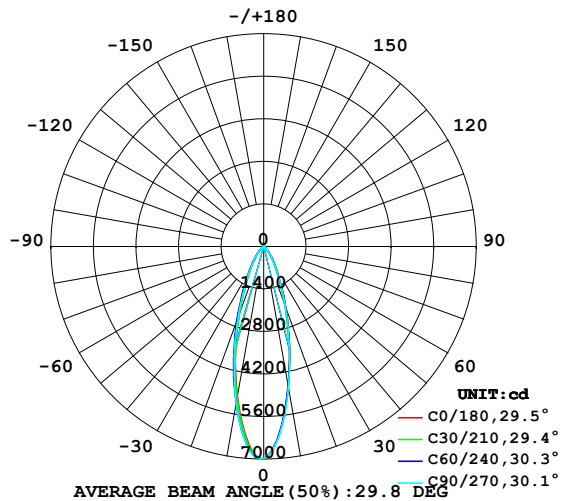


## LUMINAIRE PHOTOMETRIC TEST REPORT

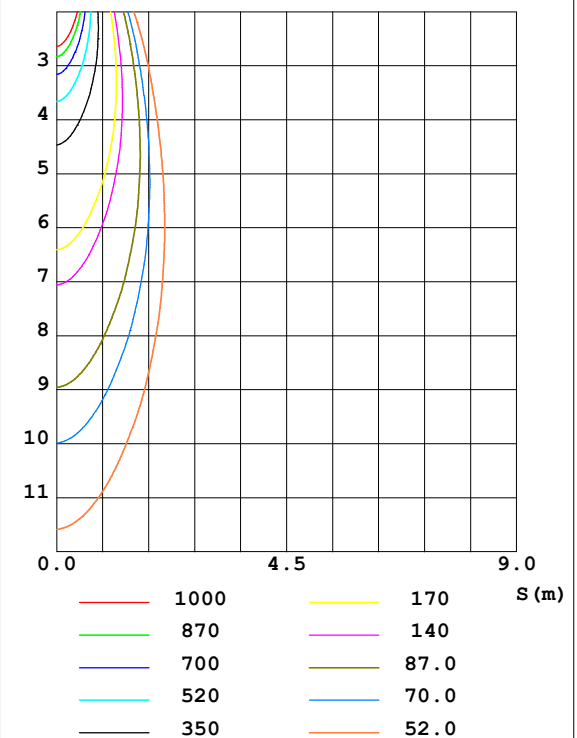
Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.95 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	6991	S/MH (C0/180)	0.47
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.47
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2781.8	η UP, DN (C0-180)	1.8, 45.9
NOMINAL FLUX (lm)	2781.77	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 50.9
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	96.9	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



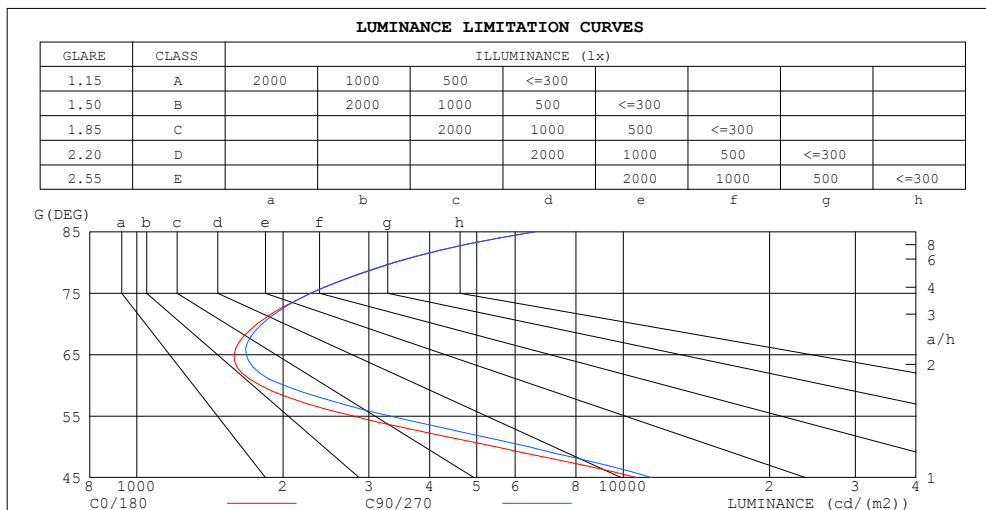
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	4688	4670	4713	4766	5016	5152	5239	5079	0- 10	556.4	556.4	20,20
20	2111	2055	2066	2156	2377	2452	2460	2373	10- 20	956.1	1512	54.4,54.4
30	798.8	764.3	763.9	814.2	914.8	941.4	933.0	905.5	20- 30	648.8	2161	77.7,77.7
40	290.7	281.6	288.1	305.2	343.5	350.9	342.3	329.9	30- 40	338.6	2500	89.9,89.9
50	70.16	74.08	82.09	82.71	85.13	83.78	81.24	77.96	40- 50	136.5	2636	94.8,94.8
60	17.94	18.60	20.06	19.12	11.97	11.37	11.64	11.80	50- 60	33.70	2670	96,96
70	12.10	12.15	12.39	12.26	2.666	2.609	2.539	2.659	60- 70	9.876	2680	96.3,96.3
80	11.84	11.69	11.73	11.87	1.881	1.877	1.912	1.918	70- 80	7.351	2687	96.6,96.6
90	11.10	11.05	11.17	11.29	2.424	2.483	2.611	2.562	80- 90	7.453	2695	96.9,96.9
100	10.39	10.53	10.76	10.65	3.952	4.007	4.163	4.118	90-100	7.684	2702	97.2,97.2
110	10.28	10.68	11.06	10.65	6.181	6.298	6.566	6.455	100-110	8.291	2711	97.4,97.4
120	11.72	12.34	12.90	12.26	9.722	9.850	10.14	10.06	110-120	9.592	2720	97.8,97.8
130	15.56	16.20	16.79	16.11	14.72	14.66	14.74	14.85	120-130	11.78	2732	98.2,98.2
140	21.22	21.51	21.67	21.45	19.47	19.29	19.16	19.38	130-140	13.85	2746	98.7,98.7
150	26.36	26.09	25.76	26.26	22.52	22.46	22.15	22.31	140-150	14.07	2760	99.2,99.2
160	28.82	28.05	27.67	28.69	24.15	24.23	23.72	23.62	150-160	11.71	2772	99.6,99.6
170	28.11	27.44	27.73	28.38	25.04	25.26	25.08	24.39	160-170	7.459	2779	99.9,99.9
180	26.60	26.81	27.29	26.88	26.57	26.77	27.28	26.84	170-180	2.529	2782	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6621	6631
80	3410	3378
75	2286	2280
70	1770	1811
65	1585	1678
60	1794	2006
55	2782	3307
50	5457	6385
45	10699	11458

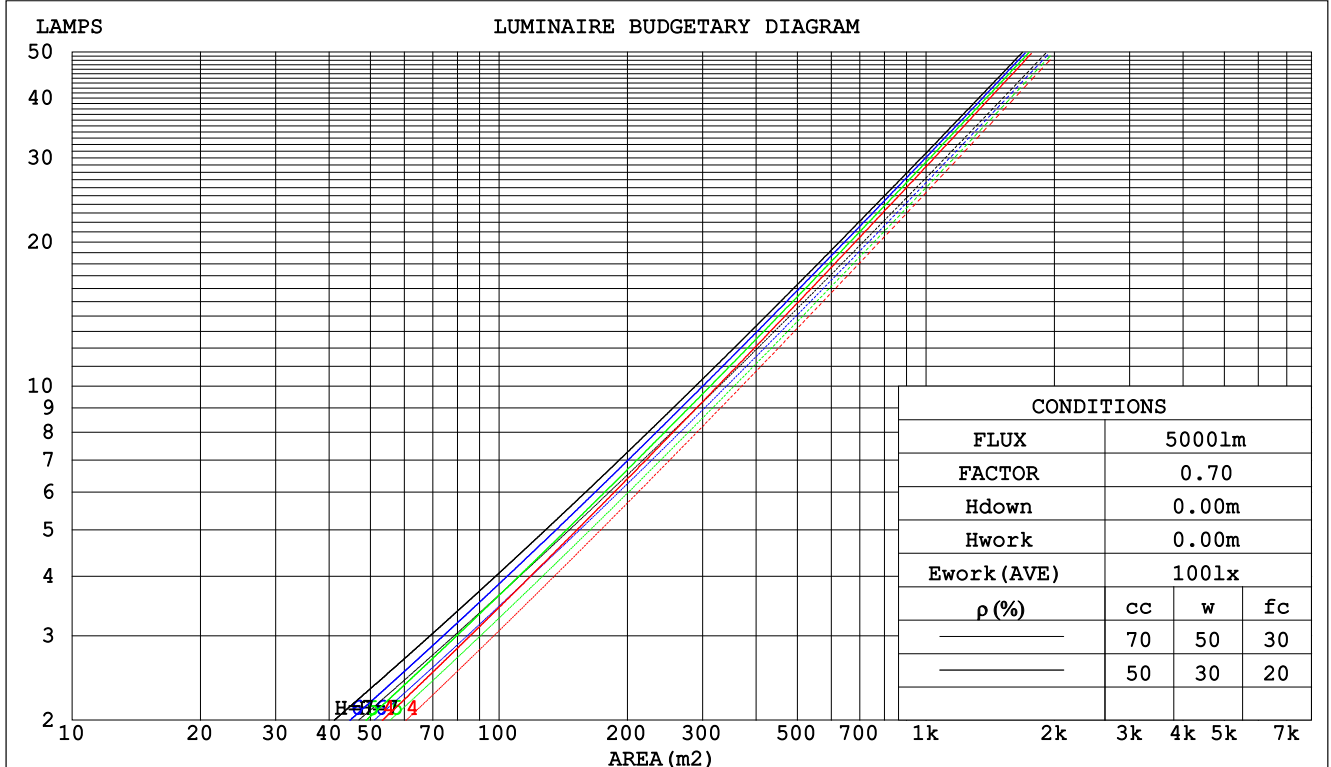
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.03	1.02	1.00	.99	.98	.97	.95	.94	.93	.91
2.0	1.04	.90	.97	1.02	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.93	.89	.96	.92	.88	.93	.89	.87	.90	.87	.85	.87	.85	.83	.82
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.76	.82	.78	.75	.80	.77	.75	.73
6.0	.83	.77	.73	.82	.77	.73	.80	.76	.72	.78	.74	.72	.77	.73	.71	.70
7.0	.79	.73	.69	.78	.73	.69	.76	.72	.69	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.70	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.72	.66	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.65	.62	.59	.58



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm					
NAME: AW01-12V-3535-18-3000K-A-40			TYPE:		WEIGHT:
DIM.: Length=1m			SPEC.:		SERIAL No.:
MFR.:			SUR.:		PROTECTION 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	.169	.096	.030	.161	.092	.029	.147	.084	.027	.134	.077	.025	.122	.070	.023	
2.0	.159	.087	.027	.152	.084	.026	.140	.078	.024	.129	.072	.023	.119	.067	.021	
3.0	.150	.080	.024	.144	.077	.023	.134	.072	.022	.124	.068	.021	.115	.064	.020	
4.0	.141	.073	.022	.136	.071	.021	.127	.068	.020	.119	.064	.019	.111	.060	.018	
5.0	.134	.068	.020	.130	.067	.019	.122	.063	.019	.114	.060	.018	.107	.057	.017	
6.0	.127	.064	.018	.123	.062	.018	.116	.060	.017	.110	.057	.017	.104	.055	.016	
7.0	.121	.060	.017	.118	.059	.017	.111	.056	.016	.106	.054	.016	.100	.052	.015	
8.0	.115	.056	.016	.112	.055	.016	.107	.053	.015	.102	.051	.015	.097	.050	.014	
9.0	.110	.053	.015	.108	.052	.015	.103	.051	.014	.098	.049	.014	.093	.047	.014	
10.0	.106	.051	.014	.103	.050	.014	.099	.048	.014	.094	.047	.013	.090	.045	.013	

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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023		
1.0	.195	.181	.170	.166	.156	.146	.114	.107	.101	.066	.062	.059	.021	.020	.019		
2.0	.179	.157	.138	.153	.135	.120	.105	.093	.083	.060	.054	.049	.019	.018	.016		
3.0	.166	.138	.116	.142	.119	.100	.097	.083	.070	.056	.048	.041	.018	.016	.014		
4.0	.155	.123	.099	.133	.106	.086	.091	.074	.060	.053	.043	.036	.017	.014	.012		
5.0	.145	.111	.086	.125	.096	.075	.086	.067	.053	.050	.039	.031	.016	.013	.010		
6.0	.138	.102	.076	.118	.088	.066	.082	.062	.047	.047	.036	.028	.015	.012	.009		
7.0	.131	.094	.068	.112	.082	.060	.078	.057	.042	.045	.034	.025	.015	.011	.008		
8.0	.125	.088	.062	.107	.076	.054	.074	.053	.039	.043	.032	.023	.014	.010	.008		
9.0	.119	.082	.057	.103	.072	.050	.071	.050	.036	.041	.030	.021	.013	.010	.007		
10.0	.115	.078	.053	.099	.068	.047	.069	.048	.033	.040	.028	.020	.013	.009	.007		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LYH  
 Test Date:2024-07-17

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity:65.0%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

## Uncorrected UGR Table

Test:U:12.00V I:3.013A P:36.15W PF:1.000    Lamp Flux:2781.77x1 lm											
NAME: AW01-12V-3535-18-3000K-A-40						TYPE:		WEIGHT:			
DIM.: Length=1m						SPEC.:		SERIAL No.:			
MFR.:						SUR.:		PROTECTION 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		14.0	14.8	14.3	15.0	15.3	14.2	15.0	14.4	15.2	15.4
	3H	14.0	14.7	14.3	15.0	15.2	14.1	14.9	14.4	15.1	15.4
	4H	14.0	14.7	14.3	15.0	15.3	14.2	14.9	14.5	15.1	15.4
	6H	14.2	14.9	14.5	15.2	15.5	14.3	15.0	14.7	15.3	15.6
	8H	14.4	15.0	14.7	15.3	15.6	14.5	15.1	14.8	15.4	15.8
	12H	14.6	15.3	15.0	15.6	15.9	14.7	15.4	15.1	15.7	16.0
4H	2H	13.8	14.5	14.1	14.8	15.1	14.0	14.7	14.3	14.9	15.2
	3H	13.8	14.4	14.2	14.8	15.1	14.0	14.6	14.3	14.9	15.2
	4H	13.9	14.5	14.3	14.9	15.2	14.1	14.7	14.5	15.0	15.4
	6H	14.3	14.8	14.7	15.2	15.6	14.4	14.9	14.8	15.3	15.7
	8H	14.6	15.1	15.0	15.5	15.9	14.7	15.2	15.1	15.6	16.0
	12H	15.1	15.5	15.5	15.9	16.4	15.2	15.6	15.6	16.0	16.5
8H	4H	13.9	14.4	14.4	14.8	15.2	14.1	14.5	14.5	14.9	15.4
	6H	14.5	14.8	14.9	15.3	15.8	14.6	15.0	15.0	15.4	15.9
	8H	14.9	15.3	15.4	15.7	16.2	15.0	15.4	15.5	15.8	16.3
	12H	15.7	15.9	16.2	16.4	17.0	15.7	16.0	16.2	16.5	17.1
12H	4H	13.9	14.4	14.4	14.8	15.2	14.1	14.5	14.5	14.9	15.4
	6H	14.5	14.9	15.0	15.3	15.8	14.6	15.0	15.1	15.4	15.9
	8H	15.1	15.4	15.6	15.9	16.4	15.2	15.5	15.7	16.0	16.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 2.5					+ 1.7 / - 2.4					
1.5H	+ 3.4 / - 2.5					+ 3.0 / - 2.6					
2.0H	+ 3.1 / - 1.1					+ 3.2 / - 1.2					

CIE Pub.117 Corrected 2782 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.6)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-17

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

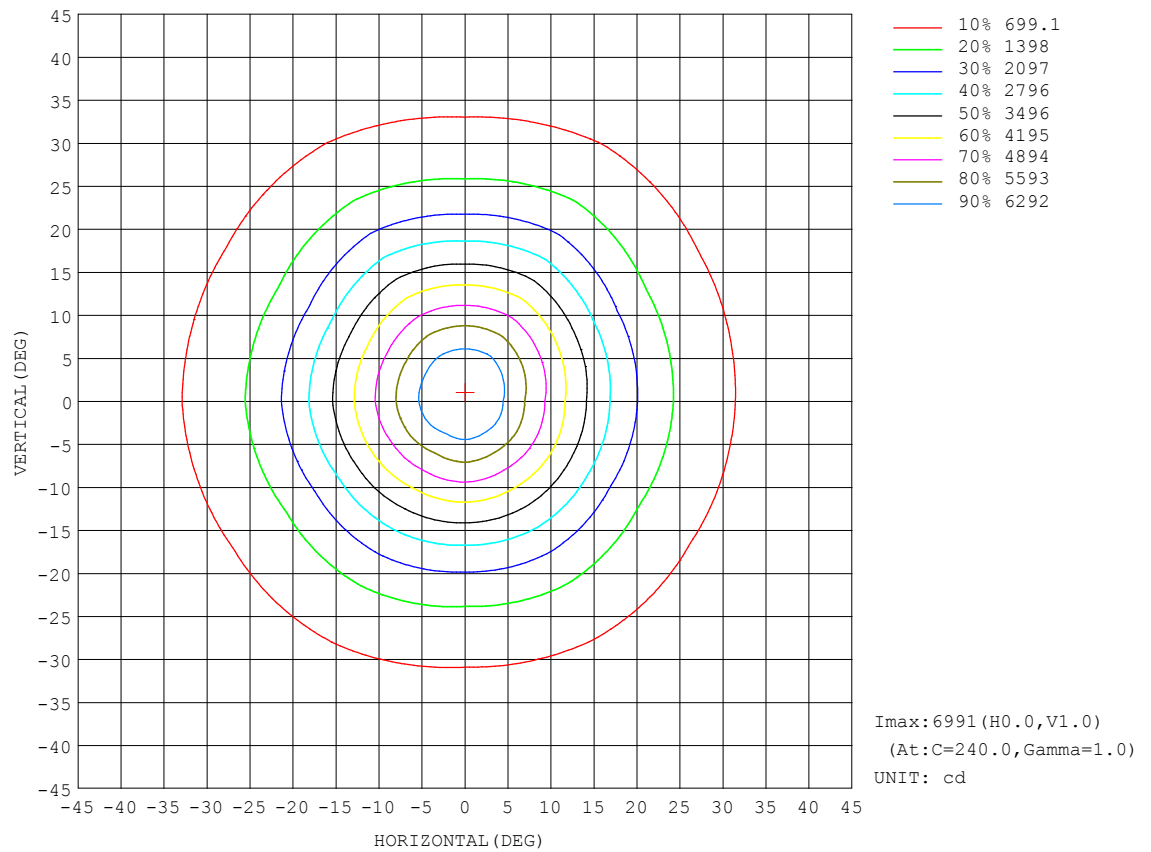
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	78	75	84	78	74	71
0.80	93	87	83	92	86	83	90	85	82	78
1.00	97	92	88	96	91	87	94	91	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	105	101	98	102	99	97	91
2.50	109	105	102	107	103	101	103	101	98	92
3.00	110	107	104	108	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	102	94
5.00	114	111	109	111	109	108	107	105	104	95
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

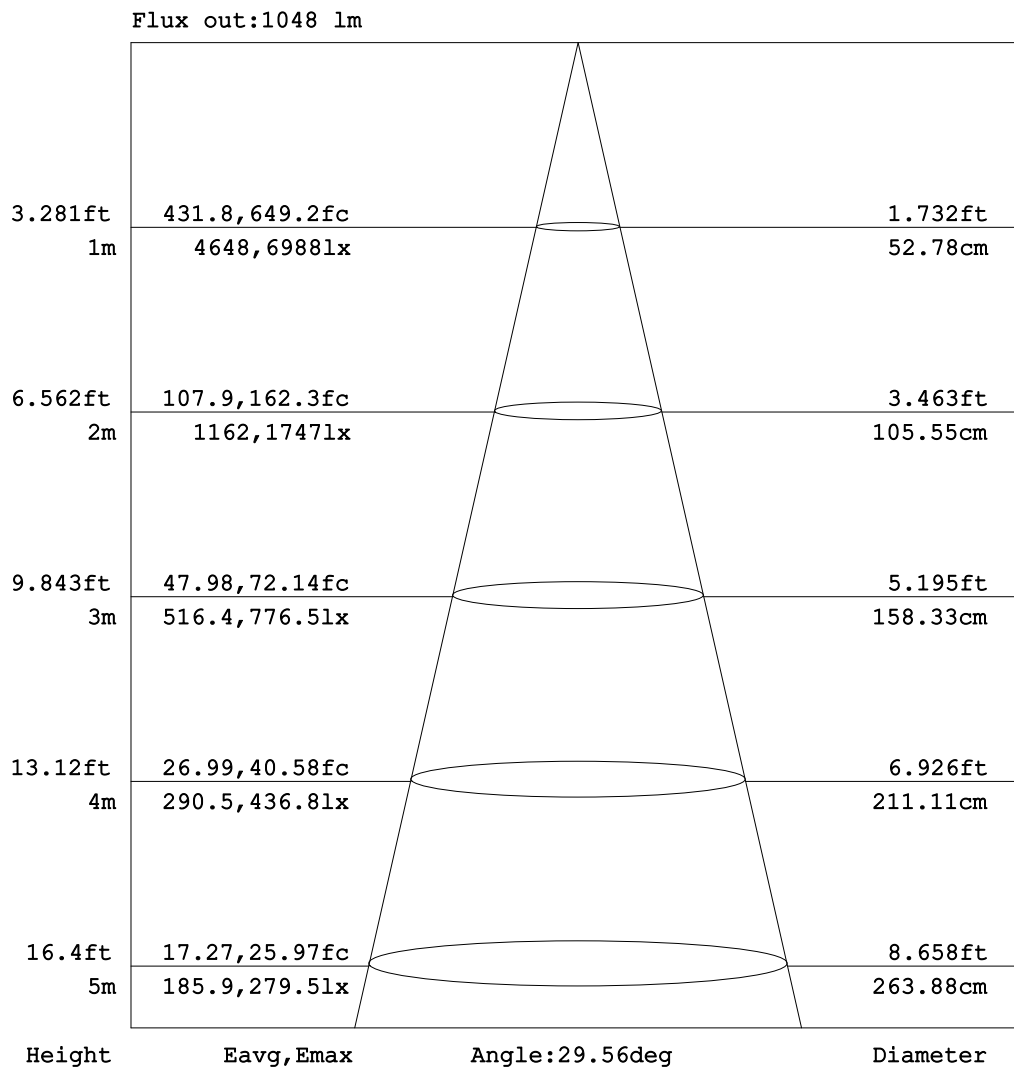


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

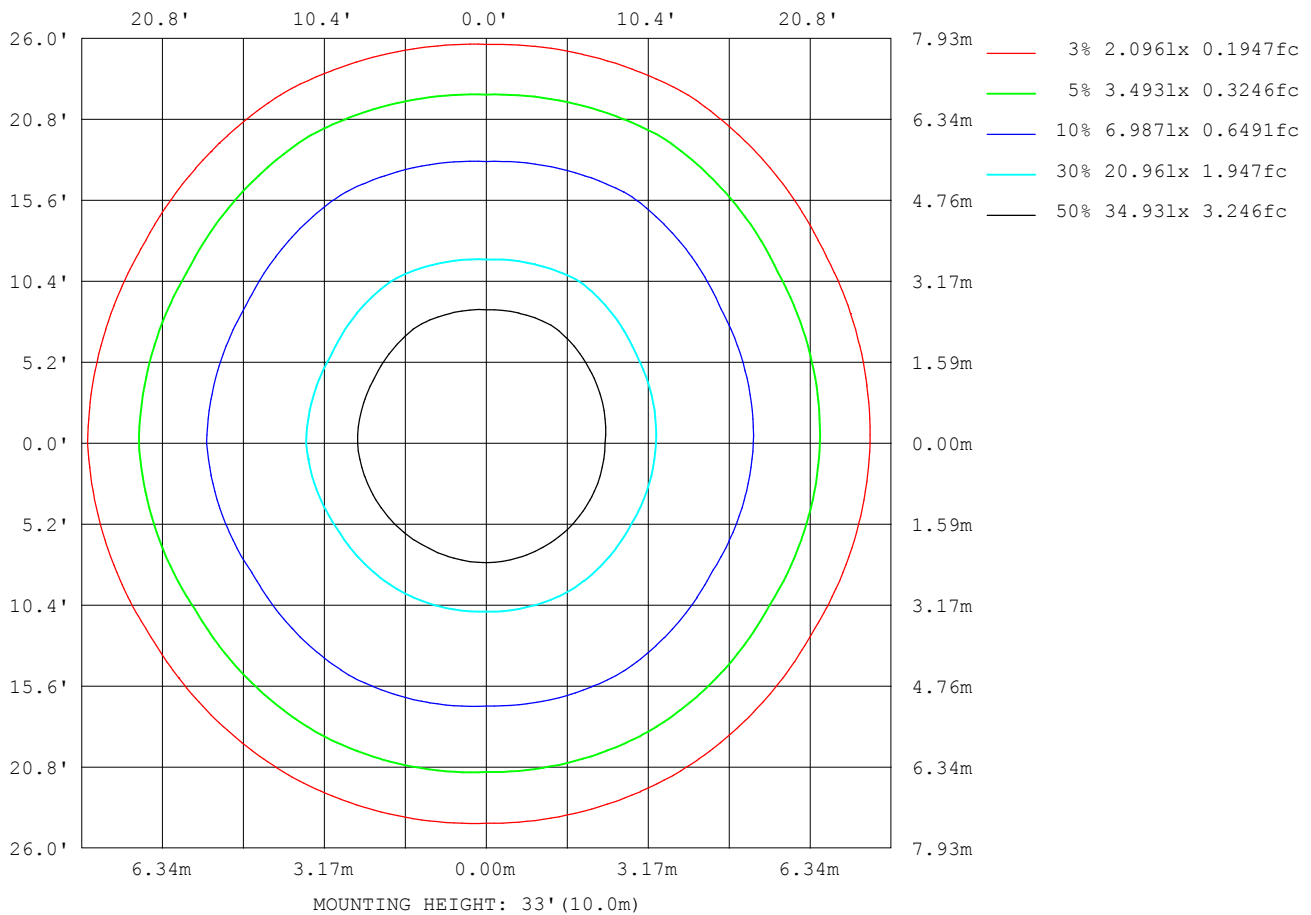
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:



## ISOLUX DIAGRAM

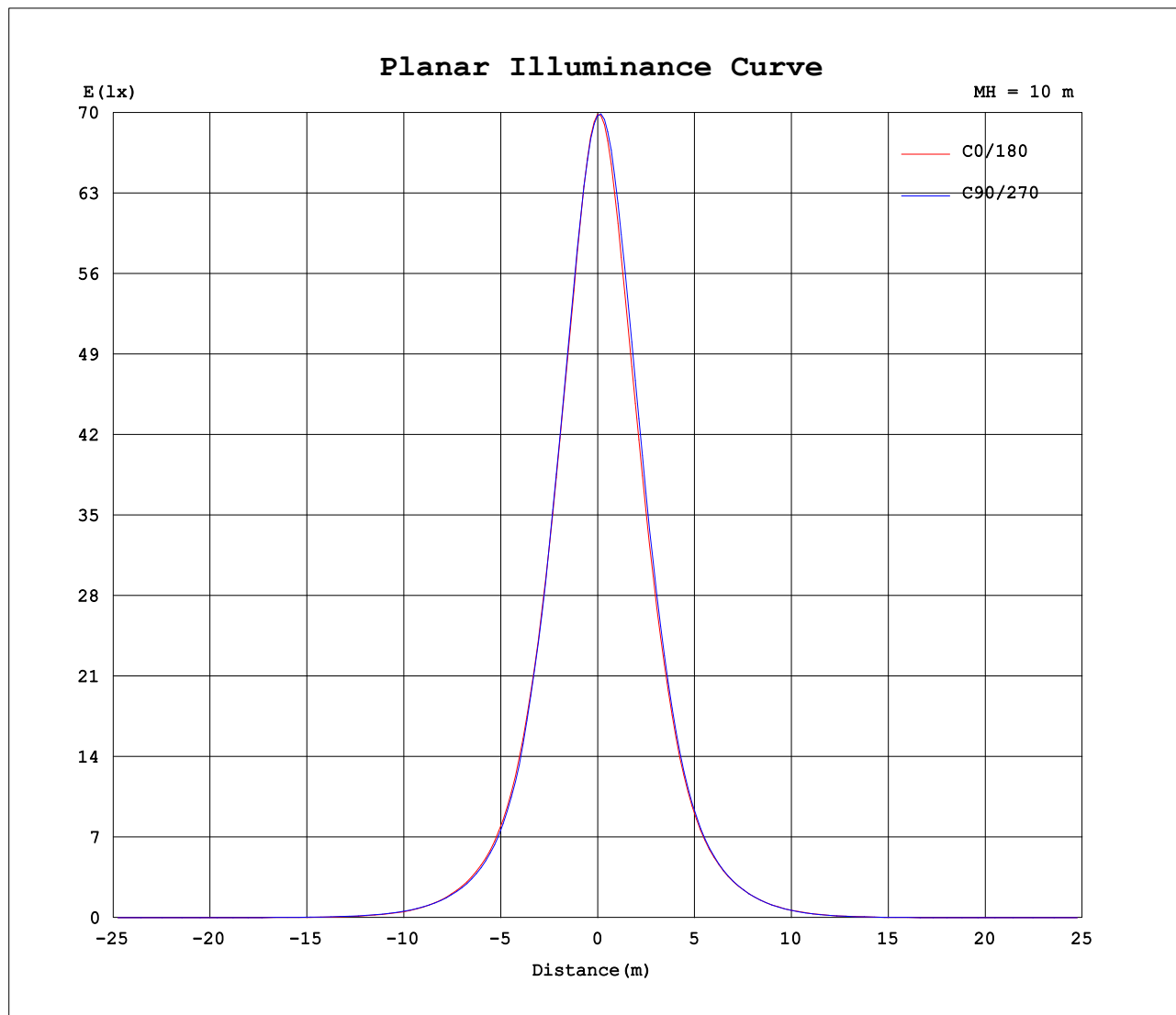
Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:3.013A P:36.15W PF:1.000 Lamp Flux:2781.77x1 lm		
NAME: AW01-12V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	6982	6982	6972	6974	6963	6967	6982	6982	6972	6974	6963	6967							
5	6150	6149	6120	6167	6136	6281	6382	6415	6528	6534	6522	6326							
10	4688	4681	4659	4713	4709	4822	5016	5075	5228	5239	5218	4940							
15	3272	3212	3256	3244	3319	3388	3601	3604	3839	3751	3796	3468							
20	2111	2002	2108	2066	2157	2154	2377	2316	2587	2460	2548	2198							
25	1295	1196	1291	1247	1330	1306	1475	1429	1624	1518	1598	1340							
30	799	743	786	764	817	811	915	889	994	933	980	832							
35	499	463	484	476	505	509	573	559	614	579	603	521							
40	291	275	288	288	302	308	344	337	364	342	352	308							
45	151	149	156	162	167	171	186	182	190	181	184	161							
50	70.2	72.1	76.1	82.1	81.6	83.8	85.1	82.4	85.1	81.2	82.4	73.6							
55	31.9	33.1	35.1	37.9	36.7	36.8	32.4	31.2	31.9	31.5	32.4	29.3							
60	17.9	18.2	19.0	20.1	19.3	18.9	12.0	11.2	11.6	11.6	12.2	11.4							
65	13.4	13.4	13.9	14.2	14.0	13.6	5.15	4.76	4.87	4.93	5.19	4.88							
70	12.1	12.0	12.3	12.4	12.4	12.1	2.67	2.72	2.50	2.54	2.57	2.75							
75	11.8	11.7	11.8	11.8	11.9	11.9	1.85	1.94	1.87	1.88	1.88	1.94							
80	11.8	11.7	11.7	11.7	11.9	11.8	1.88	1.86	1.90	1.91	1.94	1.89							
85	11.5	11.4	11.5	11.6	11.7	11.6	2.06	1.99	2.13	2.25	2.18	2.05							
90	11.1	11.0	11.1	11.2	11.3	11.2	2.42	2.40	2.57	2.61	2.63	2.50							
95	10.7	10.7	10.8	10.9	11.0	10.9	3.11	3.08	3.25	3.30	3.31	3.21							
100	10.4	10.4	10.7	10.8	10.8	10.5	3.95	3.92	4.09	4.16	4.16	4.07							
105	10.2	10.4	10.6	10.8	10.7	10.4	4.96	4.95	5.13	5.22	5.21	5.13							
110	10.3	10.5	10.8	11.1	10.8	10.5	6.18	6.19	6.40	6.57	6.50	6.41							
115	10.8	11.1	11.5	11.7	11.4	11.0	7.75	7.78	8.01	8.23	8.11	8.05							
120	11.7	12.1	12.6	12.9	12.6	11.9	9.72	9.74	9.96	10.1	10.1	10.0							
125	13.3	13.7	14.3	14.6	14.3	13.5	12.1	12.1	12.2	12.4	12.3	12.4							
130	15.6	15.9	16.5	16.8	16.5	15.7	14.7	14.7	14.7	14.7	14.8	14.9							
135	18.3	18.6	19.0	19.2	19.1	18.4	17.3	17.2	17.0	17.1	17.1	17.4							
140	21.2	21.4	21.6	21.7	21.7	21.2	19.5	19.4	19.2	19.2	19.2	19.5							
145	24.0	24.1	24.0	23.9	24.2	24.0	21.2	21.2	21.0	20.9	20.9	21.2							
150	26.4	26.3	25.9	25.8	26.2	26.4	22.5	22.5	22.4	22.1	22.2	22.4							
155	28.0	27.9	27.1	27.0	27.6	28.1	23.5	23.5	23.4	23.1	23.0	23.3							
160	28.8	28.5	27.6	27.7	28.3	29.1	24.1	24.3	24.2	23.7	23.5	23.7							
165	28.8	28.3	27.6	27.8	28.5	29.1	24.6	24.7	24.8	24.3	23.9	24.0							
170	28.1	27.5	27.3	27.7	28.3	28.5	25.0	25.1	25.4	25.1	24.5	24.3							
175	27.2	26.8	27.2	27.6	27.8	27.6	25.6	25.6	26.2	26.1	25.6	25.0							
180	26.6	26.5	27.1	27.3	27.1	26.7	26.6	26.5	27.0	27.3	27.1	26.6							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	6982	6982	6972	6974	6963	6967	6982	6982	6972	6974
3.0	6627	6625	6582	6616	6589	6668	6780	6794	6858	6861
6.0	5871	5875	5842	5903	5869	6035	6138	6170	6301	6312
9.0	4978	4987	4955	5024	4997	5119	5307	5360	5525	5527
12.0	4088	4091	4076	4122	4118	4271	4440	4482	4684	4637
15.0	3272	3212	3256	3244	3319	3388	3601	3604	3839	3751
18.0	2531	2435	2534	2508	2570	2597	2833	2809	3068	2948
21.0	1915	1809	1920	1860	1973	1945	2168	2113	2353	2241
24.0	1433	1323	1428	1378	1466	1438	1625	1572	1792	1672
27.0	1065	981.4	1057	1012	1097	1067	1213	1180	1329	1249
30.0	798.8	742.8	785.7	763.9	817.5	811.0	914.8	889.2	993.7	933.0
33.0	603.7	561.0	586.5	575.4	614.3	614.0	692.6	672.9	745.3	700.2
36.0	450.9	419.9	438.2	431.9	458.6	462.5	520.8	508.0	555.6	524.6
39.0	325.5	306.6	320.9	319.9	337.7	342.6	385.1	374.6	408.4	382.5
42.0	228.6	218.1	229.3	231.7	243.0	247.1	272.4	266.7	283.5	268.1
45.0	151.3	149.0	156.4	162.0	166.5	171.4	185.9	182.4	190.3	181.3
48.0	96.64	97.86	102.8	109.6	110.5	113.8	119.3	115.4	120.1	113.7
51.0	59.64	61.66	65.06	70.63	69.95	71.33	71.29	68.82	70.96	67.74
54.0	36.94	38.43	40.56	44.46	42.93	43.67	39.83	38.52	39.42	38.43
57.0	24.41	25.21	26.50	28.74	27.14	27.50	21.52	20.58	21.12	21.04
60.0	17.94	18.15	19.04	20.06	19.29	18.94	11.97	11.17	11.57	11.64
63.0	14.59	14.68	15.24	15.74	15.26	14.93	7.060	6.549	6.732	6.877
66.0	12.99	12.98	13.40	13.61	13.47	13.12	4.449	4.120	4.190	4.246
69.0	12.25	12.18	12.47	12.61	12.58	12.30	2.987	2.936	2.792	2.836
72.0	11.90	11.79	11.97	12.06	12.11	11.91	2.169	2.305	2.081	2.122
75.0	11.83	11.72	11.78	11.80	11.95	11.85	1.849	1.938	1.874	1.881
78.0	11.84	11.71	11.77	11.76	11.94	11.85	1.862	1.874	1.887	1.868
81.0	11.79	11.65	11.67	11.72	11.88	11.81	1.906	1.855	1.931	1.968
84.0	11.62	11.46	11.52	11.66	11.76	11.69	2.007	1.924	2.083	2.246
87.0	11.36	11.23	11.33	11.39	11.57	11.50	2.159	2.113	2.285	2.328
90.0	11.10	10.99	11.11	11.17	11.34	11.24	2.424	2.397	2.570	2.611
93.0	10.87	10.77	10.94	11.02	11.15	11.03	2.816	2.788	2.955	3.003
96.0	10.64	10.59	10.79	10.87	10.97	10.81	3.264	3.248	3.409	3.456
99.0	10.45	10.43	10.68	10.76	10.82	10.60	3.775	3.740	3.908	3.961
102.0	10.31	10.37	10.62	10.76	10.70	10.43	4.325	4.308	4.476	4.561
105.0	10.24	10.38	10.61	10.78	10.66	10.40	4.956	4.952	5.126	5.223
108.0	10.24	10.44	10.66	10.90	10.67	10.42	5.657	5.658	5.853	5.973
111.0	10.34	10.61	10.91	11.16	10.89	10.56	6.471	6.484	6.698	6.863
114.0	10.62	10.92	11.30	11.56	11.27	10.84	7.399	7.437	7.664	7.847
117.0	11.08	11.39	11.85	12.15	11.82	11.30	8.492	8.502	8.738	8.969
120.0	11.72	12.07	12.60	12.90	12.59	11.93	9.722	9.739	9.962	10.14
123.0	12.62	12.93	13.58	13.88	13.56	12.82	11.10	11.11	11.28	11.49
126.0	13.74	14.09	14.72	15.02	14.71	13.94	12.61	12.58	12.69	12.85
129.0	15.06	15.38	16.02	16.30	16.03	15.22	14.19	14.14	14.16	14.28
132.0	16.61	16.89	17.49	17.75	17.51	16.74	15.76	15.68	15.63	15.71
135.0	18.27	18.58	19.02	19.24	19.06	18.39	17.26	17.17	17.05	17.07
138.0	20.03	20.28	20.60	20.72	20.65	20.08	18.63	18.54	18.37	18.36
141.0	21.78	21.96	22.12	22.17	22.21	21.77	19.86	19.76	19.61	19.53
144.0	23.48	23.55	23.56	23.53	23.69	23.45	20.91	20.83	20.69	20.55
147.0	25.01	25.05	24.83	24.73	25.02	24.97	21.78	21.74	21.62	21.41
150.0	26.36	26.29	25.89	25.76	26.16	26.35	22.52	22.52	22.41	22.15
153.0	27.47	27.36	26.70	26.59	27.09	27.51	23.12	23.16	23.07	22.73
156.0	28.26	28.07	27.26	27.19	27.77	28.35	23.63	23.70	23.62	23.21
159.0	28.73	28.48	27.56	27.58	28.21	28.94	24.04	24.15	24.06	23.59
162.0	28.87	28.49	27.62	27.80	28.42	29.16	24.35	24.48	24.45	23.94
165.0	28.79	28.28	27.59	27.80	28.46	29.11	24.62	24.73	24.77	24.31
168.0	28.42	27.85	27.43	27.76	28.38	28.80	24.85	24.96	25.14	24.74
171.0	27.94	27.37	27.30	27.69	28.17	28.32	25.12	25.20	25.53	25.27
174.0	27.40	26.95	27.21	27.61	27.92	27.77	25.43	25.51	26.01	25.89
177.0	26.95	26.68	27.17	27.51	27.58	27.19	25.93	25.96	26.57	26.60
180.0	26.60	26.53	27.08	27.29	27.11	26.65	26.57	26.51	27.03	27.28
G/C	300.0	330.0								
0.0	6963	6967								
3.0	6854	6746								
6.0	6300	6079								
9.0	5505	5243								
12.0	4638	4341								
15.0	3796	3468								
18.0	3013	2673								
21.0	2330	2001								
24.0	1759	1480								
27.0	1313	1104								
30.0	979.6	831.5								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-17

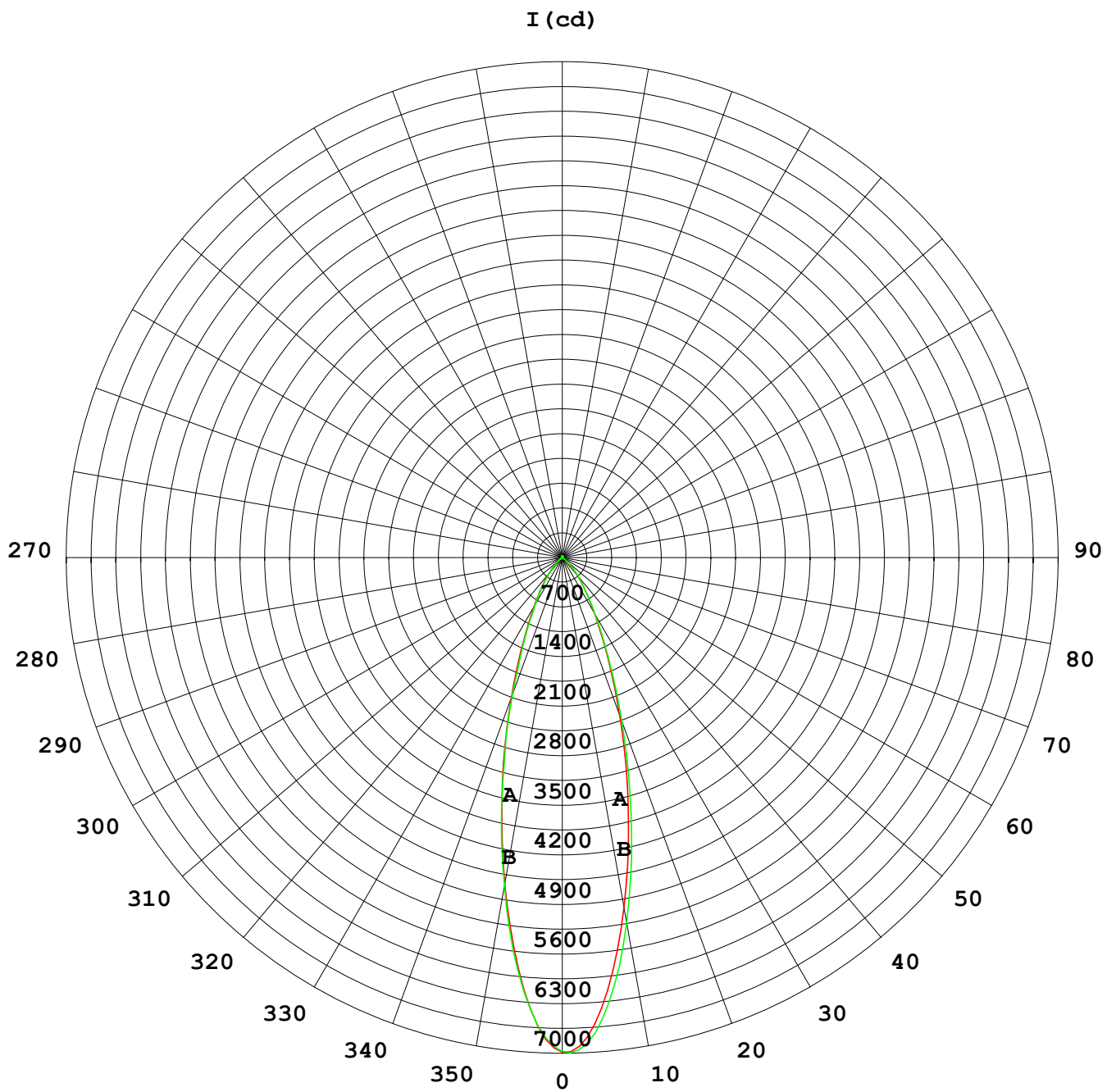
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	734.0	628.8
36.0	545.2	472.4
39.0	397.5	344.1
42.0	275.2	241.1
45.0	184.3	161.4
48.0	116.2	102.5
51.0	68.98	61.74
54.0	39.16	35.60
57.0	21.79	20.04
60.0	12.25	11.35
63.0	7.205	6.758
66.0	4.429	4.227
69.0	2.893	3.006
72.0	2.112	2.280
75.0	1.880	1.938
78.0	1.918	1.893
81.0	1.969	1.893
84.0	2.115	2.000
87.0	2.336	2.202
90.0	2.626	2.498
93.0	3.018	2.902
96.0	3.472	3.368
99.0	3.977	3.879
102.0	4.558	4.466
105.0	5.209	5.135
108.0	5.947	5.860
111.0	6.799	6.711
114.0	7.778	7.689
117.0	8.852	8.774
120.0	10.08	10.04
123.0	11.40	11.43
126.0	12.81	12.89
129.0	14.27	14.45
132.0	15.72	15.97
135.0	17.12	17.42
138.0	18.41	18.75
141.0	19.60	19.92
144.0	20.62	20.92
147.0	21.48	21.75
150.0	22.18	22.44
153.0	22.73	22.97
156.0	23.15	23.38
159.0	23.44	23.66
162.0	23.66	23.85
165.0	23.90	23.98
168.0	24.22	24.13
171.0	24.69	24.37
174.0	25.35	24.83
177.0	26.20	25.62
180.0	27.11	26.57

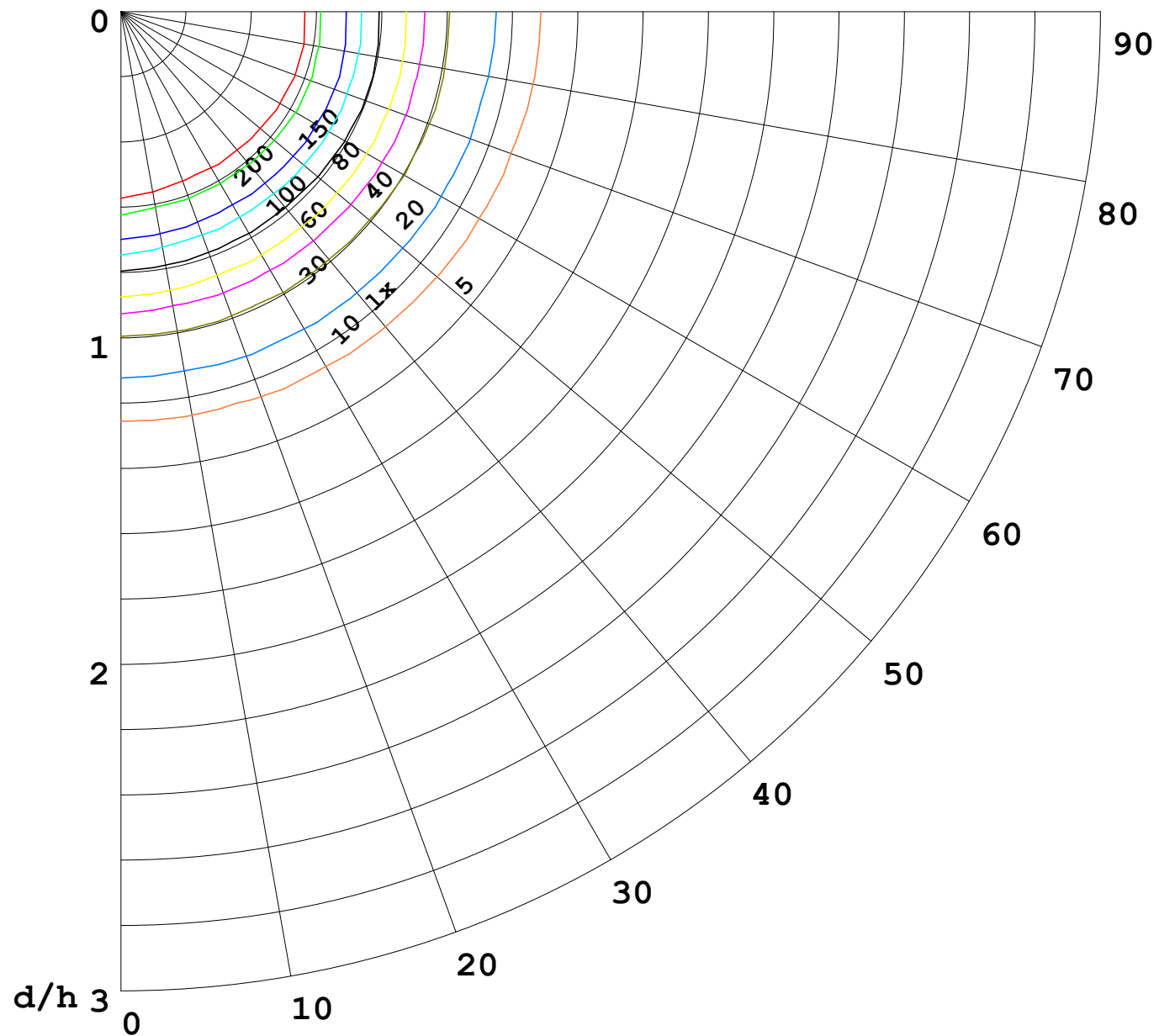
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-17

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:



1000 lm

$\kappa = 1$



F = 5000 lm  
 K = 0.7  
 Hcc = 0.0 m  
 Hfc = 0.0 m  
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

