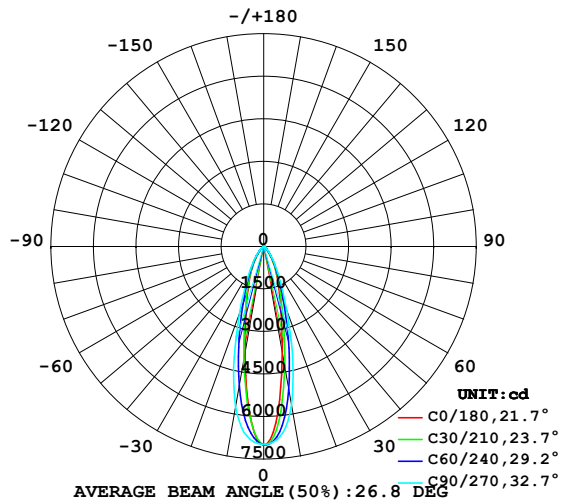


## LUMINAIRE PHOTOMETRIC TEST REPORT

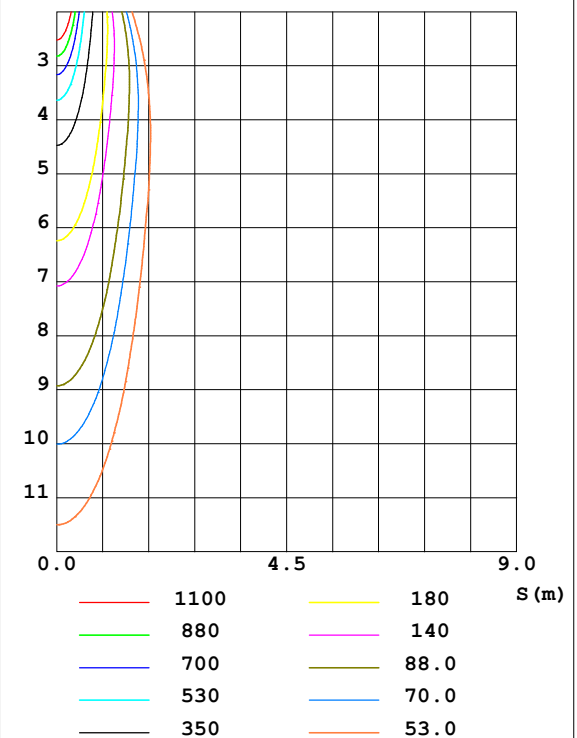
Test:U:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.06 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	7011	S/MH (C0/180)	0.36
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.54
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2629.2	η UP, DN (C0-180)	1.8, 47.8
NOMINAL FLUX (lm)	2629.15	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 49.1
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	96.9	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



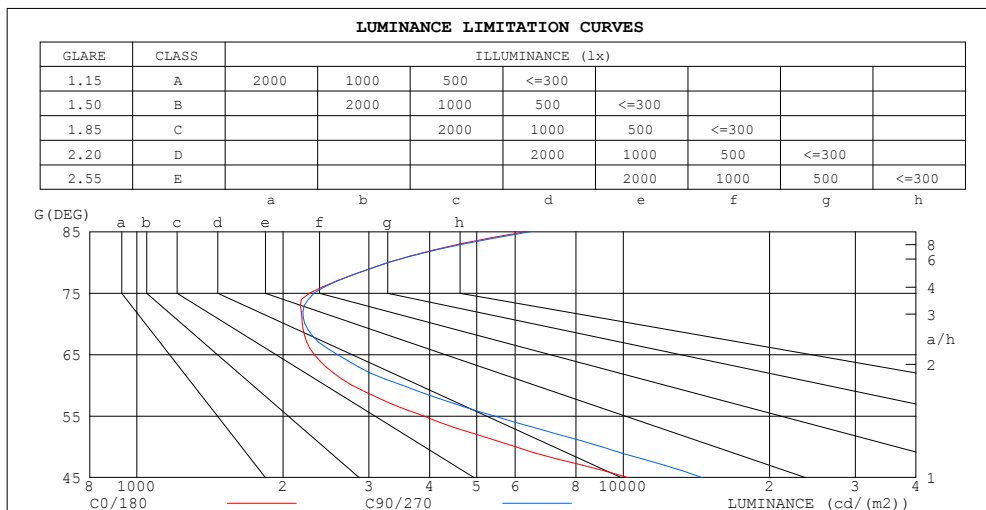
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-16

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	3777	4707	5665	4459	3821	4525	5731	4819	0- 10	545.8	545.8	20.8,20.8
20	1590	1901	2378	1842	1648	1931	2487	2017	10- 20	853.3	1399	53.2,53.2
30	730.2	791.9	884.0	788.6	764.3	827.3	938.0	851.4	20- 30	588.3	1987	75.6,75.6
40	272.2	306.3	343.6	310.5	290.7	327.1	367.0	333.8	30- 40	331.3	2319	88.2,88.2
50	77.04	94.71	115.8	99.71	83.67	98.87	114.6	100.1	40- 50	146.2	2465	93.8,93.8
60	27.71	30.93	35.12	31.52	22.79	24.38	27.37	25.37	50- 60	49.17	2514	95.6,95.6
70	14.98	15.20	15.17	15.16	6.462	6.175	5.862	6.506	60- 70	17.35	2531	96.3,96.3
80	11.46	11.36	11.45	11.57	2.092	2.277	2.506	2.360	70- 80	8.346	2540	96.6,96.6
90	10.45	10.43	10.59	10.67	2.348	2.570	2.780	2.574	80- 90	7.316	2547	96.9,96.9
100	9.751	10.02	10.27	10.03	3.841	4.037	4.252	4.018	90-100	7.357	2554	97.2,97.2
110	9.712	10.16	10.58	10.05	5.895	6.247	6.623	6.186	100-110	7.966	2562	97.5,97.5
120	10.76	11.49	12.27	11.52	9.003	9.620	10.04	9.487	110-120	9.143	2572	97.8,97.8
130	14.09	14.84	15.67	15.10	14.09	14.21	14.22	14.02	120-130	11.09	2583	98.2,98.2
140	19.70	19.72	19.95	20.07	18.66	18.42	18.11	18.24	130-140	13.01	2596	98.7,98.7
150	24.61	24.14	23.65	24.58	21.16	21.24	20.77	20.91	140-150	13.15	2609	99.2,99.2
160	27.42	26.35	25.55	26.98	22.74	22.93	22.14	22.16	150-160	10.97	2620	99.6,99.6
170	26.82	25.78	25.83	26.69	23.76	23.96	23.49	22.64	160-170	7.023	2627	99.9,99.9
180	24.50	25.06	25.58	24.86	24.45	25.03	25.54	24.82	170-180	2.367	2629	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6330	6474
80	3300	3296
75	2271	2317
70	2190	2218
65	2317	2584
60	2771	3512
55	3885	5428
50	5993	9008
45	10266	14555

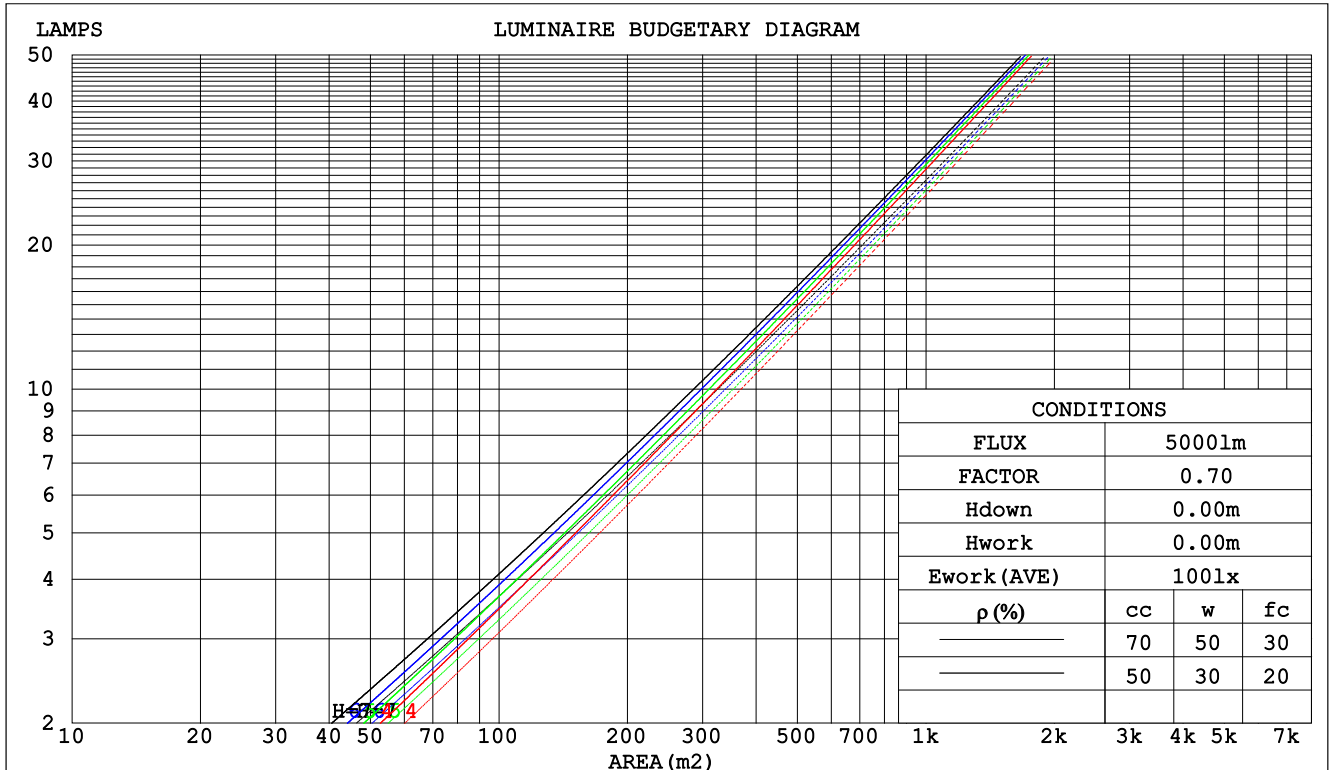
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-16

$\gamma$  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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	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						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	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.97	.92	.89	.95	.91	.88	.92	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.79	.76	.74	.72
6.0	.82	.76	.73	.81	.76	.72	.79	.75	.72	.78	.74	.71	.76	.73	.70	.69
7.0	.78	.72	.69	.77	.72	.68	.76	.71	.68	.74	.70	.67	.73	.69	.67	.65
8.0	.74	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.70	.66	.64	.62
9.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60
10.0	.68	.63	.59	.67	.63	.59	.66	.62	.59	.66	.61	.59	.65	.61	.58	.57



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-16

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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm					
NAME: AW01-24V-3535-18-3000K-A-2545			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	.172	.098	.031	.164	.094	.030	.150	.086	.027	.136	.079	.025	.124	.072	.023		
2.0	.162	.089	.027	.155	.085	.026	.143	.080	.025	.132	.074	.023	.121	.069	.022		
3.0	.152	.081	.024	.147	.079	.024	.136	.074	.022	.127	.069	.021	.118	.065	.020		
4.0	.144	.075	.022	.139	.073	.022	.130	.069	.021	.122	.065	.020	.114	.062	.019		
5.0	.136	.069	.020	.132	.068	.020	.124	.065	.019	.117	.061	.018	.110	.059	.018		
6.0	.129	.065	.019	.125	.063	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017		
7.0	.123	.061	.017	.119	.060	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016		
8.0	.117	.057	.016	.114	.056	.016	.108	.054	.015	.103	.052	.015	.098	.050	.015		
9.0	.112	.054	.015	.109	.053	.015	.104	.051	.015	.099	.050	.014	.095	.048	.014		
10.0	.107	.051	.014	.104	.050	.014	.100	.049	.014	.095	.047	.013	.091	.046	.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	.169	.167	.156	.146	.114	.107	.101	.066	.062	.059	.021	.020	.019	
2.0	.179	.157	.138	.153	.135	.119	.105	.093	.083	.061	.054	.049	.019	.018	.016	
3.0	.166	.138	.115	.142	.119	.100	.098	.083	.070	.056	.048	.041	.018	.016	.014	
4.0	.155	.123	.098	.133	.106	.085	.092	.074	.060	.053	.043	.036	.017	.014	.012	
5.0	.146	.111	.086	.125	.096	.075	.086	.067	.053	.050	.039	.031	.016	.013	.010	
6.0	.138	.102	.076	.119	.088	.066	.082	.062	.047	.048	.036	.028	.015	.012	.009	
7.0	.131	.094	.068	.113	.082	.059	.078	.057	.042	.045	.034	.025	.015	.011	.008	
8.0	.125	.088	.062	.108	.076	.054	.075	.053	.038	.043	.032	.023	.014	.010	.008	
9.0	.120	.083	.057	.103	.072	.050	.072	.050	.035	.042	.030	.021	.014	.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:2024-07-16

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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm											
NAME: AW01-24V-3535-18-3000K-A-2545					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		14.6	15.4	14.8	15.6	15.8	15.6	16.5	15.9	16.7	16.9
	3H	14.6	15.4	14.9	15.6	15.9	15.6	16.4	15.9	16.6	16.9
	4H	14.6	15.4	15.0	15.6	15.9	15.6	16.3	15.9	16.6	16.9
	6H	14.8	15.5	15.1	15.7	16.1	15.7	16.4	16.0	16.7	17.0
	8H	14.9	15.6	15.3	15.9	16.2	15.8	16.4	16.1	16.8	17.1
	12H	15.1	15.8	15.5	16.1	16.4	16.0	16.6	16.3	16.9	17.2
4H	2H	14.5	15.2	14.8	15.5	15.7	15.5	16.2	15.8	16.5	16.7
	3H	14.5	15.2	14.9	15.5	15.8	15.5	16.1	15.9	16.4	16.8
	4H	14.7	15.2	15.0	15.6	15.9	15.5	16.1	15.9	16.5	16.8
	6H	14.9	15.4	15.3	15.8	16.2	15.7	16.2	16.2	16.6	17.0
	8H	15.2	15.6	15.6	16.0	16.5	15.9	16.4	16.4	16.8	17.2
	12H	15.5	16.0	16.0	16.4	16.9	16.2	16.7	16.7	17.1	17.5
8H	4H	14.6	15.1	15.1	15.5	15.9	15.5	16.0	15.9	16.4	16.8
	6H	15.0	15.4	15.5	15.9	16.4	15.8	16.2	16.3	16.6	17.1
	8H	15.4	15.8	15.9	16.2	16.8	16.1	16.5	16.6	16.9	17.4
	12H	16.0	16.3	16.6	16.8	17.4	16.6	16.9	17.1	17.4	17.9
12H	4H	14.6	15.0	15.1	15.5	15.9	15.5	15.9	15.9	16.3	16.8
	6H	15.1	15.4	15.6	15.9	16.4	15.8	16.2	16.3	16.6	17.1
	8H	15.6	15.9	16.1	16.3	16.9	16.2	16.5	16.7	17.0	17.5
Variations with the observer position at spacings:											
S = 1.0H	+ 1.5 / - 2.3					+ 1.8 / - 2.6					
1.5H	+ 2.7 / - 2.1					+ 3.1 / - 2.6					
2.0H	+ 2.5 / - 1.2					+ 3.5 / - 1.8					

CIE Pub.117 Corrected 2629 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.4)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-16

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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

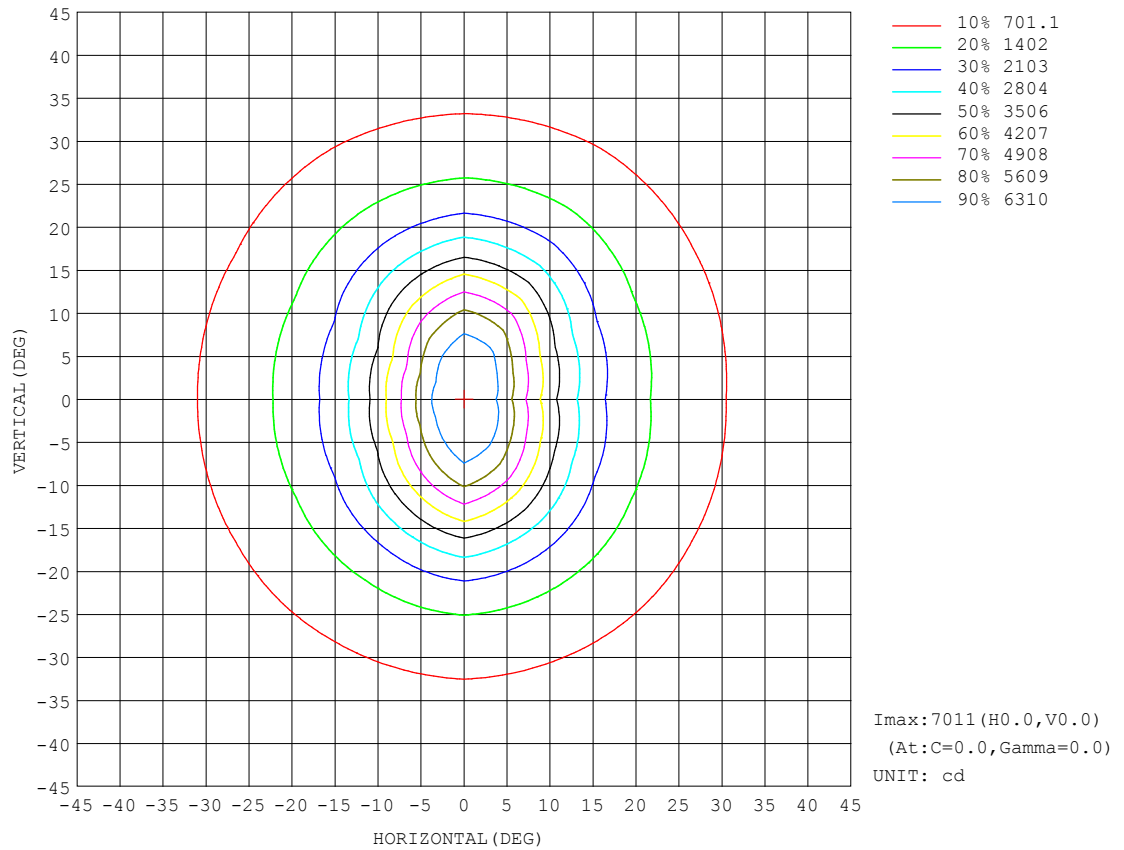
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	83	77	73	83	77	73	69
0.80	92	86	82	91	85	81	90	84	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	92	100	95	91	97	93	90	85
1.50	104	99	95	102	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	107	104	108	105	102	104	102	100	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	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: 2024-07-16

$\gamma$  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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

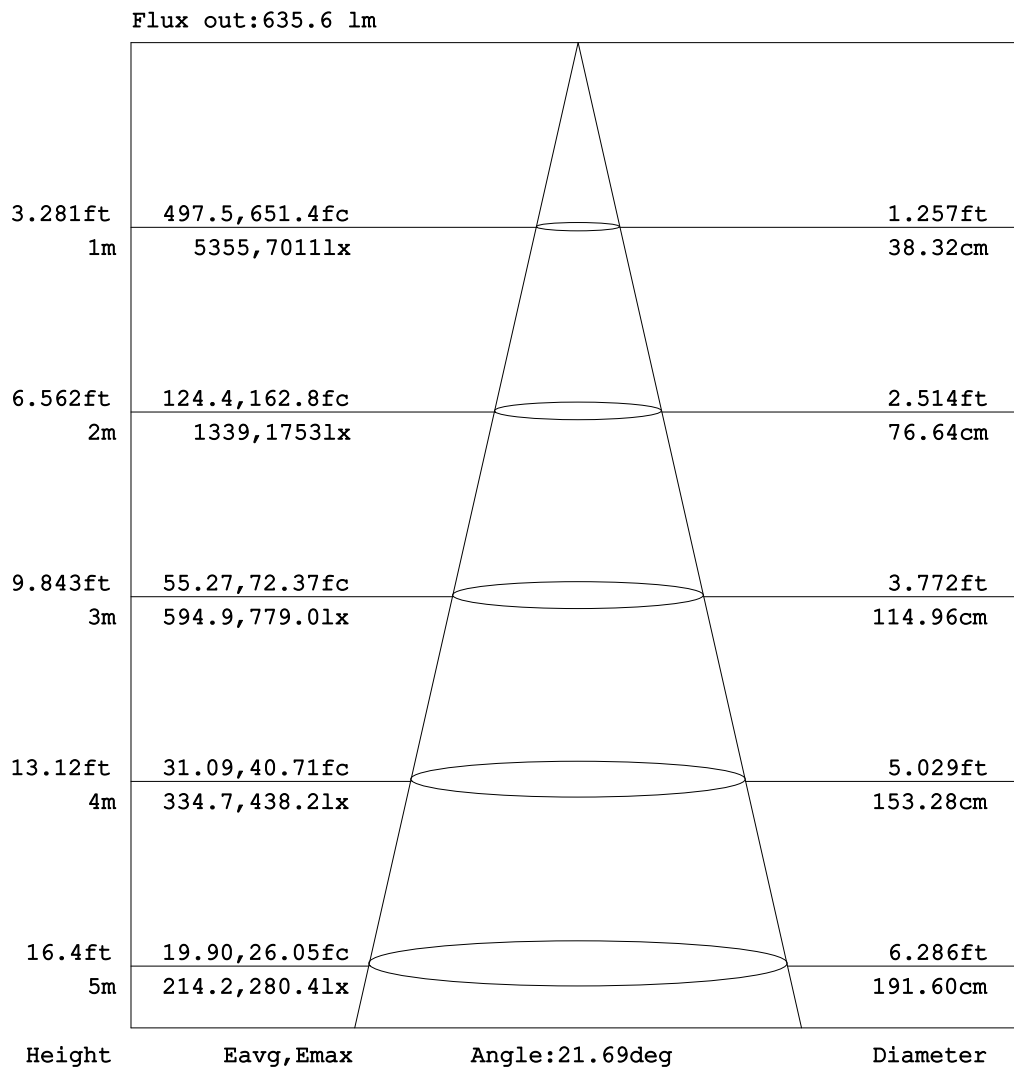


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-16

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:

## AAI Figure

Test:U:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	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.

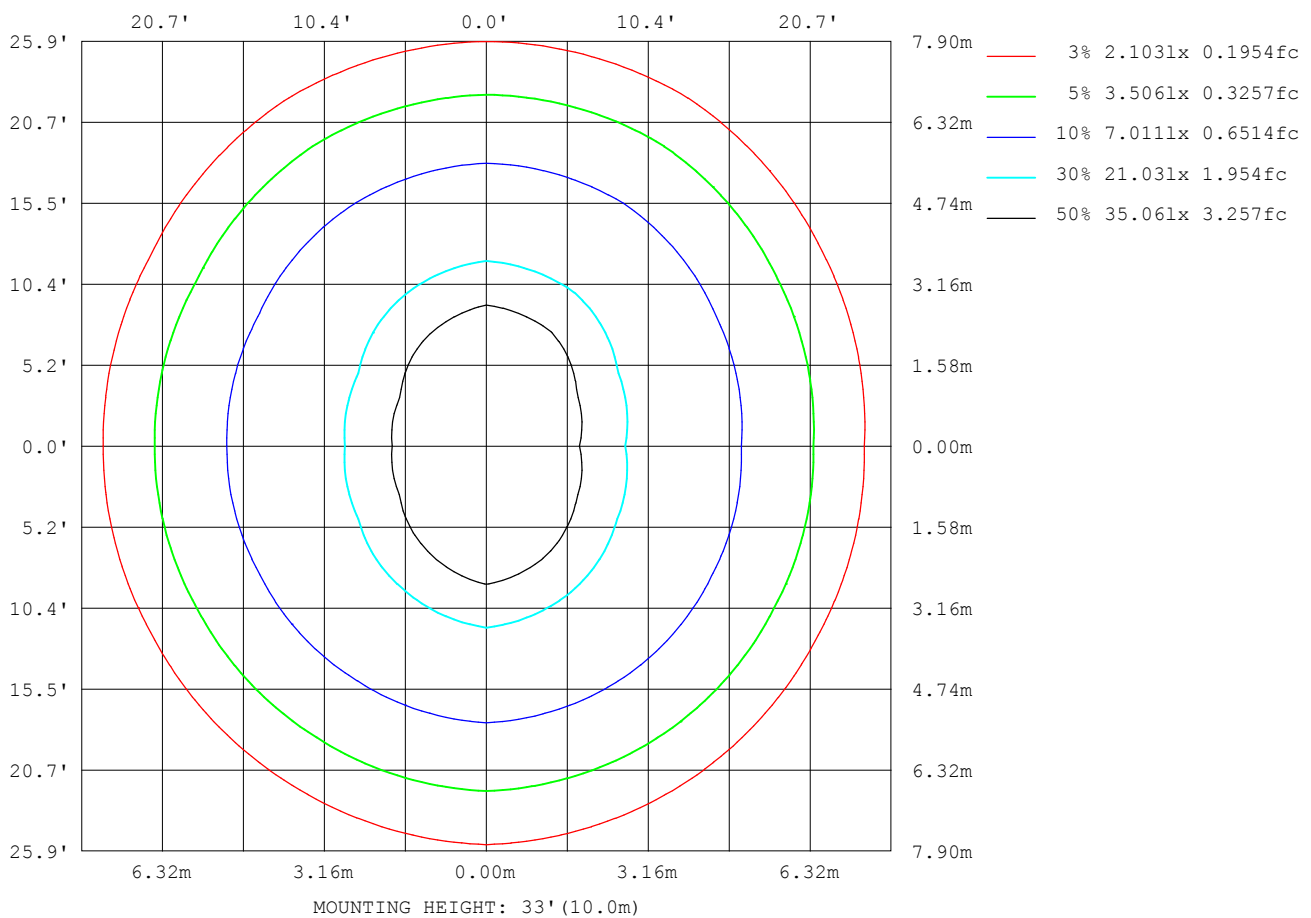
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-16

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:



## ISOLUX DIAGRAM

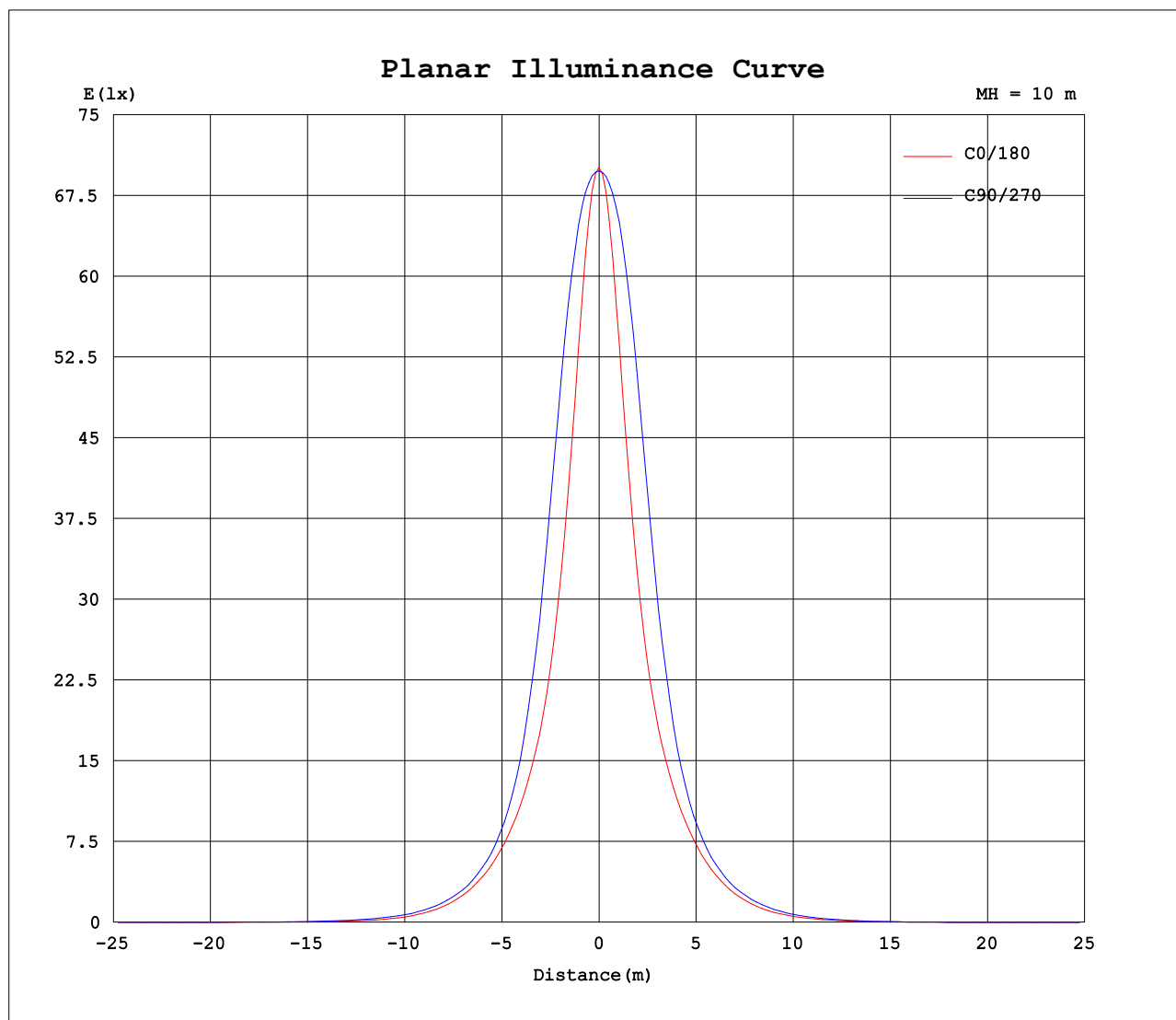
Test:U:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-16

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:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-16

$\gamma$  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:24.00V I:1.440A P:34.57W PF:1.000 Lamp Flux:2629.15x1 lm		
NAME: AW01-24V-3535-18-3000K-A-2545	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	7011	6994	6989	6978	6973	6979	7011	6994	6989	6978	6973	6979							
5	5850	6198	6562	6725	6339	5928	5844	5910	6400	6723	6639	6153							
10	3777	4288	5126	5665	4872	4047	3821	4056	4994	5731	5358	4281							
15	2375	2687	3374	3925	3206	2574	2430	2590	3360	4044	3646	2701							
20	1590	1733	2070	2378	1992	1693	1648	1729	2133	2487	2271	1763							
25	1094	1154	1289	1417	1261	1151	1141	1175	1363	1502	1423	1191							
30	730	761	823	884	810	768	764	775	879	938	906	797							
35	463	480	522	554	517	488	486	495	565	592	577	510							
40	272	290	323	344	323	298	291	304	350	367	357	311							
45	145	162	189	206	192	173	162	172	203	213	208	173							
50	77.0	86.4	103	116	105	94.2	83.7	90.2	108	115	111	89.5							
55	44.6	48.4	55.7	62.3	56.7	51.0	43.7	45.8	52.8	57.5	54.9	46.0							
60	27.7	29.5	32.3	35.1	32.5	30.6	22.8	23.2	25.6	27.4	27.1	23.7							
65	19.6	20.3	21.1	21.8	21.0	20.6	12.2	12.2	12.7	13.1	13.5	12.6							
70	15.0	15.3	15.1	15.2	15.0	15.3	6.46	6.26	6.09	5.86	6.43	6.58							
75	11.8	11.8	11.9	12.0	12.1	11.9	2.42	2.67	2.65	2.83	2.82	2.85							
80	11.5	11.4	11.4	11.4	11.6	11.5	2.09	2.20	2.35	2.51	2.37	2.35							
85	11.0	10.9	11.0	11.3	11.2	11.1	2.11	2.12	2.42	2.75	2.45	2.17							
90	10.4	10.3	10.5	10.6	10.8	10.6	2.35	2.43	2.71	2.78	2.71	2.44							
95	10.0	10.0	10.3	10.3	10.4	10.2	3.02	3.09	3.36	3.44	3.36	3.09							
100	9.75	9.87	10.2	10.3	10.2	9.84	3.84	3.90	4.18	4.25	4.14	3.90							
105	9.67	9.88	10.1	10.3	10.1	9.76	4.79	4.89	5.19	5.32	5.14	4.86							
110	9.71	10.0	10.3	10.6	10.2	9.87	5.90	6.06	6.44	6.62	6.37	6.01							
115	10.0	10.4	10.9	11.2	10.8	10.3	7.26	7.51	7.99	8.21	7.90	7.44							
120	10.8	11.1	11.9	12.3	11.9	11.2	9.00	9.37	9.87	10.0	9.74	9.24							
125	12.0	12.5	13.3	13.8	13.5	12.6	11.3	11.7	12.0	12.1	11.8	11.5							
130	14.1	14.4	15.2	15.7	15.5	14.7	14.1	14.2	14.2	14.2	14.1	14.0							
135	16.8	16.9	17.5	17.8	17.8	17.3	16.7	16.6	16.4	16.3	16.2	16.4							
140	19.7	19.6	19.8	20.0	20.2	19.9	18.7	18.5	18.3	18.1	18.1	18.4							
145	22.3	22.2	22.0	22.0	22.5	22.5	20.1	20.1	19.9	19.6	19.7	19.9							
150	24.6	24.4	23.9	23.6	24.4	24.8	21.2	21.2	21.2	20.8	20.9	20.9							
155	26.4	26.0	25.2	24.9	25.7	26.4	22.0	22.2	22.2	21.6	21.7	21.7							
160	27.4	27.0	25.7	25.5	26.5	27.4	22.7	22.9	22.9	22.1	22.0	22.3							
165	27.5	26.9	25.8	25.8	26.7	27.5	23.3	23.5	23.5	22.7	22.3	22.6							
170	26.8	26.0	25.5	25.8	26.5	26.9	23.8	23.9	24.0	23.5	22.7	22.6							
175	25.5	25.0	25.4	25.8	25.9	25.7	23.9	24.2	24.7	24.4	23.7	22.9							
180	24.5	24.7	25.4	25.6	25.2	24.5	24.5	24.7	25.4	25.5	25.2	24.4							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-16

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	7011	6994	6989	6978	6973	6979	7011	6994	6989	6978
3.0	6557	6715	6863	6894	6705	6546	6551	6535	6751	6892
6.0	5425	5850	6341	6584	6097	5578	5439	5567	6177	6604
9.0	4162	4662	5469	5955	5211	4433	4210	4408	5318	5989
12.0	3126	3552	4384	4972	4186	3398	3172	3374	4324	5071
15.0	2375	2687	3374	3925	3206	2574	2430	2590	3360	4044
18.0	1861	2035	2503	2913	2416	2009	1911	2022	2558	3028
21.0	1473	1597	1888	2135	1824	1565	1531	1597	1948	2235
24.0	1183	1252	1415	1570	1379	1250	1229	1277	1487	1666
27.0	935.1	979.5	1077	1169	1056	984.0	975.6	1004	1142	1244
30.0	730.2	761.3	822.5	884.0	809.5	767.8	764.3	775.3	879.4	938.0
33.0	560.8	579.3	625.9	671.0	619.0	587.7	588.0	599.3	676.1	713.1
36.0	420.4	436.0	475.2	507.9	472.0	443.3	441.6	451.0	516.2	541.9
39.0	304.3	321.9	356.4	382.3	355.9	329.1	323.3	337.7	389.0	404.1
42.0	214.9	232.3	262.2	283.6	263.9	240.4	233.1	247.9	283.6	299.3
45.0	145.2	162.1	189.3	205.8	191.7	173.4	162.2	172.4	202.8	213.5
48.0	98.10	111.5	131.8	147.1	134.2	118.9	110.2	117.1	140.2	148.0
51.0	68.90	76.67	91.10	102.9	93.09	83.38	73.50	78.54	94.07	101.2
54.0	49.32	54.03	62.68	70.48	63.97	57.06	49.81	52.12	60.97	65.63
57.0	36.27	39.37	44.16	49.04	44.74	41.50	33.89	34.19	39.35	42.23
60.0	27.71	29.54	32.32	35.12	32.48	30.55	22.79	23.16	25.60	27.37
63.0	22.23	23.22	24.68	25.97	24.63	23.74	15.63	15.48	16.79	17.63
66.0	18.48	19.15	19.63	20.08	19.51	19.30	10.87	10.66	10.96	11.12
69.0	15.75	16.10	16.02	16.15	15.92	16.17	7.425	7.163	7.061	6.897
72.0	13.48	13.68	13.53	13.57	13.48	13.58	4.657	4.428	4.353	4.375
75.0	11.76	11.76	11.88	11.99	12.06	11.85	2.415	2.675	2.651	2.828
78.0	11.56	11.47	11.51	11.58	11.77	11.61	2.098	2.347	2.379	2.532
81.0	11.40	11.27	11.30	11.43	11.57	11.44	2.092	2.137	2.353	2.506
84.0	11.14	10.99	11.05	11.42	11.33	11.20	2.105	2.124	2.398	2.767
87.0	10.81	10.66	10.80	10.90	11.05	10.91	2.175	2.212	2.507	2.634
90.0	10.45	10.34	10.52	10.59	10.75	10.58	2.348	2.429	2.712	2.780
93.0	10.19	10.12	10.37	10.43	10.56	10.34	2.738	2.805	3.095	3.169
96.0	9.962	9.961	10.24	10.32	10.39	10.11	3.178	3.232	3.503	3.583
99.0	9.790	9.872	10.18	10.27	10.26	9.897	3.669	3.729	3.994	4.061
102.0	9.700	9.872	10.14	10.27	10.16	9.757	4.199	4.290	4.549	4.648
105.0	9.668	9.879	10.14	10.30	10.12	9.757	4.792	4.890	5.194	5.317
108.0	9.668	9.936	10.20	10.43	10.13	9.796	5.430	5.565	5.902	6.050
111.0	9.757	10.04	10.39	10.67	10.32	9.917	6.151	6.337	6.731	6.936
114.0	9.961	10.26	10.73	11.05	10.67	10.18	6.967	7.179	7.663	7.855
117.0	10.28	10.61	11.22	11.57	11.19	10.57	7.906	8.230	8.697	8.937
120.0	10.76	11.13	11.85	12.27	11.88	11.16	9.003	9.371	9.870	10.04
123.0	11.46	11.85	12.69	13.08	12.77	11.95	10.31	10.69	11.11	11.27
126.0	12.39	12.80	13.68	14.13	13.83	13.01	11.86	12.16	12.42	12.51
129.0	13.62	14.02	14.84	15.25	15.05	14.25	13.53	13.71	13.77	13.83
132.0	15.10	15.36	16.12	16.47	16.38	15.68	15.18	15.19	15.11	15.10
135.0	16.79	16.93	17.48	17.80	17.80	17.26	16.68	16.56	16.36	16.27
138.0	18.54	18.56	18.89	19.12	19.24	18.87	17.94	17.83	17.56	17.44
141.0	20.25	20.13	20.30	20.39	20.69	20.48	18.98	18.89	18.65	18.45
144.0	21.83	21.70	21.63	21.62	22.05	22.04	19.83	19.79	19.62	19.34
147.0	23.29	23.12	22.85	22.70	23.29	23.49	20.54	20.61	20.48	20.16
150.0	24.61	24.38	23.89	23.65	24.38	24.77	21.16	21.25	21.23	20.77
153.0	25.77	25.46	24.75	24.46	25.26	25.87	21.69	21.84	21.84	21.31
156.0	26.69	26.28	25.35	25.03	25.95	26.70	22.17	22.35	22.36	21.70
159.0	27.30	26.84	25.69	25.45	26.41	27.30	22.60	22.79	22.81	22.03
162.0	27.53	27.01	25.79	25.70	26.66	27.57	22.97	23.17	23.18	22.36
165.0	27.53	26.90	25.78	25.83	26.71	27.51	23.34	23.48	23.51	22.71
168.0	27.18	26.46	25.62	25.83	26.65	27.20	23.63	23.72	23.83	23.14
171.0	26.60	25.79	25.48	25.82	26.41	26.66	23.81	23.94	24.15	23.65
174.0	25.79	25.16	25.43	25.78	26.07	25.97	23.85	24.11	24.52	24.23
177.0	24.98	24.81	25.42	25.73	25.70	25.21	24.00	24.32	24.98	24.88
180.0	24.50	24.69	25.42	25.58	25.20	24.51	24.45	24.67	25.39	25.54
G/C	300.0	330.0								
0.0	6973	6979								
3.0	6892	6697								
6.0	6456	5807								
9.0	5675	4667								
12.0	4680	3573								
15.0	3646	2701								
18.0	2751	2083								
21.0	2062	1628								
24.0	1557	1284								
27.0	1183	1020								
30.0	905.6	797.2								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-16

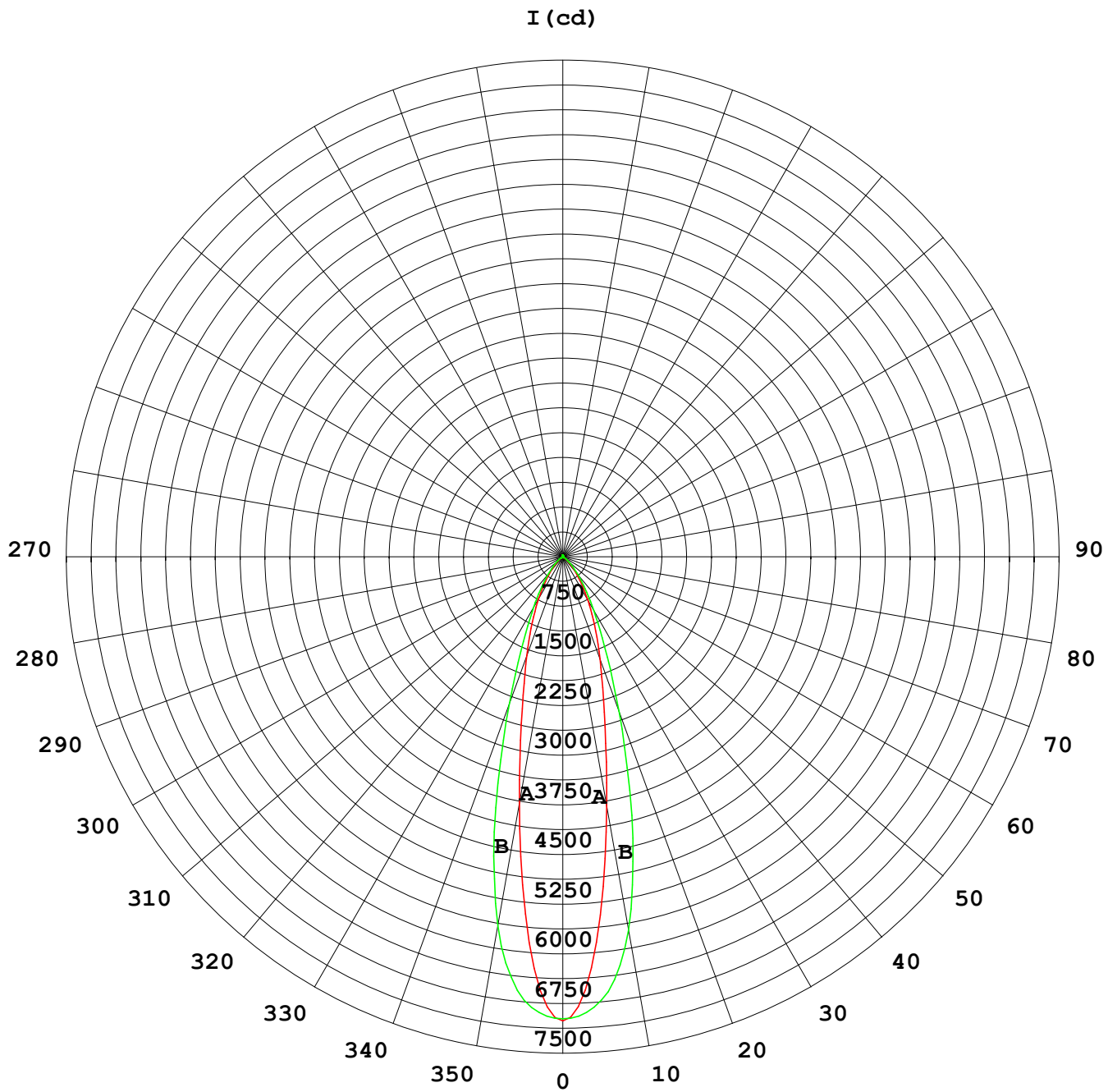
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	693.0	611.0
36.0	527.2	463.9
39.0	397.0	344.4
42.0	289.8	248.6
45.0	207.5	172.8
48.0	143.7	117.1
51.0	96.26	78.25
54.0	63.26	52.48
57.0	41.32	35.22
60.0	27.08	23.65
63.0	17.87	16.22
66.0	11.66	11.20
69.0	7.488	7.540
72.0	4.640	4.861
75.0	2.816	2.855
78.0	2.461	2.411
81.0	2.372	2.195
84.0	2.411	2.156
87.0	2.532	2.238
90.0	2.712	2.436
93.0	3.082	2.811
96.0	3.503	3.238
99.0	3.969	3.717
102.0	4.517	4.252
105.0	5.143	4.864
108.0	5.845	5.514
111.0	6.648	6.267
114.0	7.567	7.134
117.0	8.601	8.109
120.0	9.736	9.237
123.0	10.96	10.55
126.0	12.26	11.96
129.0	13.60	13.48
132.0	14.94	14.98
135.0	16.20	16.37
138.0	17.38	17.63
141.0	18.45	18.70
144.0	19.40	19.59
147.0	20.21	20.33
150.0	20.88	20.94
153.0	21.40	21.45
156.0	21.75	21.86
159.0	21.98	22.19
162.0	22.12	22.44
165.0	22.25	22.56
168.0	22.46	22.58
171.0	22.85	22.58
174.0	23.46	22.77
177.0	24.30	23.42
180.0	25.21	24.43

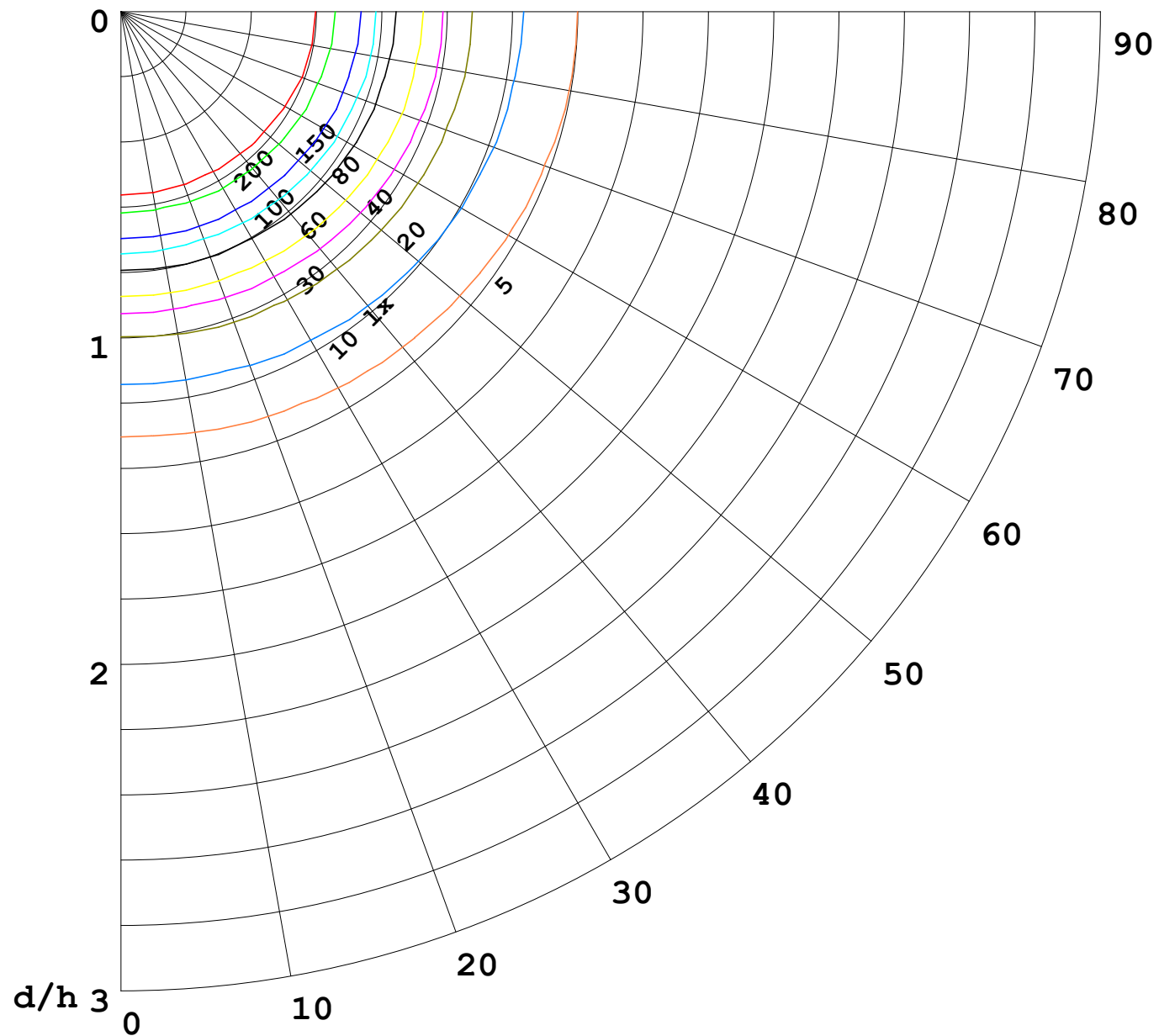
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-16

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

