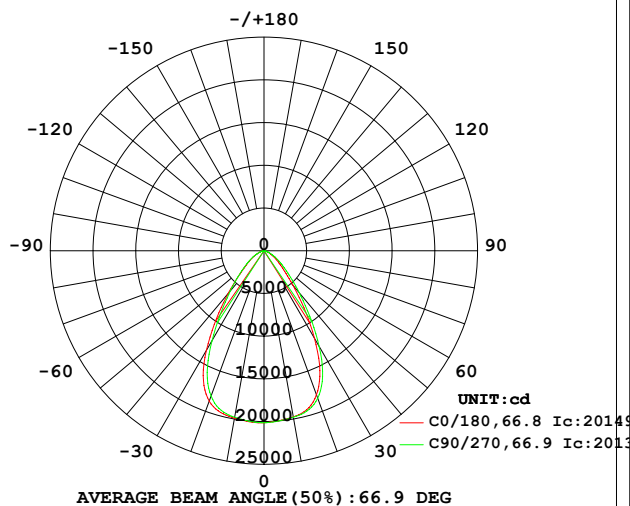


LUMINAIRE PHOTOMETRIC TEST REPORT

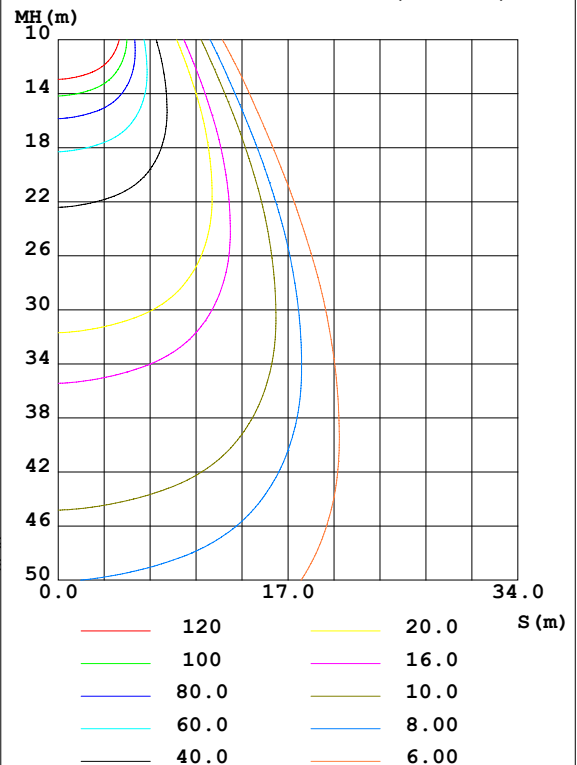
Test:U:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 178.06 lm/W			
MODEL	2835	I _{max} (cd)	20149	S/MH (C0/180)	1.01
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	0.98
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	26477	η UP,DN (C0-180)	0.0,50.4
NOMINAL FLUX (lm)	26477	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.6
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:2024-8-20

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	1975	1975	1979	1984	1990	1985	1979	1978	0- 10	1904	1904	7.19,7.19
20	1795	1824	1838	1865	1874	1847	1810	1782	10- 20	5446	7350	27.8,27.8
30	1183	1248	1292	1341	1349	1254	1220	1156	20- 30	7245	14596	55.1,55.1
40	524.7	569.2	642.4	645.0	650.0	585.6	612.7	555.1	30- 40	5588	20183	76.2,76.2
50	242.4	278.7	309.7	311.3	292.1	294.1	304.8	275.4	40- 50	3187	23370	88.3,88.3
60	118.0	137.7	149.8	156.8	141.8	148.8	149.6	134.9	50- 60	1834	25204	95.2,95.2
70	46.74	51.02	57.52	60.82	58.89	58.69	57.89	50.22	60- 70	914.5	26118	98.6,98.6
80	10.65	11.35	13.53	15.13	16.25	14.57	14.87	11.34	70- 80	316.0	26434	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	42.74	26477	100,100
100	0	0	0	0	0	0	0	0	90-100	0	26477	100,100
110	0	0	0	0	0	0	0	0	100-110	0	26477	100,100
120	0	0	0	0	0	0	0	0	110-120	0	26477	100,100
130	0	0	0	0	0	0	0	0	120-130	0	26477	100,100
140	0	0	0	0	0	0	0	0	130-140	0	26477	100,100
150	0	0	0	0	0	0	0	0	140-150	0	26477	100,100
160	0	0	0	0	0	0	0	0	150-160	0	26477	100,100
170	0	0	0	0	0	0	0	0	160-170	0	26477	100,100
180	0	0	0	0	0	0	0	0	170-180	0	26477	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 22002 lm

%lum = 83.1%

%lamp = 83.1%

Conical surface Flux(120deg): 25204 lm

%lum = 95.2%

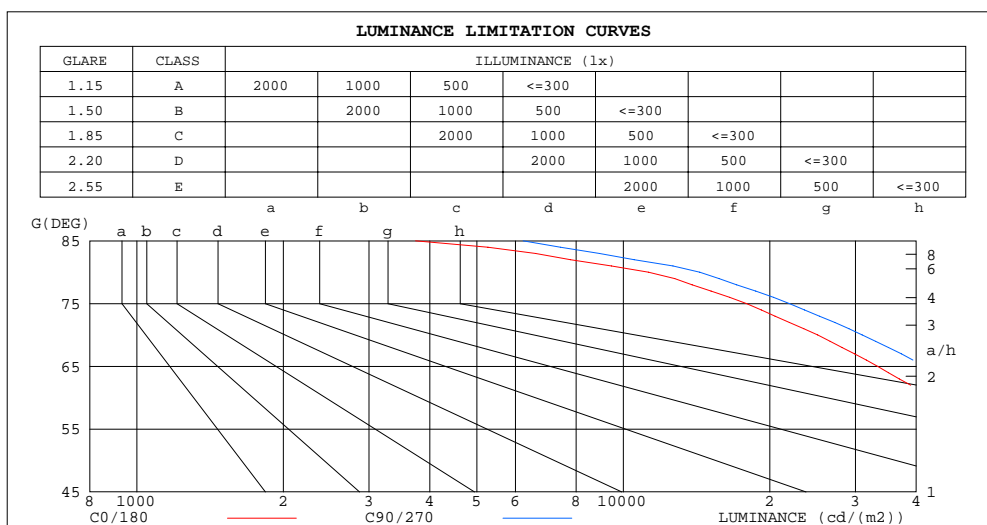
%lamp = 95.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3740	6223
80	11265	14351
75	17915	21935
70	25097	30977
65	33300	41697
60	43333	55175
55	55143	70477
50	69267	88754
45	89971	115157

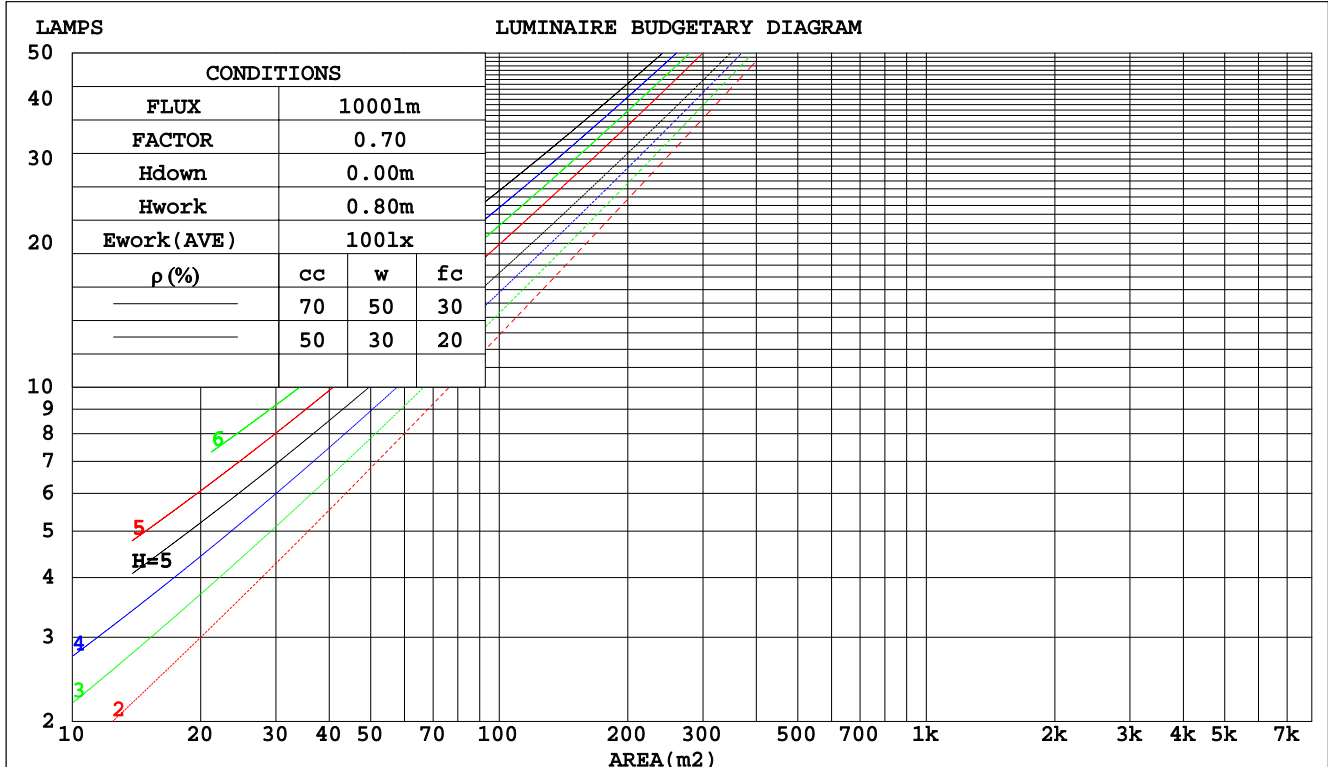
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-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	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	.00
1.0	1.09	1.06	1.03	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	.99	.95	.91	.98	.93	.90	.94	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.91	.85	.80	.90	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.67	.64	.71	.66	.63	.61
6.0	.71	.64	.59	.70	.64	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.56
7.0	.66	.59	.54	.65	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.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	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-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	.212	.121	.038	.205	.117	.037	.193	.110	.035	.181	.104	.033	.170	.099	.032	
2.0	.205	.112	.035	.199	.110	.034	.188	.105	.033	.178	.100	.031	.169	.096	.030	
3.0	.195	.104	.031	.190	.102	.031	.181	.098	.030	.172	.094	.029	.164	.091	.028	
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026	
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.081	.024	
6.0	.166	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023	
7.0	.157	.078	.022	.154	.077	.022	.149	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	.127	.064	.019	
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.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	.148	.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	.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	.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	.039	.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:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm											
NAME: AOK HBE					TYPE:			WEIGHT:			
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-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	25.1	26.2	25.3	26.4	26.6	25.6	26.8	25.9	27.0	27.1	
	3H	25.3	26.4	25.6	26.6	26.8	25.9	27.0	26.2	27.2	
	4H	25.3	26.3	25.6	26.6	26.8	26.0	27.0	26.3	27.2	
	6H	25.3	26.2	25.6	26.5	26.7	25.9	26.9	26.3	27.1	
	8H	25.3	26.2	25.6	26.4	26.7	25.9	26.8	26.2	27.1	
	12H	25.2	26.1	25.5	26.3	26.6	25.9	26.7	26.2	27.0	
4H	2H	25.2	26.2	25.5	26.4	26.6	25.7	26.7	26.0	26.9	
	3H	25.5	26.4	25.8	26.6	26.9	26.1	26.9	26.4	27.2	
	4H	25.6	26.4	25.9	26.7	27.0	26.1	26.9	26.5	27.2	
	6H	25.6	26.3	26.0	26.6	26.9	26.1	26.8	26.5	27.1	
	8H	25.5	26.2	25.9	26.5	26.9	26.1	26.7	26.5	27.1	
	12H	25.5	26.1	25.9	26.4	26.8	26.1	26.6	26.5	27.0	
8H	4H	25.5	26.2	25.9	26.5	26.9	26.1	26.7	26.5	27.0	
	6H	25.5	26.0	26.0	26.4	26.9	26.1	26.6	26.5	27.0	
	8H	25.5	26.0	26.0	26.4	26.8	26.1	26.5	26.5	26.9	
	12H	25.5	25.8	25.9	26.3	26.8	26.0	26.4	26.5	26.8	
12H	4H	25.5	26.1	25.9	26.4	26.8	26.0	26.6	26.4	27.0	
	6H	25.5	25.9	25.9	26.4	26.8	26.0	26.5	26.5	26.9	
	8H	25.5	25.9	25.9	26.3	26.8	26.0	26.4	26.5	26.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.7					+ 1.2 / - 1.5					
1.5H	+ 1.5 / - 1.2					+ 2.0 / - 1.6					
2.0H	+ 1.7 / - 1.7					+ 2.5 / - 2.4					

CIE Pub.117, 26477 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.4$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

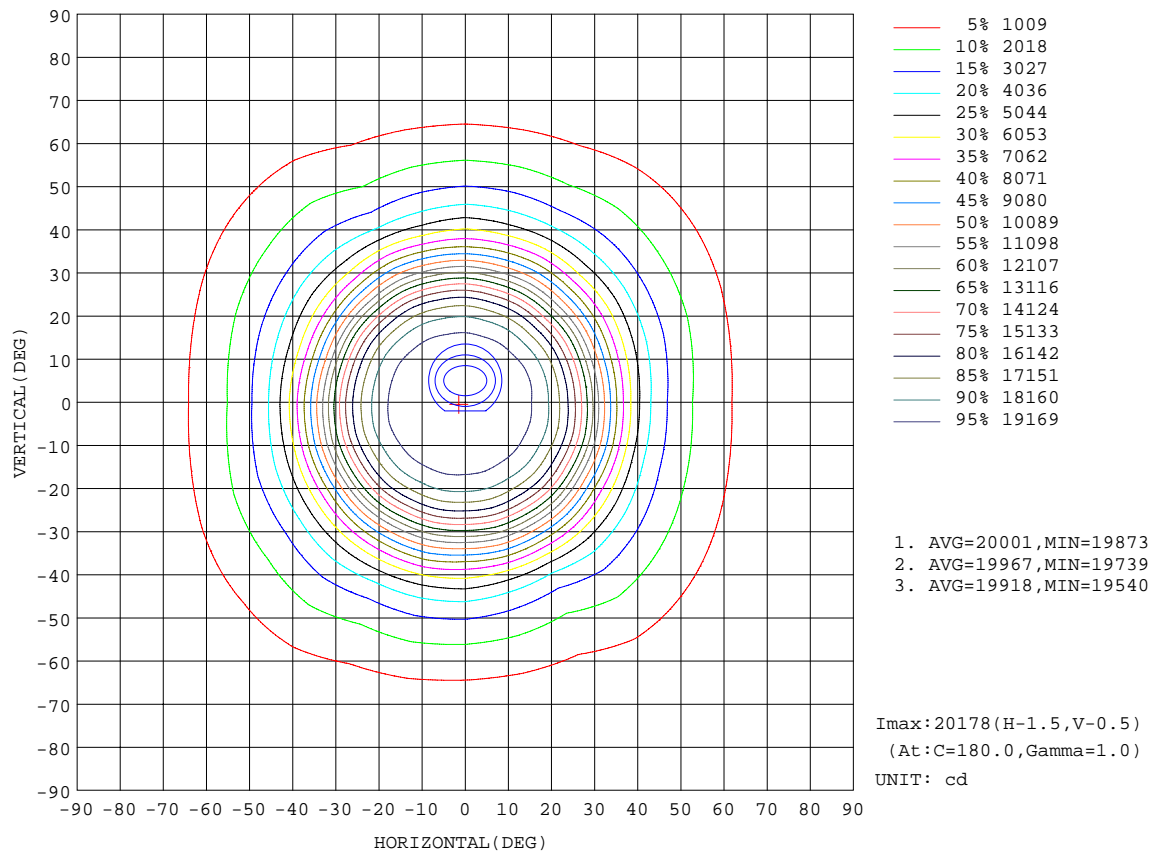
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	76	72	67
1.00	92	84	79	91	84	79	89	84	79	74
1.25	97	90	85	96	89	85	94	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	101	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:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

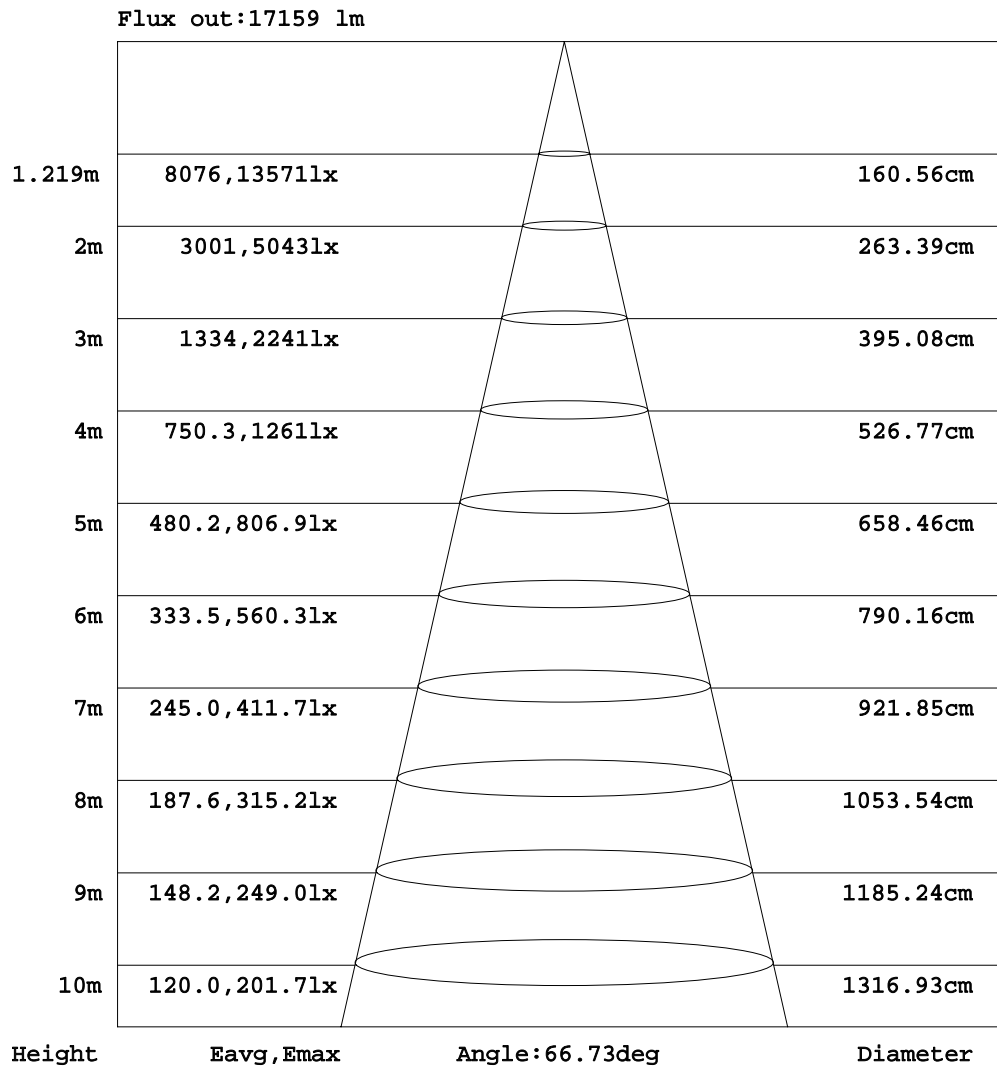


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



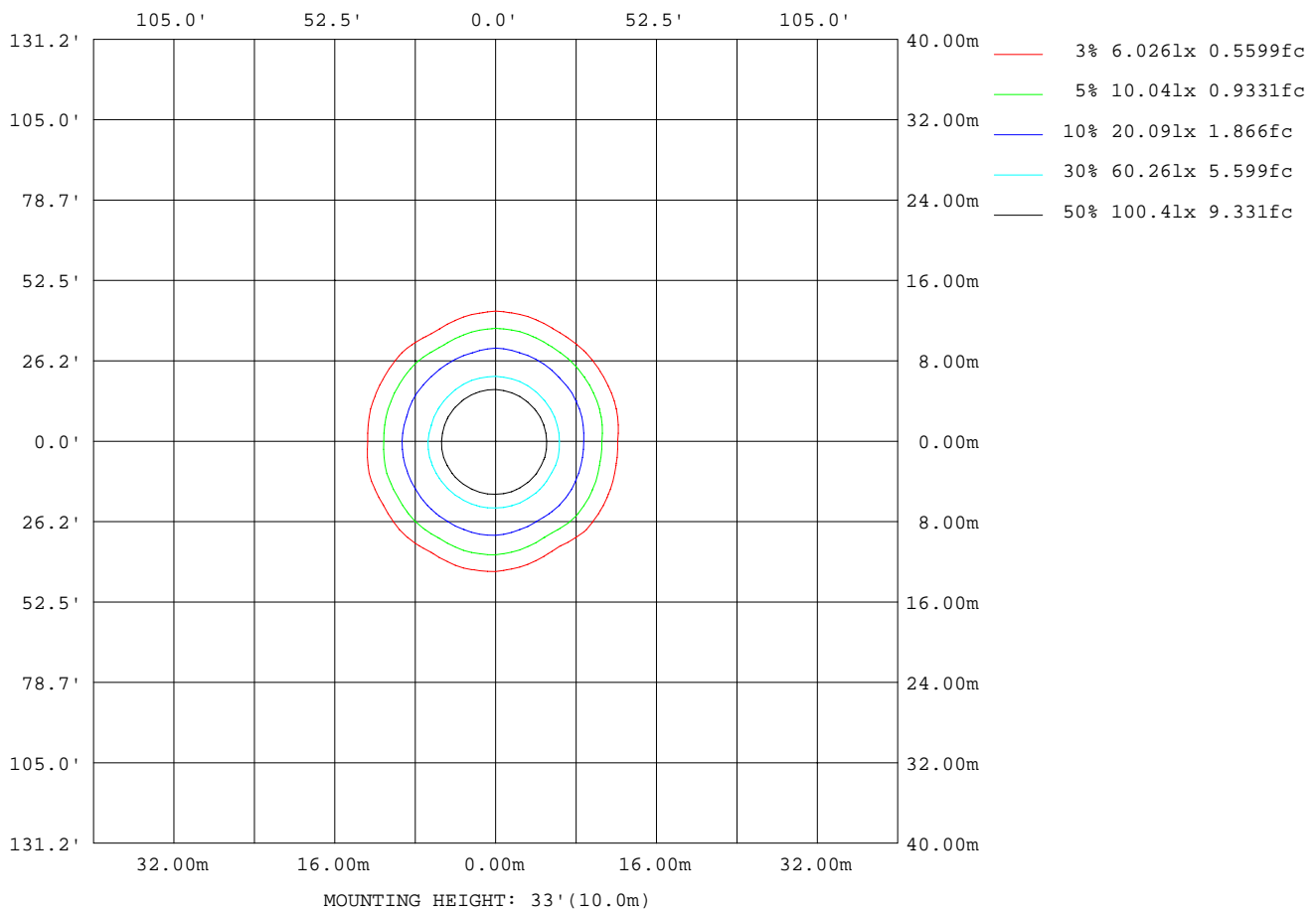
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-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:2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

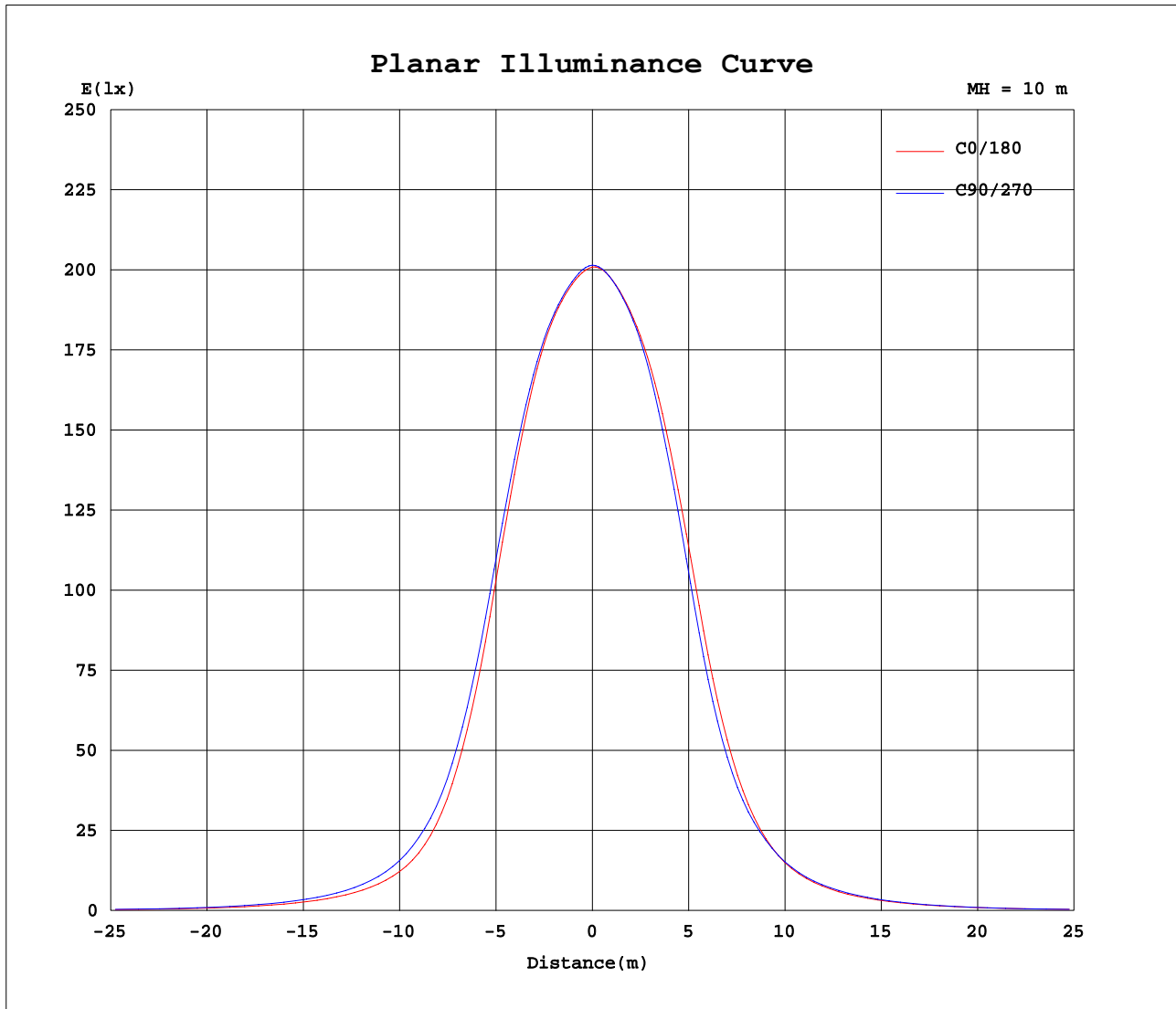
AvgL	cd/m2
L_0~180 (65) av	37096
L_0~180 (75) av	21013
L_0~180 (85) av	6591
L_90~270 (65) av	41809
L_90~270 (75) av	22177
L_90~270 (85) av	6708
L_45 (65) av	40734
L_45 (75) av	19512
L_45 (85) av	6541

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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: 2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
5	1996	1996	1996	1997	1997	1998	1999	2001	2002	2004	2006	2008	2008	2007	2007	2005	2005	2003	2002
10	1975	1975	1974	1975	1976	1978	1979	1981	1982	1984	1986	1990	1990	1989	1989	1985	1983	1979	1979
15	1928	1932	1931	1935	1936	1941	1943	1948	1950	1955	1956	1960	1960	1958	1958	1951	1946	1937	1935
20	1795	1810	1813	1824	1824	1836	1838	1849	1852	1865	1865	1874	1874	1866	1864	1847	1838	1817	1810
25	1549	1577	1581	1603	1605	1624	1624	1642	1647	1669	1671	1684	1678	1658	1652	1622	1614	1584	1574
30	1183	1211	1214	1248	1259	1290	1292	1313	1314	1341	1344	1360	1349	1306	1291	1254	1253	1225	1220
35	818	842	836	872	892	929	936	964	957	963	960	981	970	919	893	876	892	876	871
40	525	529	555	569	572	609	642	659	650	645	640	648	650	613	604	586	596	591	613
45	346	351	375	388	360	401	442	443	429	438	428	433	424	420	419	407	384	407	430
50	242	250	267	279	247	282	310	312	295	311	298	308	292	297	294	294	266	290	305
55	172	181	191	200	175	202	219	223	207	225	213	223	204	214	210	214	188	208	218
60	118	125	130	138	120	139	150	154	143	157	148	155	142	149	147	149	130	143	150
65	76.6	80.7	83.8	88.5	77.5	88.8	95.7	98.7	92.6	102	96.9	101	93.7	97.7	96.7	97.0	85.5	92.0	96.3
70	46.7	48.4	49.4	51.0	46.3	53.1	57.5	59.3	55.8	60.8	58.9	61.5	58.9	60.1	59.3	58.7	53.1	55.7	57.9
75	25.2	25.7	23.3	25.2	21.7	28.5	30.8	31.8	27.1	31.1	28.9	33.9	33.8	33.5	30.6	29.3	29.0	30.7	31.5
80	10.7	9.85	9.28	11.4	9.37	11.0	13.5	13.0	12.1	15.1	13.4	14.8	16.2	14.7	12.7	14.6	12.7	13.6	14.9
85	1.77	1.53	1.85	2.18	2.04	1.84	2.94	2.51	3.17	4.01	3.66	3.52	4.47	3.23	3.72	4.00	3.58	2.68	3.41
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: 2024-8-20

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:219.1V I:0.6891A P:148.7W PF:0.9848 Freq:50.01Hz Lamp Flux:26477x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-4080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2014	2014	2014	2014	2014														
5	2000	2000	2000	1999	1998														
10	1977	1978	1978	1979	1978														
15	1929	1929	1926	1929	1928														
20	1793	1792	1782	1791	1791														
25	1546	1541	1521	1532	1534														
30	1187	1182	1156	1168	1162														
35	857	847	820	821	810														
40	591	581	555	560	542														
45	412	392	385	381	372														
50	294	273	275	270	265														
55	210	192	198	191	189														
60	143	130	135	130	129														
65	91.2	83.8	86.3	83.6	82.2														
70	54.0	50.0	50.2	49.4	48.8														
75	28.8	25.3	24.1	24.3	25.7														
80	11.8	10.7	11.3	9.84	9.57														
85	2.04	2.50	2.20	2.04	1.38														
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:2024-8-20

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: