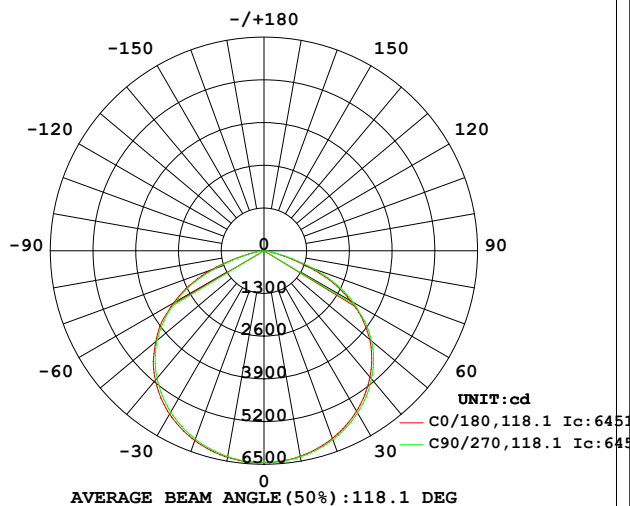


LUMINAIRE PHOTOMETRIC TEST REPORT

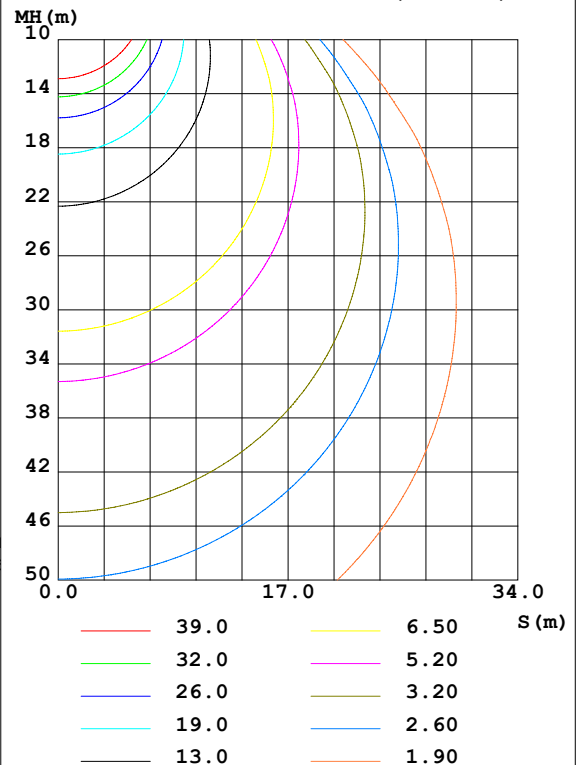
Test:U:219.2V I:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.40 lm/W			
MODEL	2835	I _{max} (cd)	6451	S/MH (C0/180)	1.32
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18707	η UP,DN (C0-180)	0.0,50.1
NOMINAL FLUX (lm)	18706.9	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.50

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:2024-8-23

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	6349	6363	6369	6379	6381	6369	6360	6348	0- 10	611.7	611.7	3.27,3.27
20	6079	6107	6120	6143	6148	6121	6102	6083	10- 20	1769	2380	12.7,12.7
30	5634	5675	5696	5731	5743	5698	5673	5648	20- 30	2732	5112	27.3,27.3
40	5016	5064	5090	5131	5143	5088	5064	5023	30- 40	3384	8496	45.4,45.4
50	4205	4252	4274	4330	4300	4275	4250	4204	40- 50	3622	12118	64.8,64.8
60	3033	3169	3128	3281	3173	3195	3098	3125	50- 60	3342	15460	82.6,82.6
70	1454	1504	1619	1670	1706	1539	1578	1405	60- 70	2381	17841	95.4,95.4
80	189.1	179.9	253.7	264.8	321.7	230.3	262.4	163.7	70- 80	799.0	18640	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	66.90	18707	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18707	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18707	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18707	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18707	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18707	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18707	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18707	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18707	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18707	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10306 lm

%lum = 55.1%

%lamp = 55.1%

Conical surface Flux(120deg): 15460 lm

%lum = 82.6%

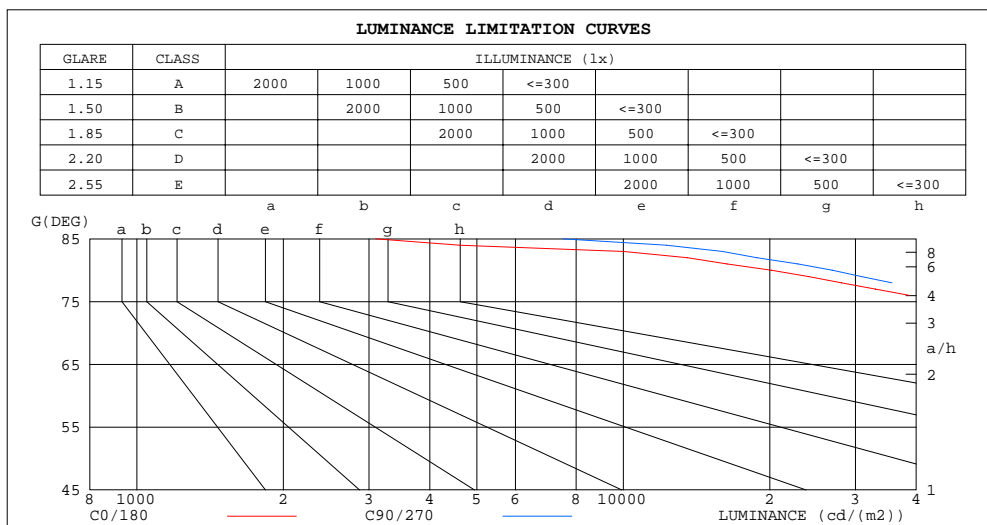
%lamp = 82.6%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:



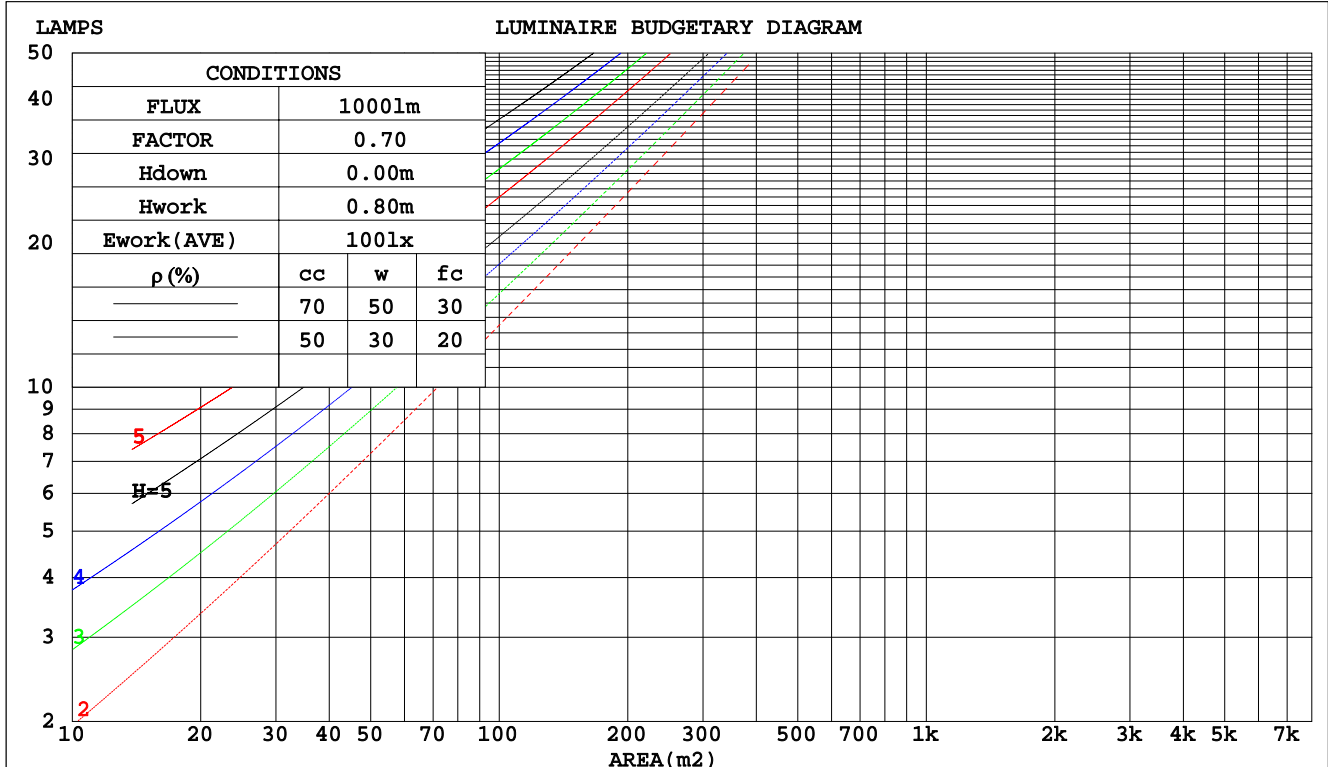
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-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						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	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.92	.86	.80	.90	.84	.79	.87	.82	.77	.83	.79	.76	.80	.77	.74	.72
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.52
5.0	.64	.55	.48	.63	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.44
6.0	.57	.48	.42	.56	.48	.42	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm					
NAME: AOK HBE			TYPE:		WEIGHT:
SPEC.:AOK-100WHBE-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	.283	.161	.051	.276	.158	.050	.263	.151	.048	.251	.145	.047	.240	.139	.045	
2.0	.276	.151	.046	.270	.149	.046	.258	.144	.045	.248	.139	.043	.238	.134	.042	
3.0	.260	.138	.041	.255	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039	
4.0	.243	.126	.037	.238	.125	.037	.229	.121	.036	.220	.118	.036	.213	.116	.035	
5.0	.226	.115	.033	.222	.114	.033	.214	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029	
7.0	.197	.097	.028	.193	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.078	.022	.156	.076	.021	.151	.075	.021	.147	.074	.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	.178	.156	.136	.153	.134	.117	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.012	
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.111	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm										
NAME: AOK HBE					TYPE:			WEIGHT:		
SPEC.:AOK-100WHBE-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	29.7	31.2	30.0	31.4	31.6	29.8	31.3	30.0	31.5	31.7
3H	30.8	32.2	31.1	32.4	32.7	30.9	32.3	31.2	32.6	32.8
4H	30.9	32.3	31.3	32.5	32.8	31.1	32.4	31.5	32.7	33.0
6H	30.9	32.1	31.2	32.4	32.7	31.1	32.4	31.5	32.6	32.9
8H	30.9	32.0	31.2	32.3	32.6	31.1	32.3	31.4	32.6	32.8
12H	30.8	31.9	31.2	32.2	32.5	31.0	32.2	31.4	32.5	32.8
4H 2H	30.3	31.6	30.6	31.8	32.1	30.3	31.6	30.6	31.9	32.1
3H	31.4	32.6	31.8	32.9	33.2	31.6	32.7	31.9	33.0	33.3
4H	31.6	32.6	32.0	33.0	33.3	31.8	32.8	32.1	33.1	33.5
6H	31.6	32.5	32.0	32.9	33.2	31.8	32.7	32.2	33.1	33.4
8H	31.6	32.4	32.0	32.8	33.2	31.8	32.6	32.2	33.0	33.4
12H	31.5	32.3	32.0	32.7	33.1	31.7	32.5	32.2	32.9	33.3
8H 4H	31.6	32.5	32.0	32.8	33.2	31.8	32.6	32.2	33.0	33.4
6H	31.6	32.3	32.1	32.7	33.2	31.8	32.5	32.3	32.9	33.3
8H	31.6	32.2	32.1	32.6	33.1	31.8	32.4	32.3	32.8	33.3
12H	31.6	32.1	32.0	32.5	33.0	31.8	32.3	32.3	32.7	33.2
12H 4H	31.6	32.3	32.0	32.7	33.1	31.7	32.5	32.2	32.9	33.3
6H	31.6	32.2	32.1	32.6	33.1	31.8	32.4	32.2	32.8	33.3
8H	31.6	32.1	32.1	32.5	33.0	31.8	32.3	32.3	32.7	33.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.6					+ 0.4 / - 0.5				

CIE Pub.117, 18707 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

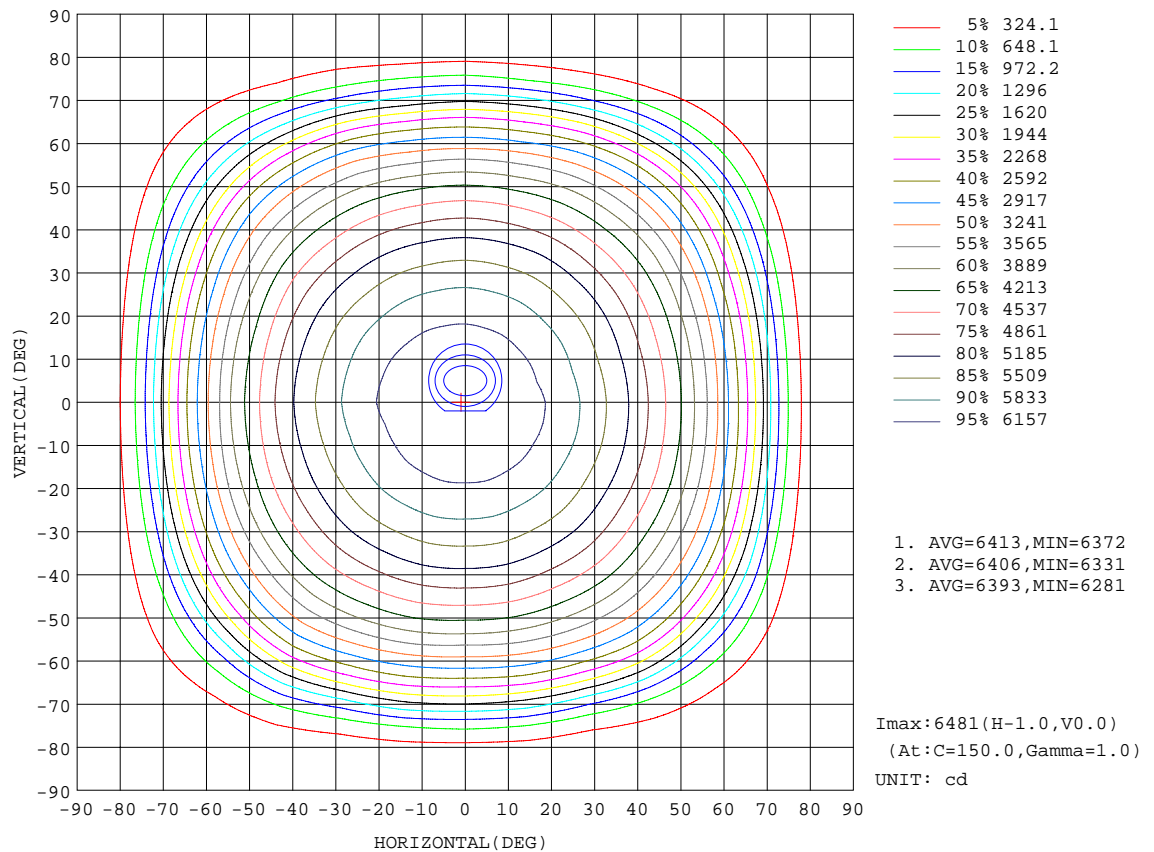
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	59	76	65	59	74	67	58	51
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	71	64
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	107	103	100	103	100	97	88
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:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

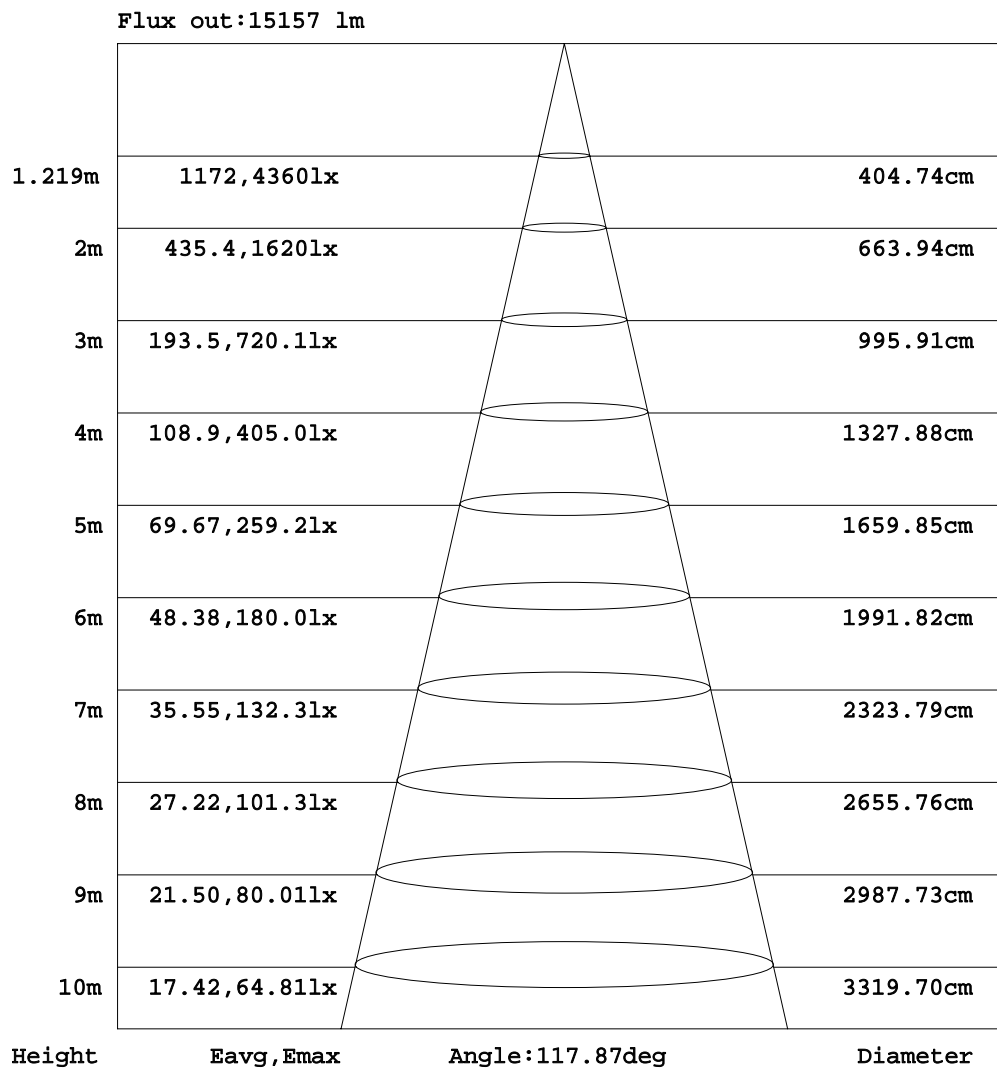


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



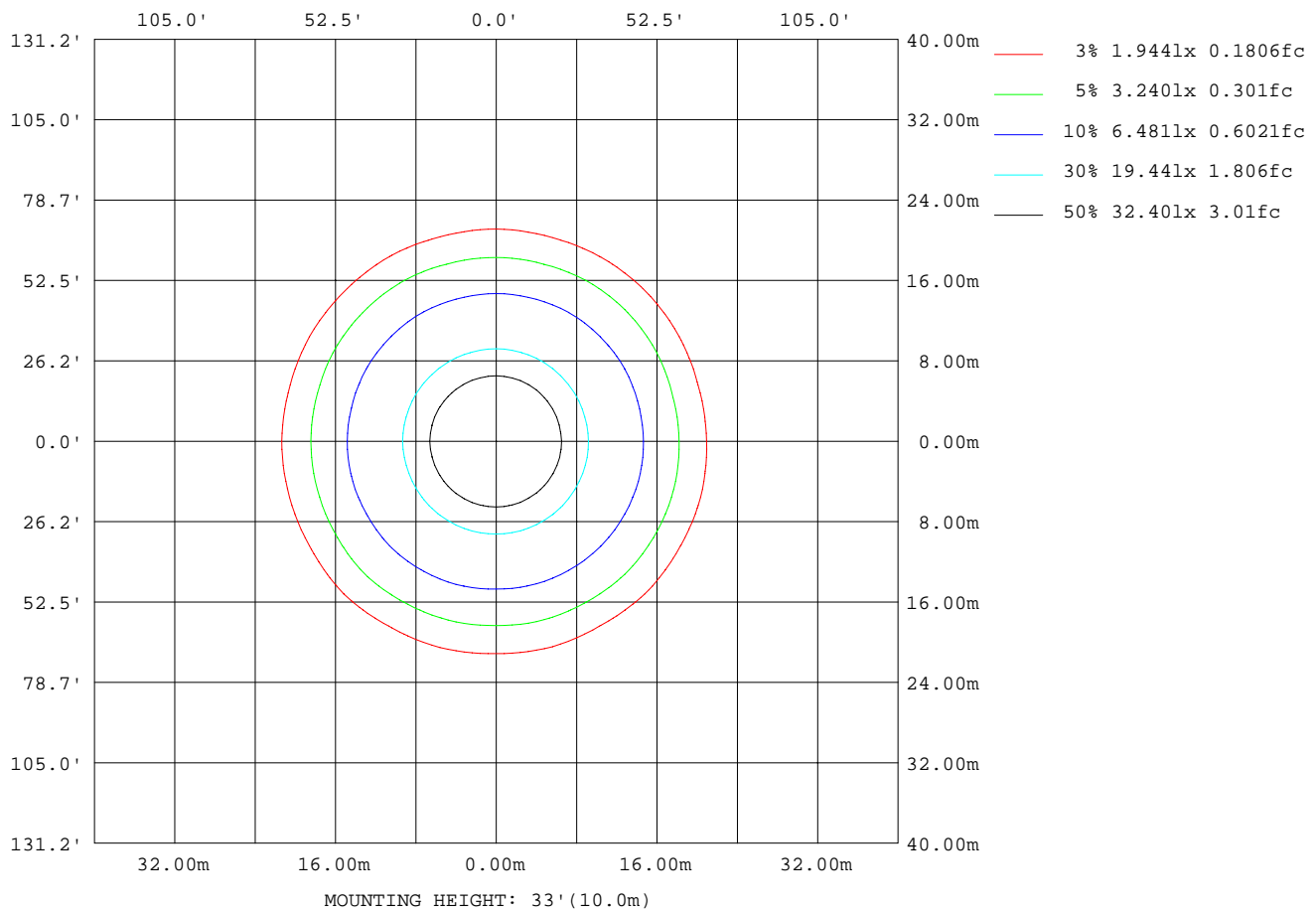
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-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: 2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

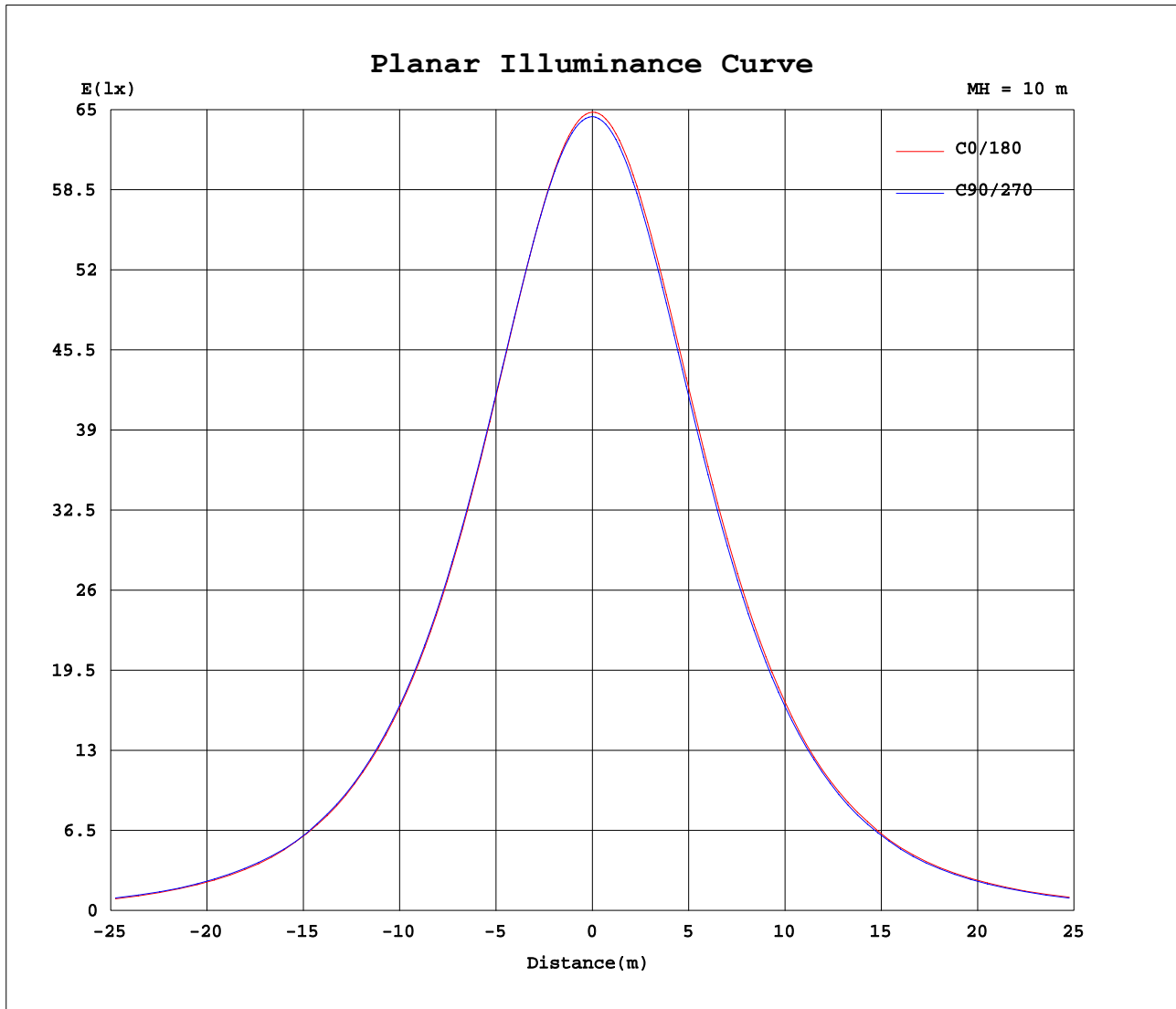
AvgL	cd/m2
L_0~180 (65) av	105816
L_0~180 (75) av	52623
L_0~180 (85) av	8983
L_90~270 (65) av	105732
L_90~270 (75) av	53864
L_90~270 (85) av	7871
L_45 (65) av	108294
L_45 (75) av	47150
L_45 (85) av	6552

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-23

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: 2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

Table--1

UNIT: 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	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450	6450
5	6421	6425	6425	6428	6428	6431	6431	6434	6433	6435	6435	6435	6436	6434	6434	6431	6431	6427	6427
10	6349	6355	6356	6363	6364	6370	6369	6374	6374	6379	6378	6380	6381	6376	6376	6369	6368	6361	6360
15	6235	6245	6246	6257	6258	6267	6265	6275	6274	6283	6281	6286	6285	6277	6278	6267	6265	6253	6252
20	6079	6091	6093	6107	6110	6121	6120	6133	6132	6143	6141	6148	6148	6139	6136	6121	6116	6102	6102
25	5878	5893	5896	5912	5915	5929	5929	5946	5946	5961	5959	5968	5967	5953	5950	5930	5923	5905	5909
30	5634	5653	5656	5675	5679	5697	5696	5714	5714	5731	5731	5743	5743	5727	5724	5698	5688	5668	5673
35	5348	5367	5371	5395	5397	5418	5419	5436	5436	5456	5454	5468	5469	5454	5447	5416	5406	5386	5393
40	5016	5034	5038	5064	5066	5092	5090	5111	5112	5131	5127	5142	5143	5128	5123	5088	5075	5056	5064
45	4636	4657	4655	4685	4685	4716	4712	4740	4736	4756	4751	4770	4766	4750	4746	4706	4697	4674	4686
50	4205	4229	4218	4252	4250	4284	4274	4317	4307	4330	4325	4311	4300	4279	4314	4275	4265	4239	4250
55	3671	3705	3716	3750	3749	3755	3747	3797	3819	3847	3804	3819	3812	3782	3788	3777	3769	3708	3719
60	3033	3099	3135	3169	3141	3153	3128	3173	3207	3281	3220	3197	3173	3173	3207	3195	3191	3103	3098
65	2340	2402	2409	2463	2403	2463	2424	2500	2504	2599	2515	2524	2519	2482	2508	2474	2478	2409	2431
70	1454	1479	1443	1504	1462	1562	1619	1644	1587	1670	1599	1658	1706	1633	1587	1539	1553	1507	1578
75	631	635	596	600	602	706	759	747	709	774	716	775	849	807	749	692	698	721	756
80	189	192	169	180	178	236	254	252	231	265	222	296	322	295	261	230	253	242	262
85	14.6	15.0	13.8	14.4	13.7	25.5	35.6	38.4	38.8	54.2	39.7	56.3	70.5	64.4	49.0	42.1	45.3	40.7	38.9
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:2024-8-23

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:0.4753A P:101.4W PF:0.9735 Freq:50.01Hz Lamp Flux:18706.9x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-100WHBE-NV-L2-00-5080-120D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	6450	6450	6450	6450	6450														
5	6424	6424	6422	6423	6422														
10	6354	6353	6348	6351	6348														
15	6244	6244	6237	6240	6235														
20	6093	6092	6083	6087	6081														
25	5898	5900	5887	5890	5880														
30	5661	5665	5648	5650	5639														
35	5381	5381	5362	5364	5353														
40	5047	5044	5023	5028	5019														
45	4665	4663	4638	4645	4639														
50	4230	4231	4204	4214	4206														
55	3699	3739	3709	3720	3673														
60	3078	3132	3125	3104	3032														
65	2383	2407	2407	2363	2309														
70	1509	1471	1405	1387	1387														
75	664	633	585	568	558														
80	216	169	164	161	142														
85	18.3	15.7	13.4	13.8	13.5														
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:2024-8-23

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: