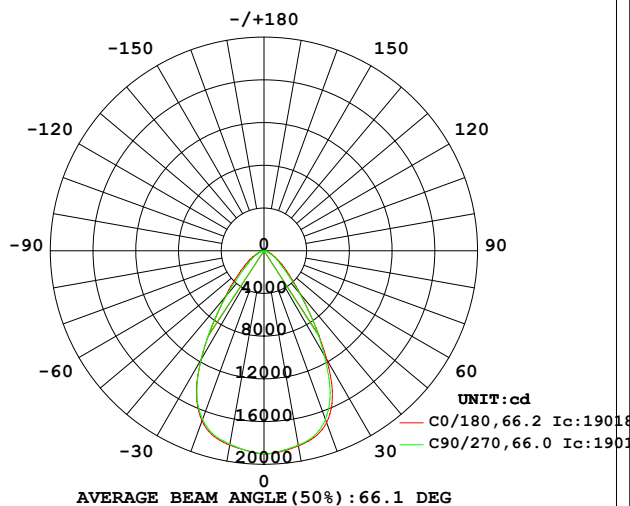


LUMINAIRE PHOTOMETRIC TEST REPORT

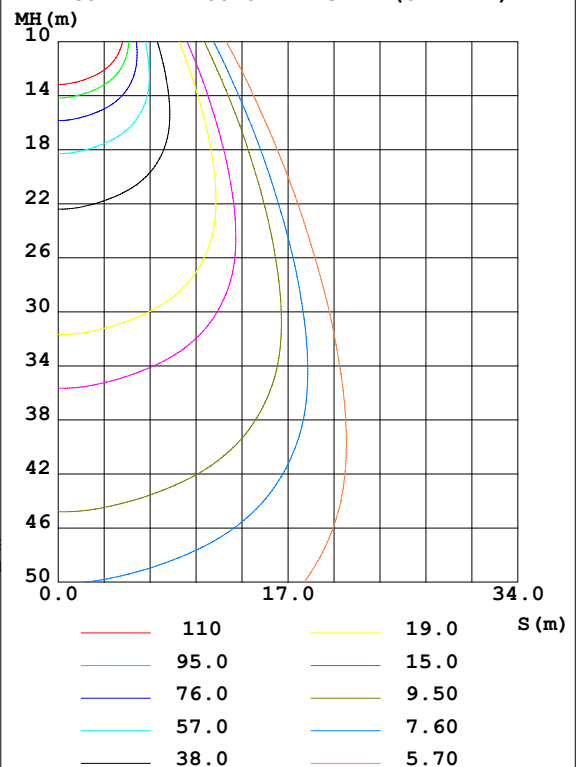
Test:U:219.2V I:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.60 lm/W			
MODEL	2835	I _{max} (cd)	19023	S/MH (C0/180)	0.98
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	0.98
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24474	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	24474.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.0
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:2024-10-26

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	1855	1853	1847	1846	1848	1839	1839	1848	0- 10	1785	1785	7.29,7.29
20	1713	1699	1682	1693	1696	1681	1682	1700	10- 20	5051	6835	27.9,27.9
30	1177	1128	1128	1168	1178	1168	1181	1178	20- 30	6720	13555	55.4,55.4
40	529.8	527.4	519.6	590.0	567.6	528.3	539.0	575.5	30- 40	5155	18711	76.5,76.5
50	249.2	267.7	217.0	292.2	269.0	254.0	216.9	269.5	40- 50	2925	21636	88.4,88.4
60	121.2	133.1	103.9	144.8	130.4	126.9	102.6	130.6	50- 60	1676	23312	95.3,95.3
70	47.06	52.15	43.10	57.13	52.55	49.31	42.44	48.28	60- 70	829.8	24142	98.6,98.6
80	11.35	11.02	12.86	12.77	13.53	10.25	11.35	9.886	70- 80	291.1	24433	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	40.74	24474	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24474	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24474	100,100
120	0	0	0	0	0	0	0	0	110-120	0	24474	100,100
130	0	0	0	0	0	0	0	0	120-130	0	24474	100,100
140	0	0	0	0	0	0	0	0	130-140	0	24474	100,100
150	0	0	0	0	0	0	0	0	140-150	0	24474	100,100
160	0	0	0	0	0	0	0	0	150-160	0	24474	100,100
170	0	0	0	0	0	0	0	0	160-170	0	24474	100,100
180	0	0	0	0	0	0	0	0	170-180	0	24474	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 20382 lm

%lum = 83.3%

%lamp = 83.3%

Conical surface Flux(120deg): 23312 lm

%lum = 95.3%

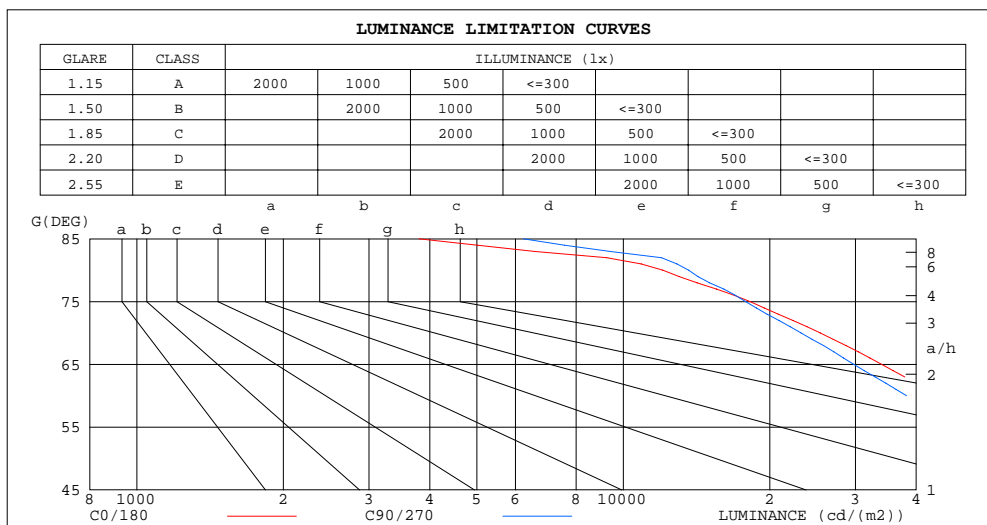
%lamp = 95.3%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



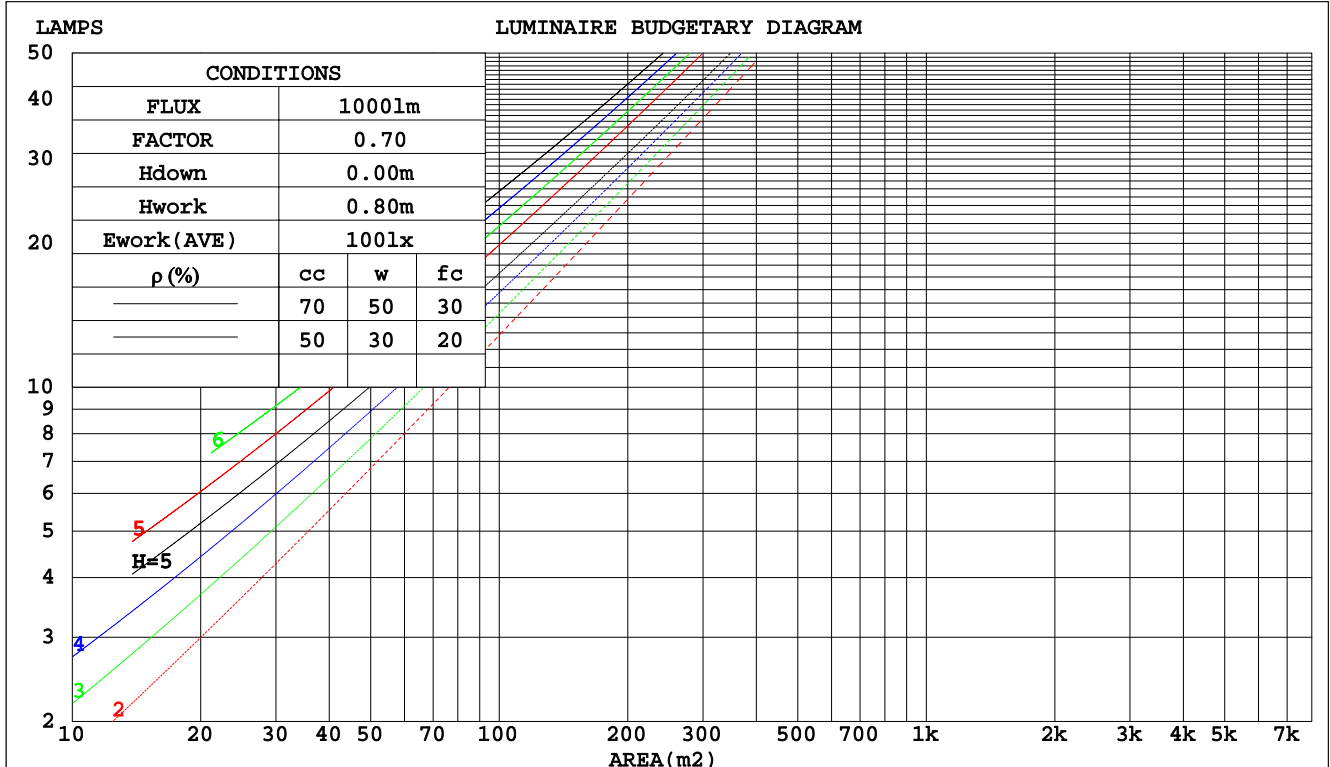
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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	1.00
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	.00	.95	.91	.98	.93	.90	.94	.91	.88	.91	.88	.86	.89	.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	.74	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.70	.65	.74	.69	.64	.72	.68	.64	.71	.67	.63	.61
6.0	.71	.64	.59	.71	.64	.59	.69	.63	.59	.67	.62	.58	.66	.62	.58	.56
7.0	.66	.59	.55	.66	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.52
8.0	.62	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.48
9.0	.58	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.48	.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: 2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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	.212	.120	.038	.205	.117	.037	.192	.110	.035	.180	.104	.033	.170	.098	.032		
2.0	.205	.112	.034	.199	.110	.034	.188	.105	.032	.178	.100	.031	.169	.095	.030		
3.0	.195	.104	.031	.190	.102	.031	.180	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.185	.096	.028	.180	.094	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026		
5.0	.175	.089	.026	.171	.088	.026	.164	.085	.025	.157	.083	.025	.151	.080	.024		
6.0	.165	.083	.024	.162	.082	.024	.156	.080	.023	.150	.078	.023	.144	.076	.023		
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.149	.073	.020	.146	.072	.020	.141	.071	.020	.136	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.139	.068	.019	.135	.067	.019	.130	.065	.019	.126	.064	.019		
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.017		

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	.109	.138	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.013	
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	.026	.089	.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:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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	25.3	26.4	25.5	26.6	26.8
3H	25.4	26.4	25.6	26.6	26.8	25.5	26.6	25.8	26.8	27.0
4H	25.4	26.4	25.7	26.6	26.9	25.6	26.6	25.9	26.8	27.0
6H	25.4	26.3	25.7	26.6	26.8	25.6	26.5	25.9	26.7	27.0
8H	25.4	26.2	25.7	26.5	26.8	25.5	26.4	25.9	26.7	27.0
12H	25.3	26.2	25.6	26.4	26.7	25.5	26.4	25.8	26.6	26.9
4H 2H	25.2	26.2	25.5	26.5	26.7	25.4	26.4	25.7	26.6	26.8
3H	25.6	26.4	25.9	26.7	27.0	25.8	26.6	26.1	26.9	27.2
4H	25.7	26.4	26.0	26.7	27.1	25.9	26.6	26.2	26.9	27.3
6H	25.7	26.3	26.1	26.7	27.0	25.9	26.6	26.3	26.9	27.2
8H	25.6	26.3	26.0	26.6	27.0	25.9	26.5	26.3	26.8	27.2
12H	25.6	26.2	26.0	26.6	26.9	25.8	26.4	26.2	26.8	27.2
8H 4H	25.6	26.2	26.0	26.6	27.0	25.8	26.4	26.2	26.8	27.2
6H	25.6	26.2	26.1	26.6	27.0	25.8	26.4	26.3	26.8	27.2
8H	25.6	26.1	26.1	26.5	26.9	25.8	26.3	26.3	26.7	27.2
12H	25.6	26.0	26.1	26.4	26.9	25.8	26.2	26.3	26.6	27.1
12H 4H	25.6	26.2	26.0	26.5	26.9	25.8	26.3	26.2	26.7	27.1
6H	25.6	26.1	26.1	26.5	26.9	25.8	26.3	26.3	26.7	27.1
8H	25.6	26.0	26.1	26.4	26.9	25.8	26.2	26.3	26.6	27.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.7					+ 1.0 / - 1.8				
1.5H	+ 1.6 / - 1.4					+ 1.3 / - 1.7				
2.0H	+ 2.0 / - 2.2					+ 1.8 / - 2.3				

CIE Pub.117, 24474 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

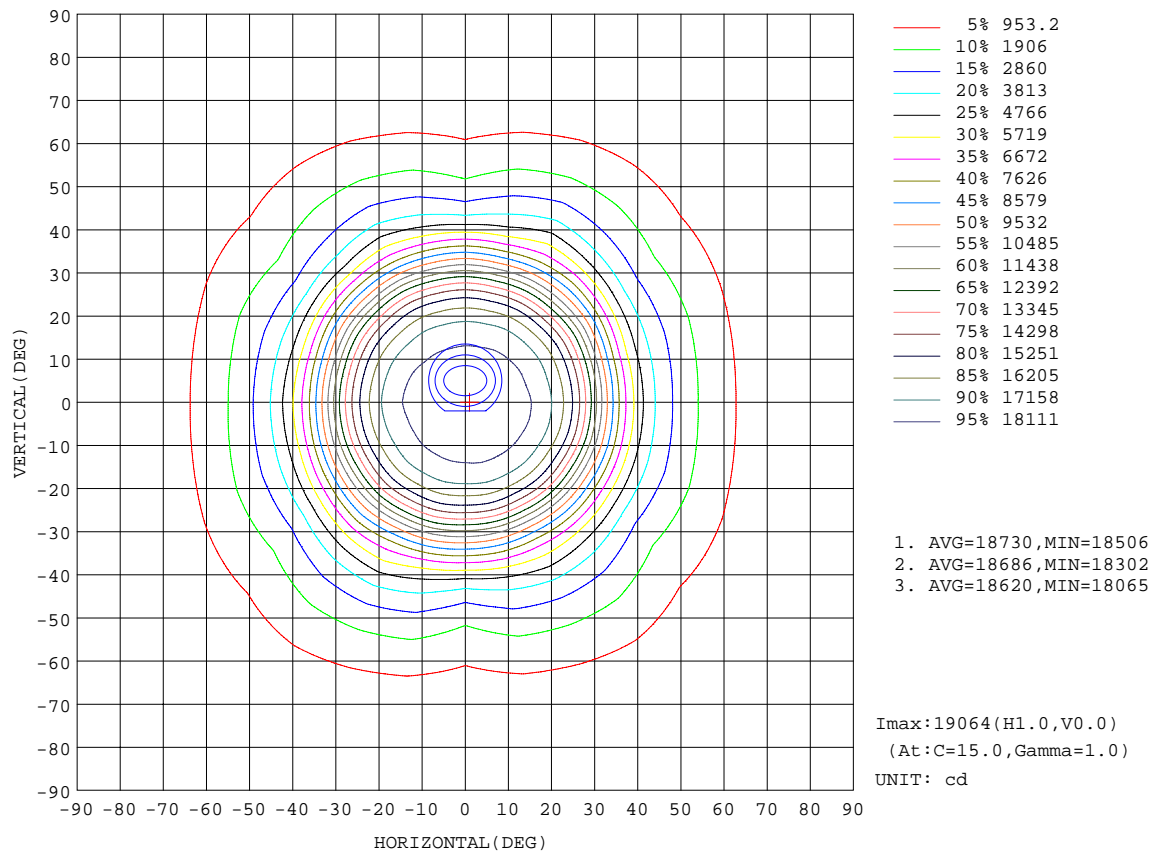
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	59
0.80	85	78	73	85	77	73	83	77	72	67
1.00	92	84	80	91	84	79	89	84	79	74
1.25	97	90	86	96	90	85	94	88	84	79
1.50	101	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	110	106	104	106	103	101	94
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:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

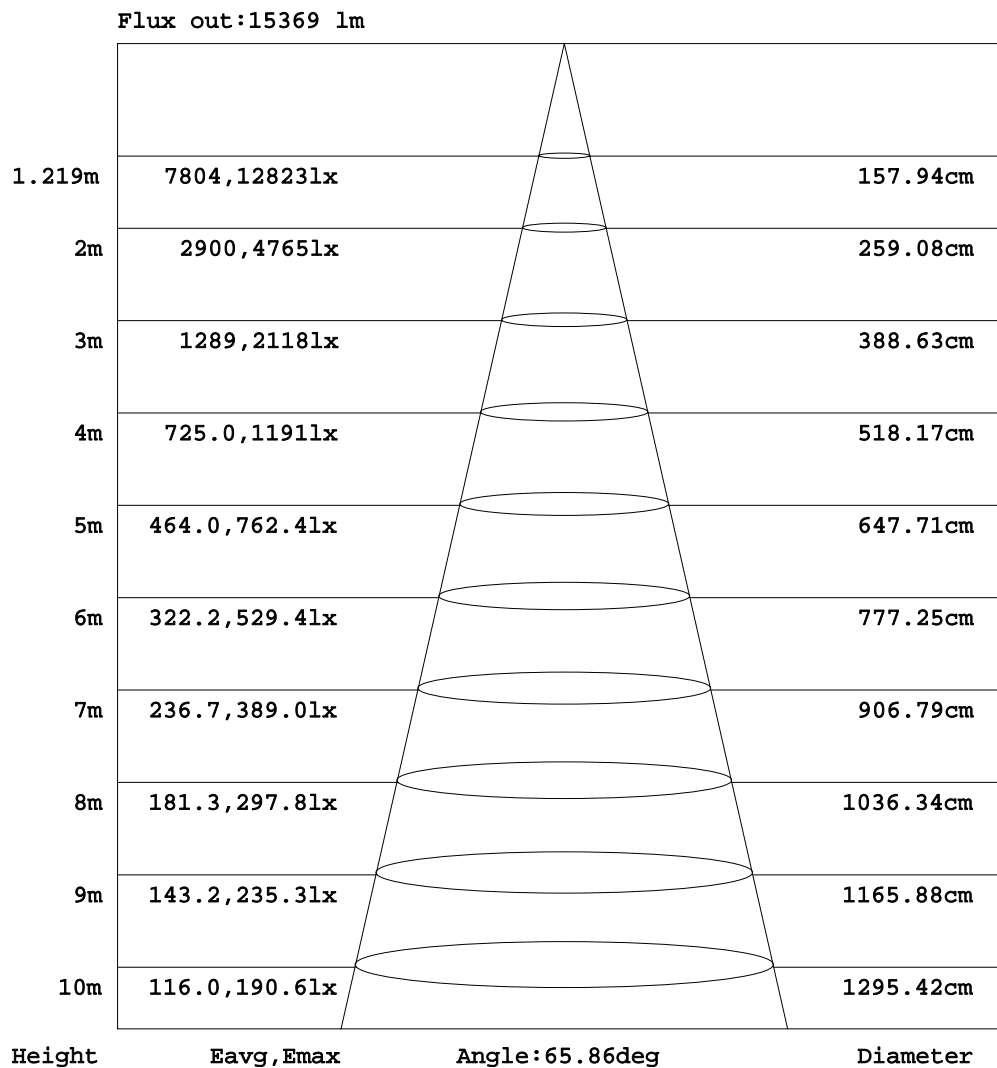


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



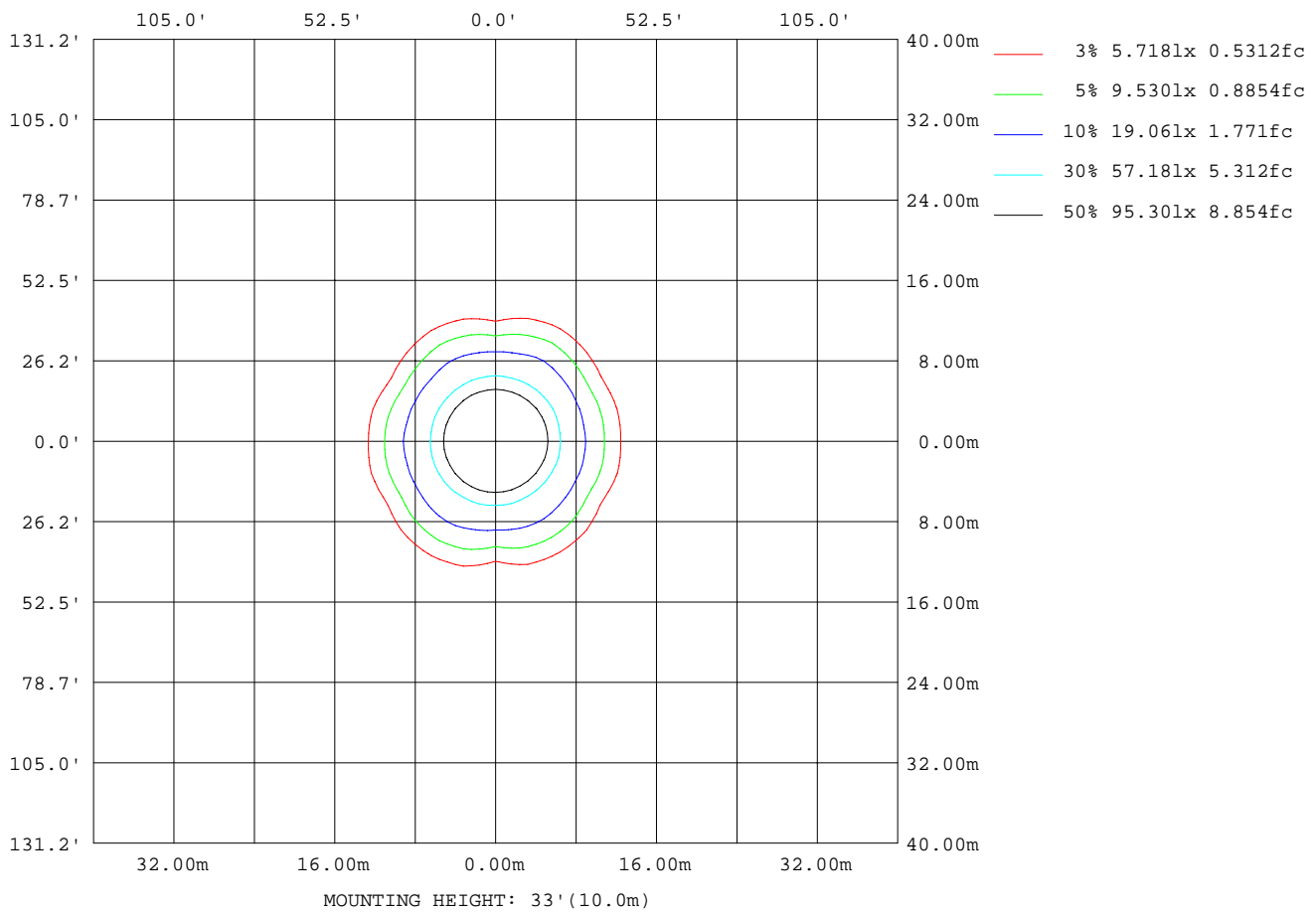
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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:2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

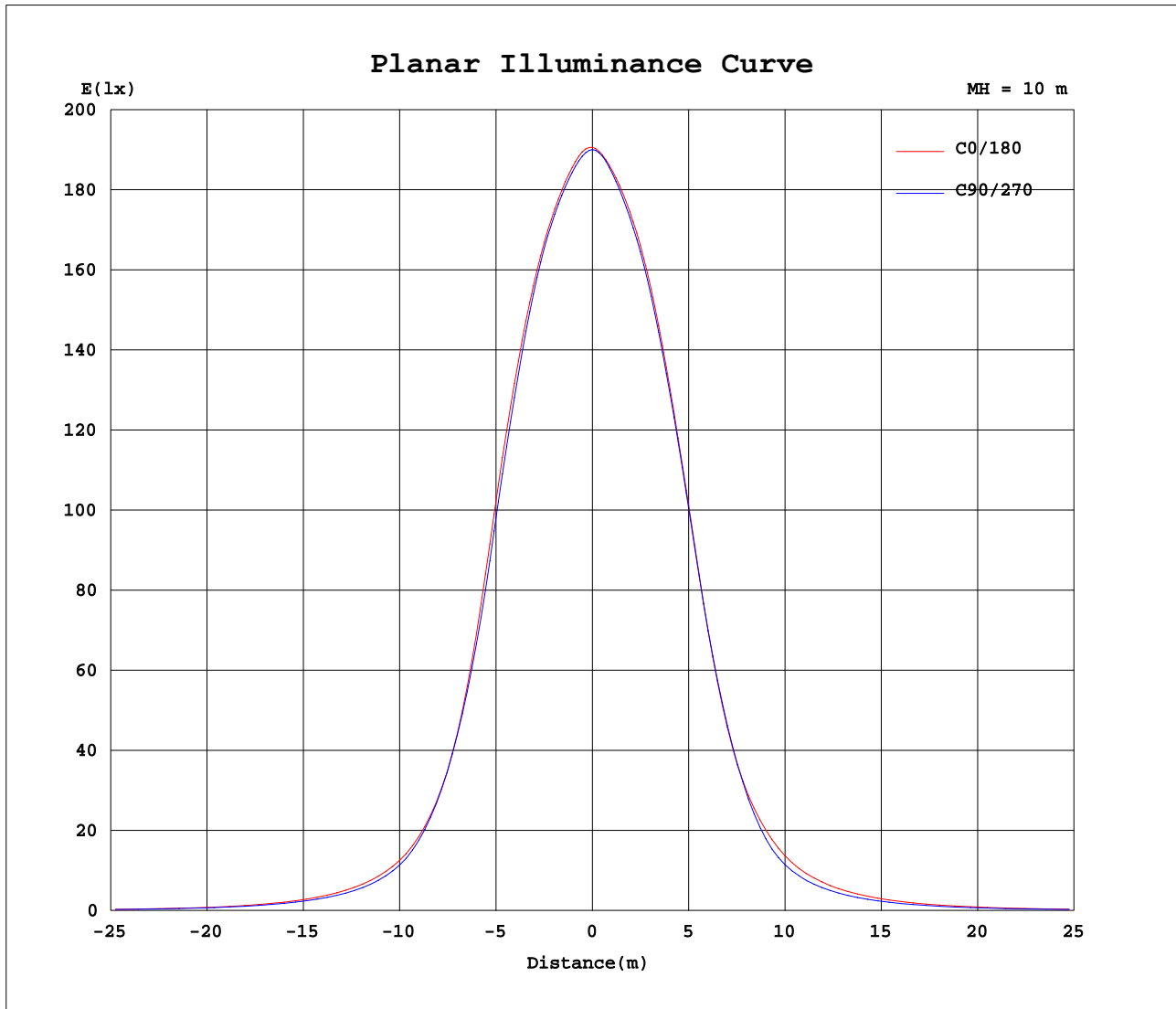
AvgL	cd/m2
L_0~180 (65) av	35473
L_0~180 (75) av	19475
L_0~180 (85) av	5021
L_90~270 (65) av	29618
L_90~270 (75) av	17519
L_90~270 (85) av	5191
L_45 (65) av	37604
L_45 (75) av	17913
L_45 (85) av	6494

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-10-26

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: 2024-10-26

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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901	1901
5	1887	1888	1886	1886	1883	1883	1881	1881	1879	1879	1878	1879	1878	1877	1877	1876	1877	1877	1879
10	1855	1856	1853	1853	1851	1851	1847	1847	1845	1846	1845	1847	1848	1845	1842	1839	1838	1837	1839
15	1811	1813	1808	1807	1804	1804	1798	1800	1799	1801	1798	1801	1801	1797	1795	1788	1788	1785	1789
20	1713	1714	1702	1699	1689	1690	1682	1689	1687	1693	1688	1695	1696	1690	1690	1681	1685	1677	1682
25	1517	1513	1488	1483	1465	1473	1466	1482	1479	1491	1485	1494	1495	1489	1496	1486	1495	1483	1489
30	1177	1168	1135	1128	1111	1125	1128	1150	1148	1168	1162	1177	1178	1167	1181	1168	1183	1169	1181
35	804	813	790	786	774	796	800	819	823	852	841	841	832	822	834	821	830	834	843
40	530	527	517	527	550	536	520	550	598	590	566	560	568	539	537	528	571	549	539
45	354	357	335	370	386	367	322	388	426	410	369	383	386	368	335	354	390	366	324
50	249	256	229	268	275	268	217	281	302	292	251	275	269	263	227	254	277	261	217
55	177	184	160	193	197	193	152	204	215	209	177	199	190	190	159	183	196	188	150
60	121	125	109	133	136	133	104	140	147	145	122	137	130	131	110	127	135	128	103
65	77.7	80.5	71.5	86.4	87.3	85.2	68.3	89.4	94.0	93.7	79.2	88.4	85.1	84.6	73.1	82.3	86.3	81.2	67.6
70	47.1	48.2	43.9	52.2	52.2	51.6	43.1	53.7	56.1	57.1	48.8	53.7	52.6	51.3	45.6	49.3	52.0	48.1	42.4
75	25.5	26.4	24.1	25.1	27.2	28.6	25.1	29.5	29.6	28.9	27.2	30.0	29.2	28.1	25.3	23.9	27.4	25.7	24.2
80	11.4	11.5	9.87	11.0	10.7	13.0	12.9	13.9	11.7	12.8	11.7	13.7	13.5	12.6	10.1	10.2	10.3	11.0	11.4
85	1.80	2.24	2.56	3.16	2.80	3.06	2.95	3.69	3.75	4.19	3.52	3.24	2.96	2.44	2.66	2.89	2.58	2.03	1.96
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: 2024-10-26

 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:0.6928A P:149.6W PF:0.9849 Freq:50.01Hz Lamp Flux:24474.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-5080-60D-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	1901	1901	1901	1901	1901														
5	1879	1882	1882	1886	1886														
10	1841	1846	1848	1853	1853														
15	1790	1799	1802	1808	1809														
20	1682	1698	1700	1711	1711														
25	1482	1499	1499	1519	1517														
30	1165	1181	1178	1202	1185														
35	824	844	853	847	810														
40	544	599	575	545	520														
45	370	418	382	350	357														
50	265	293	270	240	256														
55	191	205	192	166	182														
60	129	138	131	113	124														
65	81.6	88.0	82.9	72.7	78.0														
70	48.3	51.5	48.3	43.7	46.3														
75	25.9	26.8	22.8	23.6	24.7														
80	11.1	9.90	9.89	9.39	10.7														
85	1.87	2.08	2.06	2.01	1.76														
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: 2024-10-26

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: