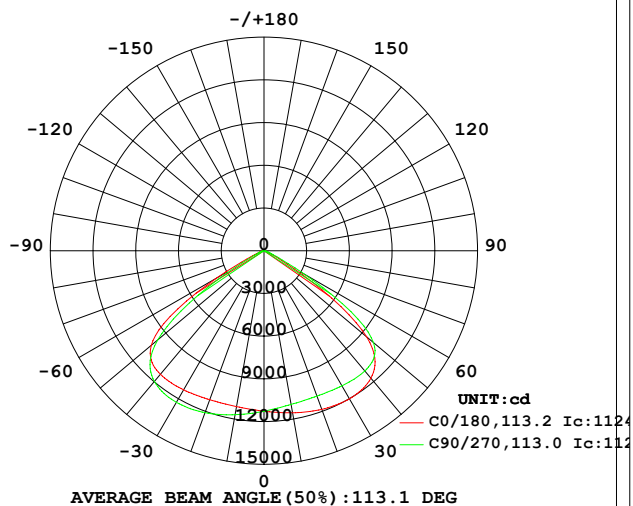


LUMINAIRE PHOTOMETRIC TEST REPORT

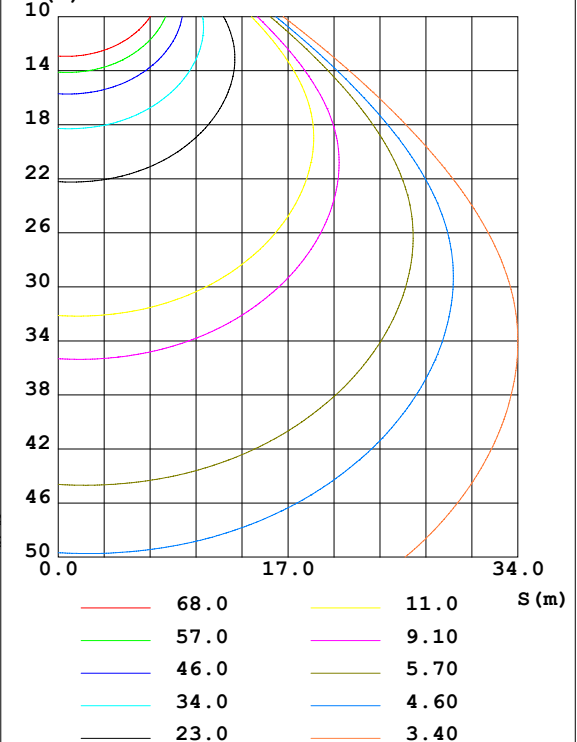
Test:U:219.2V I:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.71 lm/W			
MODEL	2835	I _{max} (cd)	12347	S/MH (C0/180)	1.55
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.63
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	32716	η UP,DN (C0-180)	0.0,49.6
NOMINAL FLUX (lm)	32716.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.75

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	1155	1124	1096	1090	1111	1144	1169	1173	0- 10	1079	1079	3.3,3.3
20	1185	1135	1087	1075	1113	1171	1210	1215	10- 20	3236	4314	13.2,13.2
30	1201	1150	1096	1082	1129	1192	1229	1230	20- 30	5359	9673	29.6,29.6
40	1169	1140	1102	1093	1132	1181	1198	1188	30- 40	7295	16968	51.9,51.9
50	940.2	984.0	1003	1031	1033	1018	974.3	930.9	40- 50	8474	25442	77.8,77.8
60	187.5	269.1	319.6	399.2	385.4	303.4	231.6	189.2	50- 60	5964	31406	96.96
70	29.38	34.16	40.41	48.48	44.14	37.36	33.52	30.76	60- 70	1054	32460	99.2,99.2
80	6.960	7.870	10.76	12.20	12.68	9.892	9.504	6.998	70- 80	224.3	32684	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	32.27	32716	100,100
100	0	0	0	0	0	0	0	0	90-100	0	32716	100,100
110	0	0	0	0	0	0	0	0	100-110	0	32716	100,100
120	0	0	0	0	0	0	0	0	110-120	0	32716	100,100
130	0	0	0	0	0	0	0	0	120-130	0	32716	100,100
140	0	0	0	0	0	0	0	0	130-140	0	32716	100,100
150	0	0	0	0	0	0	0	0	140-150	0	32716	100,100
160	0	0	0	0	0	0	0	0	150-160	0	32716	100,100
170	0	0	0	0	0	0	0	0	160-170	0	32716	100,100
180	0	0	0	0	0	0	0	0	170-180	0	32716	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 21164 lm

%lum = 64.7%

%lamp = 64.7%

Conical surface Flux(120deg): 31406 lm

%lum = 96.0%

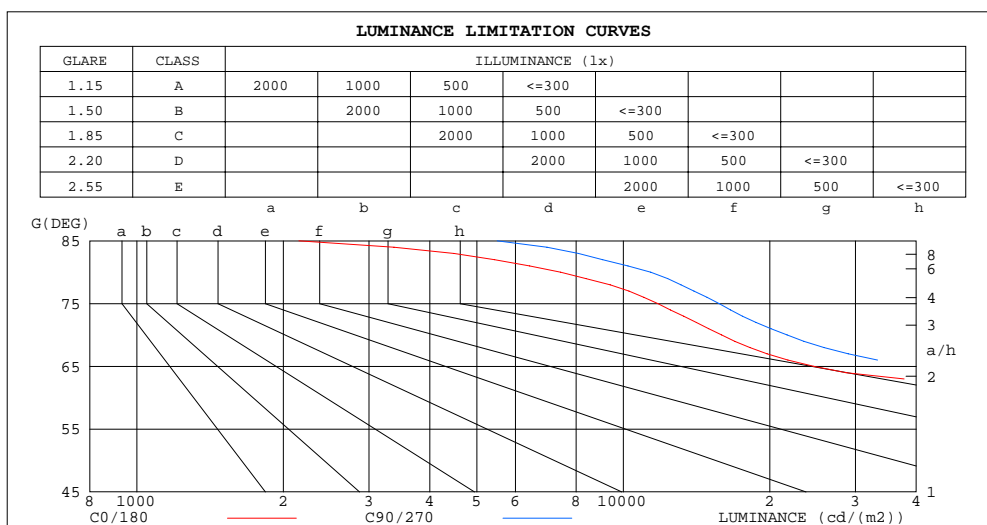
%lamp = 96.0%

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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



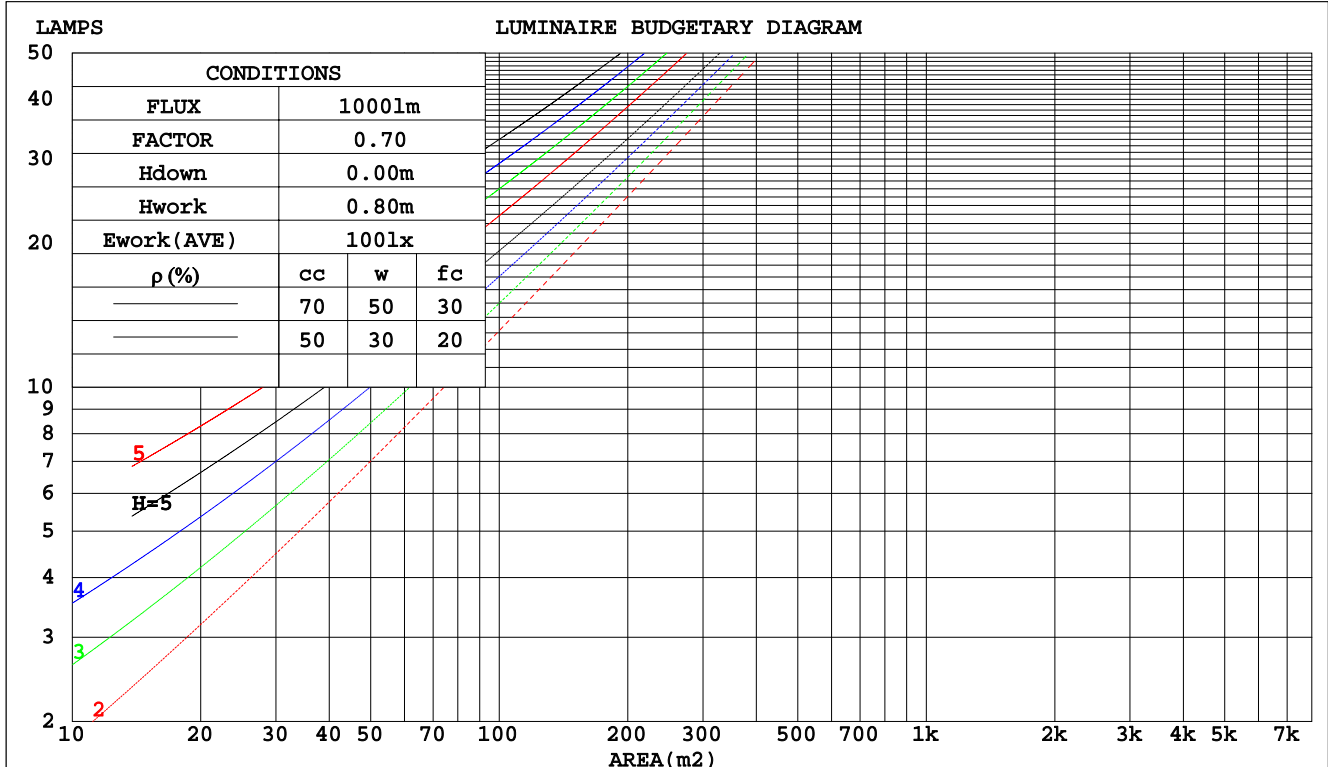
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.99	.96	.97	.95	.93	.94	.92	.91	.89
2.0	.96	.90	.85	.94	.89	.84	.91	.86	.82	.87	.84	.81	.84	.82	.79	.77
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.69	.67
4.0	.76	.68	.62	.75	.68	.62	.73	.66	.61	.70	.65	.60	.68	.64	.60	.58
5.0	.68	.60	.54	.67	.60	.54	.65	.58	.53	.63	.57	.53	.62	.56	.52	.50
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.47	.42	.55	.47	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.37	.50	.42	.37	.49	.42	.37	.48	.41	.36	.46	.41	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.34	.29	.28



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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm					
NAME: AOK HBE			TYPE:		WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-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	.243	.138	.044	.236	.135	.043	.223	.128	.041	.211	.122	.039	.200	.116	.037	
2.0	.240	.132	.040	.234	.129	.040	.223	.124	.039	.213	.119	.037	.203	.115	.036	
3.0	.231	.123	.037	.226	.121	.036	.216	.117	.036	.207	.114	.035	.199	.110	.034	
4.0	.220	.114	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.191	.104	.032	
5.0	.209	.106	.031	.205	.105	.031	.197	.102	.030	.189	.100	.030	.183	.098	.029	
6.0	.197	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.027	.174	.092	.027	
7.0	.186	.092	.026	.183	.091	.026	.177	.089	.026	.171	.088	.025	.165	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.081	.024	
9.0	.166	.081	.022	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022	
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.072	.021	

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	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.150	.100	.063	.128	.087	.054	.088	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.009	.013	.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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-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	30.9	32.3	31.2	32.5	32.7	31.4	32.8	31.7	33.0	33.2
3H	30.8	32.0	31.1	32.3	32.5	31.3	32.5	31.6	32.8	33.0
4H	30.7	31.9	31.0	32.1	32.4	31.2	32.4	31.5	32.6	32.9
6H	30.6	31.7	30.9	32.0	32.2	31.1	32.2	31.4	32.5	32.7
8H	30.5	31.6	30.9	31.9	32.2	31.0	32.1	31.4	32.4	32.7
12H	30.5	31.5	30.8	31.8	32.1	31.0	32.0	31.3	32.3	32.6
4H 2H	30.9	32.1	31.2	32.3	32.6	31.3	32.5	31.6	32.8	33.0
3H	30.7	31.7	31.1	32.0	32.3	31.2	32.2	31.5	32.5	32.8
4H	30.6	31.6	31.0	31.9	32.2	31.1	32.0	31.5	32.3	32.7
6H	30.5	31.4	30.9	31.7	32.1	31.0	31.8	31.4	32.2	32.5
8H	30.5	31.2	30.9	31.6	32.0	31.0	31.7	31.4	32.1	32.5
12H	30.5	31.1	30.9	31.5	31.9	30.9	31.6	31.4	32.0	32.4
8H 4H	30.5	31.2	30.9	31.6	32.0	31.0	31.7	31.4	32.1	32.5
6H	30.4	31.0	30.9	31.4	31.9	30.9	31.5	31.3	31.9	32.3
8H	30.4	30.9	30.8	31.3	31.8	30.9	31.4	31.3	31.8	32.3
12H	30.4	30.8	30.8	31.2	31.7	30.8	31.3	31.3	31.7	32.2
12H 4H	30.5	31.1	30.9	31.5	31.9	30.9	31.6	31.4	32.0	32.4
6H	30.4	30.9	30.8	31.3	31.8	30.9	31.4	31.3	31.8	32.3
8H	30.4	30.8	30.8	31.2	31.7	30.8	31.3	31.3	31.7	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 1.9					+ 0.5 / - 0.8				
1.5H	+ 1.0 / - 1.9					+ 1.0 / - 2.6				
2.0H	+ 2.8 / - 9.7					+ 2.7 / - 8.6				

CIE Pub.117, 32716 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 12.1$)

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:

UTILIZATION FACTORS TABLE

Test:U:219.2V I:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

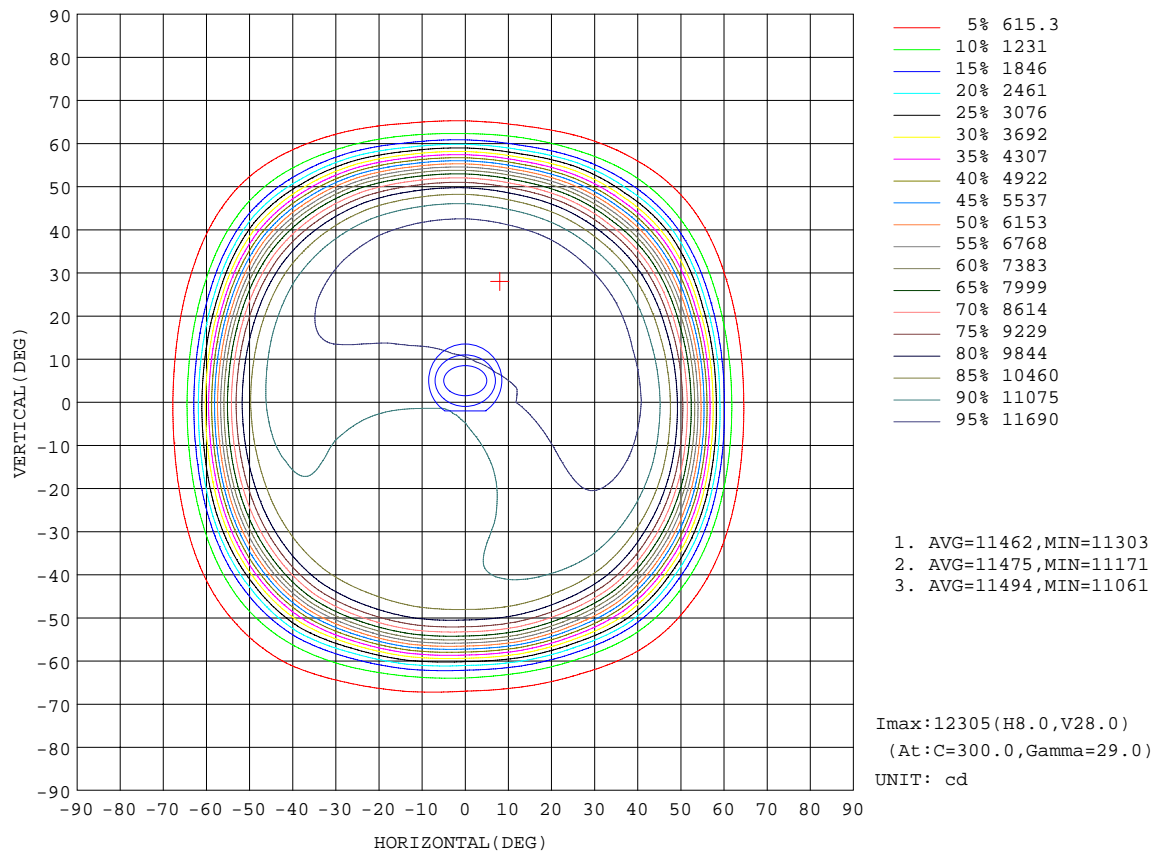
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	49	42	59	48	42	58	48	42	36
0.80	72	61	54	71	60	54	69	60	54	47
1.00	82	72	65	81	71	65	78	72	65	58
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	86	80	92	85	79	90	83	78	72
2.00	100	93	88	99	92	88	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	104	101	107	103	99	103	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

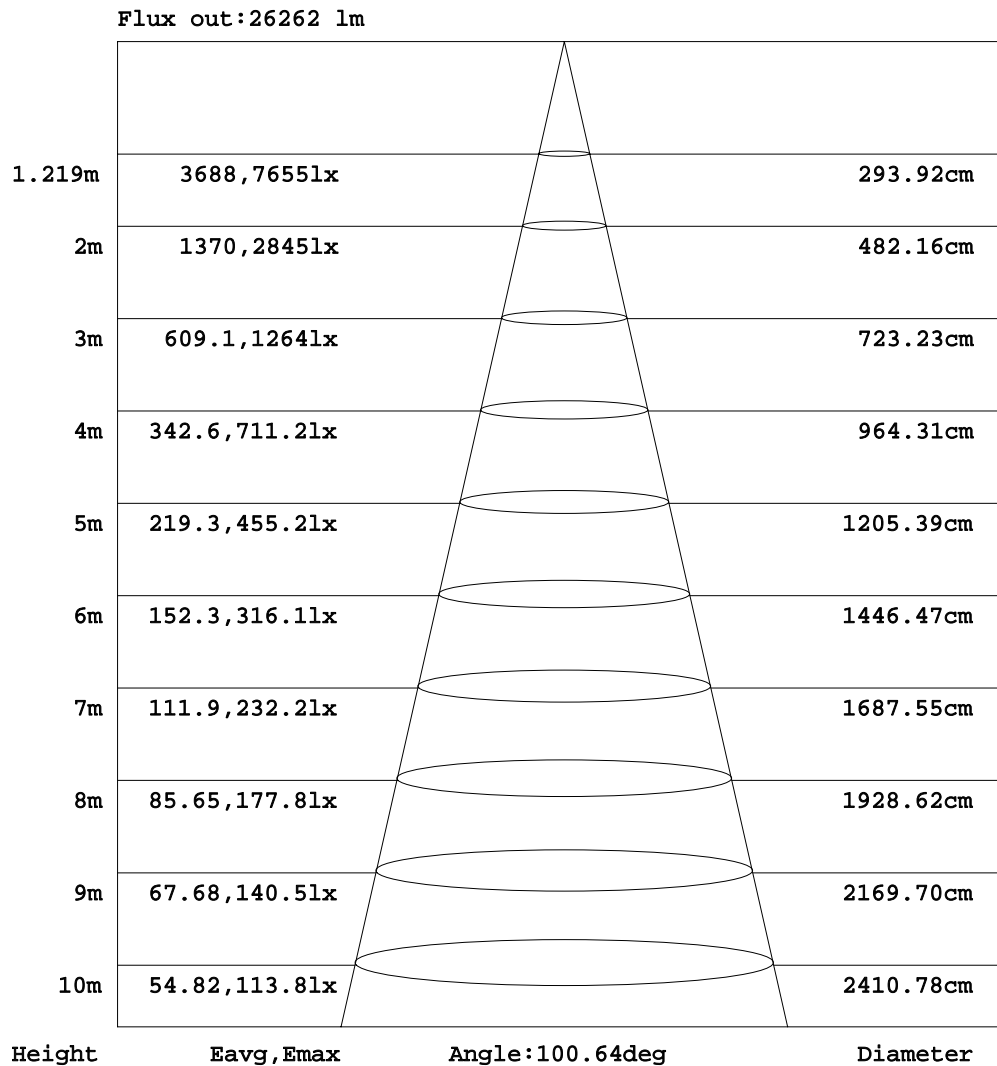


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-24

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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



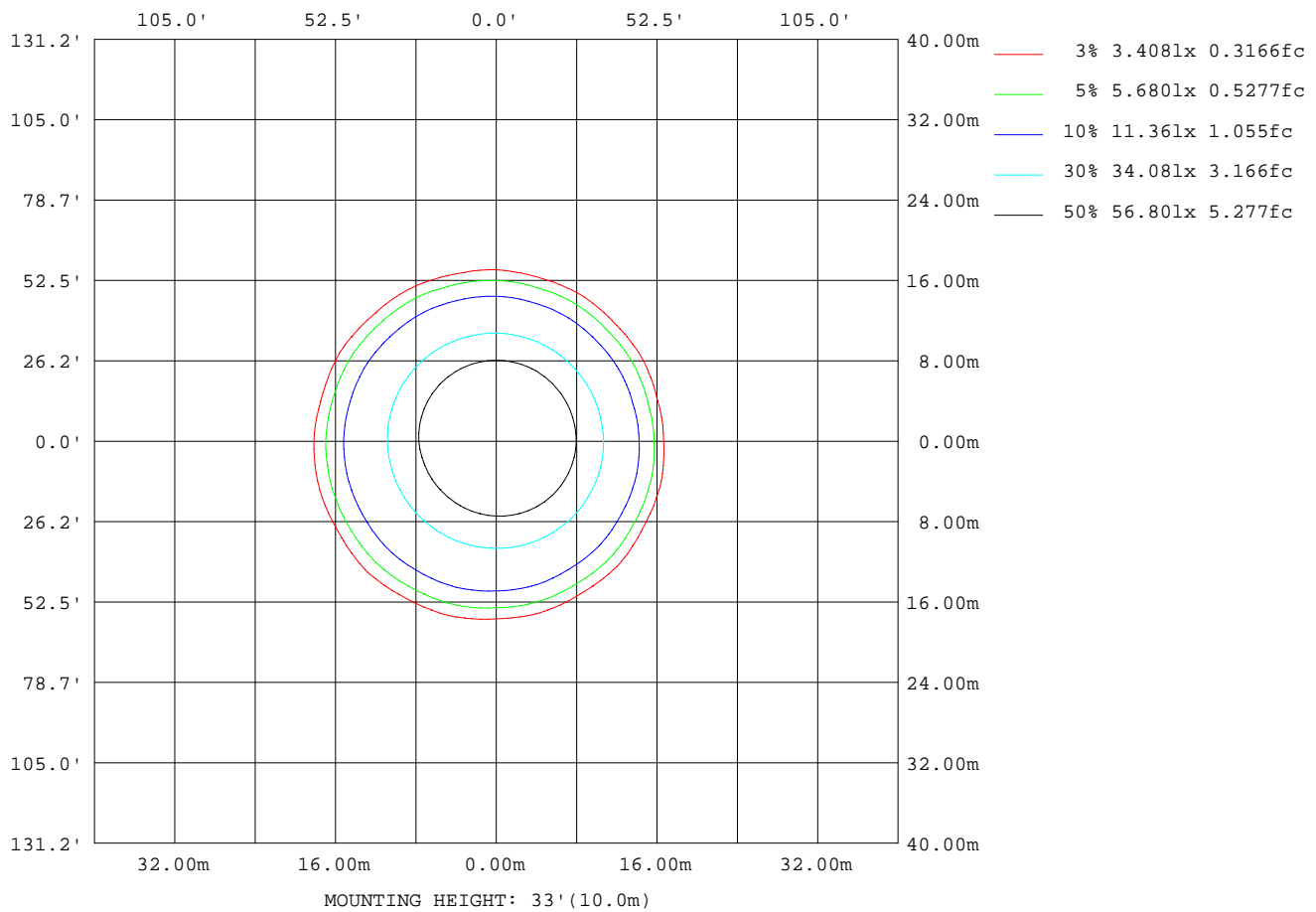
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

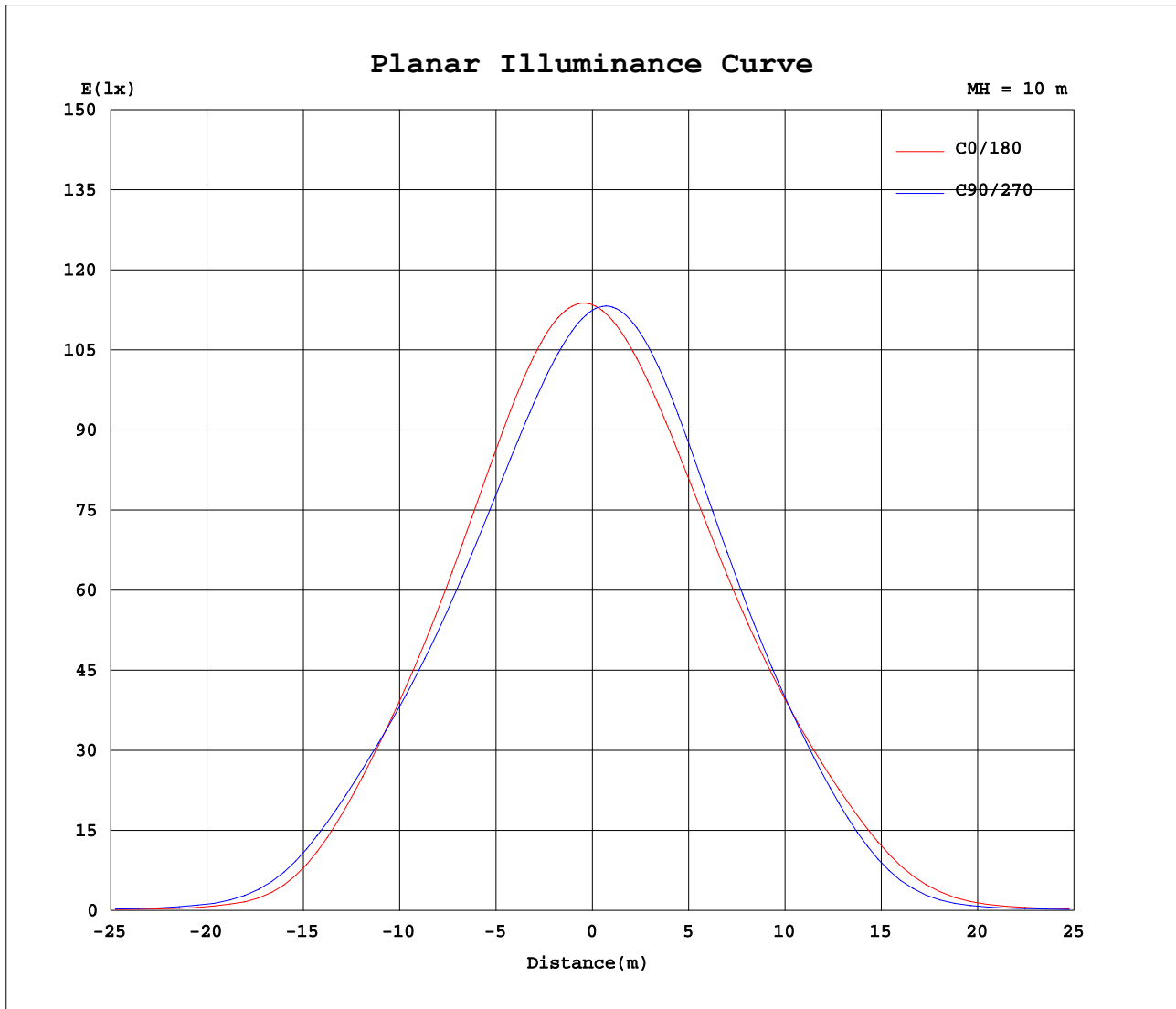
AvgL	cd/m2
L_0~180 (65) av	35545
L_0~180 (75) av	14636
L_0~180 (85) av	5152
L_90~270 (65) av	35330
L_90~270 (75) av	14867
L_90~270 (85) av	5116
L_45 (65) av	35683
L_45 (75) av	14652
L_45 (85) av	5019

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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-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	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
5	1140	1135	1130	1124	1118	1113	1109	1106	1106	1106	1109	1112	1117	1123	1129	1134	1139	1144	1147
10	1155	1146	1135	1124	1114	1104	1096	1090	1088	1090	1095	1102	1111	1122	1133	1144	1154	1163	1169
15	1171	1158	1144	1128	1114	1100	1089	1080	1078	1080	1087	1097	1110	1126	1141	1157	1170	1183	1191
20	1185	1171	1154	1135	1117	1100	1087	1077	1074	1075	1085	1097	1113	1133	1152	1171	1187	1200	1210
25	1196	1181	1163	1144	1124	1104	1089	1078	1075	1077	1087	1102	1120	1142	1163	1182	1200	1214	1224
30	1201	1186	1169	1150	1130	1111	1096	1083	1080	1082	1093	1109	1129	1151	1172	1192	1208	1220	1229
35	1194	1182	1168	1151	1134	1116	1101	1090	1087	1089	1101	1116	1134	1156	1176	1193	1207	1216	1224
40	1169	1162	1151	1140	1127	1114	1102	1092	1090	1093	1104	1118	1132	1151	1167	1181	1191	1194	1198
45	1103	1107	1103	1102	1095	1090	1084	1081	1081	1085	1092	1104	1112	1124	1135	1138	1141	1135	1132
50	940	960	965	984	987	1000	1003	1018	1022	1031	1032	1035	1033	1033	1033	1018	1010	985	974
55	582	617	630	675	690	732	746	783	792	816	806	815	804	783	770	731	710	660	639
60	187	212	219	269	270	311	320	360	369	399	385	393	385	351	351	303	290	245	232
65	56.1	60.3	62.4	71.8	74.5	84.5	98.0	104	116	118	119	111	107	99.0	91.8	80.8	75.5	66.1	64.3
70	29.4	30.5	31.0	34.2	35.2	38.1	40.4	44.4	45.9	48.5	46.3	45.4	44.1	40.9	39.7	37.4	36.3	33.8	33.5
75	16.4	16.7	16.8	18.2	18.8	20.7	22.2	23.7	23.9	25.7	24.5	24.9	24.7	22.9	22.0	21.3	20.8	19.9	19.6
80	6.96	6.86	6.37	7.87	7.67	9.46	10.8	11.2	10.6	12.2	11.6	12.3	12.7	11.5	10.1	9.89	9.62	9.27	9.50
85	1.01	0.96	1.10	1.52	1.53	1.91	2.61	2.12	2.58	3.91	3.44	3.16	3.87	2.56	2.39	2.93	2.57	1.83	2.23
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:0.9262A P:201.1W PF:0.9902 Freq:50.01Hz Lamp Flux:32716.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1127	1127	1127	1127	1127														
5	1150	1150	1150	1148	1144														
10	1173	1175	1173	1170	1164														
15	1196	1198	1196	1191	1183														
20	1216	1218	1215	1209	1200														
25	1229	1231	1227	1221	1211														
30	1233	1235	1230	1225	1215														
35	1225	1226	1220	1216	1206														
40	1195	1194	1188	1185	1177														
45	1123	1121	1112	1113	1108														
50	953	949	931	937	932														
55	598	591	561	569	558														
60	205	204	189	190	180														
65	59.3	59.5	56.6	56.7	54.6														
70	31.9	31.9	30.8	30.3	29.3														
75	18.6	18.0	17.2	16.6	16.4														
80	8.36	7.33	7.00	6.37	6.53														
85	1.31	1.37	1.14	1.11	0.81														
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: