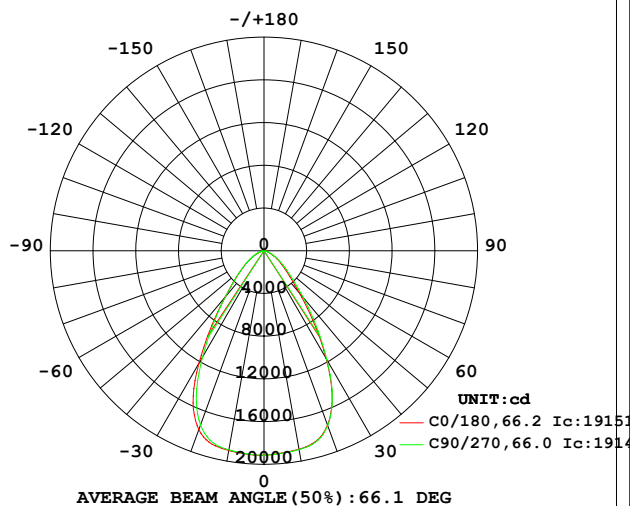


LUMINAIRE PHOTOMETRIC TEST REPORT

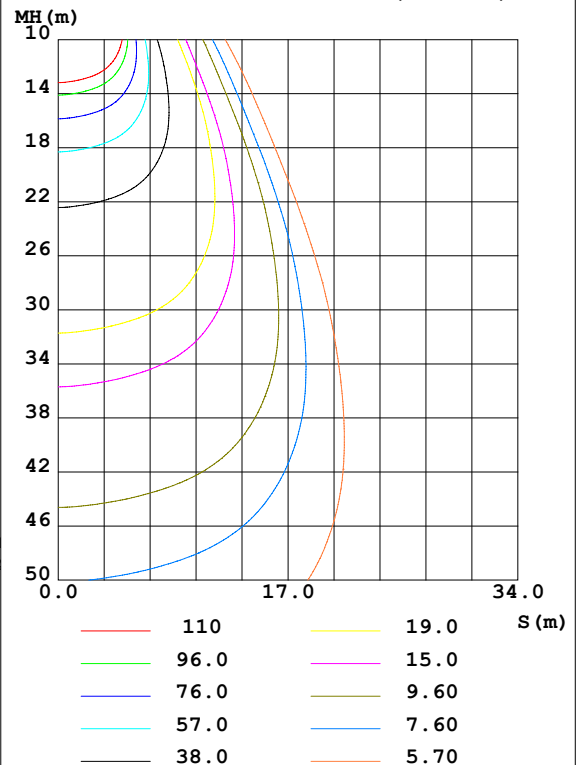
Test:U:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm					
NAME: AOK HBE		TYPE:		WEIGHT:	
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P		DIM.:		SERIAL No.:	
MFR.: AOK		SUR.: Φ 263mm		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 165.03 lm/W
MODEL	2835	I _{max} (cd)	19154	S/MH (C0/180)	0.98	
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	0.97	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	25156	η UP,DN (C0-180)	0.0,50.1	
NOMINAL FLUX (lm)	25156.3	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.9	
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	1887	1887	1890	1895	1900	1896	1894	1895	0- 10	1815	1815	7.22,7.22
20	1738	1745	1744	1772	1783	1758	1737	1728	10- 20	5217	7033	28,28
30	1164	1192	1177	1235	1222	1184	1152	1137	20- 30	6883	13916	55.3,55.3
40	514.3	554.9	569.1	572.7	564.1	582.2	563.9	550.7	30- 40	5252	19168	76.2,76.2
50	245.0	259.8	271.2	276.3	277.2	277.1	277.2	264.6	40- 50	3002	22170	88.1,88.1
60	123.5	128.9	133.5	139.1	140.0	140.1	137.4	131.1	50- 60	1744	23914	95.1,95.1
70	49.63	51.75	52.63	57.04	57.70	57.39	55.36	52.59	60- 70	883.4	24797	98.6,98.6
80	11.79	12.22	13.33	15.22	15.64	15.36	15.78	13.53	70- 80	315.5	25113	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	43.54	25156	100,100
100	0	0	0	0	0	0	0	0	90-100	0	25156	100,100
110	0	0	0	0	0	0	0	0	100-110	0	25156	100,100
120	0	0	0	0	0	0	0	0	110-120	0	25156	100,100
130	0	0	0	0	0	0	0	0	120-130	0	25156	100,100
140	0	0	0	0	0	0	0	0	130-140	0	25156	100,100
150	0	0	0	0	0	0	0	0	140-150	0	25156	100,100
160	0	0	0	0	0	0	0	0	150-160	0	25156	100,100
170	0	0	0	0	0	0	0	0	160-170	0	25156	100,100
180	0	0	0	0	0	0	0	0	170-180	0	25156	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 20877 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 23914 lm

%lum = 95.1%

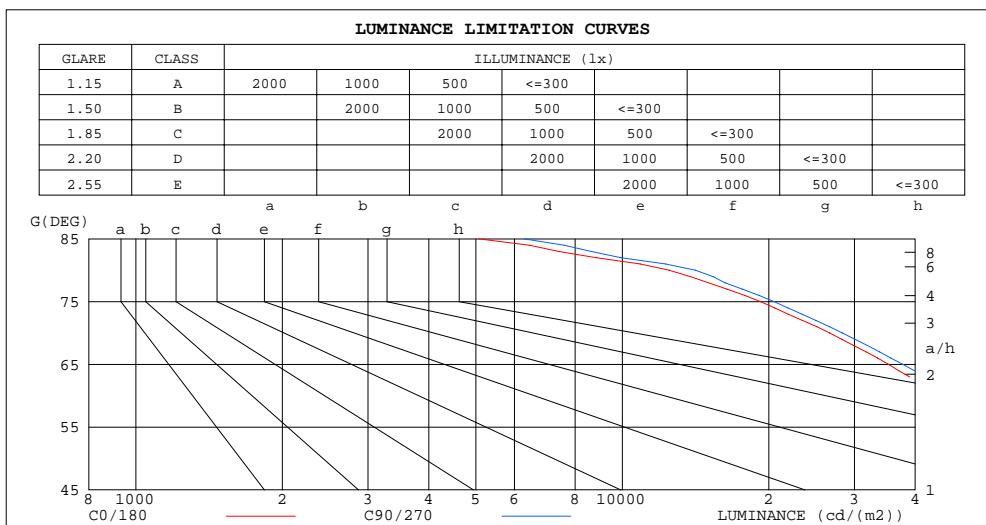
%lamp = 95.1%

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

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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



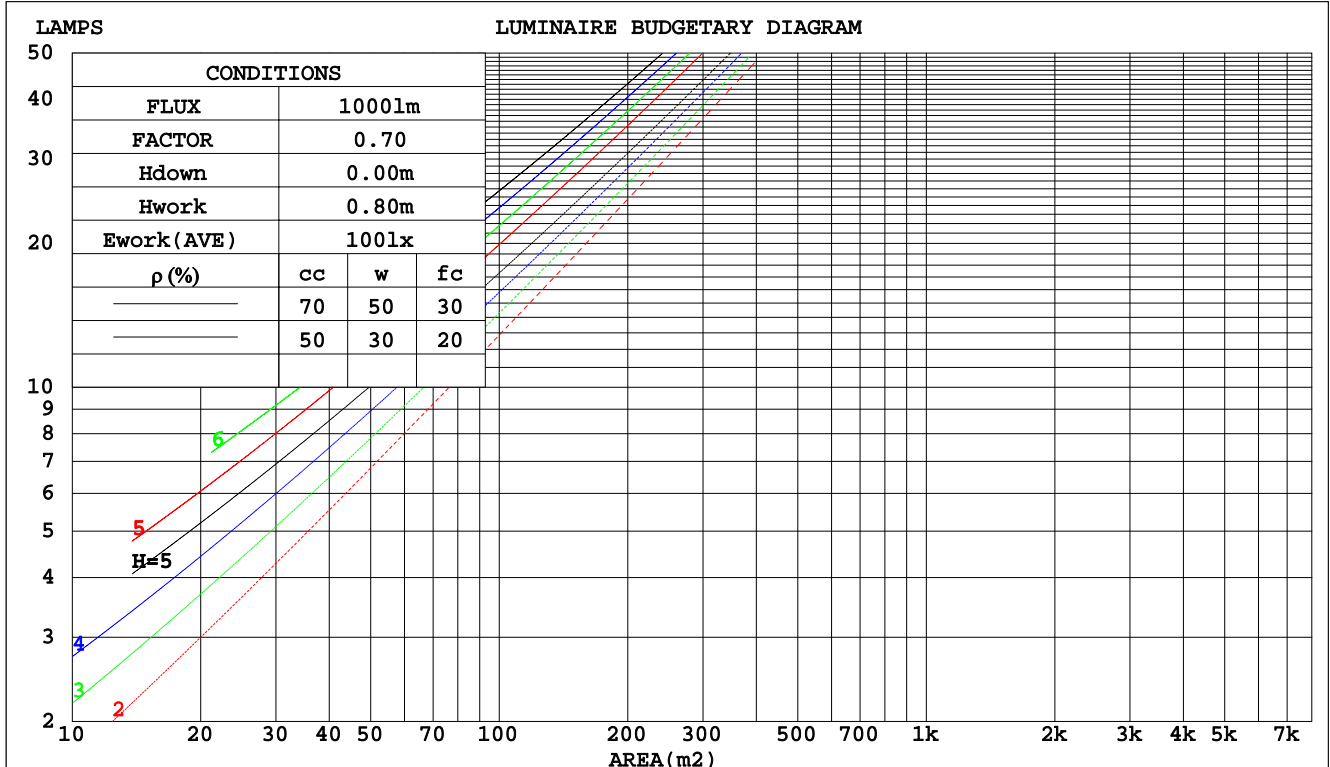
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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	.99	.95	.91	.98	.93	.89	.94	.91	.87	.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	.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	.53	.50	.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	.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: 2024-8-20

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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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	.117	.037	.193	.111	.035	.181	.105	.034	.170	.099	.032	
2.0	.205	.113	.035	.200	.110	.034	.189	.105	.033	.179	.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	.148	.075	.022	.143	.073	.021	.138	.072	.021	
8.0	.149	.073	.021	.147	.072	.020	.141	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.065	.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	.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	.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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm											
NAME: AOK HBE						TYPE:			WEIGHT:		
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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	26.3	25.4	26.5	26.6	25.5	26.6	25.7	26.8	27.0	
	3H	25.4	26.5	25.7	26.7	26.9	25.8	26.8	26.0	27.0	27.2
	4H	25.5	26.5	25.8	26.7	26.9	25.8	26.8	26.1	27.0	27.3
	6H	25.4	26.4	25.7	26.6	26.9	25.8	26.7	26.1	27.0	27.2
	8H	25.4	26.3	25.7	26.6	26.8	25.8	26.6	26.1	26.9	27.2
12H	25.4	26.2	25.7	26.5	26.8	25.7	26.6	26.0	26.8	27.1	
4H	2H	25.2	26.2	25.5	26.5	26.7	25.6	26.5	25.8	26.8	27.0
	3H	25.6	26.5	26.0	26.8	27.0	25.9	26.8	26.3	27.1	27.3
	4H	25.7	26.5	26.1	26.8	27.1	26.0	26.8	26.4	27.1	27.4
	6H	25.7	26.4	26.1	26.7	27.1	26.0	26.7	26.4	27.0	27.4
	8H	25.7	26.3	26.1	26.7	27.0	26.0	26.6	26.4	27.0	27.3
12H	25.6	26.2	26.0	26.6	27.0	25.9	26.5	26.4	26.9	27.3	
8H	4H	25.7	26.3	26.1	26.6	27.0	26.0	26.6	26.4	26.9	27.3
	6H	25.7	26.2	26.1	26.6	27.0	26.0	26.5	26.4	26.9	27.3
	8H	25.7	26.1	26.1	26.5	27.0	26.0	26.4	26.4	26.8	27.3
	12H	25.6	26.0	26.1	26.4	26.9	25.9	26.3	26.4	26.8	27.2
	12H	4H	25.6	26.2	26.0	26.6	27.0	25.9	26.5	26.3	26.9
6H	25.6	26.1	26.1	26.5	27.0	25.9	26.4	26.4	26.8	27.3	
8H	25.6	26.0	26.1	26.5	26.9	25.9	26.3	26.4	26.8	27.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.1 / - 1.6					+ 1.1 / - 1.6					
1.5H	+ 1.5 / - 1.0					+ 1.6 / - 1.0					
2.0H	+ 1.8 / - 1.7					+ 2.0 / - 1.9					

CIE Pub.117, 25156 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.2$)

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:

UTILIZATION FACTORS TABLE

Test:U:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

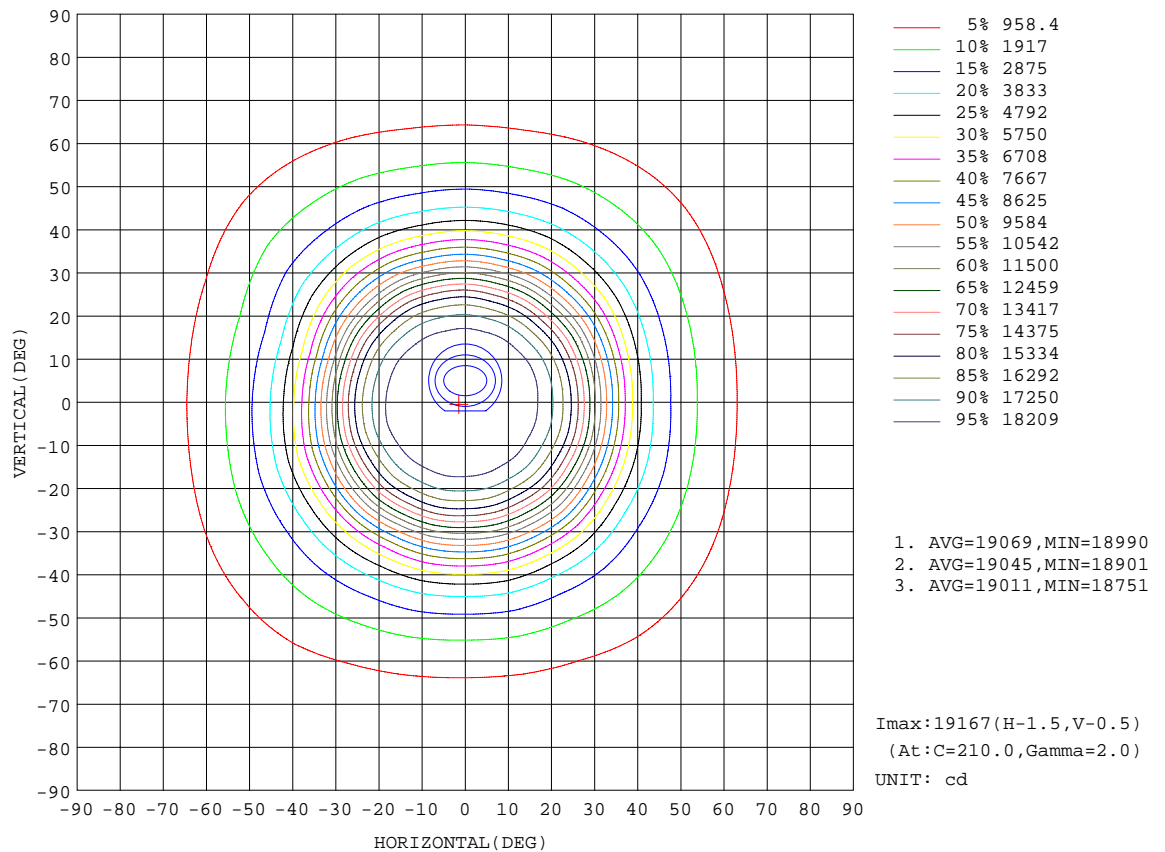
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	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	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:2024-8-20

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:

ISOCANDELA DIAGRAM

Test:U:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

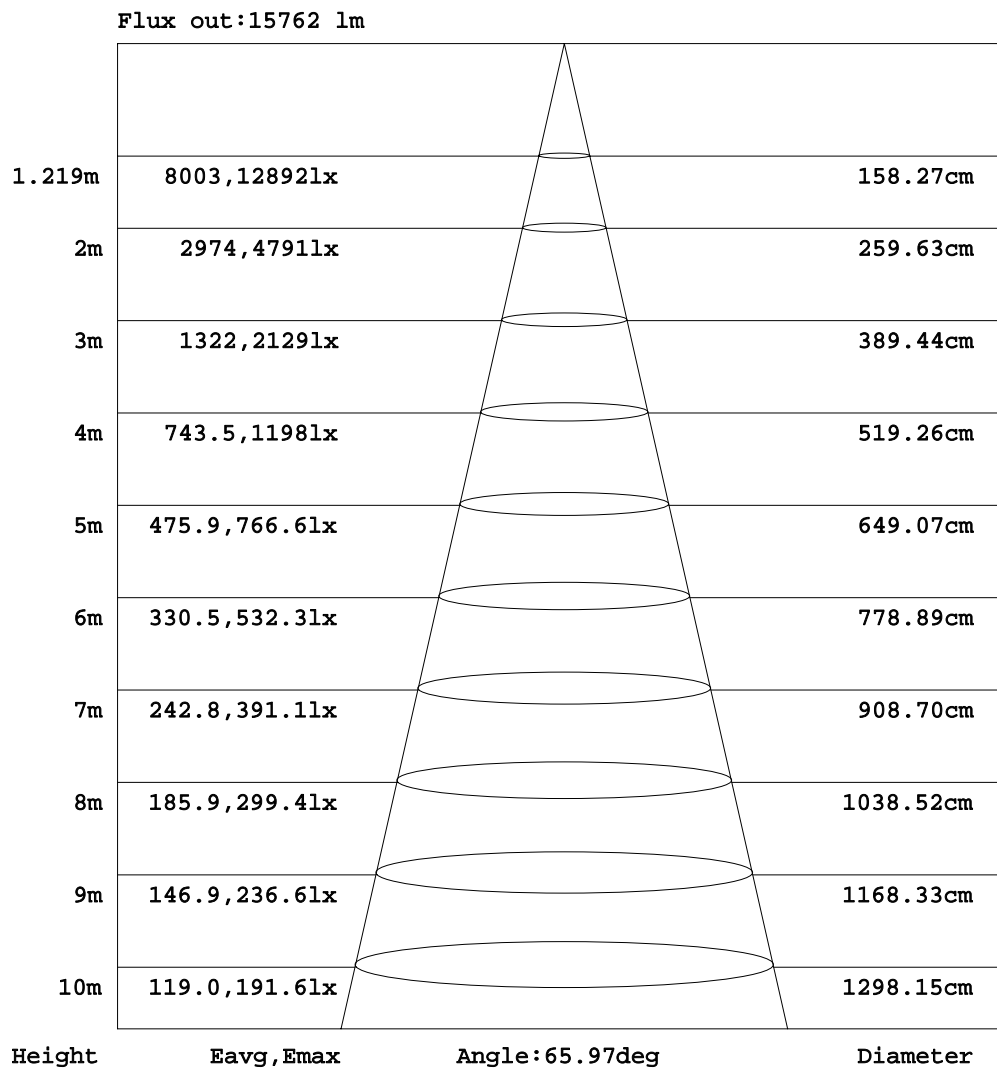


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-20

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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



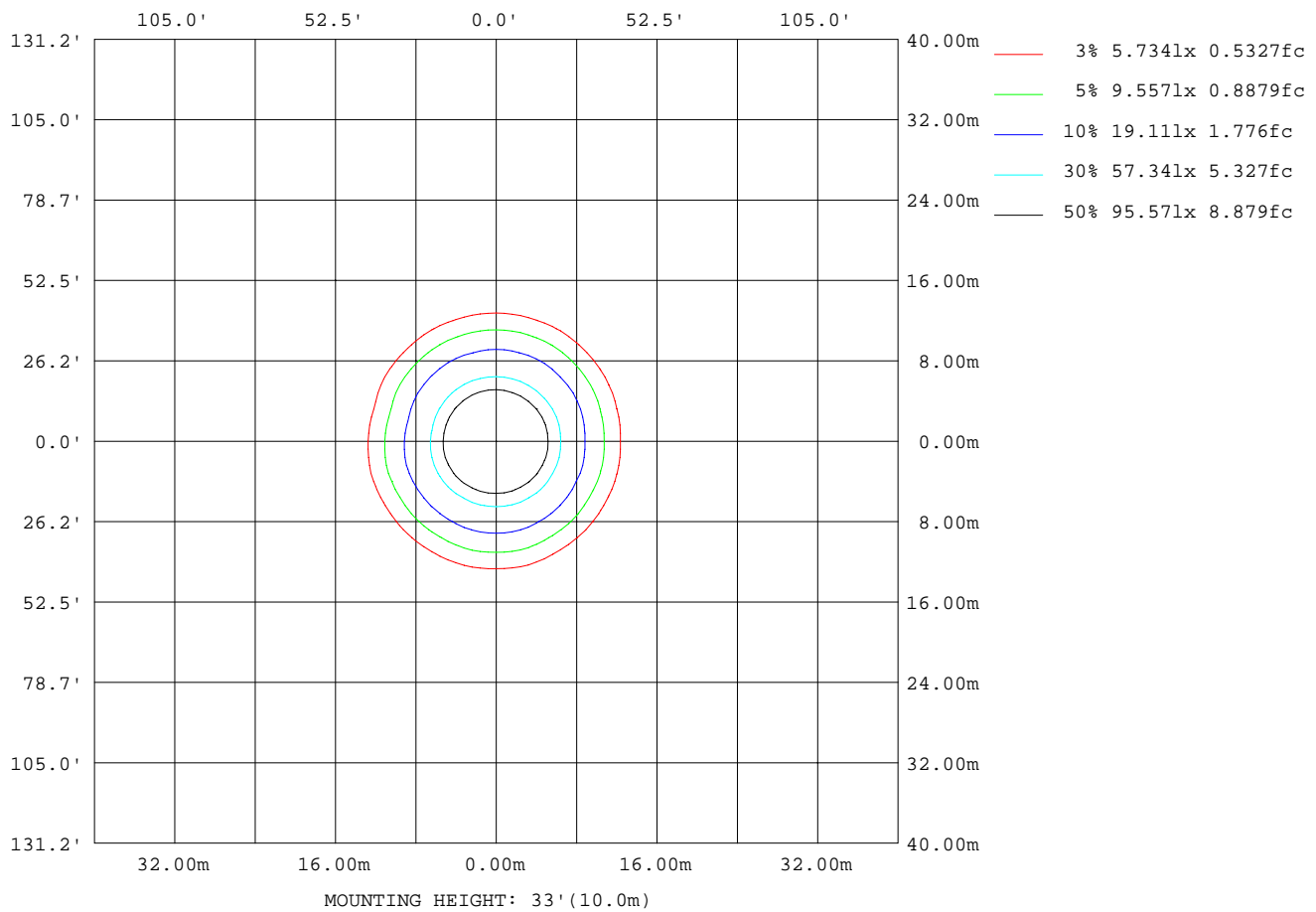
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

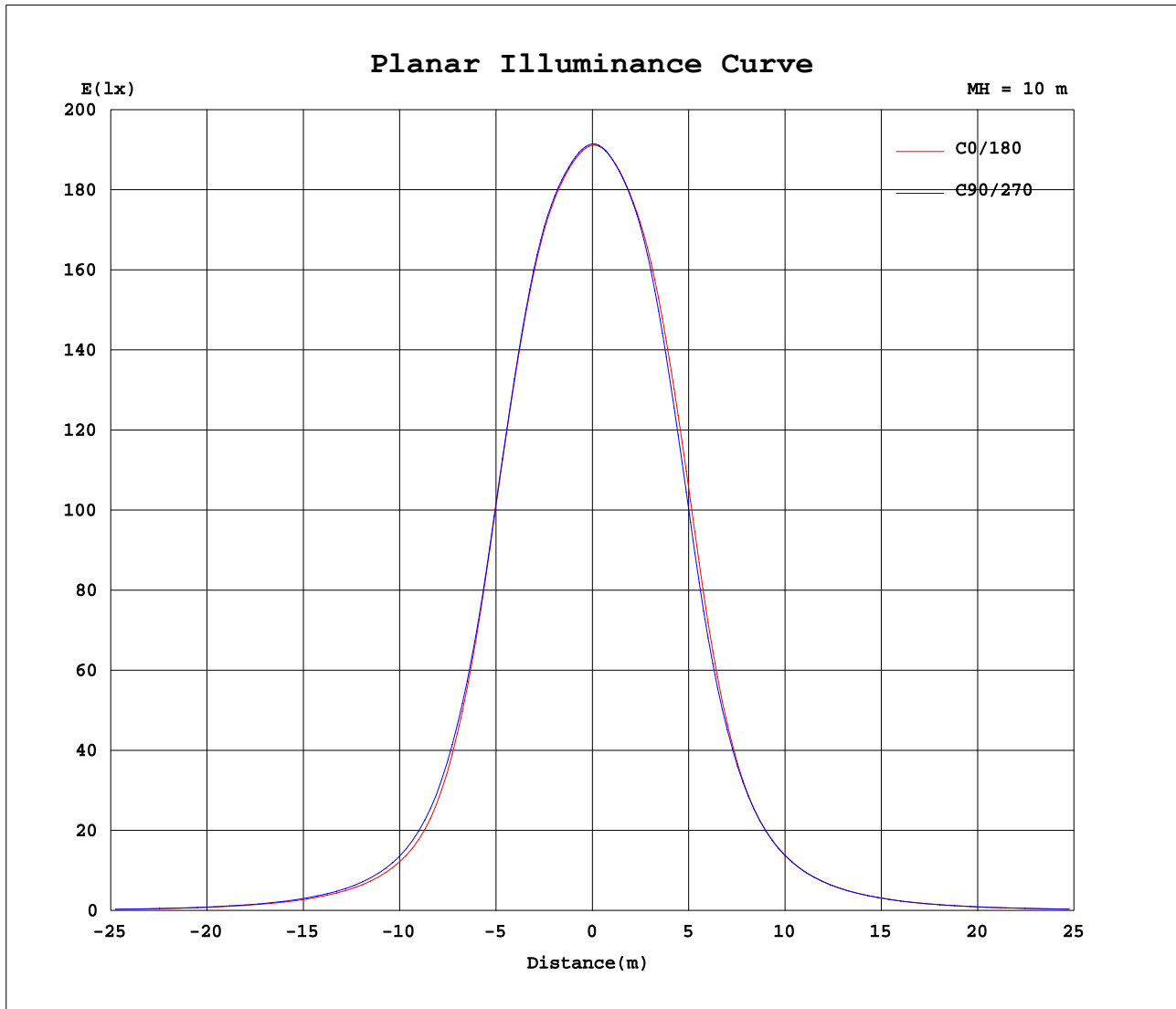
AvgL	cd/m2
L_0~180 (65) av	37723
L_0~180 (75) av	21304
L_0~180 (85) av	7009
L_90~270 (65) av	38479
L_90~270 (75) av	21408
L_90~270 (85) av	7403
L_45 (65) av	38572
L_45 (75) av	20731
L_45 (85) av	6987

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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914	1914
5	1901	1901	1900	1901	1901	1902	1903	1905	1905	1907	1909	1910	1911	1911	1911	1909	1910	1908	1908
10	1887	1886	1886	1887	1888	1889	1890	1892	1893	1895	1898	1900	1900	1899	1898	1896	1895	1893	1894
15	1852	1853	1851	1854	1853	1857	1858	1863	1864	1869	1872	1877	1876	1873	1873	1866	1864	1857	1859
20	1738	1744	1738	1745	1738	1745	1744	1756	1759	1772	1775	1786	1783	1776	1774	1758	1752	1738	1737
25	1512	1524	1516	1524	1511	1519	1516	1536	1542	1567	1567	1579	1572	1556	1554	1532	1529	1504	1501
30	1164	1178	1175	1192	1180	1187	1177	1196	1201	1235	1236	1240	1222	1198	1203	1184	1185	1156	1152
35	807	816	827	849	843	851	845	852	846	873	882	882	849	828	849	850	847	819	821
40	514	527	532	555	556	576	569	577	566	573	582	596	564	547	572	582	575	560	564
45	345	358	355	368	371	387	385	391	384	389	391	404	390	371	393	391	396	387	389
50	245	253	252	260	260	274	271	277	272	276	276	286	277	263	282	277	281	274	277
55	177	180	182	186	186	195	194	197	197	199	198	203	200	190	203	201	202	198	199
60	123	125	126	129	128	134	133	136	135	139	137	142	140	133	141	140	141	137	137
65	81.0	81.9	81.6	84.2	82.4	86.2	86.6	88.2	87.6	91.9	90.0	92.6	92.2	88.3	92.3	92.3	92.0	89.2	90.1
70	49.6	49.7	48.9	51.8	48.9	51.9	52.6	53.4	52.5	57.0	55.1	57.3	57.7	55.2	57.0	57.4	56.5	54.5	55.4
75	27.1	26.4	23.2	27.5	23.1	28.2	28.8	29.1	25.4	31.5	27.7	31.8	32.8	31.4	30.3	30.9	30.0	30.6	31.4
80	11.8	10.5	10.2	12.2	9.98	11.0	13.3	11.9	11.3	15.2	13.0	13.7	15.6	14.1	12.9	15.4	13.5	14.7	15.8
85	2.40	1.88	2.14	2.38	2.26	1.88	2.97	2.18	2.93	3.58	3.39	3.21	4.23	2.89	3.81	4.25	4.04	2.91	4.04
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:219.2V I:0.7058A P:152.4W PF:0.9852 Freq:50.01Hz Lamp Flux:25156.3x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-150WHBE-NV-L2-00-3080-60D-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	1914	1914	1914	1914	1914														
5	1907	1908	1906	1905	1904														
10	1894	1895	1895	1894	1891														
15	1856	1858	1856	1859	1856														
20	1726	1731	1728	1739	1739														
25	1478	1486	1482	1503	1506														
30	1132	1143	1137	1162	1162														
35	808	816	809	823	815														
40	559	562	551	550	529														
45	385	386	375	369	354														
50	272	273	265	261	252														
55	194	195	190	188	180														
60	134	134	131	130	126														
65	86.7	87.0	85.8	84.7	81.9														
70	52.5	52.8	52.6	51.1	50.0														
75	29.3	27.2	26.6	25.7	27.0														
80	13.3	12.3	13.5	11.3	10.5														
85	2.50	3.27	3.02	2.76	1.78														
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
 γ Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks: