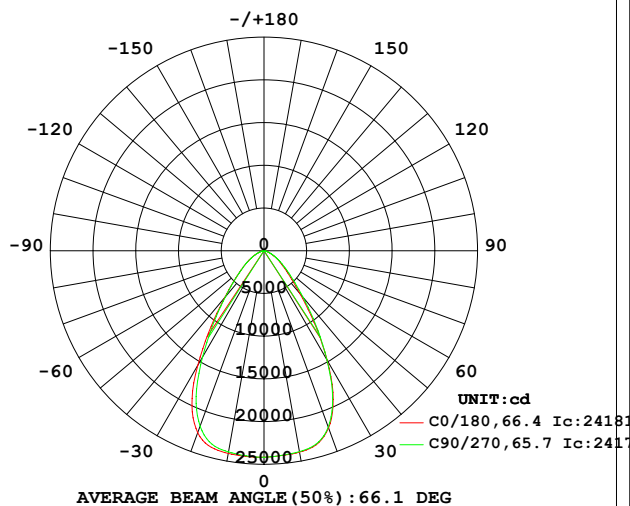


LUMINAIRE PHOTOMETRIC TEST REPORT

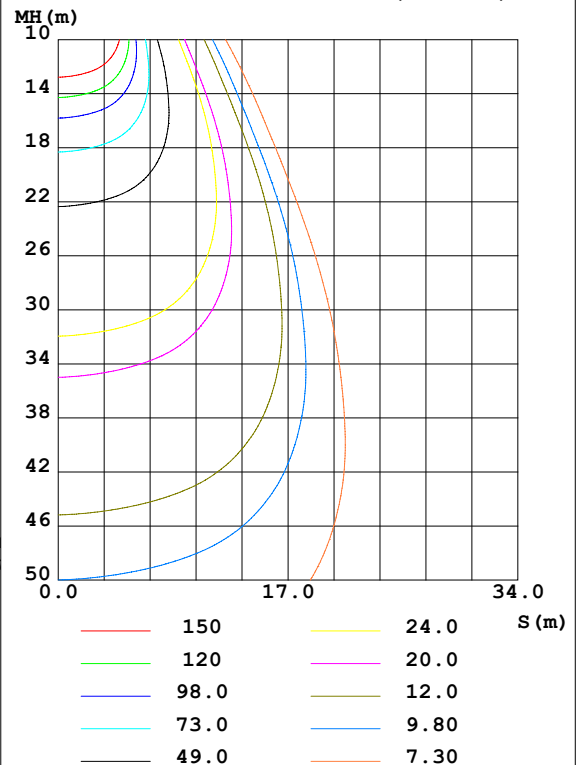
Test:U:219.2V I:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.97 lm/W			
MODEL	2835	I _{max} (cd)	24185	S/MH (C0/180)	0.99
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	0.97
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	31652	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX (lm)	31652	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	2394	2387	2388	2391	2409	2397	2391	2391	0- 10	2293	2293	7.25,7.25
20	2209	2205	2197	2230	2267	2222	2186	2169	10- 20	6590	8884	28.1,28.1
30	1477	1498	1474	1540	1554	1487	1440	1416	20- 30	8654	17538	55.4,55.4
40	653.9	696.7	712.2	715.6	714.3	731.4	704.1	687.4	30- 40	6580	24118	76.2,76.2
50	311.9	327.0	340.5	345.1	349.7	348.8	346.7	331.7	40- 50	3769	27887	88.1,88.1
60	157.1	162.8	168.1	174.9	177.5	176.4	172.7	164.6	50- 60	2195	30083	95,95
70	63.14	65.51	66.41	72.03	73.28	72.60	69.61	66.30	60- 70	1114	31197	98.6,98.6
80	15.27	15.60	16.98	19.47	19.71	19.40	20.04	17.41	70- 80	399.4	31596	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	55.95	31652	100,100
100	0	0	0	0	0	0	0	0	90-100	0	31652	100,100
110	0	0	0	0	0	0	0	0	100-110	0	31652	100,100
120	0	0	0	0	0	0	0	0	110-120	0	31652	100,100
130	0	0	0	0	0	0	0	0	120-130	0	31652	100,100
140	0	0	0	0	0	0	0	0	130-140	0	31652	100,100
150	0	0	0	0	0	0	0	0	140-150	0	31652	100,100
160	0	0	0	0	0	0	0	0	150-160	0	31652	100,100
170	0	0	0	0	0	0	0	0	160-170	0	31652	100,100
180	0	0	0	0	0	0	0	0	170-180	0	31652	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 26263 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 30083 lm

%lum = 95.0%

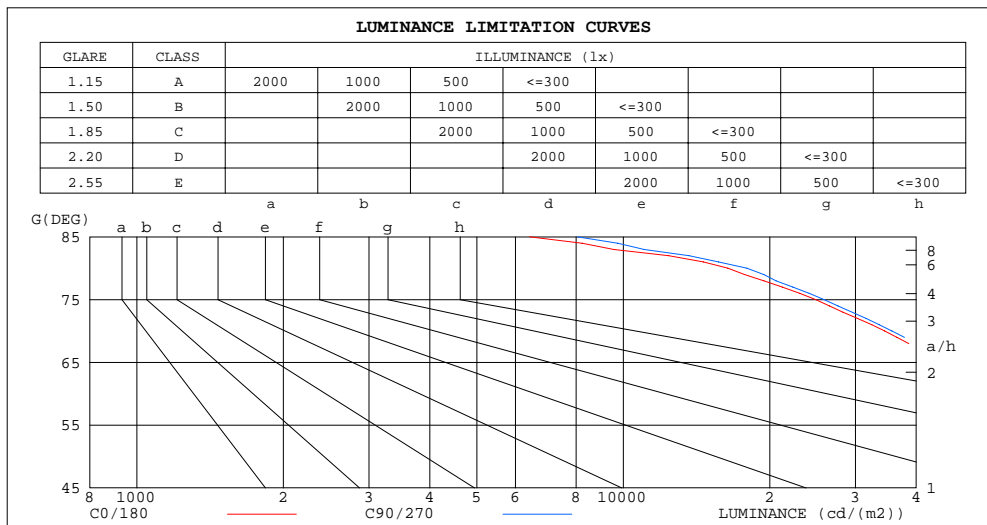
%lamp = 95.0%

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6413	8043
80	16403	17953
75	24847	25851
70	34435	35647
65	45501	47637
60	58604	61728
55	73301	77983
50	90499	97252
45	115958	125223

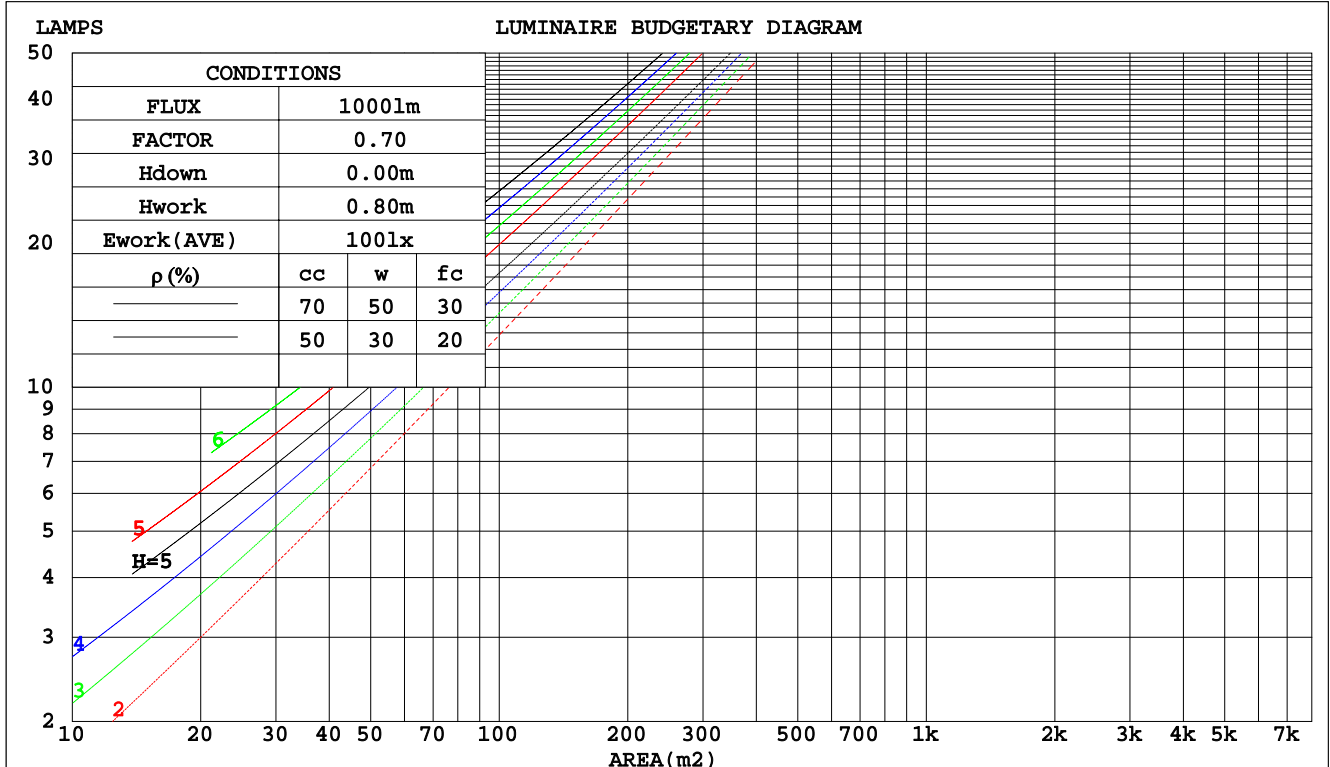
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-20

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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	.020	.147	.072	.020	.141	.071	.020	.137	.069	.020	.132	.068	.020		
9.0	.142	.069	.019	.139	.068	.019	.135	.067	.019	.131	.065	.019	.126	.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	.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:2024-8-20

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm												
NAME: AOK HBE					TYPE:			WEIGHT:				
SPEC.:AOK-200WHBE-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	26.0	27.2	26.3	27.4	27.5	26.3	27.4	26.5	27.6	27.8		
	3H	26.3	27.4	26.6	27.6	27.8	26.6	27.6	26.8	27.8	28.0	
	4H	26.4	27.4	26.7	27.6	27.8	26.6	27.6	26.9	27.8	28.1	
	6H	26.4	27.3	26.7	27.5	27.8	26.6	27.5	26.9	27.8	28.0	
	8H	26.3	27.2	26.6	27.5	27.7	26.6	27.4	26.9	27.7	28.0	
	12H	26.3	27.1	26.6	27.4	27.7	26.5	27.4	26.8	27.6	27.9	
	4H	2H	26.2	27.1	26.4	27.4	27.6	26.4	27.3	26.6	27.6	27.8
		3H	26.5	27.4	26.9	27.7	27.9	26.7	27.6	27.1	27.9	28.1
		4H	26.6	27.4	27.0	27.7	28.0	26.8	27.6	27.2	27.9	28.2
		6H	26.6	27.3	27.0	27.6	28.0	26.8	27.5	27.2	27.8	28.2
		8H	26.6	27.2	27.0	27.6	27.9	26.8	27.4	27.2	27.8	28.2
		12H	26.5	27.1	27.0	27.5	27.9	26.8	27.3	27.2	27.7	28.1
	8H	4H	26.6	27.2	27.0	27.6	27.9	26.8	27.4	27.2	27.7	28.1
		6H	26.6	27.1	27.0	27.5	27.9	26.8	27.3	27.2	27.7	28.1
		8H	26.6	27.0	27.0	27.4	27.9	26.8	27.2	27.2	27.6	28.1
		12H	26.5	26.9	27.0	27.4	27.8	26.7	27.1	27.2	27.6	28.0
	12H	4H	26.5	27.1	26.9	27.5	27.9	26.7	27.3	27.1	27.7	28.1
		6H	26.6	27.0	27.0	27.4	27.9	26.7	27.2	27.2	27.6	28.1
		8H	26.5	26.9	27.0	27.4	27.8	26.7	27.1	27.2	27.6	28.0
Variations with the observer position at spacings:												
S = 1.0H	+ 1.1 / - 1.6					+ 1.1 / - 1.6						
1.5H	+ 1.6 / - 1.0					+ 1.5 / - 1.0						
2.0H	+ 1.9 / - 1.6					+ 2.0 / - 1.8						

CIE Pub.117, 31652 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 12.0$)

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

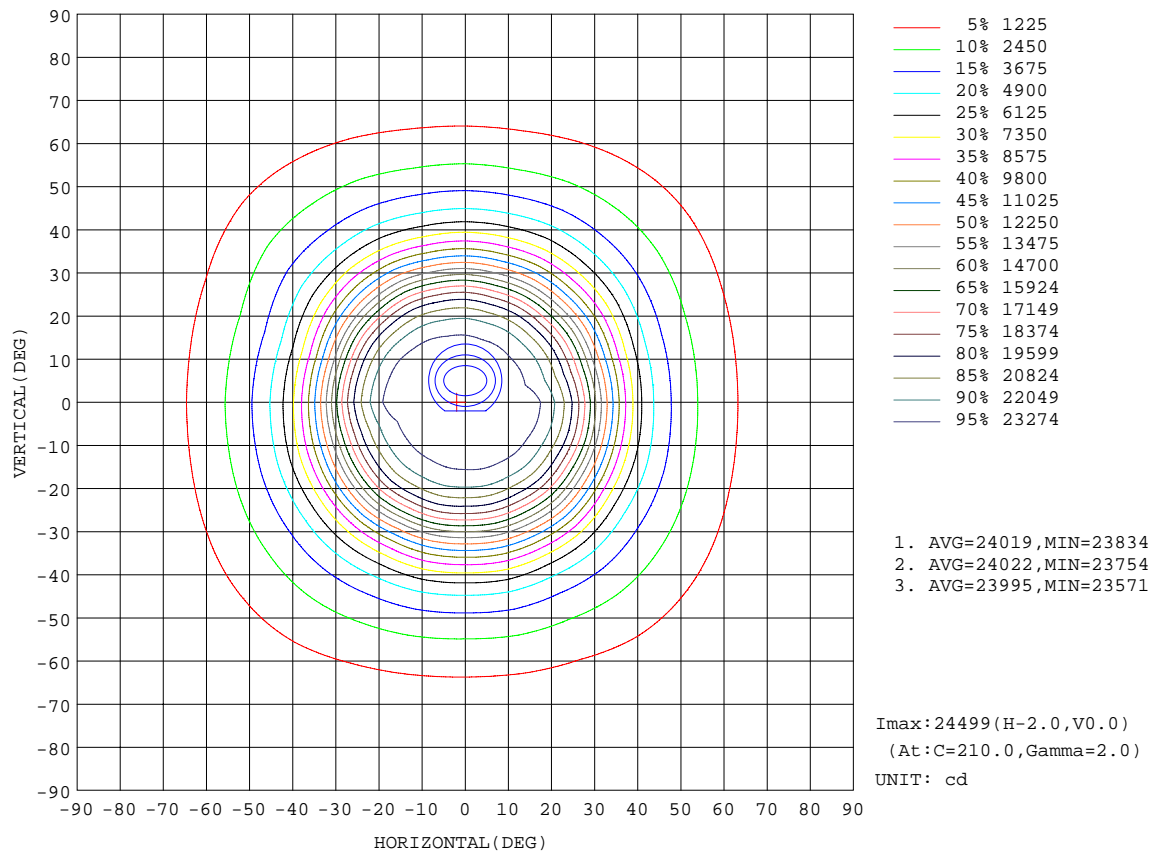
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	68	63	76	68	63	75	68	63	58
0.80	85	77	72	85	77	72	83	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
 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:219.2V I:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

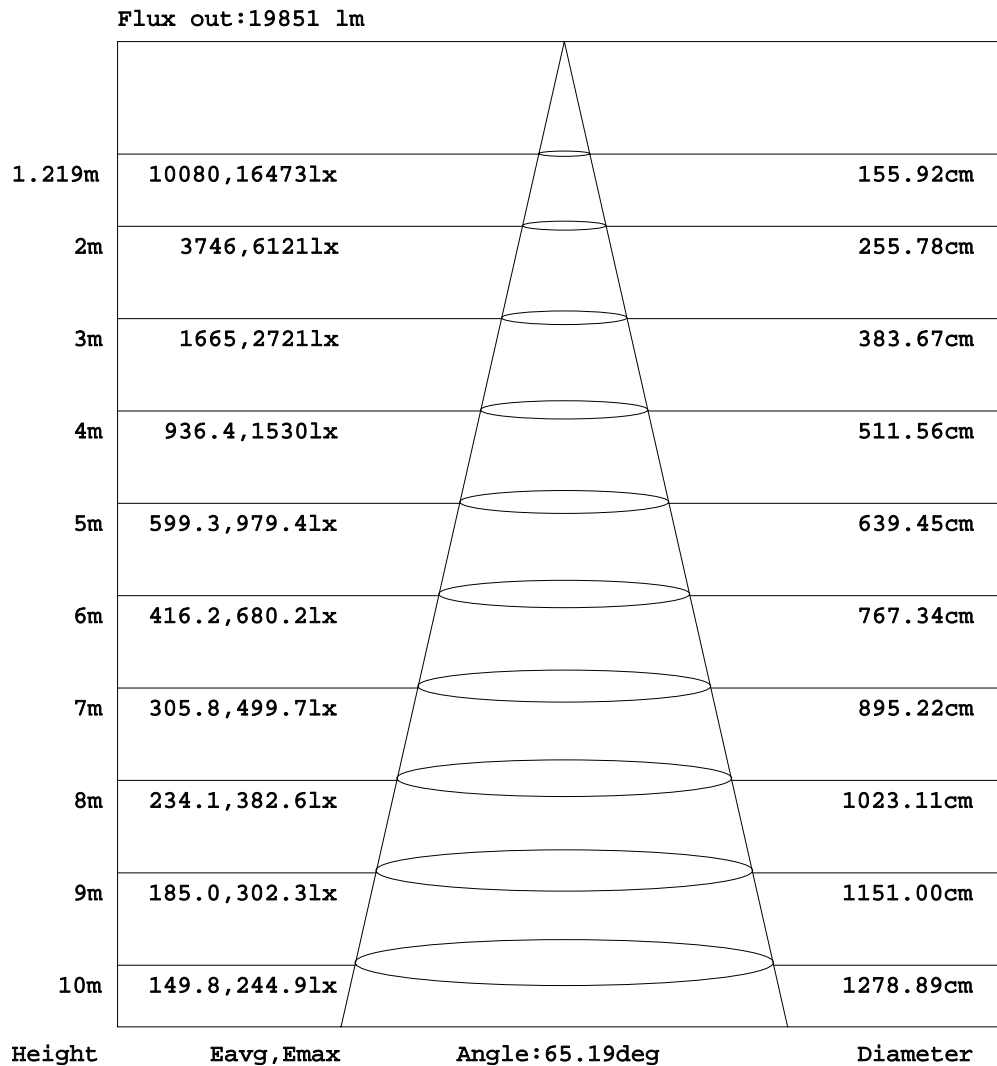


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-20

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



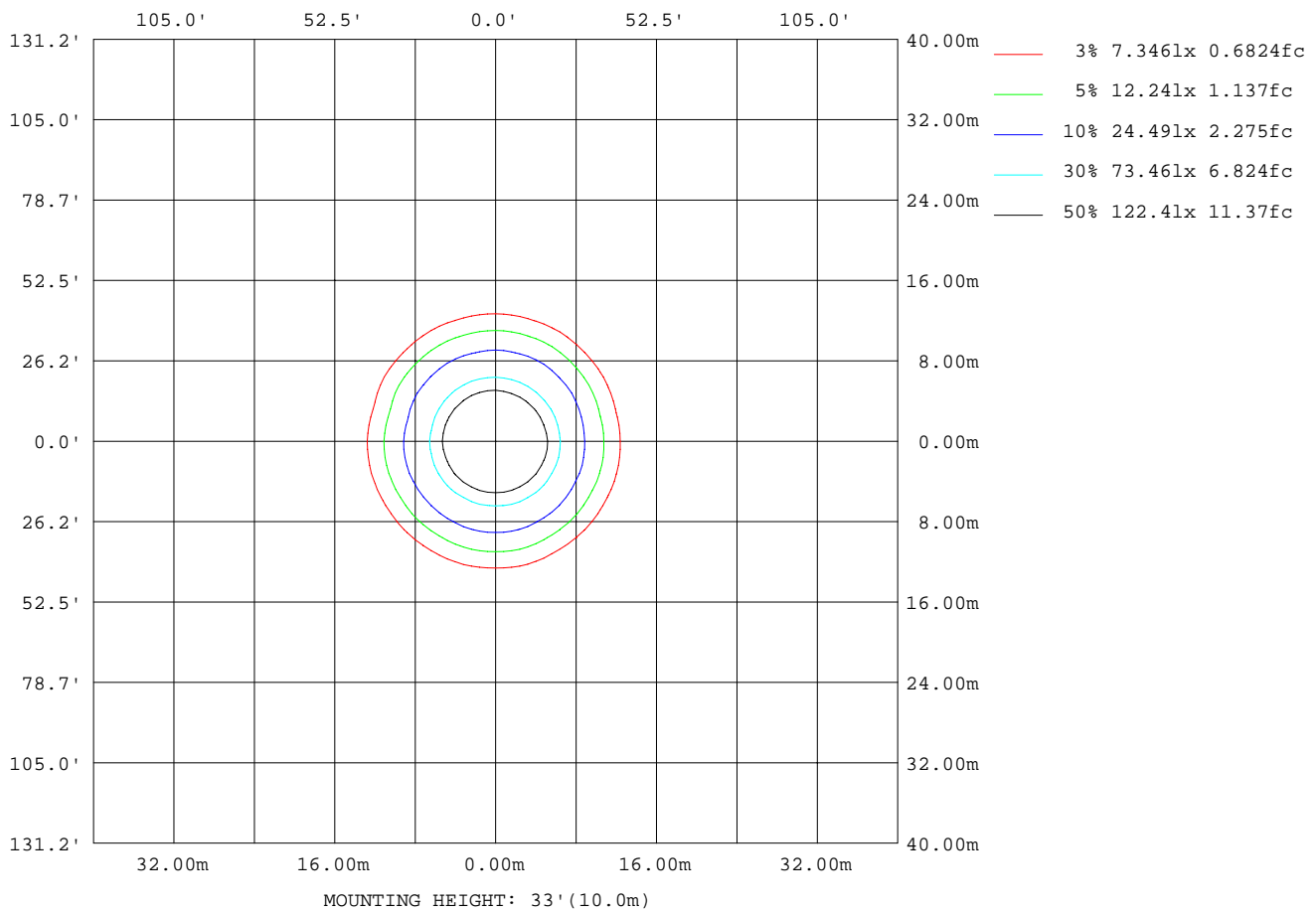
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

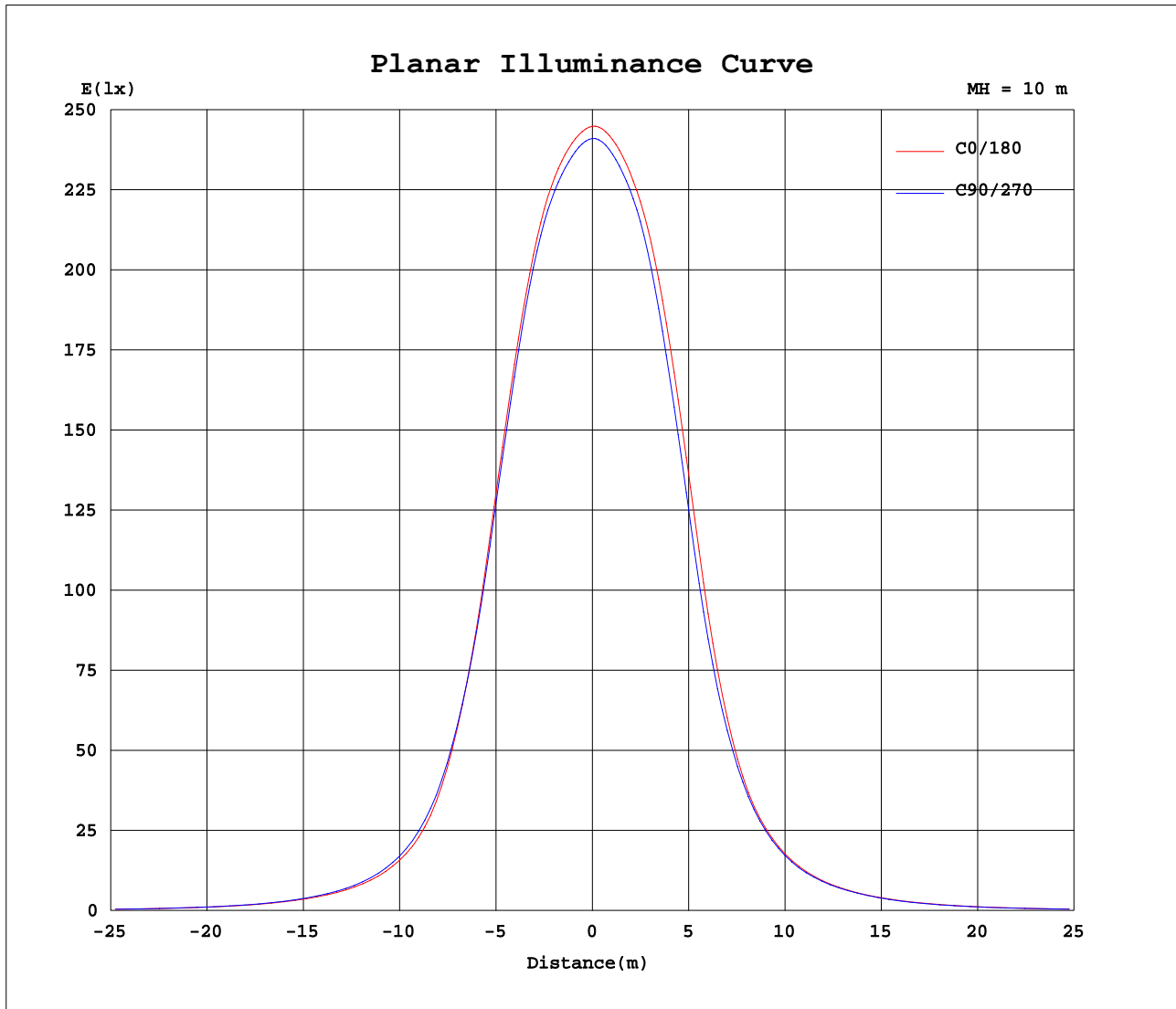
AvgL	cd/m2
L_0~180 (65) av	47922
L_0~180 (75) av	27034
L_0~180 (85) av	8721
L_90~270 (65) av	48486
L_90~270 (75) av	27020
L_90~270 (85) av	9509
L_45 (65) av	48614
L_45 (75) av	26131
L_45 (85) av	8957

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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-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	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417	2417
5	2406	2404	2402	2401	2402	2405	2404	2405	2405	2408	2409	2411	2416	2415	2415	2413	2412	2410	2410
10	2394	2390	2387	2387	2387	2389	2388	2388	2389	2391	2394	2397	2409	2405	2402	2397	2395	2393	2391
15	2352	2350	2344	2346	2343	2348	2345	2350	2351	2356	2359	2366	2383	2376	2372	2361	2356	2347	2345
20	2209	2211	2199	2205	2195	2203	2197	2212	2213	2230	2232	2246	2267	2253	2246	2222	2211	2192	2186
25	1918	1928	1913	1921	1903	1913	1903	1928	1932	1963	1961	1978	1998	1970	1963	1930	1922	1890	1882
30	1477	1489	1479	1498	1483	1491	1474	1496	1499	1540	1539	1549	1554	1512	1513	1487	1486	1447	1440
35	1024	1033	1041	1066	1057	1068	1056	1066	1056	1088	1097	1098	1080	1045	1068	1067	1061	1025	1026
40	654	669	670	697	698	722	712	722	707	716	725	743	714	690	722	731	720	701	704
45	440	453	448	464	465	487	482	490	481	488	489	505	493	469	496	492	497	485	488
50	312	320	319	327	327	343	341	346	342	345	346	356	350	332	355	349	352	344	347
55	225	229	230	235	234	245	244	248	247	250	248	255	253	240	257	253	254	248	251
60	157	159	159	163	161	169	168	172	170	175	172	178	177	168	178	176	177	172	173
65	103	104	103	106	104	109	110	111	111	115	114	116	117	112	117	117	116	113	113
70	63.1	62.9	61.9	65.5	61.9	65.5	66.4	67.4	66.3	72.0	69.6	72.2	73.3	69.7	72.0	72.6	71.5	68.8	69.6
75	34.5	33.5	29.5	34.4	29.3	35.4	36.4	36.8	32.3	39.8	35.0	40.2	41.5	39.5	38.5	39.1	37.8	38.4	39.5
80	15.3	13.2	13.0	15.6	12.3	14.0	17.0	15.2	15.2	19.5	16.6	17.5	19.7	17.9	16.2	19.4	17.1	18.6	20.0
85	3.00	2.40	2.76	3.05	2.91	2.42	3.82	2.79	3.76	4.61	4.32	4.11	5.26	3.66	4.79	5.40	5.13	3.70	5.19
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:0.9294A P:201.6W PF:0.9897 Freq:50.01Hz Lamp Flux:31652x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-60D-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	2417	2417	2417	2417	2417														
5	2408	2408	2406	2404	2402														
10	2391	2392	2391	2388	2385														
15	2339	2342	2338	2339	2337														
20	2169	2174	2169	2181	2183														
25	1850	1859	1850	1876	1883														
30	1411	1423	1416	1443	1447														
35	1007	1018	1008	1022	1014														
40	698	701	687	685	660														
45	481	483	469	461	443														
50	340	341	332	326	315														
55	244	245	239	235	226														
60	168	169	165	163	158														
65	110	109	108	106	103														
70	66.1	66.3	66.3	64.3	62.8														
75	36.9	34.2	33.6	32.6	34.1														
80	17.0	15.8	17.4	14.6	13.9														
85	3.19	4.26	3.91	3.53	2.27														
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: