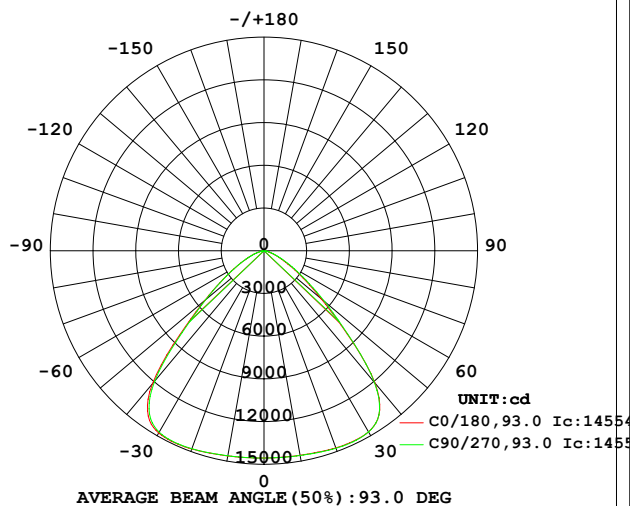


LUMINAIRE PHOTOMETRIC TEST REPORT

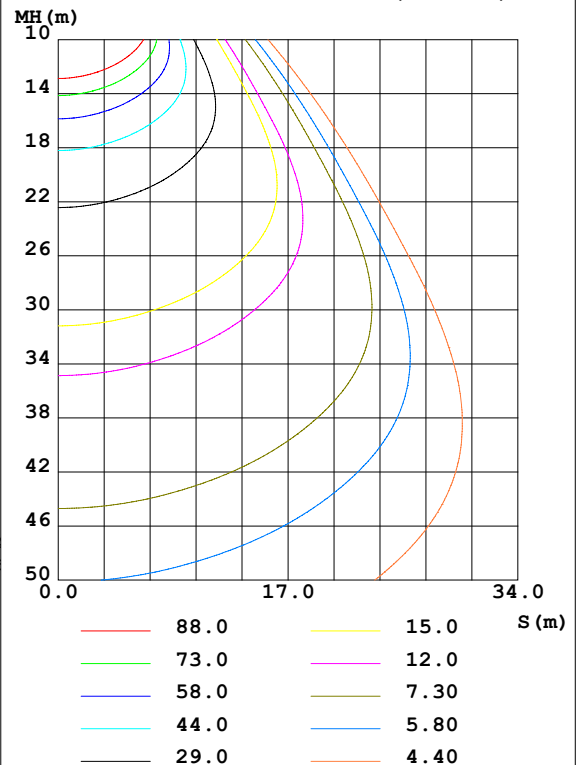
Test:U:219.2V I:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.91 lm/W			
MODEL	2835	I _{max} (cd)	14889	S/MH (C0/180)	1.35
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.34
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	32712	η UP,DN (C0-180)	0.0,50.2
NOMINAL FLUX (lm)	32712.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35

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:2024-8-22

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	1458	1458	1460	1462	1463	1463	1462	1460	0- 10	1392	1392	4.26,4.26
20	1473	1473	1476	1478	1481	1483	1480	1476	10- 20	4165	5557	17,17
30	1468	1467	1469	1474	1478	1475	1471	1472	20- 30	6850	12407	37.9,37.9
40	1212	1212	1208	1228	1218	1173	1193	1206	30- 40	8666	21073	64.4,64.4
50	526.4	552.2	557.6	554.7	541.0	534.6	534.5	527.6	40- 50	6492	27565	84.3,84.3
60	212.2	227.9	228.6	232.2	224.1	227.7	223.2	214.4	50- 60	3221	30786	94.1,94.1
70	75.93	82.42	80.17	86.72	84.05	85.53	80.40	78.29	60- 70	1414	32200	98.4,98.4
80	15.89	16.19	17.52	19.78	19.51	18.55	17.36	15.03	70- 80	465.3	32665	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	46.73	32712	100,100
100	0	0	0	0	0	0	0	0	90-100	0	32712	100,100
110	0	0	0	0	0	0	0	0	100-110	0	32712	100,100
120	0	0	0	0	0	0	0	0	110-120	0	32712	100,100
130	0	0	0	0	0	0	0	0	120-130	0	32712	100,100
140	0	0	0	0	0	0	0	0	130-140	0	32712	100,100
150	0	0	0	0	0	0	0	0	140-150	0	32712	100,100
160	0	0	0	0	0	0	0	0	150-160	0	32712	100,100
170	0	0	0	0	0	0	0	0	160-170	0	32712	100,100
180	0	0	0	0	0	0	0	0	170-180	0	32712	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 24852 lm

%lum = 76.0%

%lamp = 76.0%

Conical surface Flux(120deg): 30786 lm

%lum = 94.1%

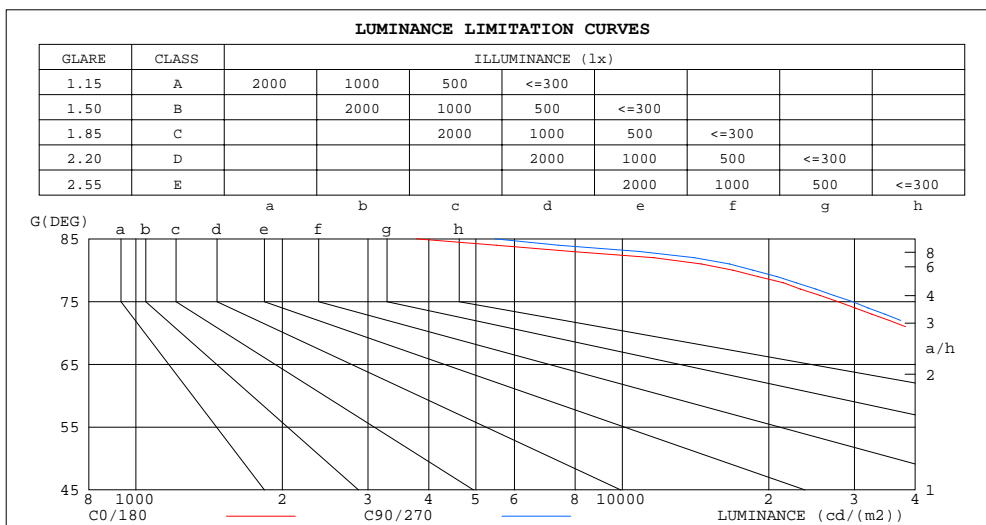
%lamp = 94.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



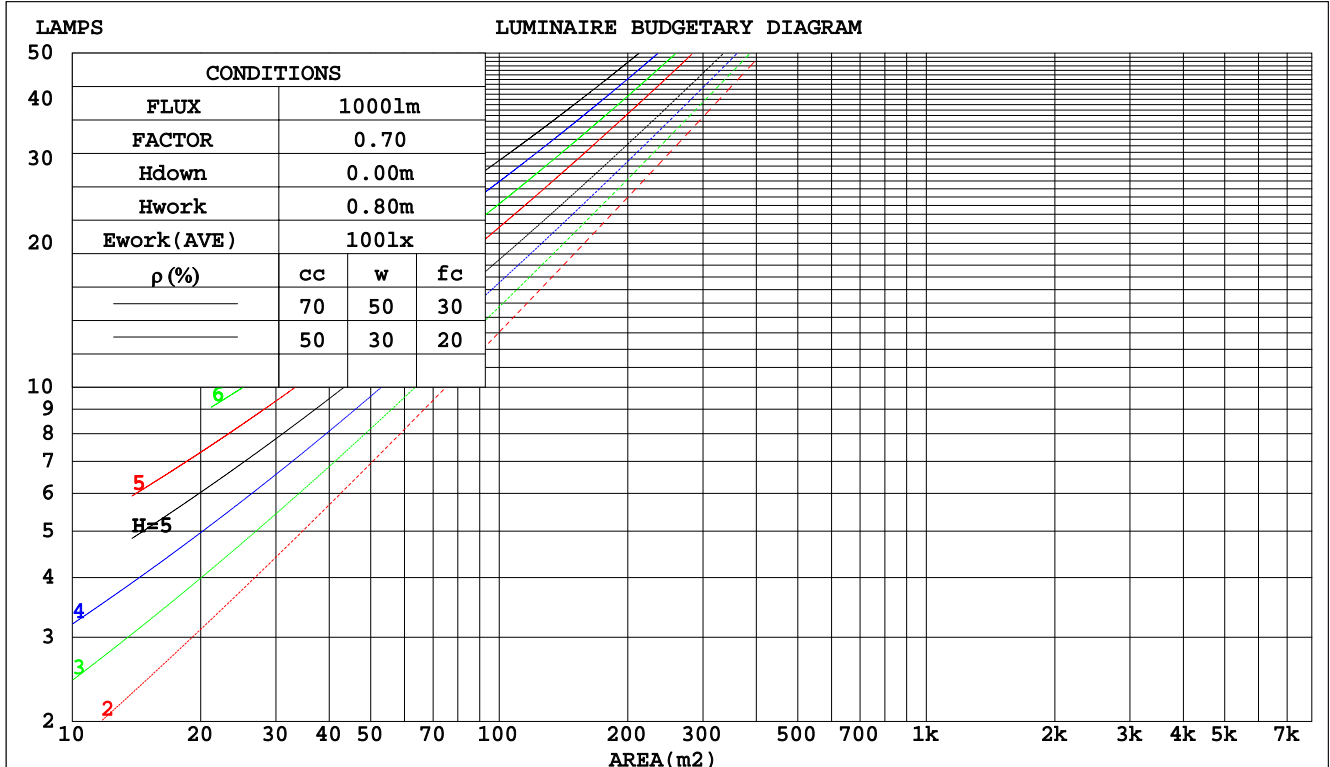
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

ρcc	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	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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.97	.92	.87	.95	.90	.86	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79
3.0	.87	.81	.76	.86	.80	.75	.83	.78	.74	.81	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.75	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.64	.58	.71	.63	.58	.69	.62	.57	.67	.61	.57	.65	.60	.56	.55
6.0	.65	.58	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.55	.51	.49
7.0	.60	.52	.47	.59	.52	.46	.58	.51	.46	.56	.50	.46	.55	.50	.46	.44
8.0	.55	.47	.42	.54	.47	.42	.53	.46	.42	.52	.46	.41	.51	.45	.41	.39
9.0	.51	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.36
10.0	.47	.40	.35	.46	.39	.35	.45	.39	.35	.44	.39	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm					
NAME: AOK HBE			TYPE:		WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-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	.233	.133	.042	.226	.129	.041	.214	.123	.039	.202	.116	.037	.191	.111	.036	
2.0	.228	.125	.038	.222	.122	.038	.211	.117	.036	.201	.113	.035	.191	.108	.034	
3.0	.218	.116	.035	.213	.114	.034	.203	.110	.033	.194	.106	.033	.186	.103	.032	
4.0	.207	.107	.032	.202	.106	.031	.194	.103	.031	.186	.100	.030	.178	.097	.030	
5.0	.196	.100	.029	.192	.098	.029	.184	.096	.028	.177	.093	.028	.170	.091	.027	
6.0	.185	.093	.027	.182	.092	.026	.175	.090	.026	.168	.088	.026	.163	.086	.025	
7.0	.175	.087	.025	.172	.086	.024	.166	.084	.024	.160	.082	.024	.155	.080	.024	
8.0	.166	.081	.023	.163	.080	.023	.158	.079	.022	.153	.077	.022	.148	.076	.022	
9.0	.157	.076	.021	.155	.075	.021	.150	.074	.021	.145	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.147	.071	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019	

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	.175	.157	.140	.150	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.132	.106	.140	.114	.091	.096	.079	.064	.055	.046	.037	.018	.015	.012	
3.0	.154	.114	.082	.132	.098	.071	.091	.068	.050	.053	.040	.029	.017	.013	.010	
4.0	.146	.100	.065	.126	.086	.056	.086	.060	.040	.050	.035	.023	.016	.011	.008	
5.0	.139	.089	.052	.120	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.126	.074	.036	.109	.064	.032	.075	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.012	.014	.008	.004	
9.0	.115	.063	.027	.099	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm											
NAME: AOK HBE					TYPE:			WEIGHT:			
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-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	28.9	30.2	29.2	30.4	30.6	29.0	30.3	29.3	30.5	30.7	
	3H	29.0	30.2	29.3	30.4	30.6	29.2	30.4	29.5	30.6	30.8
	4H	29.0	30.1	29.3	30.4	30.6	29.2	30.3	29.5	30.5	30.8
	6H	29.0	30.0	29.3	30.3	30.5	29.1	30.2	29.4	30.4	30.7
	8H	28.9	29.9	29.2	30.2	30.5	29.1	30.1	29.4	30.3	30.6
	12H	28.9	29.8	29.2	30.1	30.4	29.0	30.0	29.4	30.3	30.6
4H	2H	28.9	30.0	29.2	30.3	30.5	29.0	30.2	29.3	30.4	30.6
	3H	29.1	30.1	29.5	30.4	30.7	29.3	30.2	29.6	30.5	30.8
	4H	29.1	30.0	29.5	30.3	30.6	29.3	30.2	29.7	30.5	30.8
	6H	29.1	29.9	29.5	30.2	30.6	29.3	30.0	29.6	30.4	30.7
	8H	29.1	29.8	29.5	30.1	30.5	29.2	29.9	29.6	30.3	30.7
	12H	29.0	29.7	29.4	30.0	30.4	29.2	29.8	29.6	30.2	30.6
8H	4H	29.1	29.8	29.5	30.1	30.5	29.2	29.9	29.6	30.3	30.7
	6H	29.1	29.6	29.5	30.0	30.4	29.2	29.8	29.6	30.2	30.6
	8H	29.0	29.5	29.5	29.9	30.4	29.2	29.7	29.6	30.1	30.5
	12H	29.0	29.4	29.5	29.9	30.3	29.1	29.6	29.6	30.0	30.5
12H	4H	29.0	29.7	29.5	30.1	30.5	29.2	29.8	29.6	30.2	30.6
	6H	29.0	29.5	29.5	29.9	30.4	29.2	29.7	29.6	30.1	30.5
	8H	29.0	29.4	29.5	29.9	30.3	29.1	29.6	29.6	30.0	30.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 2.3					+ 1.4 / - 2.1					
1.5H	+ 1.5 / - 1.6					+ 1.4 / - 1.5					
2.0H	+ 2.9 / - 2.7					+ 2.8 / - 2.7					

CIE Pub.117, 32712 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:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

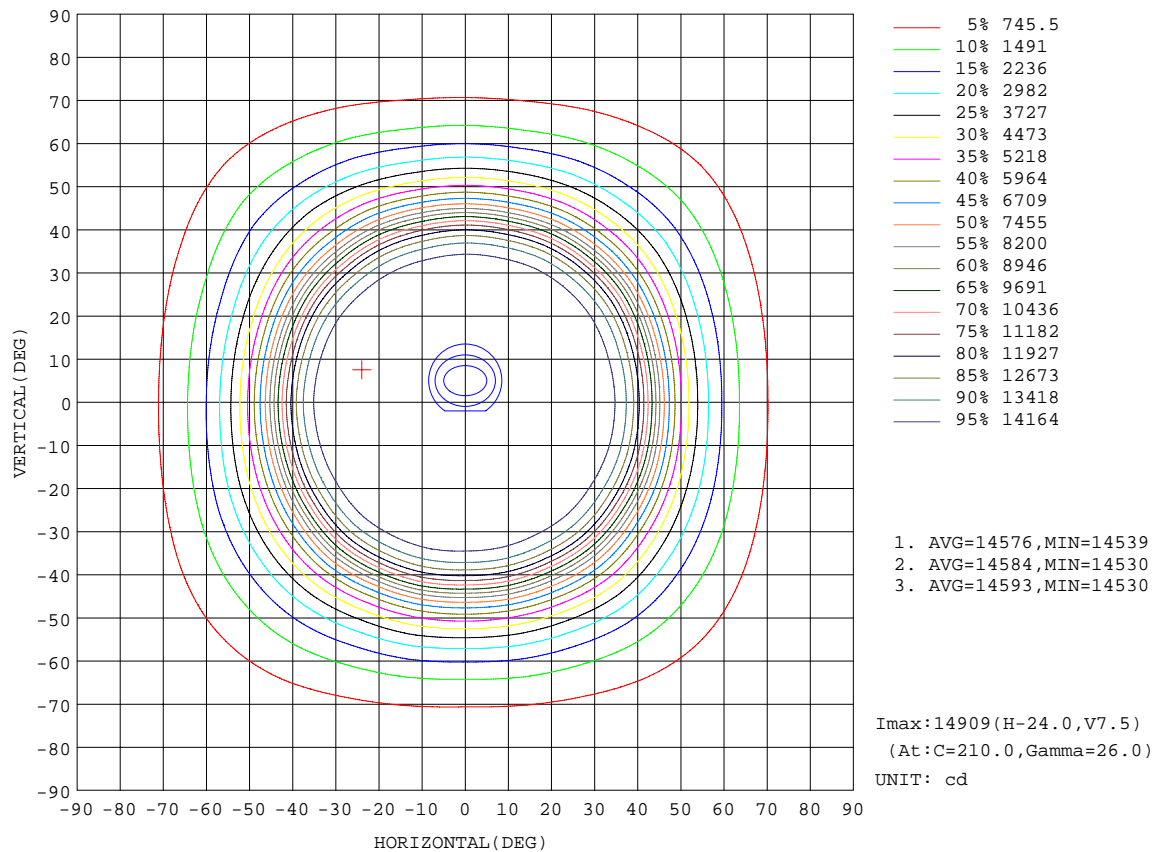
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	54	68	59	53	67	59	53	48
0.80	79	70	64	78	69	64	76	69	63	58
1.00	87	78	73	86	78	72	84	78	72	66
1.25	93	85	80	92	84	79	89	83	79	73
1.50	97	90	85	96	89	84	93	87	83	77
2.00	102	96	91	101	95	91	98	93	89	83
2.50	105	99	95	103	98	94	100	96	92	85
3.00	107	102	98	105	101	97	102	98	95	88
4.00	110	106	103	108	104	101	104	101	99	91
5.00	112	108	105	110	107	104	105	103	101	92
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:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: ϕ 263mm	Shielding Angle:

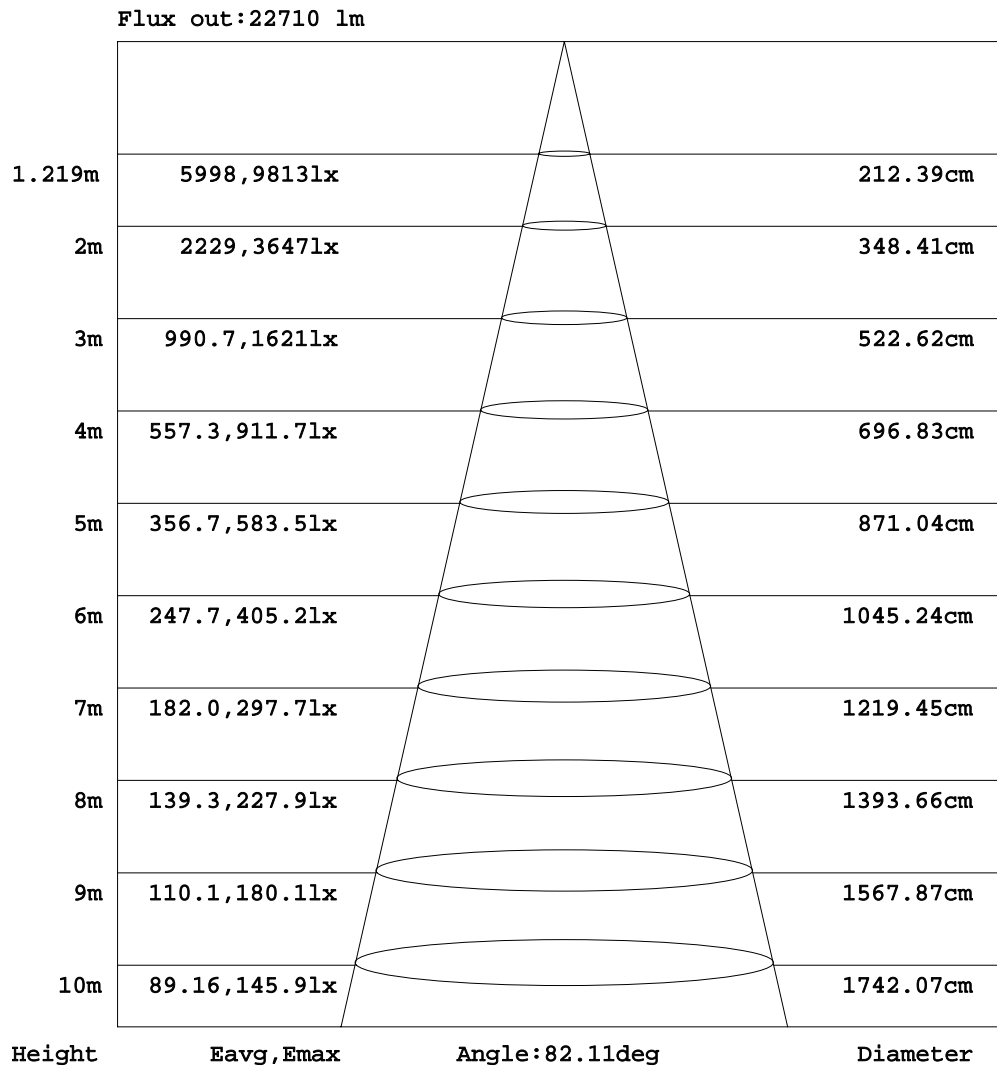


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:



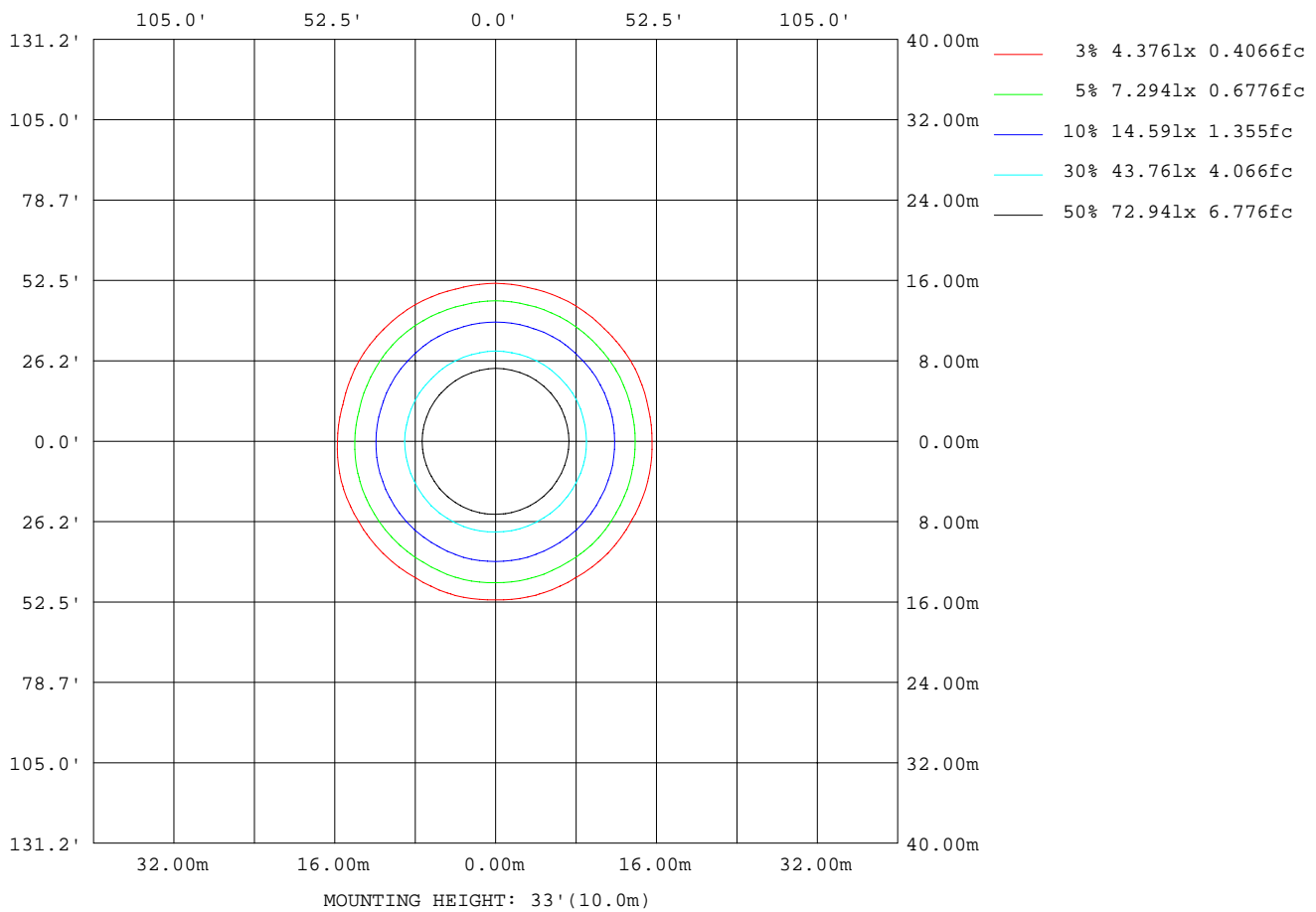
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-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: 2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: Φ 263mm	Shielding Angle:

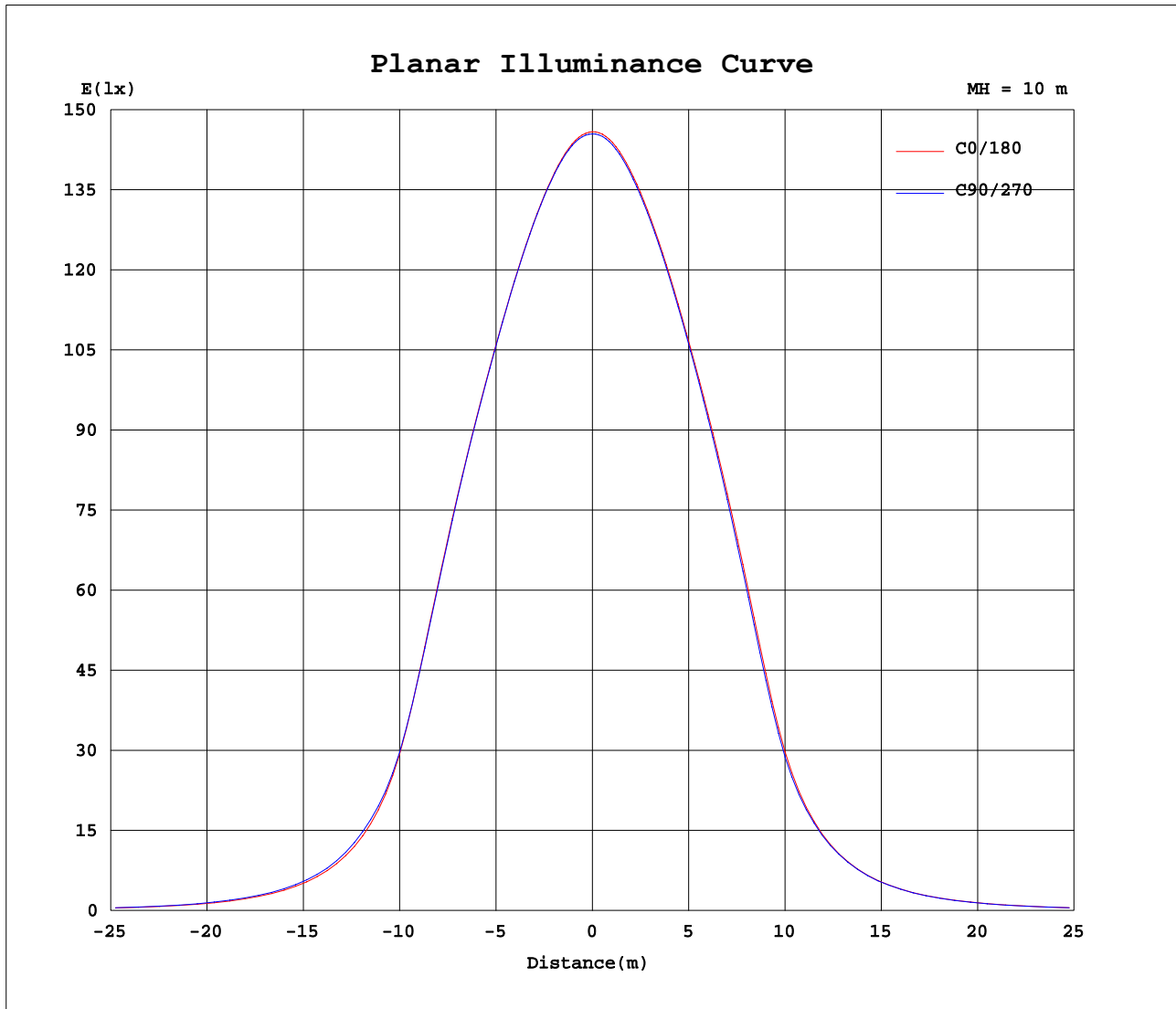
AvgL	cd/m2
L_0~180 (65) av	58408
L_0~180 (75) av	29668
L_0~180 (85) av	5208
L_90~270 (65) av	60045
L_90~270 (75) av	29450
L_90~270 (85) av	5327
L_45 (65) av	60494
L_45 (75) av	30212
L_45 (85) av	5480

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-8-22

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: 2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm																		
NAME: AOK HBE									TYPE:					WEIGHT:				
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P									DIM.:					SERIAL No.:				
MFR.: AOK									SUR.:φ263mm					Shielding Angle:				

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455
5	1456	1456	1456	1456	1456	1456	1457	1457	1457	1458	1458	1458	1458	1458	1458	1458	1458	1458	1458
10	1458	1458	1458	1458	1459	1459	1460	1460	1461	1462	1462	1462	1463	1463	1463	1463	1463	1463	1462
15	1464	1464	1464	1464	1465	1466	1467	1468	1469	1469	1470	1471	1471	1472	1472	1472	1471	1471	1470
20	1473	1473	1473	1473	1474	1474	1476	1477	1478	1478	1480	1480	1481	1483	1483	1483	1482	1481	1480
25	1478	1477	1477	1477	1478	1479	1480	1482	1483	1484	1484	1485	1487	1488	1489	1488	1487	1486	1484
30	1468	1468	1466	1467	1466	1468	1469	1471	1472	1474	1474	1476	1478	1479	1479	1475	1474	1471	1471
35	1408	1409	1404	1407	1405	1408	1407	1414	1414	1417	1413	1416	1417	1411	1409	1398	1398	1395	1401
40	1212	1217	1205	1212	1203	1213	1208	1222	1221	1228	1212	1217	1218	1201	1194	1173	1182	1180	1193
45	827	837	821	835	828	847	840	857	846	857	832	836	839	823	817	800	812	808	815
50	526	534	534	552	547	555	558	559	547	555	551	548	541	532	537	535	540	529	535
55	337	343	347	358	355	362	359	368	357	362	361	363	350	344	351	357	354	345	348
60	212	219	220	228	227	232	229	234	228	232	232	237	224	219	231	228	230	221	223
65	128	133	135	138	138	142	138	142	141	144	143	146	140	135	144	141	142	137	138
70	75.9	79.0	81.0	82.4	81.5	82.8	80.2	83.7	83.7	86.7	86.1	87.8	84.1	81.7	86.4	85.5	85.0	80.9	80.4
75	38.9	39.8	40.9	42.1	40.3	42.1	41.8	42.8	42.4	45.9	44.8	45.2	44.6	42.7	44.2	42.4	43.8	40.7	41.0
80	15.9	14.6	13.2	16.2	11.7	16.5	17.5	17.0	13.3	19.8	15.6	17.2	19.5	18.4	14.5	18.6	14.5	16.3	17.4
85	1.78	1.57	1.88	2.36	2.05	1.87	2.59	2.02	2.44	3.15	2.70	2.42	3.15	2.11	2.60	2.92	2.55	1.58	2.45
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:2024-8-22

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:0.9311A P:202.0W PF:0.9901 Freq:50.01Hz Lamp Flux:32712.2x1 lm		
NAME: AOK HBE	TYPE:	WEIGHT:
SPEC.:AOK-200WHBE-NV-L2-00-3080-90D-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.:Φ263mm	Shielding Angle:

Table--2

UNIT: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1455	1455	1455	1455	1455														
5	1457	1457	1457	1456	1456														
10	1461	1460	1460	1459	1459														
15	1469	1468	1467	1466	1465														
20	1479	1477	1476	1475	1475														
25	1483	1482	1481	1480	1479														
30	1471	1472	1472	1472	1470														
35	1402	1409	1410	1413	1410														
40	1188	1204	1206	1220	1212														
45	808	819	815	833	826														
50	530	536	528	532	530														
55	345	346	339	344	339														
60	218	220	214	219	215														
65	133	135	132	134	131														
70	78.4	79.7	78.3	79.5	76.7														
75	39.5	39.8	39.5	39.4	38.8														
80	15.9	12.3	15.0	12.0	15.1														
85	1.60	2.10	1.95	1.87	1.29														
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:2024-8-22

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: