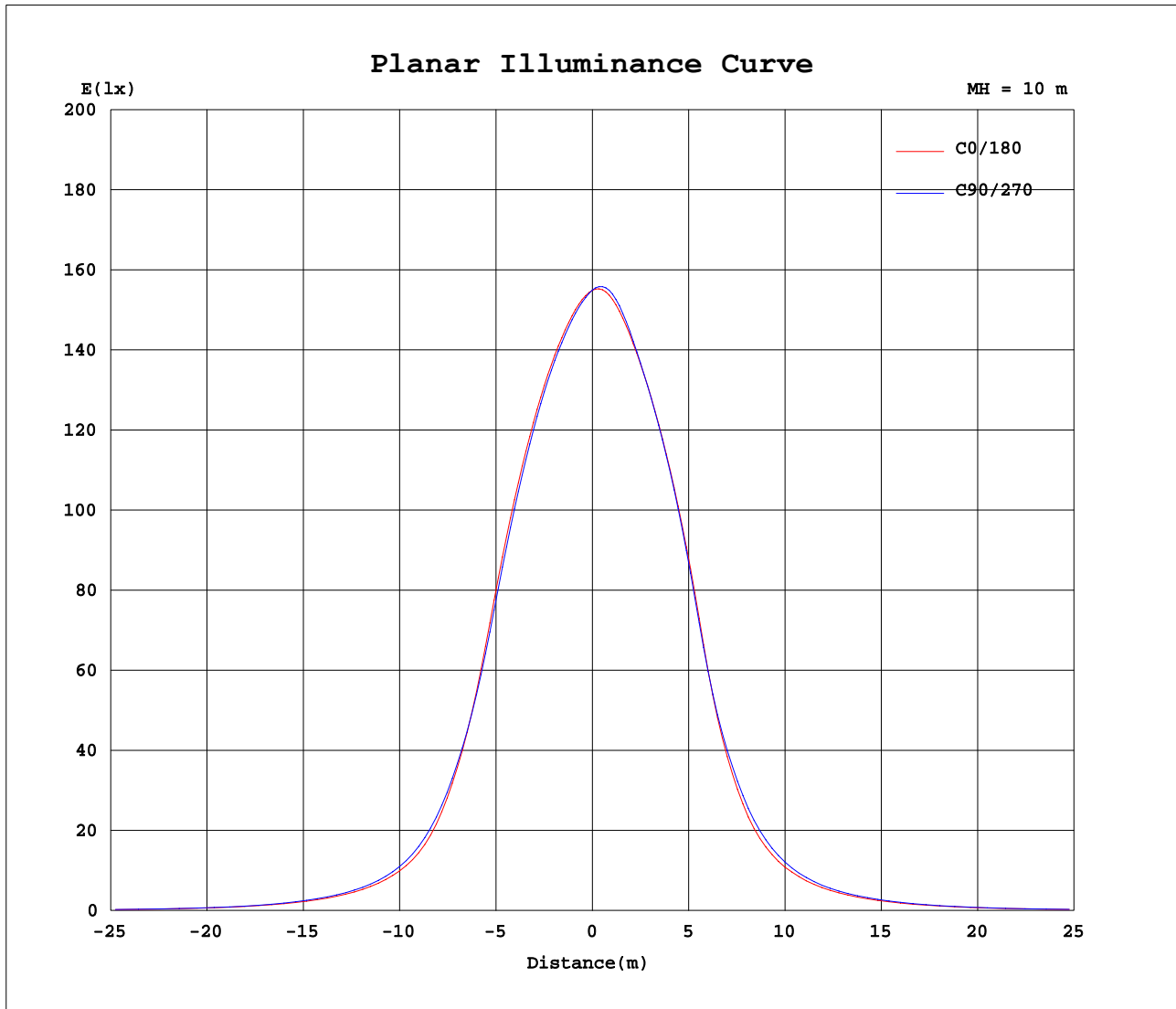
AvgL	cd/m2
L_0~180 (65) av	29639
L_0~180 (75) av	16527
L_0~180 (85) av	4902
L_90~270 (65) av	31749
L_90~270 (75) av	17085
L_90~270 (85) av	5141
L_45 (65) av	29221
L_45 (75) av	15935
L_45 (85) av	4962

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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-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	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550
5	1519	1513	1509	1506	1505	1507	1509	1514	1520	1528	1536	1546	1556	1562	1570	1572	1574	1571	1567
10	1477	1468	1462	1458	1457	1459	1463	1470	1478	1490	1502	1517	1529	1537	1546	1546	1548	1542	1540
15	1424	1412	1401	1397	1395	1400	1405	1415	1426	1443	1458	1475	1487	1493	1499	1495	1496	1489	1487
20	1338	1323	1307	1301	1297	1305	1312	1328	1343	1367	1386	1408	1421	1425	1431	1426	1427	1419	1417
25	1187	1171	1147	1141	1133	1147	1153	1176	1195	1230	1251	1280	1291	1293	1301	1291	1294	1280	1281
30	928	915	892	897	893	909	909	929	940	976	989	1017	1023	1013	1024	1010	1023	1008	1012
35	652	639	634	648	652	663	669	675	667	680	691	708	700	690	717	721	731	718	728
40	420	426	415	431	438	466	459	458	441	452	444	458	456	465	480	489	501	502	502
45	281	293	277	279	298	323	311	304	299	307	296	301	307	324	324	320	347	355	343
50	200	207	198	191	212	228	220	211	214	216	211	208	217	230	230	219	247	250	239
55	144	148	143	136	152	162	157	149	154	154	152	147	156	163	166	154	177	178	171
60	99.5	102	99.1	93.7	104	111	107	102	106	106	105	102	109	113	115	106	122	123	118
65	64.8	66.0	64.1	61.2	66.6	70.8	68.9	65.9	68.1	69.3	68.6	66.9	71.3	73.4	74.9	69.3	79.2	78.8	76.9
70	39.6	40.2	38.6	37.6	39.5	42.2	41.1	40.0	40.9	42.7	41.9	41.7	44.3	45.2	46.2	43.1	48.1	47.5	46.8
75	21.4	21.3	20.3	20.1	20.6	22.1	21.8	21.5	21.7	22.4	22.9	23.8	25.1	25.3	25.9	24.6	27.1	26.4	26.2
80	9.41	8.99	8.00	8.70	7.92	9.36	9.59	9.47	8.69	9.98	9.41	10.8	11.6	11.7	11.3	11.6	11.8	12.2	12.4
85	1.85	1.34	1.47	1.66	1.44	1.22	1.76	1.40	1.71	2.27	2.13	2.06	2.80	1.97	2.64	3.14	2.95	2.24	3.10
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:219.2V I:0.4661A P:99.52W PF:0.9741 Freq:50.00Hz Lamp Flux:20202.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-A2-00-5070-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Table--2

UNIT: $\times 10\text{cd}$

C (DEG) γ (DEG)	285	300	315	330	345														
0	1550	1550	1550	1550	1550														
5	1560	1553	1543	1536	1527														
10	1530	1524	1512	1502	1489														
15	1481	1478	1466	1456	1440														
20	1408	1406	1392	1381	1360														
25	1269	1269	1253	1242	1216														
30	993	999	986	986	958														
35	710	706	684	689	673														
40	486	474	458	442	431														
45	328	320	308	294	277														
50	227	226	216	208	192														
55	160	162	153	149	136														
60	110	111	105	103	93.5														
65	71.0	72.2	68.5	67.4	61.3														
70	43.2	43.9	42.0	41.3	37.9														
75	24.2	24.4	22.6	22.4	21.1														
80	11.2	10.2	9.78	9.12	9.23														
85	2.06	2.40	2.33	1.99	1.35														
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: