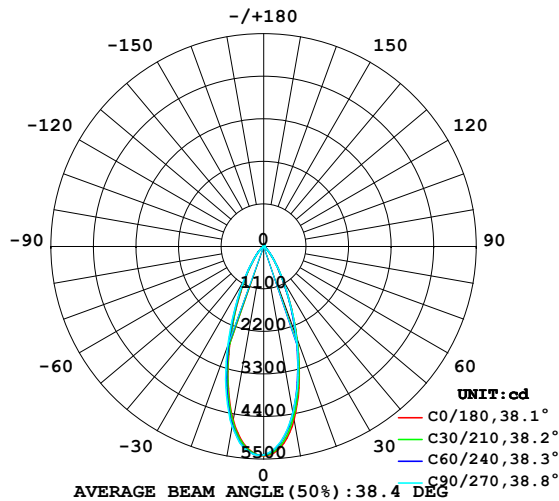


## LUMINAIRE PHOTOMETRIC TEST REPORT

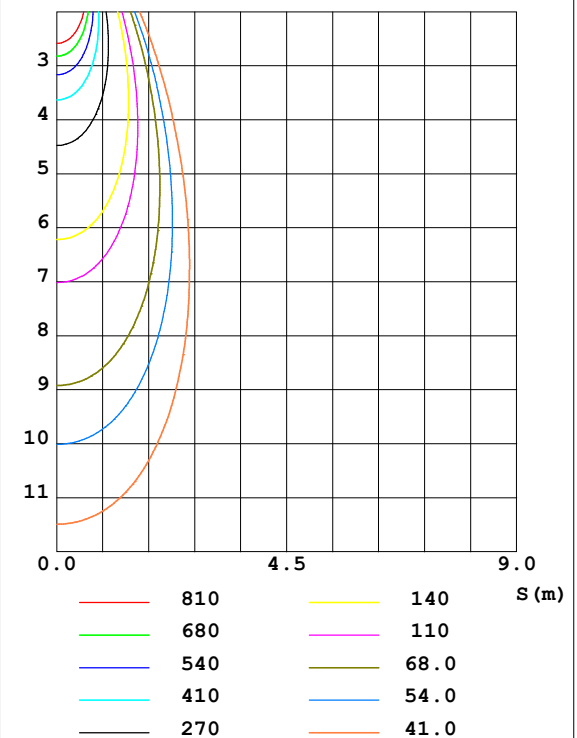
Test:U:24.00V I:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.61 lm/W			
MODEL		I <sub>max</sub> (cd)	5413	S/MH (C0/180)	0.62
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.61
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2877.6	η UP, DN (C0-180)	1.8, 47.3
NOMINAL FLUX (lm)	2877.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 49.6
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	96.9	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



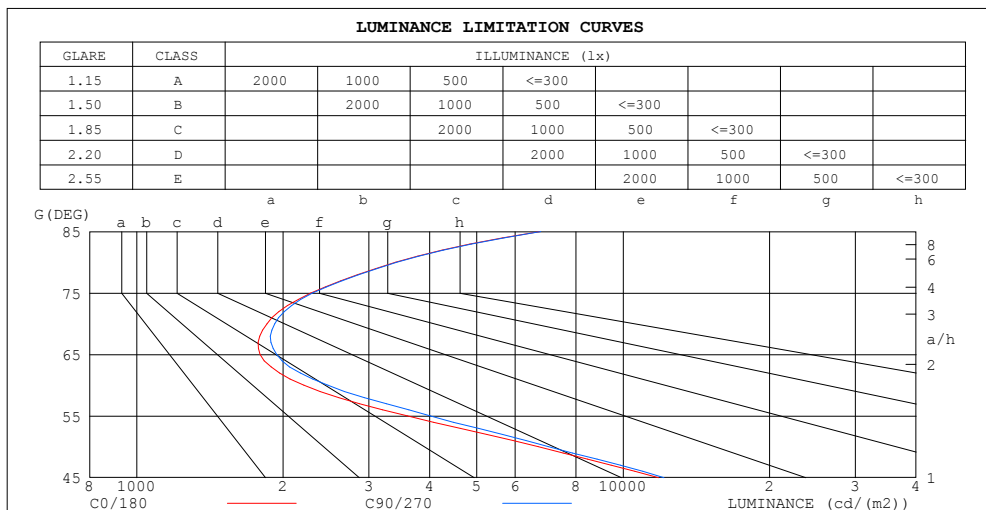
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-08-08

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	4543	4423	4368	4367	4559	4643	4716	4700	0- 10	473.8	473.8	16.5,16.5
20	2508	2470	2458	2410	2523	2601	2714	2684	10- 20	980.5	1454	50.5,50.5
30	964.6	966.8	970.8	942.9	975.1	1005	1048	1045	20- 30	758.6	2213	76.9,76.9
40	312.4	313.7	313.8	306.4	316.7	324.1	330.4	335.3	30- 40	368.2	2581	89.7,89.7
50	85.98	88.00	90.30	86.41	85.31	86.77	89.24	89.69	40- 50	139.0	2720	94.5,94.5
60	22.06	23.46	24.71	23.21	15.79	16.09	16.57	16.67	50- 60	40.44	2760	95.9,95.9
70	12.67	12.86	13.14	12.89	3.374	3.394	3.501	3.546	60- 70	12.14	2773	96.4,96.4
80	11.81	11.79	11.89	11.90	1.903	1.959	2.008	1.971	70- 80	7.546	2780	96.6,96.6
90	11.47	11.44	11.49	11.50	2.590	2.657	2.749	2.626	80- 90	7.615	2788	96.9,96.9
100	10.87	10.97	11.18	11.01	4.173	4.263	4.367	4.208	90-100	7.967	2796	97.2,97.2
110	10.75	11.13	11.54	11.15	6.682	6.825	6.973	6.741	100-110	8.676	2804	97.5,97.5
120	12.33	12.86	13.47	12.98	10.55	10.64	10.75	10.47	110-120	10.13	2815	97.8,97.8
130	16.14	16.64	17.31	16.90	15.40	15.36	15.29	15.11	120-130	12.33	2827	98.2,98.2
140	21.57	21.74	22.09	22.06	20.05	19.91	19.64	19.58	130-140	14.23	2841	98.7,98.7
150	26.67	26.32	26.13	26.64	23.28	23.16	22.69	22.68	140-150	14.34	2855	99.2,99.2
160	29.19	28.46	28.18	28.94	24.83	24.87	24.39	24.07	150-160	11.92	2867	99.6,99.6
170	29.03	28.36	28.51	28.77	25.91	25.99	25.97	25.21	160-170	7.622	2875	99.9,99.9
180	28.06	27.95	28.21	27.75	28.02	27.89	28.14	27.72	170-180	2.616	2878	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6746	6773
80	3402	3425
75	2282	2298
70	1852	1921
65	1794	1940
60	2206	2471
55	3607	4015
50	6688	7024
45	11828	12138

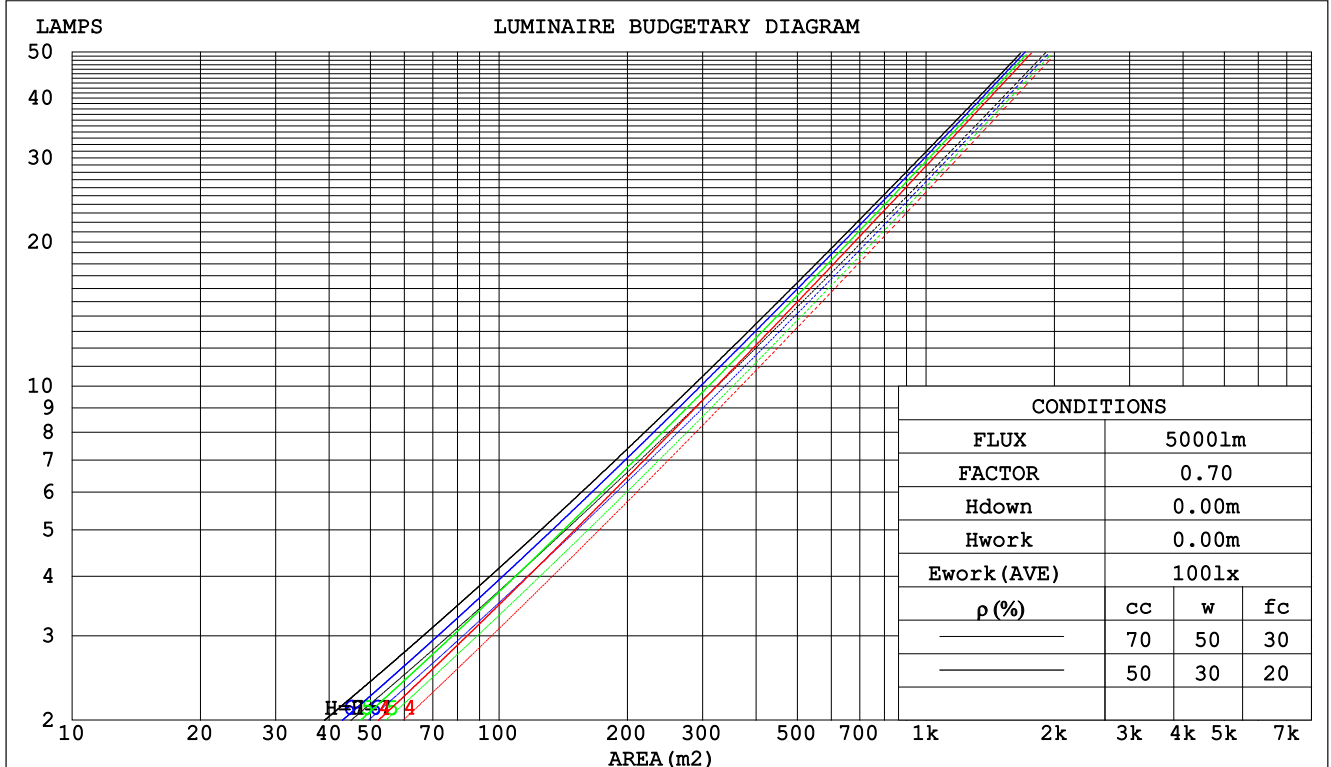
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-08-08

$\gamma$  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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-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						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	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.03	.99	.96	1.01	.98	.95	.97	.95	.92	.94	.92	.90	.91	.89	.87	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.89	.86	.89	.86	.84	.87	.84	.82	.81
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.81	.77	.85	.80	.76	.83	.78	.75	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.75	.72	.69	.68
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.73	.69	.66	.72	.69	.66	.64
8.0	.73	.68	.64	.73	.67	.64	.71	.67	.63	.70	.66	.63	.69	.65	.63	.61
9.0	.70	.64	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.66	.62	.60	.58
10.0	.67	.61	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.63	.60	.57	.56



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-08-08

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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm					
NAME: AW01-24V-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	.173	.098	.031	.165	.094	.030	.151	.086	.028	.137	.079	.025	.125	.073	.023		
2.0	.163	.089	.027	.156	.086	.027	.144	.080	.025	.133	.075	.023	.123	.069	.022		
3.0	.154	.082	.024	.148	.079	.024	.138	.075	.023	.128	.070	.022	.119	.066	.020		
4.0	.145	.076	.022	.141	.074	.022	.131	.070	.021	.123	.066	.020	.115	.063	.019		
5.0	.138	.070	.020	.134	.069	.020	.126	.065	.019	.118	.062	.019	.111	.059	.018		
6.0	.131	.066	.019	.127	.064	.019	.120	.062	.018	.114	.059	.017	.107	.057	.017		
7.0	.125	.062	.018	.122	.061	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016		
8.0	.119	.058	.016	.116	.057	.016	.111	.055	.016	.105	.053	.015	.100	.051	.015		
9.0	.114	.055	.015	.111	.054	.015	.106	.053	.015	.101	.051	.015	.097	.049	.014		
10.0	.109	.052	.015	.107	.052	.014	.102	.050	.014	.098	.049	.014	.094	.047	.014		

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	.143	.119	.100	.098	.083	.070	.057	.048	.041	.018	.016	.014	
4.0	.156	.123	.098	.134	.106	.085	.092	.074	.060	.053	.043	.036	.017	.014	.012	
5.0	.147	.111	.085	.126	.096	.074	.087	.067	.052	.050	.040	.031	.016	.013	.010	
6.0	.139	.102	.076	.119	.088	.066	.082	.062	.047	.048	.036	.028	.015	.012	.009	
7.0	.132	.094	.068	.114	.082	.059	.079	.057	.042	.046	.034	.025	.015	.011	.008	
8.0	.126	.088	.062	.109	.076	.054	.075	.054	.038	.044	.032	.023	.014	.010	.008	
9.0	.121	.083	.057	.104	.072	.050	.072	.050	.035	.042	.030	.021	.014	.010	.007	
10.0	.116	.078	.053	.100	.068	.046	.070	.048	.033	.041	.028	.020	.013	.009	.007	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LYH  
 Test Date:2024-08-08

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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm											
NAME: AW01-24V-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	15.0	15.8	15.2	16.0	16.2	15.1	15.9	15.3	16.1	16.4	
	3H	14.9	15.7	15.2	15.9	16.2	15.0	15.8	15.3	16.0	16.3
	4H	14.9	15.6	15.2	15.9	16.2	15.0	15.8	15.3	16.0	16.3
	6H	15.0	15.7	15.3	16.0	16.3	15.1	15.8	15.5	16.1	16.4
	8H	15.1	15.8	15.5	16.1	16.4	15.2	15.9	15.6	16.2	16.5
	12H	15.3	16.0	15.7	16.3	16.6	15.4	16.1	15.8	16.4	16.7
4H	2H	14.8	15.5	15.1	15.8	16.0	14.9	15.6	15.2	15.9	16.2
	3H	14.7	15.4	15.1	15.7	16.0	14.8	15.5	15.2	15.8	16.1
	4H	14.8	15.4	15.2	15.7	16.1	14.9	15.5	15.3	15.9	16.2
	6H	15.0	15.6	15.5	15.9	16.3	15.1	15.7	15.6	16.0	16.5
	8H	15.3	15.7	15.7	16.2	16.6	15.4	15.8	15.8	16.3	16.7
	12H	15.7	16.1	16.1	16.5	17.0	15.7	16.2	16.2	16.6	17.1
8H	4H	14.8	15.2	15.2	15.6	16.1	14.9	15.3	15.3	15.8	16.2
	6H	15.1	15.5	15.6	16.0	16.5	15.2	15.6	15.7	16.1	16.6
	8H	15.5	15.9	16.0	16.3	16.8	15.6	16.0	16.1	16.4	16.9
	12H	16.1	16.4	16.6	16.9	17.5	16.2	16.5	16.7	17.0	17.5
12H	4H	14.7	15.2	15.2	15.6	16.1	14.9	15.3	15.3	15.7	16.2
	6H	15.2	15.5	15.7	16.0	16.5	15.3	15.6	15.8	16.1	16.6
	8H	15.6	15.9	16.2	16.4	17.0	15.7	16.0	16.3	16.5	17.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 2.7					+ 1.9 / - 2.7					
1.5H	+ 3.3 / - 2.7					+ 3.3 / - 2.7					
2.0H	+ 3.1 / - 1.3					+ 3.1 / - 1.3					

CIE Pub.117 Corrected 2878 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.7)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-08-08

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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

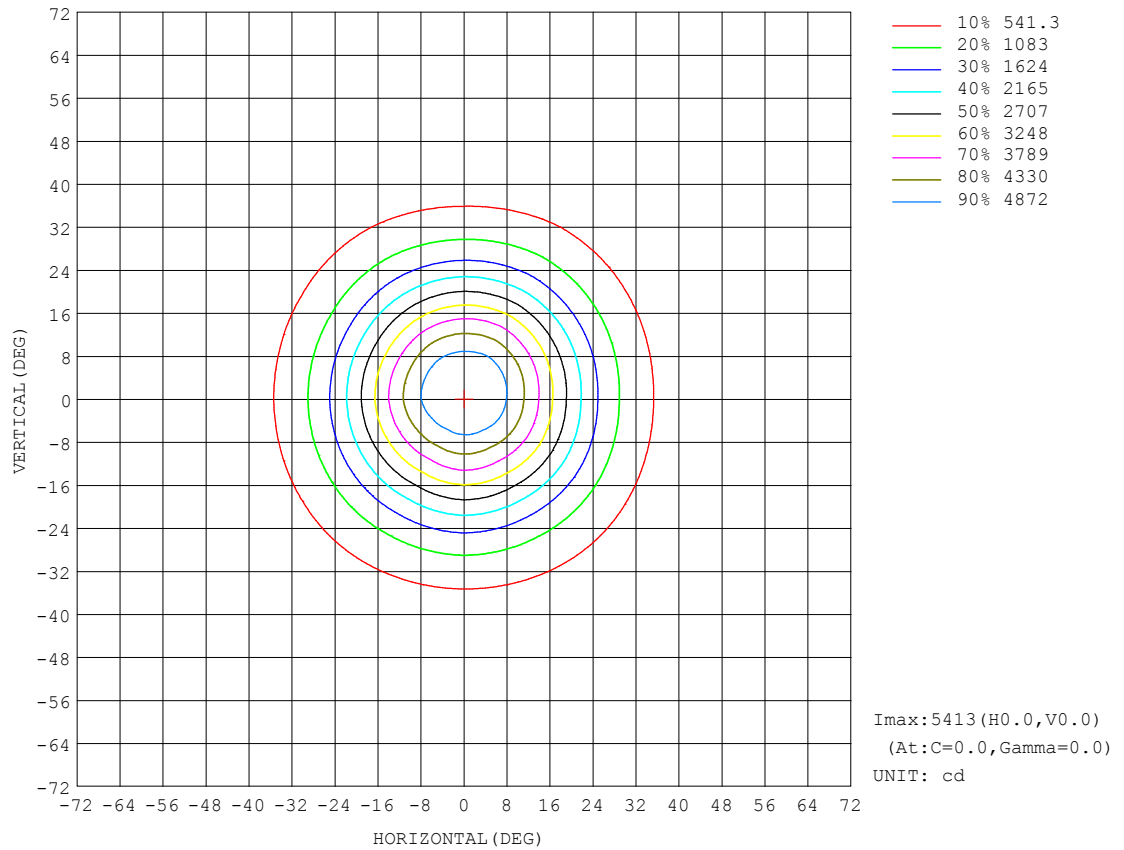
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	84	78	74	83	78	74	70
0.80	93	87	83	92	86	82	90	85	82	78
1.00	97	91	88	96	91	87	94	90	87	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	96	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: 2024-08-08

$\gamma$  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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

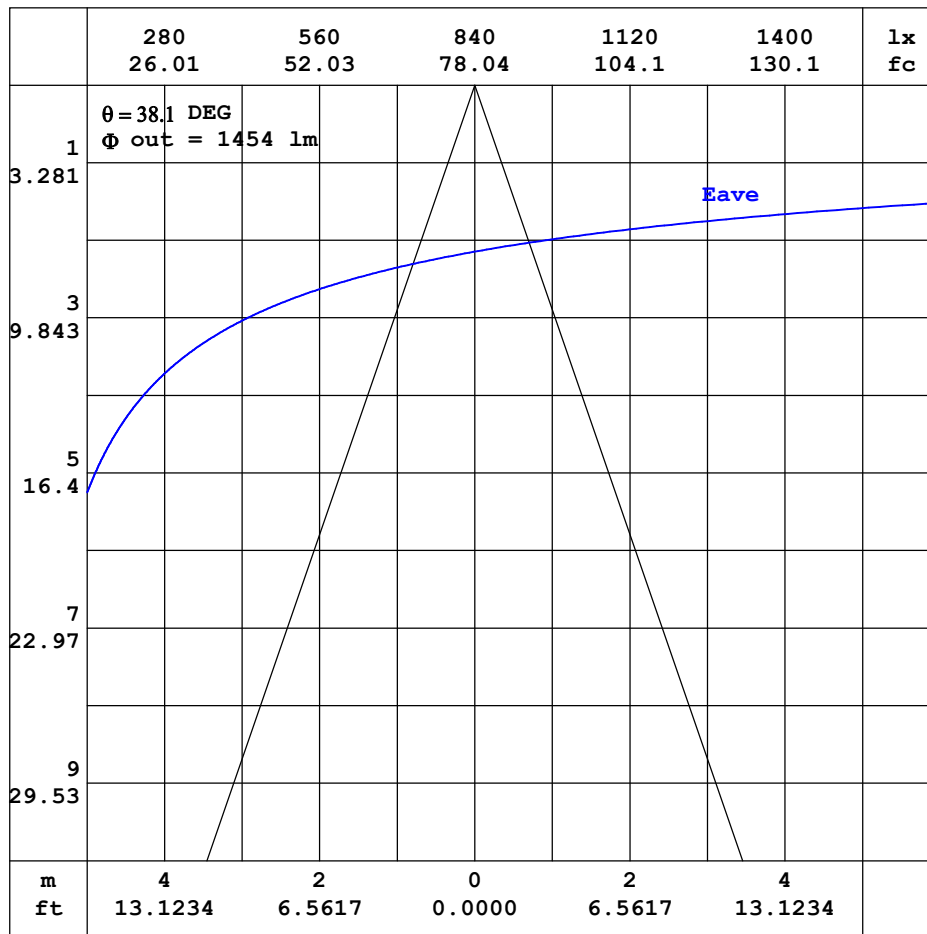


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-08-08

$\gamma$  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 CURVES

Test:U:24.00V I:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-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.

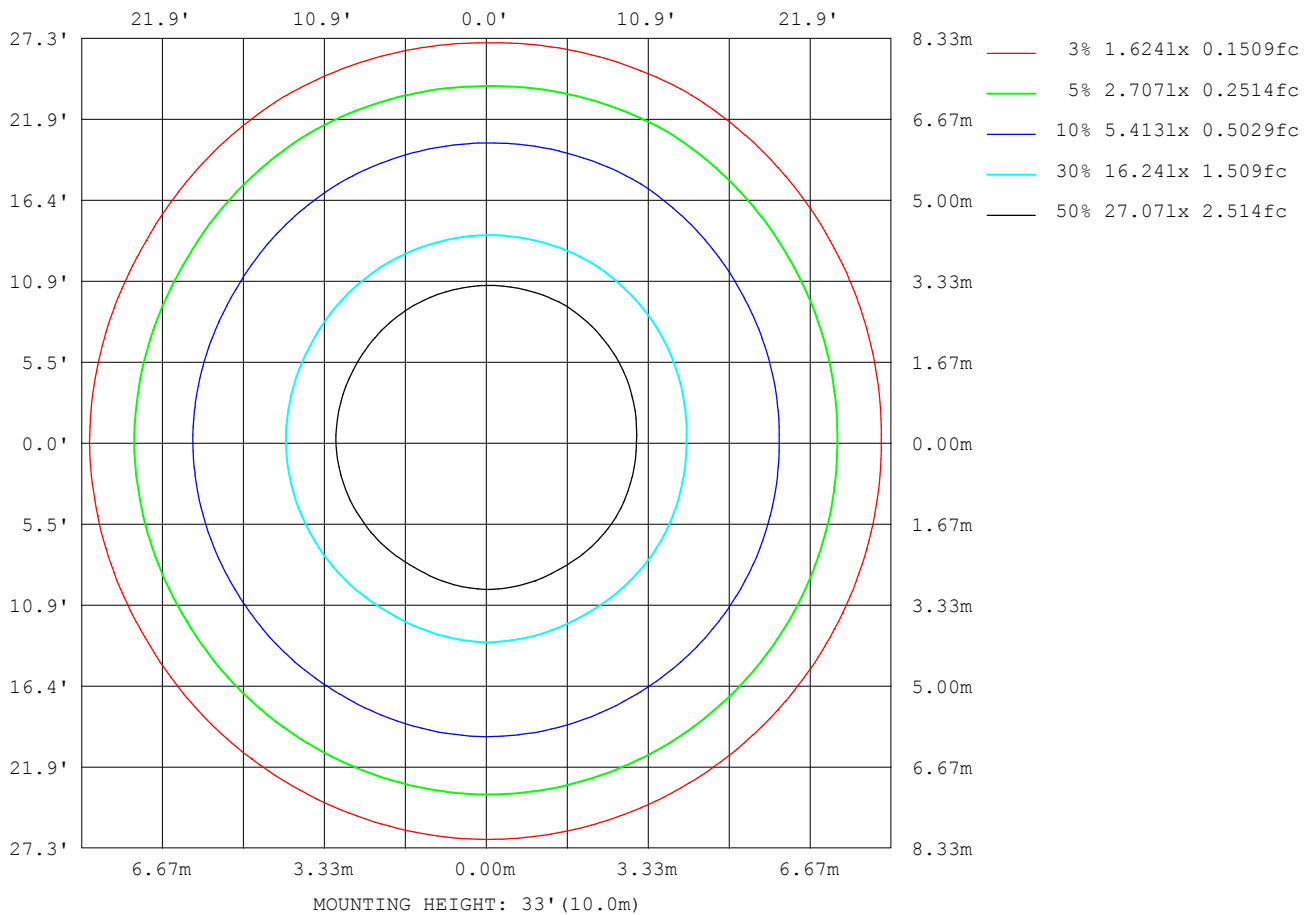
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-08-08

$\gamma$  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

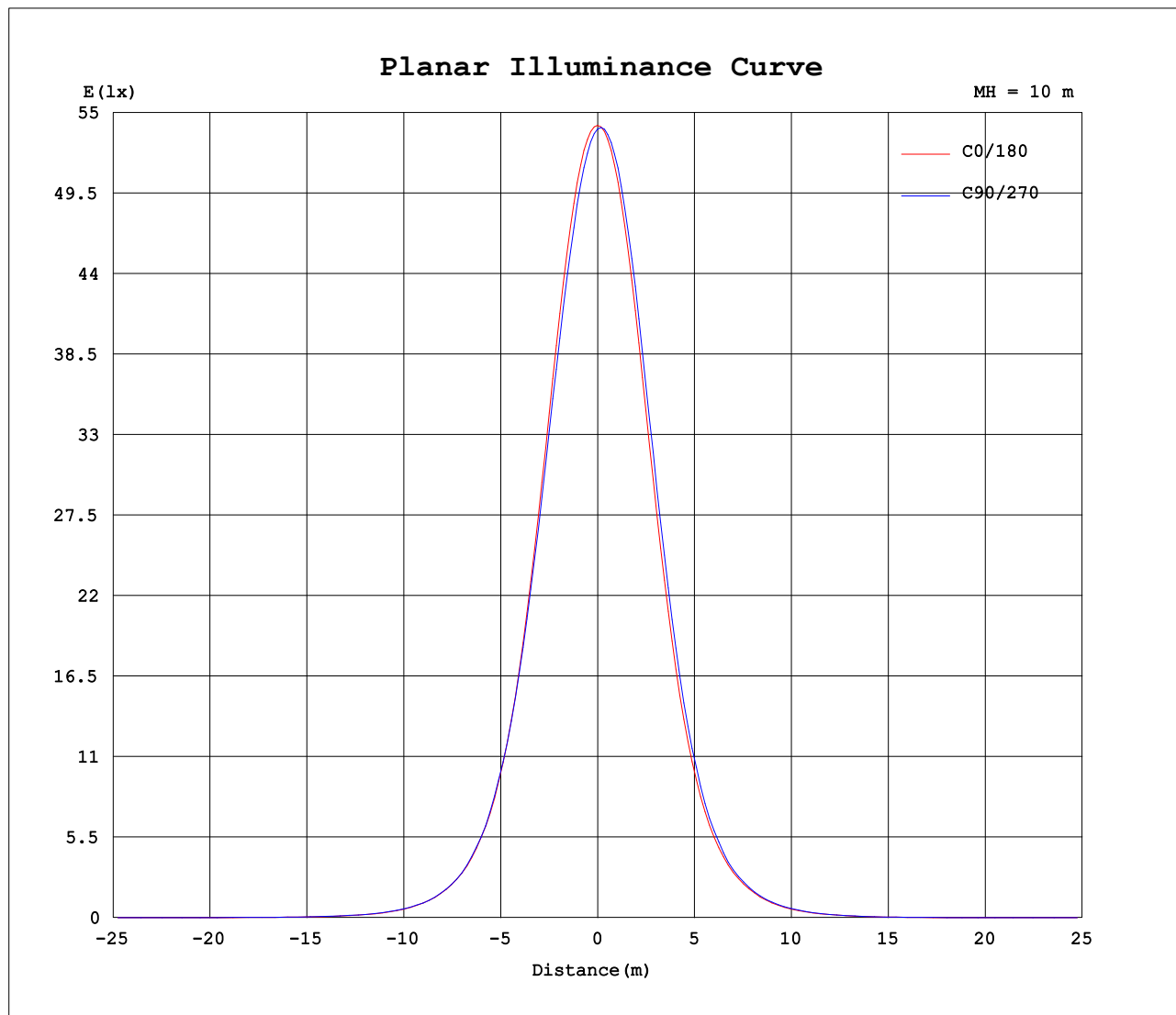
Test:U:24.00V I:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-3535-18-3000K-A-40	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-08-08

$\gamma$  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: 2024-08-08

$\gamma$  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:1.434A P:34.42W PF:1.000 Lamp Flux:2877.6x1 lm		
NAME: AW01-24V-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	5413	5402	5391	5387	5375	5373	5413	5402	5391	5387	5375	5373							
5	5202	5152	5082	5069	5042	5094	5202	5226	5268	5276	5288	5240							
10	4543	4475	4371	4368	4326	4409	4559	4600	4686	4716	4745	4656							
15	3561	3520	3417	3442	3367	3449	3581	3611	3723	3780	3819	3698							
20	2508	2511	2429	2458	2382	2438	2523	2551	2651	2714	2742	2625							
25	1607	1617	1578	1605	1541	1575	1619	1629	1714	1759	1783	1699							
30	965	974	960	971	940	946	975	975	1035	1048	1077	1013							
35	558	559	559	561	546	543	565	562	598	595	621	587							
40	312	311	316	314	309	304	317	315	333	330	344	326							
45	167	168	171	172	167	166	170	169	178	179	183	174							
50	86.0	87.3	88.7	90.3	86.8	86.0	85.3	84.5	89.0	89.2	91.8	87.6							
55	41.4	43.3	44.7	46.1	43.8	42.9	38.2	38.0	40.2	39.9	41.6	39.1							
60	22.1	23.1	23.8	24.7	23.5	22.9	15.8	15.6	16.5	16.6	17.2	16.2							
65	15.2	15.6	15.9	16.4	15.9	15.6	7.08	6.95	7.22	7.36	7.51	7.15							
70	12.7	12.8	13.0	13.1	13.0	12.8	3.37	3.39	3.40	3.50	3.58	3.51							
75	11.8	11.8	11.9	11.9	12.0	11.8	1.84	1.97	1.95	2.04	2.00	2.01							
80	11.8	11.8	11.8	11.9	11.9	11.9	1.90	1.91	2.01	2.01	2.01	1.93							
85	11.8	11.6	11.7	11.8	11.9	11.7	2.14	2.11	2.27	2.35	2.26	2.10							
90	11.5	11.4	11.5	11.5	11.6	11.4	2.59	2.58	2.73	2.75	2.71	2.54							
95	11.2	11.1	11.3	11.3	11.3	11.1	3.30	3.29	3.45	3.47	3.41	3.24							
100	10.9	10.8	11.1	11.2	11.1	10.9	4.17	4.18	4.35	4.37	4.30	4.12							
105	10.7	10.8	11.0	11.2	11.1	10.8	5.28	5.31	5.48	5.52	5.42	5.23							
110	10.8	11.0	11.3	11.5	11.3	11.0	6.68	6.74	6.91	6.97	6.82	6.66							
115	11.3	11.5	11.9	12.3	12.0	11.6	8.43	8.49	8.64	8.72	8.52	8.38							
120	12.3	12.6	13.1	13.5	13.3	12.7	10.6	10.6	10.7	10.7	10.6	10.4							
125	14.0	14.2	14.8	15.2	15.0	14.4	12.9	12.9	13.0	13.0	12.8	12.7							
130	16.1	16.4	16.9	17.3	17.2	16.6	15.4	15.4	15.3	15.3	15.1	15.1							
135	18.7	18.9	19.4	19.7	19.7	19.2	17.9	17.8	17.7	17.6	17.4	17.5							
140	21.6	21.6	21.9	22.1	22.2	21.9	20.1	20.0	19.8	19.6	19.5	19.6							
145	24.3	24.3	24.2	24.3	24.5	24.6	21.9	21.8	21.6	21.4	21.3	21.4							
150	26.7	26.5	26.1	26.1	26.5	26.8	23.3	23.3	23.1	22.7	22.6	22.8							
155	28.4	28.1	27.4	27.4	27.9	28.4	24.2	24.2	24.1	23.7	23.5	23.6							
160	29.2	28.9	28.0	28.2	28.6	29.2	24.8	24.9	24.8	24.4	24.0	24.1							
165	29.3	28.9	28.2	28.5	28.8	29.2	25.3	25.3	25.5	25.1	24.6	24.5							
170	29.0	28.5	28.2	28.5	28.8	28.8	25.9	25.8	26.2	26.0	25.4	25.0							
175	28.5	28.1	28.2	28.4	28.5	28.2	26.8	26.6	27.1	27.0	26.6	26.0							
180	28.1	27.8	28.1	28.2	28.0	27.6	28.0	27.7	28.1	28.1	28.0	27.5							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-08-08

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	5413	5402	5391	5387	5375	5373	5413	5402	5391	5387
3.0	5338	5306	5256	5243	5225	5255	5338	5348	5370	5373
6.0	5106	5048	4968	4956	4925	4988	5108	5135	5190	5206
9.0	4708	4639	4538	4533	4490	4577	4721	4760	4838	4857
12.0	4175	4113	4008	4004	3948	4046	4195	4236	4332	4372
15.0	3561	3520	3417	3442	3367	3449	3581	3611	3723	3780
18.0	2925	2906	2819	2848	2759	2830	2936	2972	3074	3137
21.0	2310	2321	2243	2270	2195	2251	2325	2349	2445	2505
24.0	1774	1777	1736	1762	1691	1723	1778	1798	1880	1926
27.0	1321	1326	1303	1338	1273	1289	1328	1340	1407	1451
30.0	964.6	973.8	959.8	970.8	940.0	945.8	975.1	975.5	1035	1048
33.0	695.6	698.6	696.4	708.5	681.4	679.2	705.7	698.1	746.8	754.2
36.0	498.5	497.6	500.2	499.6	488.7	483.7	505.5	500.6	534.0	532.6
39.0	351.8	350.6	355.0	357.6	346.4	342.1	359.9	353.9	378.8	373.7
42.0	244.6	244.8	248.6	249.1	242.9	239.9	248.1	246.9	261.1	261.2
45.0	167.3	168.3	170.9	171.7	167.0	165.6	169.9	168.7	178.1	178.9
48.0	113.0	114.6	116.1	118.2	113.7	112.9	113.5	112.6	118.7	117.6
51.0	74.75	76.09	77.59	79.52	75.95	75.27	73.65	72.71	76.69	76.15
54.0	47.94	49.79	51.24	52.62	50.23	49.40	45.56	45.11	47.53	47.51
57.0	31.28	32.96	33.94	35.53	33.35	32.85	26.75	26.73	28.32	27.98
60.0	22.06	23.09	23.83	24.71	23.47	22.95	15.79	15.64	16.54	16.57
63.0	17.17	17.72	18.23	18.71	18.10	17.70	9.609	9.598	9.849	9.969
66.0	14.47	14.77	15.11	15.51	15.08	14.82	6.102	6.001	6.169	6.170
69.0	13.00	13.14	13.37	13.60	13.40	13.18	3.905	3.885	3.917	3.977
72.0	12.11	12.11	12.30	12.43	12.37	12.15	2.480	2.592	2.610	2.623
75.0	11.81	11.76	11.85	11.89	11.96	11.84	1.841	1.966	1.946	2.040
78.0	11.81	11.76	11.82	11.89	11.94	11.85	1.848	1.909	1.965	1.971
81.0	11.81	11.75	11.82	11.89	11.94	11.84	1.934	1.909	2.033	2.057
84.0	11.80	11.68	11.77	11.89	11.88	11.79	2.077	2.032	2.194	2.316
87.0	11.66	11.54	11.66	11.68	11.77	11.64	2.305	2.279	2.441	2.440
90.0	11.47	11.39	11.48	11.49	11.56	11.44	2.590	2.582	2.732	2.749
93.0	11.28	11.21	11.34	11.37	11.42	11.29	2.986	2.983	3.140	3.156
96.0	11.10	11.05	11.21	11.25	11.28	11.10	3.450	3.452	3.610	3.619
99.0	10.92	10.89	11.10	11.18	11.16	10.92	3.981	3.977	4.148	4.181
102.0	10.78	10.81	11.06	11.18	11.08	10.81	4.587	4.601	4.772	4.824
105.0	10.70	10.81	11.04	11.24	11.08	10.81	5.279	5.312	5.483	5.522
108.0	10.70	10.87	11.11	11.39	11.15	10.86	6.083	6.120	6.306	6.374
111.0	10.82	11.05	11.38	11.65	11.42	11.06	7.010	7.053	7.239	7.331
114.0	11.14	11.39	11.77	12.09	11.84	11.41	8.067	8.122	8.289	8.332
117.0	11.64	11.86	12.35	12.71	12.46	11.93	9.236	9.276	9.427	9.529
120.0	12.33	12.60	13.11	13.47	13.26	12.70	10.55	10.58	10.70	10.75
123.0	13.25	13.47	14.07	14.42	14.26	13.63	11.93	11.98	12.02	12.06
126.0	14.37	14.63	15.18	15.56	15.40	14.81	13.41	13.42	13.44	13.44
129.0	15.66	15.88	16.46	16.82	16.72	16.11	14.91	14.89	14.86	14.85
132.0	17.15	17.35	17.87	18.20	18.16	17.62	16.41	16.39	16.30	16.25
135.0	18.75	18.94	19.35	19.69	19.67	19.23	17.85	17.79	17.69	17.56
138.0	20.43	20.56	20.87	21.09	21.18	20.86	19.20	19.15	19.00	18.86
141.0	22.14	22.19	22.35	22.53	22.69	22.48	20.46	20.39	20.22	20.05
144.0	23.81	23.78	23.77	23.88	24.11	24.06	21.54	21.47	21.29	21.04
147.0	25.32	25.25	25.02	25.08	25.39	25.53	22.49	22.44	22.24	21.97
150.0	26.67	26.54	26.10	26.13	26.50	26.79	23.28	23.25	23.06	22.69
153.0	27.76	27.59	26.96	26.93	27.40	27.87	23.92	23.88	23.73	23.34
156.0	28.59	28.33	27.57	27.59	28.07	28.63	24.39	24.40	24.26	23.84
159.0	29.09	28.80	27.96	28.07	28.53	29.15	24.75	24.79	24.72	24.24
162.0	29.29	28.93	28.15	28.37	28.77	29.29	25.01	25.08	25.10	24.66
165.0	29.30	28.87	28.21	28.50	28.83	29.24	25.28	25.31	25.46	25.10
168.0	29.18	28.67	28.22	28.51	28.83	29.00	25.62	25.58	25.86	25.60
171.0	28.95	28.40	28.22	28.50	28.72	28.67	26.08	25.95	26.32	26.16
174.0	28.64	28.20	28.22	28.45	28.55	28.31	26.63	26.44	26.89	26.79
177.0	28.34	27.99	28.21	28.37	28.34	27.94	27.33	27.08	27.52	27.49
180.0	28.06	27.81	28.08	28.21	27.96	27.55	28.02	27.74	28.05	28.14
G/C	300.0	330.0								
0.0	5375	5373								
3.0	5375	5343								
6.0	5216	5158								
9.0	4890	4811								
12.0	4408	4304								
15.0	3819	3698								
18.0	3170	3074								
21.0	2533	2423								
24.0	1955	1869								
27.0	1466	1386								
30.0	1077	1013								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-08-08

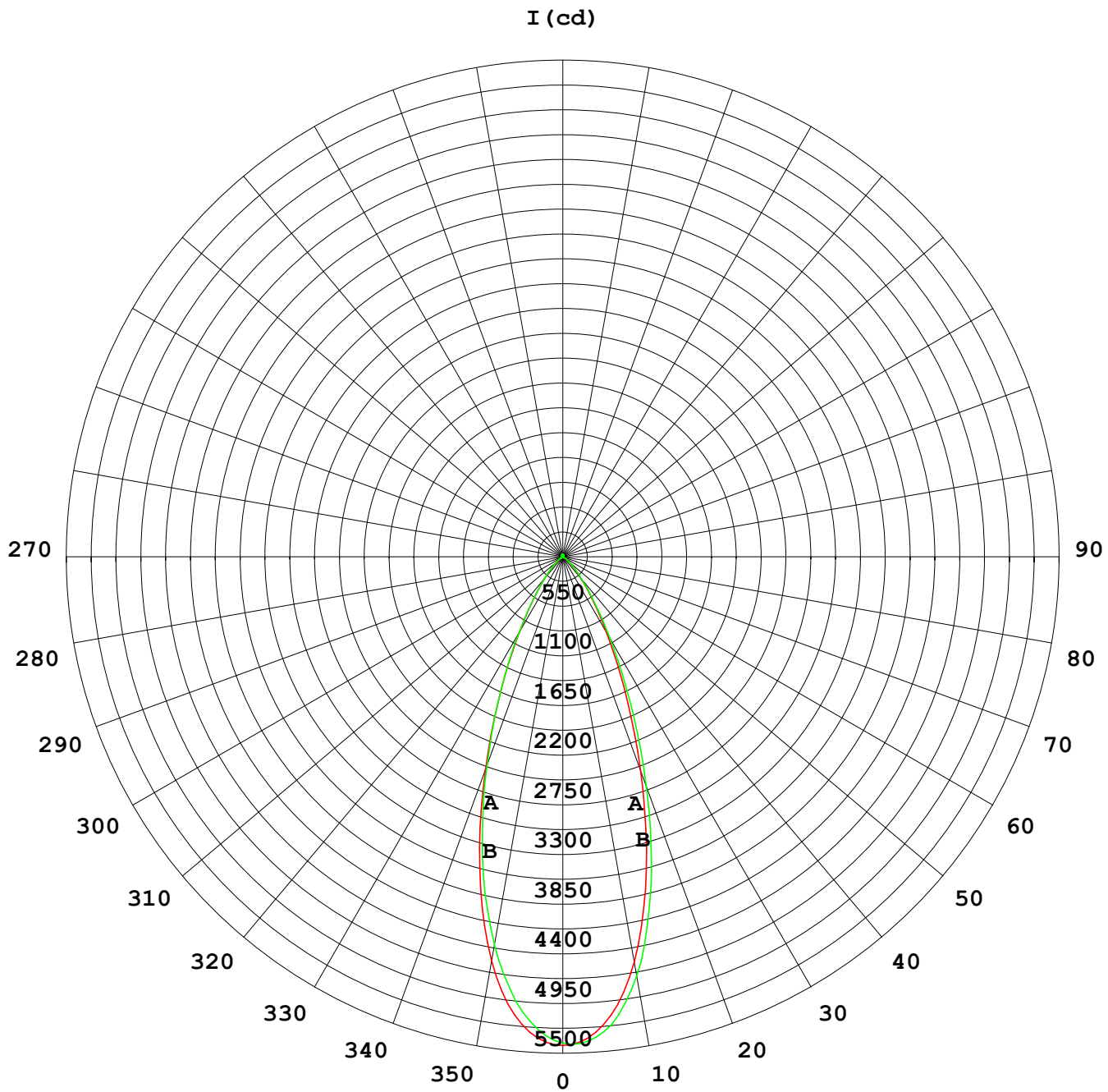
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

33.0	778.5	725.0
36.0	554.6	519.1
39.0	392.3	368.3
42.0	269.2	255.7
45.0	183.2	174.2
48.0	122.4	116.5
51.0	79.18	75.16
54.0	49.18	46.62
57.0	29.29	27.47
60.0	17.18	16.16
63.0	10.28	9.871
66.0	6.465	6.175
69.0	4.115	4.015
72.0	2.758	2.698
75.0	1.995	2.009
78.0	1.977	1.928
81.0	2.033	1.928
84.0	2.194	2.032
87.0	2.429	2.255
90.0	2.714	2.539
93.0	3.097	2.940
96.0	3.567	3.391
99.0	4.098	3.922
102.0	4.717	4.539
105.0	5.416	5.232
108.0	6.226	6.022
111.0	7.146	6.979
114.0	8.178	7.992
117.0	9.310	9.183
120.0	10.55	10.39
123.0	11.86	11.77
126.0	13.25	13.18
129.0	14.66	14.62
132.0	16.06	16.10
135.0	17.43	17.49
138.0	18.71	18.82
141.0	19.90	20.05
144.0	20.95	21.10
147.0	21.83	22.03
150.0	22.59	22.77
153.0	23.16	23.33
156.0	23.60	23.76
159.0	23.94	24.04
162.0	24.23	24.24
165.0	24.58	24.47
168.0	25.02	24.76
171.0	25.60	25.18
174.0	26.31	25.80
177.0	27.15	26.61
180.0	27.98	27.46

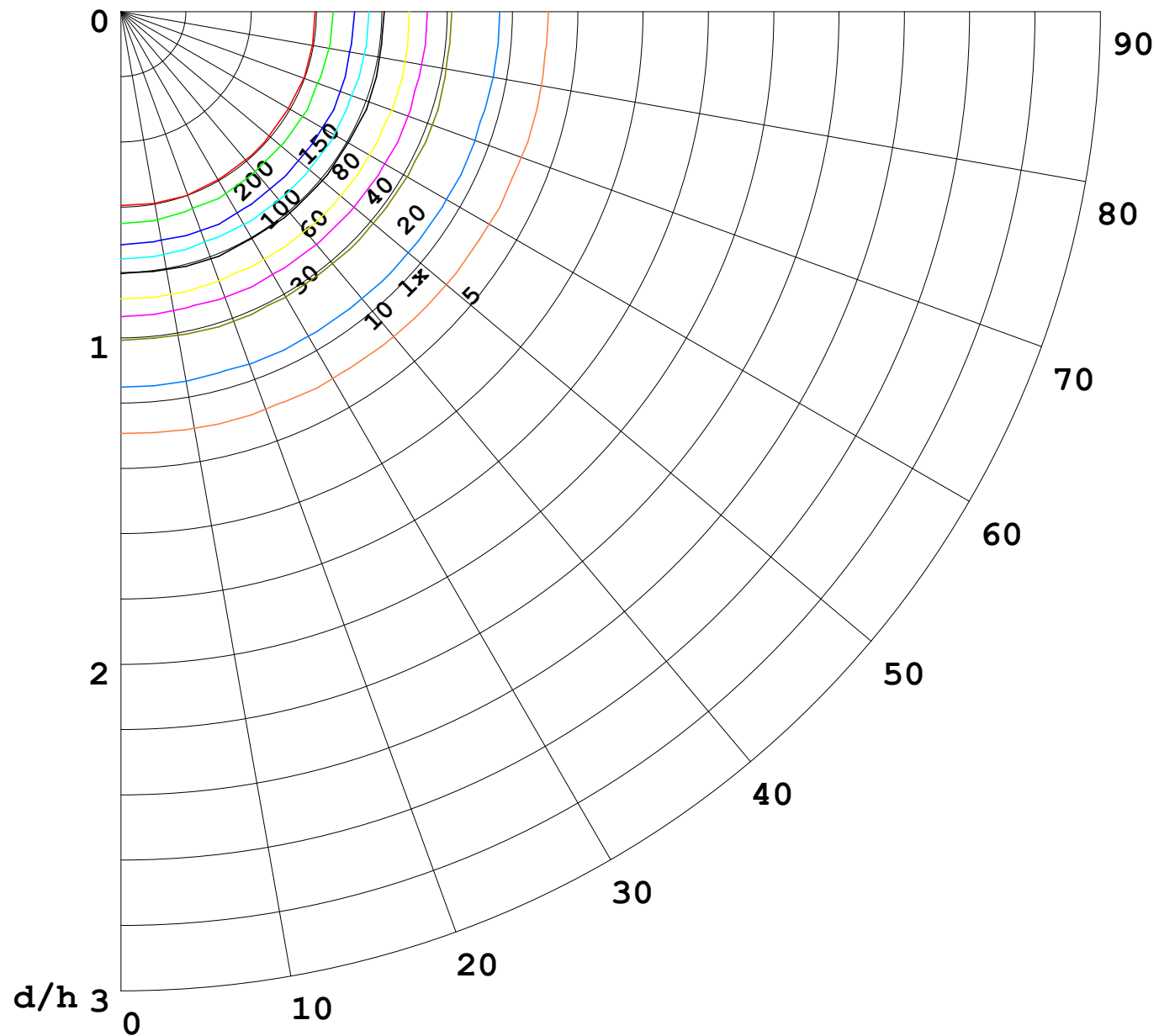
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-08-08

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

$K = 1$



$F = 5000 \text{ lm}$   
 $K = 0.7$   
 $H_{cc} = 0.0 \text{ m}$   
 $H_{fc} = 0.0 \text{ m}$   
 $E_{ave} = 100 \text{ lx}$

	$P_{cc}$	$P_w$	$P_{fc}$
—	70	50	30
—	50	30	20

