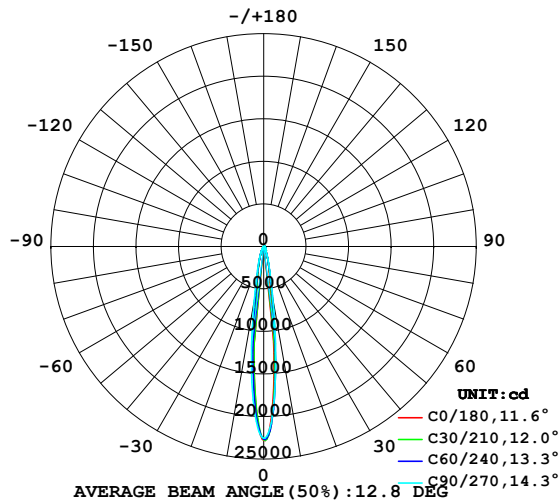


LUMINAIRE PHOTOMETRIC TEST REPORT

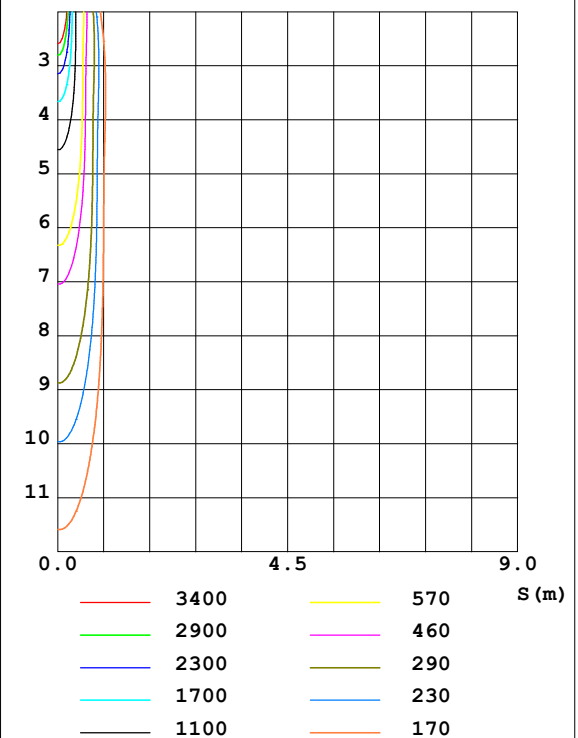
Test:U:24.00V I:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.51 lm/W			
MODEL	3535	I _{max} (cd)	22817	S/MH (C0/180)	0.21
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2490.9	η UP, DN (C0-180)	1.8, 47.4
NOMINAL FLUX (lm)	2490.9	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 49.4
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)		η down (%)	96.8	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



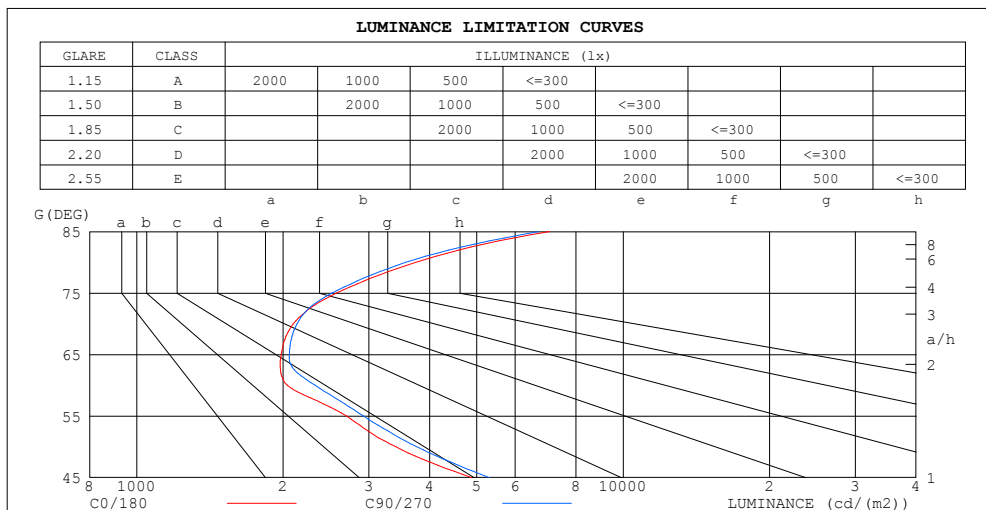
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	1408	1539	1589	1373	1312	1383	1602	1624	0- 5	440.2	440.2	17.7,17.7
10	469.5	546.8	624.4	502.0	470.9	513.3	654.5	638.8	5- 10	646.3	1087	43.6,43.6
15	230.8	243.0	258.8	236.4	242.7	253.2	279.5	273.6	10- 15	431.3	1518	60.9,60.9
20	122.7	127.4	133.2	125.5	132.2	137.8	146.8	141.1	15- 20	302.6	1820	73.1,73.1
25	64.39	66.59	69.11	66.70	70.78	74.00	77.59	74.21	20- 25	204.3	2025	81.3,81.3
30	35.17	35.85	36.86	36.36	38.83	40.53	41.88	39.94	25- 30	131.8	2157	86.6,86.6
35	19.93	20.32	20.79	20.73	22.17	22.90	23.37	22.35	30- 35	84.79	2241	90,90
40	11.66	11.95	12.28	12.25	13.01	13.17	13.22	12.90	35- 40	55.18	2296	92.2,92.2
45	6.902	7.215	7.498	7.451	7.624	7.637	7.571	7.491	40- 45	35.99	2332	93.6,93.6
50	4.380	4.627	4.837	4.799	4.526	4.489	4.391	4.412	45- 50	23.58	2356	94.6,94.6
55	3.095	3.250	3.355	3.359	2.819	2.694	2.560	2.645	50- 55	16.08	2372	95.2,95.2
60	2.038	2.180	2.326	2.293	1.400	1.353	1.350	1.407	55- 60	10.93	2383	95.7,95.7
65	1.675	1.717	1.741	1.756	0.7255	0.6970	0.6889	0.7343	60- 65	7.072	2390	96,96
70	1.436	1.460	1.462	1.482	0.3635	0.3628	0.3690	0.4011	65- 70	5.367	2396	96.2,96.2
75	1.333	1.327	1.305	1.339	0.1989	0.2225	0.2348	0.2430	70- 75	4.352	2400	96.3,96.3
80	1.301	1.268	1.241	1.290	0.1945	0.2111	0.2313	0.2230	75- 80	4.076	2404	96.5,96.5
85	1.230	1.170	1.170	1.219	0.2073	0.2187	0.2481	0.2264	80- 85	3.962	2408	96.7,96.7
90	1.101	1.048	1.072	1.115	0.2290	0.2379	0.2493	0.2417	85- 90	3.762	2412	96.8,96.8
95	0.9945	0.9879	1.012	1.032	0.2948	0.3036	0.3117	0.3014	90- 95	3.595	2415	97,97
100	0.9248	0.9528	0.9527	0.9480	0.3707	0.3769	0.3844	0.3744	95-100	3.574	2419	97.1,97.1
105	0.9024	0.9228	0.9017	0.8836	0.4479	0.4560	0.4654	0.4541	100-105	3.582	2422	97.3,97.3
110	0.8840	0.8954	0.8801	0.8576	0.5346	0.5469	0.5623	0.5472	105-110	3.629	2426	97.4,97.4
115	0.8706	0.8902	0.8967	0.8622	0.6450	0.6659	0.6968	0.6656	110-115	3.748	2430	97.5,97.5
120	0.8844	0.9336	0.9759	0.9205	0.7963	0.8444	0.8962	0.8380	115-120	4.002	2434	97.7,97.7
125	0.9850	1.060	1.135	1.064	1.054	1.114	1.153	1.097	120-125	4.510	2438	97.9,97.9
130	1.194	1.289	1.368	1.313	1.462	1.444	1.425	1.415	125-130	5.292	2444	98.1,98.1
135	1.569	1.609	1.656	1.638	1.799	1.736	1.686	1.714	130-135	6.135	2450	98.3,98.3
140	1.977	1.961	1.971	1.986	1.983	1.940	1.903	1.932	135-140	6.731	2456	98.6,98.6
145	2.278	2.286	2.256	2.310	2.096	2.077	2.042	2.067	140-145	6.908	2463	98.9,98.9
150	2.578	2.553	2.463	2.571	2.177	2.176	2.113	2.155	145-150	6.680	2470	99.2,99.2
155	2.855	2.749	2.577	2.760	2.257	2.255	2.148	2.211	150-155	6.125	2476	99.4,99.4
160	3.002	2.832	2.605	2.858	2.328	2.312	2.156	2.231	155-160	5.285	2481	99.6,99.6
165	2.956	2.781	2.566	2.845	2.365	2.343	2.142	2.205	160-165	4.197	2486	99.8,99.8
170	2.793	2.591	2.491	2.720	2.371	2.349	2.144	2.116	165-170	2.960	2489	99.9,99.9
175	2.512	2.366	2.442	2.510	2.270	2.324	2.246	2.084	170-175	1.715	2490	100,100
180	2.210	2.307	2.402	2.287	2.207	2.310	2.394	2.284	175-180	0.5530	2491	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7059	6712
80	3746	3573
75	2575	2522
70	2099	2137
65	1981	2059
60	2038	2326
55	2698	2924
50	3407	3762
45	4880	5302

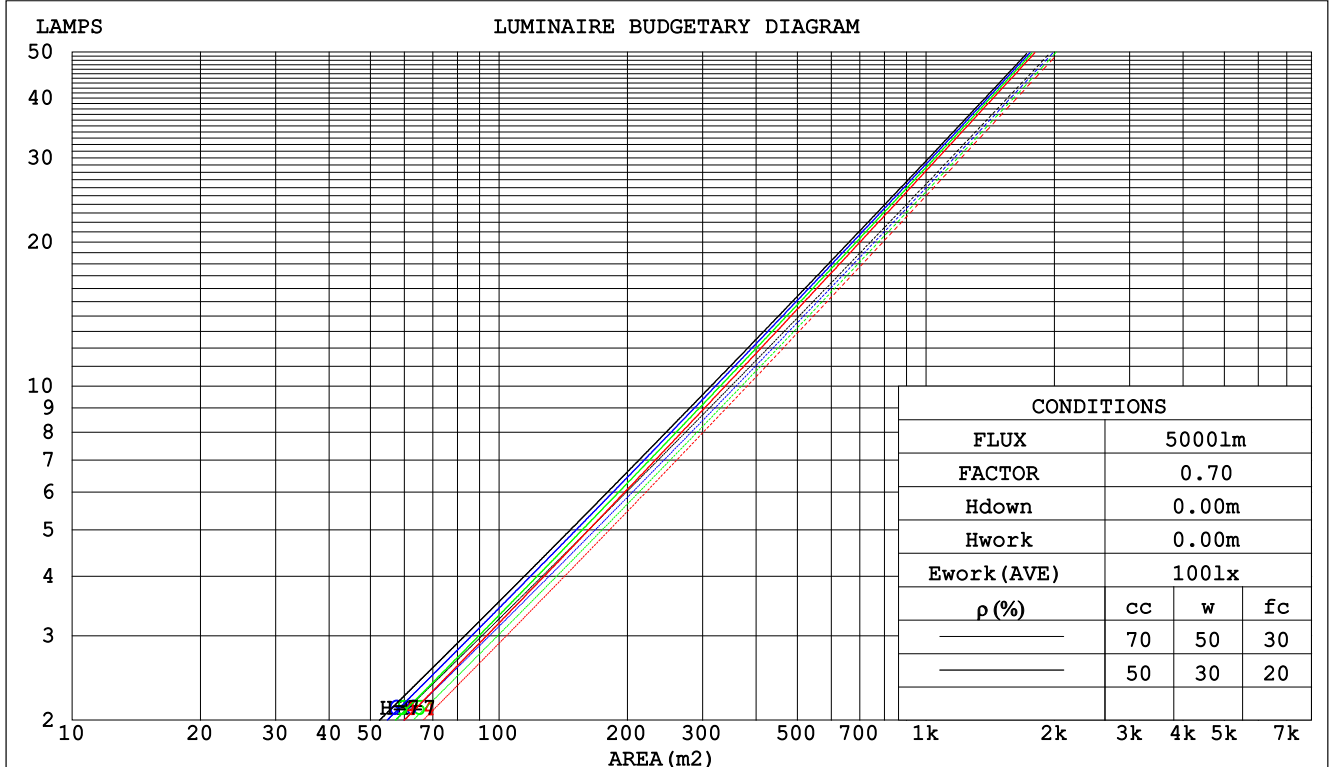
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	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	1.12	1.10	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.00	.98	.96	.97	.95	.94	.94	.93	.91	.90
3.0	1.01	.97	.94	.90	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.93	.90	.88	.91	.89	.87	.89	.87	.85	.84
5.0	.93	.89	.86	.92	.89	.86	.90	.87	.85	.89	.86	.84	.87	.85	.83	.81
6.0	.90	.86	.83	.89	.85	.82	.88	.84	.82	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.78	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.74	.80	.76	.73	.79	.75	.73	.78	.75	.73	.77	.75	.72	.72



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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm					
NAME: AW01-24V-3535-18-3000K-A-15			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	.146	.083	.026	.138	.079	.025	.124	.071	.023	.111	.064	.021	.099	.057	.019	
2.0	.134	.074	.023	.128	.071	.022	.116	.065	.020	.105	.059	.018	.095	.054	.017	
3.0	.125	.066	.020	.119	.064	.019	.109	.059	.018	.100	.055	.017	.091	.050	.016	
4.0	.116	.060	.018	.111	.058	.017	.103	.055	.016	.095	.051	.015	.087	.047	.014	
5.0	.109	.055	.016	.105	.054	.016	.097	.051	.015	.090	.048	.014	.084	.045	.013	
6.0	.102	.051	.015	.099	.050	.014	.092	.047	.014	.086	.045	.013	.080	.042	.013	
7.0	.097	.048	.014	.094	.047	.013	.088	.044	.013	.082	.042	.012	.077	.040	.012	
8.0	.092	.045	.013	.089	.044	.012	.084	.042	.012	.079	.040	.012	.074	.038	.011	
9.0	.087	.042	.012	.085	.041	.012	.080	.040	.011	.076	.038	.011	.071	.036	.010	
10.0	.083	.040	.011	.081	.039	.011	.077	.037	.011	.073	.036	.010	.069	.035	.010	

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	.215	.215	.215	.184	.184	.184	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.193	.182	.172	.165	.156	.148	.113	.107	.102	.065	.062	.059	.021	.020	.019	
2.0	.176	.157	.142	.151	.135	.122	.103	.094	.085	.060	.054	.050	.019	.018	.016	
3.0	.161	.138	.120	.138	.119	.104	.095	.083	.073	.055	.048	.043	.018	.016	.014	
4.0	.149	.123	.103	.128	.106	.089	.088	.074	.063	.051	.043	.037	.016	.014	.012	
5.0	.138	.111	.090	.119	.096	.078	.082	.067	.055	.047	.039	.033	.015	.013	.011	
6.0	.130	.101	.080	.111	.087	.070	.077	.061	.049	.045	.036	.029	.014	.012	.010	
7.0	.122	.093	.072	.105	.080	.063	.072	.056	.045	.042	.033	.027	.014	.011	.009	
8.0	.115	.086	.066	.099	.075	.057	.069	.052	.041	.040	.031	.024	.013	.010	.008	
9.0	.109	.080	.061	.094	.070	.053	.065	.049	.038	.038	.029	.022	.012	.009	.007	
10.0	.104	.076	.056	.090	.066	.049	.062	.046	.035	.036	.027	.021	.012	.009	.007	

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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm										
NAME: AW01-24V-3535-18-3000K-A-15						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	9.7	10.4	10.0	10.6	10.8	10.0	10.6	10.2	10.8	11.0
3H	10.3	10.9	10.5	11.1	11.3	10.5	11.1	10.8	11.3	11.6
4H	10.7	11.3	11.0	11.6	11.8	10.9	11.5	11.2	11.7	12.0
6H	11.5	12.0	11.8	12.3	12.6	11.6	12.1	11.9	12.4	12.7
8H	12.1	12.6	12.4	12.9	13.2	12.1	12.6	12.4	12.9	13.2
12H	12.8	13.3	13.1	13.6	13.9	12.7	13.3	13.1	13.6	13.9
4H 2H	9.8	10.4	10.1	10.7	10.9	10.0	10.6	10.4	10.9	11.2
3H	10.6	11.1	10.9	11.4	11.7	10.8	11.3	11.1	11.6	11.9
4H	11.3	11.7	11.6	12.1	12.4	11.4	11.9	11.8	12.2	12.6
6H	12.3	12.8	12.8	13.1	13.5	12.4	12.8	12.8	13.2	13.6
8H	13.1	13.5	13.5	13.9	14.3	13.0	13.4	13.5	13.8	14.3
12H	14.0	14.4	14.5	14.8	15.2	13.9	14.3	14.4	14.7	15.1
8H 4H	11.6	11.9	12.0	12.3	12.8	11.7	12.1	12.1	12.5	12.9
6H	12.9	13.3	13.4	13.7	14.2	13.0	13.3	13.4	13.7	14.2
8H	13.9	14.2	14.4	14.7	15.2	13.8	14.1	14.3	14.6	15.1
12H	15.1	15.3	15.6	15.8	16.4	15.0	15.2	15.5	15.7	16.2
12H 4H	11.6	12.0	12.1	12.4	12.9	11.8	12.1	12.2	12.5	13.0
6H	13.1	13.4	13.6	13.9	14.4	13.1	13.4	13.6	13.9	14.4
8H	14.2	14.4	14.7	14.9	15.5	14.1	14.4	14.7	14.9	15.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.6				
1.5H	+ 0.9 / - 0.4					+ 1.0 / - 0.4				
2.0H	+ 0.5 / - 0.3					+ 0.6 / - 0.3				

CIE Pub.117 Corrected 2491 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.2)

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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

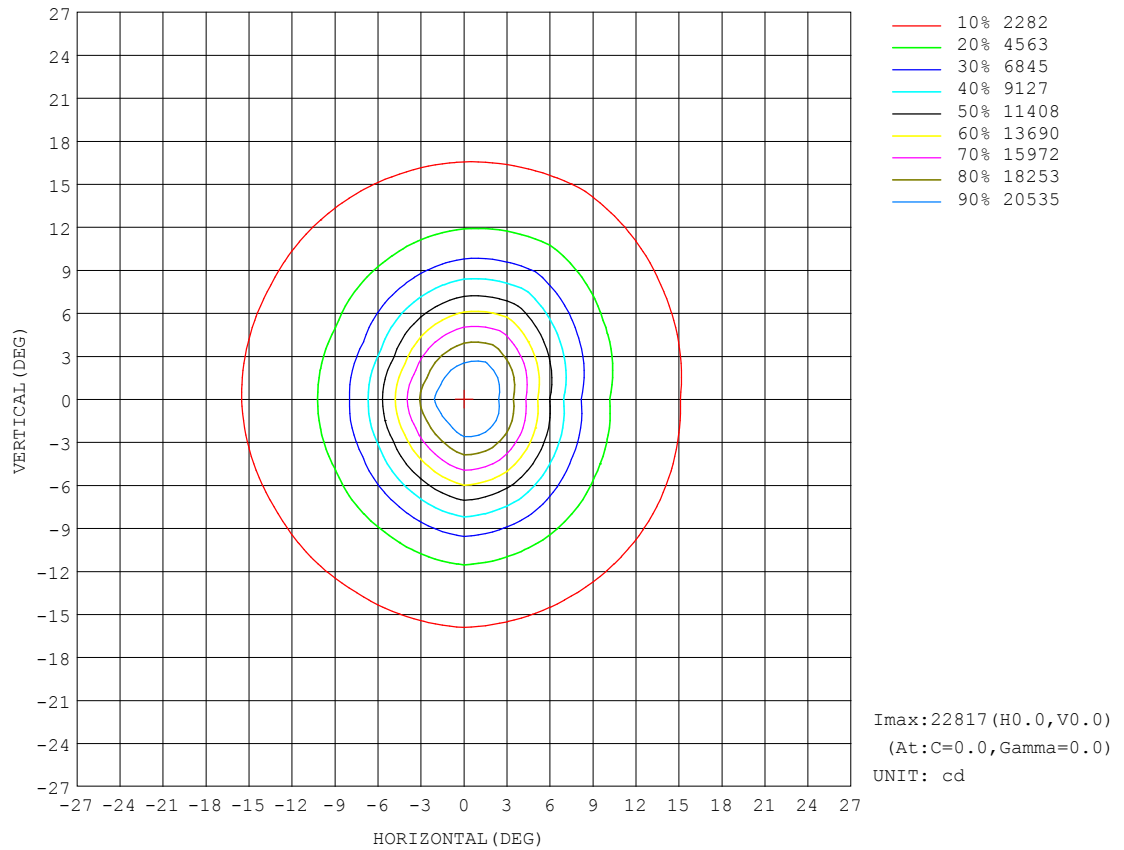
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	77	86	80	77	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	97	92	89	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	102	100	93
4.00	113	110	108	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
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: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

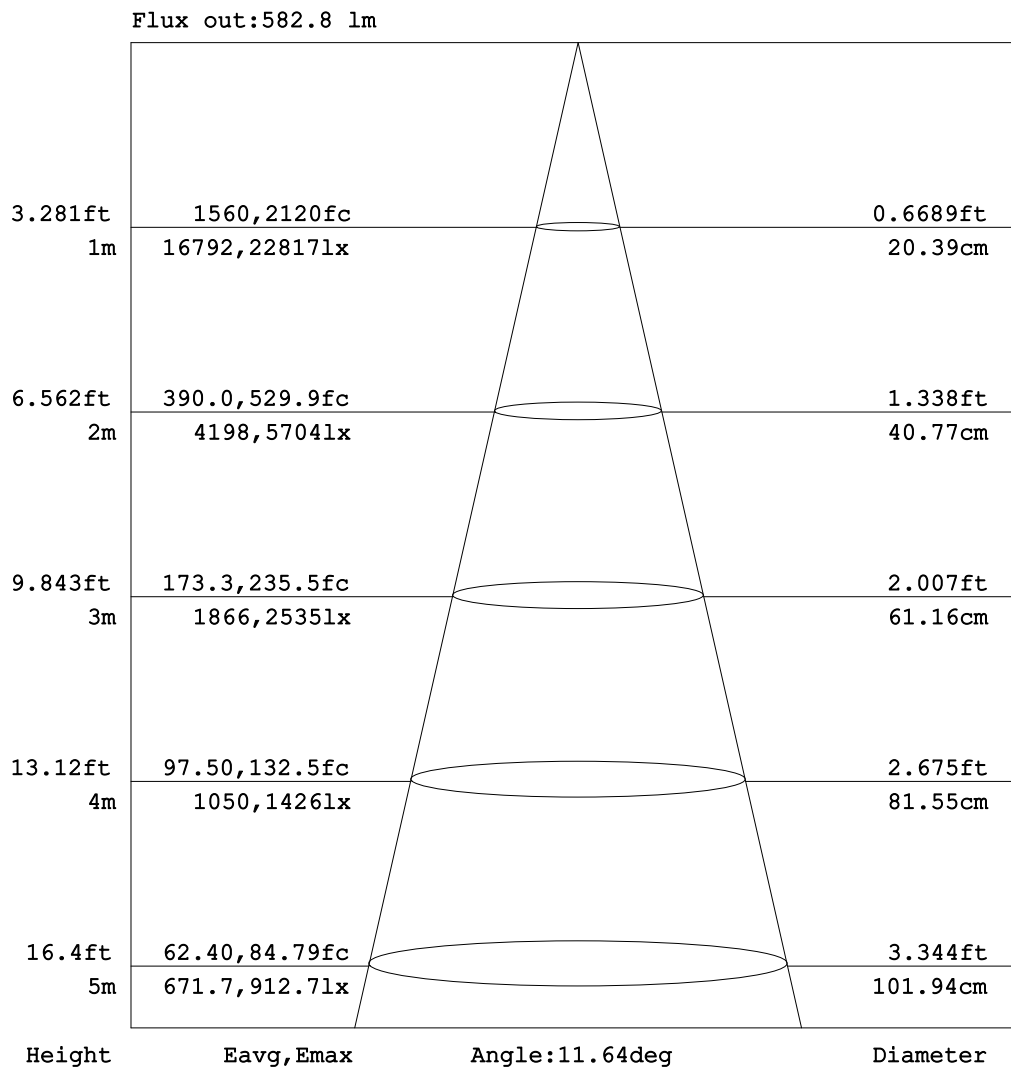


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



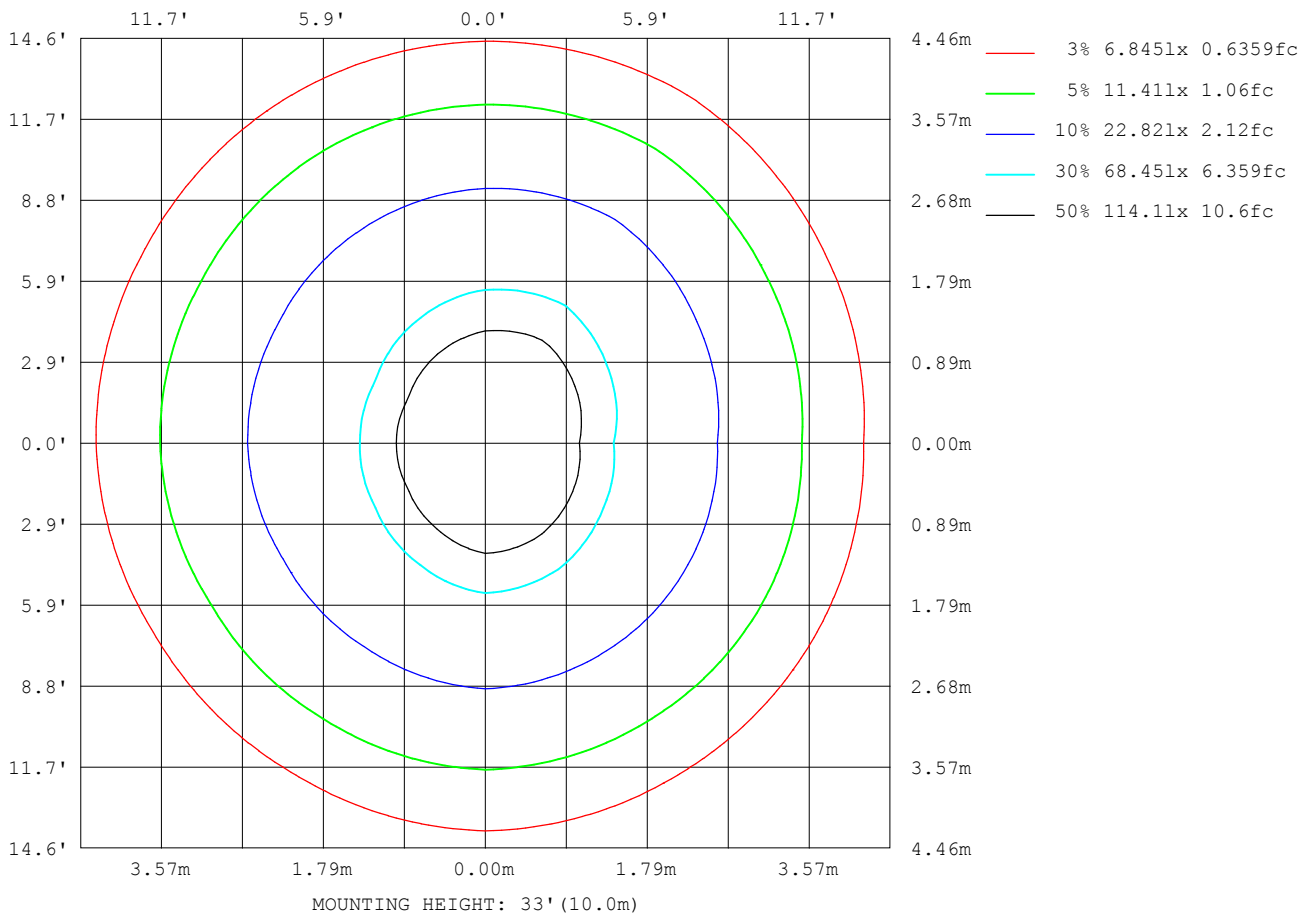
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

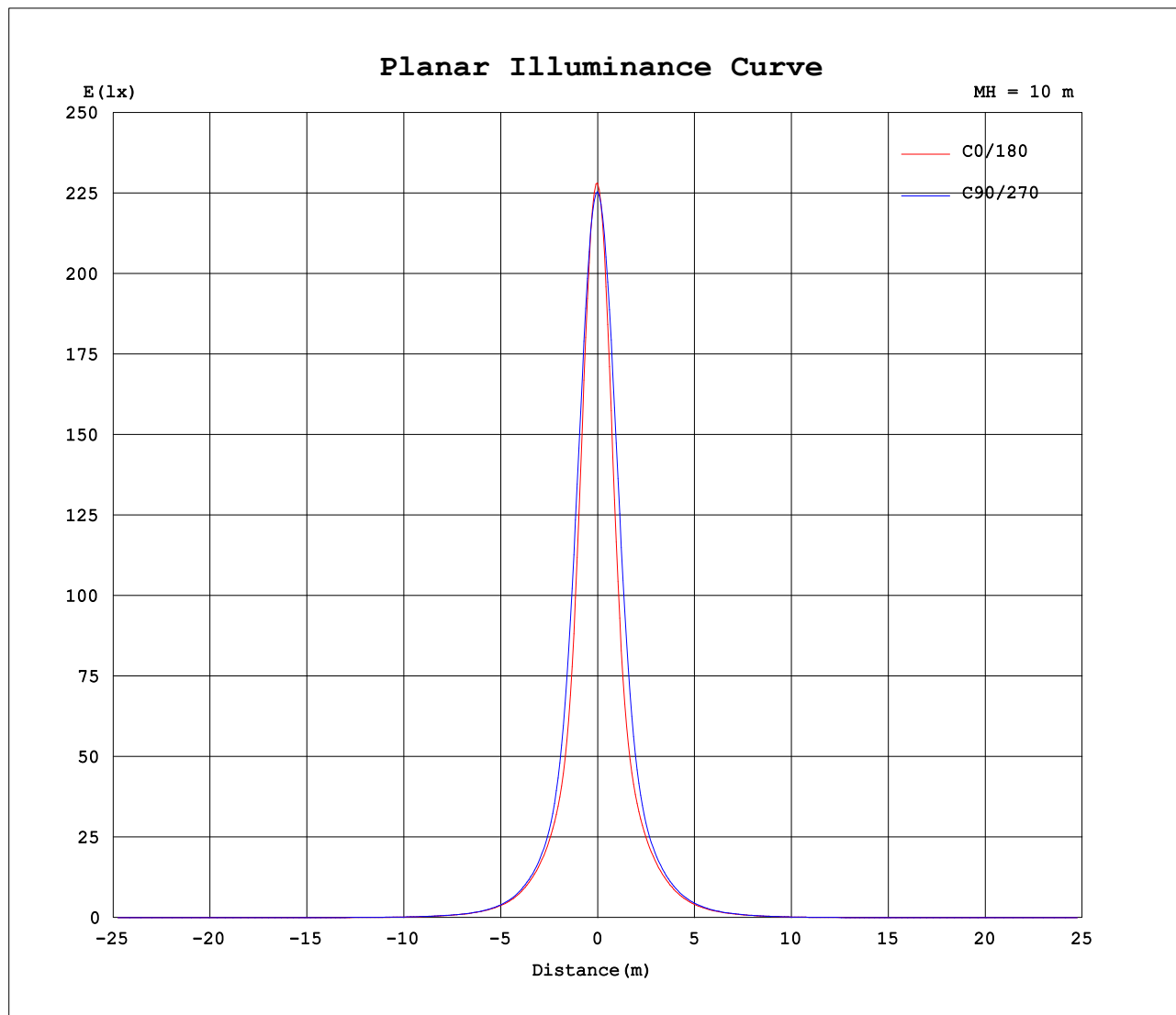
Test:U:24.00V I:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:1.451A P:34.83W PF:1.000 Lamp Flux:2490.9x1 lm		
NAME: AW01-24V-3535-18-3000K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×10cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2282	2273	2265	2254	2250	2263	2282	2273	2265	2254	2250	2263						
5	1408	1497	1581	1589	1430	1316	1312	1309	1457	1602	1685	1562						
10	470	507	587	624	531	473	471	475	551	654	709	569						
15	231	239	247	259	240	233	243	245	261	280	292	255						
20	123	127	128	133	126	125	132	134	142	147	149	133						
25	64.4	66.3	66.8	69.1	66.2	67.2	70.8	72.3	75.7	77.6	78.1	70.3						
30	35.2	35.9	35.8	36.9	35.9	36.9	38.8	39.9	41.1	41.9	41.6	38.3						
35	19.9	20.4	20.3	20.8	20.4	21.0	22.2	22.8	23.0	23.4	23.0	21.7						
40	11.7	11.9	12.0	12.3	12.1	12.4	13.0	13.1	13.2	13.2	13.2	12.6						
45	6.90	7.13	7.30	7.50	7.42	7.48	7.62	7.63	7.64	7.57	7.66	7.32						
50	4.38	4.54	4.72	4.84	4.82	4.78	4.53	4.50	4.47	4.39	4.49	4.33						
55	3.10	3.21	3.30	3.35	3.36	3.36	2.82	2.74	2.65	2.56	2.67	2.62						
60	2.04	2.11	2.25	2.33	2.32	2.27	1.40	1.35	1.36	1.35	1.44	1.37						
65	1.67	1.69	1.74	1.74	1.76	1.75	0.73	0.70	0.69	0.69	0.72	0.74						
70	1.44	1.44	1.48	1.46	1.49	1.48	0.36	0.37	0.36	0.37	0.39	0.41						
75	1.33	1.33	1.32	1.31	1.34	1.34	0.20	0.22	0.22	0.23	0.24	0.25						
80	1.30	1.29	1.25	1.24	1.29	1.29	0.19	0.20	0.22	0.23	0.23	0.22						
85	1.23	1.19	1.15	1.17	1.21	1.23	0.21	0.21	0.23	0.25	0.24	0.22						
90	1.10	1.05	1.05	1.07	1.11	1.12	0.23	0.23	0.25	0.25	0.25	0.23						
95	0.99	0.98	1.00	1.01	1.04	1.02	0.29	0.29	0.31	0.31	0.31	0.29						
100	0.92	0.94	0.96	0.95	0.97	0.93	0.37	0.37	0.39	0.38	0.38	0.37						
105	0.90	0.92	0.93	0.90	0.89	0.87	0.45	0.45	0.47	0.47	0.46	0.45						
110	0.88	0.89	0.90	0.88	0.86	0.86	0.53	0.53	0.56	0.56	0.56	0.54						
115	0.87	0.88	0.90	0.90	0.86	0.86	0.65	0.65	0.68	0.70	0.68	0.65						
120	0.88	0.92	0.95	0.98	0.94	0.90	0.80	0.81	0.87	0.90	0.86	0.81						
125	0.99	1.03	1.09	1.13	1.10	1.03	1.05	1.09	1.14	1.15	1.13	1.07						
130	1.19	1.25	1.33	1.37	1.35	1.28	1.46	1.45	1.44	1.42	1.42	1.41						
135	1.57	1.59	1.63	1.66	1.65	1.62	1.80	1.76	1.71	1.69	1.69	1.73						
140	1.98	1.96	1.96	1.97	1.99	1.98	1.98	1.95	1.93	1.90	1.92	1.95						
145	2.28	2.29	2.28	2.26	2.30	2.32	2.10	2.08	2.07	2.04	2.06	2.07						
150	2.58	2.58	2.53	2.46	2.55	2.59	2.18	2.17	2.18	2.11	2.16	2.15						
155	2.85	2.81	2.68	2.58	2.71	2.81	2.26	2.25	2.25	2.15	2.20	2.22						
160	3.00	2.92	2.74	2.61	2.78	2.93	2.33	2.32	2.30	2.16	2.20	2.26						
165	2.96	2.88	2.68	2.57	2.78	2.91	2.36	2.36	2.32	2.14	2.15	2.26						
170	2.79	2.68	2.50	2.49	2.66	2.77	2.37	2.37	2.32	2.14	2.06	2.17						
175	2.51	2.36	2.37	2.44	2.50	2.52	2.27	2.32	2.33	2.25	2.13	2.04						
180	2.21	2.25	2.37	2.40	2.34	2.23	2.21	2.25	2.37	2.39	2.34	2.22						

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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	22817	22732	22646	22539	22505	22627	22817	22732	22646	22539
2.5	20398	20912	20956	20732	19718	19381	19647	19339	19952	20576
5.0	14078	14974	15813	15893	14303	13160	13122	13091	14571	16017
7.5	8005	8841	10044	10496	8941	7798	7603	7695	9199	10749
10.0	4695	5067	5868	6244	5315	4726	4709	4753	5513	6545
12.5	3195	3343	3613	3822	3416	3225	3300	3330	3632	4094
15.0	2308	2391	2469	2588	2397	2332	2427	2451	2612	2795
17.5	1691	1740	1779	1843	1741	1706	1794	1824	1923	2021
20.0	1227	1265	1282	1332	1260	1249	1322	1340	1417	1468
22.5	887.2	913.2	926.0	958.2	913.3	911.9	965.6	984.7	1036	1070
25.0	643.9	663.5	668.2	691.1	662.3	671.7	707.8	722.7	757.3	775.9
27.5	473.9	484.8	486.9	501.2	484.9	495.8	521.3	535.9	555.1	568.8
30.0	351.7	358.6	358.5	368.6	358.5	368.8	388.3	399.4	411.1	418.8
32.5	263.4	268.5	268.0	274.7	268.9	276.6	291.3	300.6	305.0	311.5
35.0	199.3	203.7	202.8	207.9	204.2	210.4	221.7	228.3	229.7	233.7
37.5	151.6	155.3	154.7	159.0	156.2	161.0	169.7	172.2	174.2	174.8
40.0	116.6	119.3	119.6	122.8	121.0	123.9	130.1	131.3	132.1	132.2
42.5	89.49	92.01	92.97	95.57	94.28	95.98	99.74	99.83	100.5	99.80
45.0	69.02	71.32	72.98	74.98	74.25	74.77	76.24	76.34	76.39	75.71
47.5	54.10	56.21	57.98	59.79	59.15	59.28	58.57	58.36	58.30	57.44
50.0	43.80	45.37	47.17	48.37	48.18	47.81	45.26	45.03	44.75	43.91
52.5	36.46	37.89	39.17	40.12	39.98	39.86	35.58	35.18	34.54	33.65
55.0	30.95	32.06	32.95	33.55	33.56	33.62	28.19	27.36	26.52	25.60
57.5	25.18	26.51	27.50	28.07	28.17	28.16	21.37	20.37	19.79	19.07
60.0	20.38	21.12	22.48	23.26	23.19	22.66	14.00	13.49	13.58	13.50
62.5	18.23	18.47	19.14	19.47	19.52	19.11	9.680	9.501	9.215	9.305
65.0	16.75	16.93	17.42	17.41	17.63	17.48	7.255	7.035	6.905	6.889
67.5	15.43	15.58	16.01	15.91	16.15	16.02	5.273	5.203	5.050	5.114
70.0	14.36	14.44	14.76	14.62	14.88	14.77	3.635	3.690	3.566	3.690
72.5	13.63	13.66	13.80	13.57	13.94	13.81	2.503	2.688	2.586	2.751
75.0	13.33	13.30	13.24	13.05	13.43	13.35	1.989	2.201	2.249	2.348
77.5	13.19	13.14	12.89	12.73	13.16	13.15	1.961	2.105	2.215	2.296
80.0	13.01	12.87	12.48	12.41	12.86	12.93	1.945	2.041	2.181	2.313
82.5	12.71	12.46	12.00	12.17	12.49	12.63	1.984	2.031	2.239	2.372
85.0	12.30	11.90	11.50	11.70	12.11	12.27	2.073	2.066	2.309	2.481
87.5	11.75	11.26	10.98	11.24	11.67	11.80	2.182	2.181	2.392	2.467
90.0	11.01	10.49	10.48	10.72	11.12	11.17	2.290	2.270	2.488	2.493
92.5	10.45	10.04	10.22	10.42	10.79	10.71	2.584	2.582	2.795	2.786
95.0	9.945	9.751	10.01	10.12	10.42	10.23	2.948	2.939	3.133	3.117
97.5	9.536	9.559	9.816	9.820	10.04	9.737	3.331	3.308	3.477	3.481
100.0	9.248	9.432	9.624	9.527	9.657	9.303	3.707	3.685	3.854	3.844
102.5	9.095	9.311	9.439	9.253	9.281	8.978	4.090	4.062	4.243	4.227
105.0	9.024	9.202	9.254	9.017	8.949	8.724	4.479	4.463	4.658	4.654
107.5	8.942	9.055	9.089	8.832	8.700	8.584	4.894	4.884	5.104	5.119
110.0	8.840	8.928	8.980	8.801	8.578	8.574	5.346	5.343	5.595	5.623
112.5	8.750	8.850	8.952	8.820	8.575	8.565	5.857	5.865	6.163	6.228
115.0	8.706	8.841	8.964	8.967	8.628	8.616	6.450	6.477	6.840	6.968
117.5	8.710	8.910	9.138	9.274	8.914	8.731	7.134	7.210	7.696	7.872
120.0	8.844	9.153	9.519	9.759	9.404	9.006	7.963	8.140	8.748	8.962
122.5	9.232	9.587	10.11	10.46	10.07	9.511	9.036	9.338	10.01	10.20
125.0	9.850	10.25	10.95	11.35	10.98	10.30	10.54	10.86	11.42	11.53
127.5	10.74	11.20	12.05	12.44	12.12	11.41	12.47	12.66	12.88	12.89
130.0	11.94	12.47	13.32	13.68	13.46	12.81	14.62	14.51	14.37	14.25
132.5	13.63	14.06	14.75	15.07	14.95	14.45	16.52	16.22	15.78	15.59
135.0	15.69	15.89	16.29	16.56	16.54	16.22	17.99	17.60	17.12	16.86
137.5	17.86	17.78	17.91	18.12	18.20	18.03	19.03	18.71	18.29	18.03
140.0	19.77	19.65	19.58	19.71	19.88	19.85	19.83	19.53	19.26	19.03
142.5	21.36	21.36	21.24	21.22	21.53	21.57	20.45	20.21	20.07	19.82
145.0	22.78	22.92	22.79	22.56	23.03	23.16	20.96	20.80	20.74	20.42
147.5	24.25	24.37	24.16	23.71	24.38	24.62	21.39	21.30	21.31	20.84
150.0	25.78	25.76	25.30	24.63	25.47	25.95	21.77	21.74	21.77	21.13
152.5	27.25	27.06	26.18	25.30	26.36	27.15	22.16	22.15	22.20	21.35
155.0	28.55	28.15	26.83	25.77	27.06	28.14	22.57	22.55	22.55	21.48
157.5	29.52	28.90	27.27	26.01	27.55	28.89	22.96	22.89	22.83	21.55
160.0	30.02	29.19	27.45	26.05	27.83	29.34	23.28	23.20	23.04	21.56
162.5	30.02	29.18	27.37	25.96	27.88	29.39	23.50	23.44	23.21	21.54
165.0	29.56	28.77	26.85	25.66	27.76	29.14	23.65	23.61	23.24	21.42
167.5	28.82	28.00	25.99	25.27	27.30	28.57	23.71	23.73	23.25	21.38
170.0	27.93	26.81	25.02	24.91	26.65	27.74	23.71	23.73	23.25	21.44
172.5	26.76	25.22	24.20	24.61	25.87	26.57	23.50	23.65	23.25	21.84
175.0	25.12	23.58	23.74	24.42	25.04	25.17	22.70	23.21	23.28	22.46
177.5	23.27	22.58	23.65	24.27	24.26	23.71	21.82	22.72	23.47	23.20
180.0	22.10	22.49	23.65	24.02	23.43	22.31	22.07	22.52	23.69	23.94

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

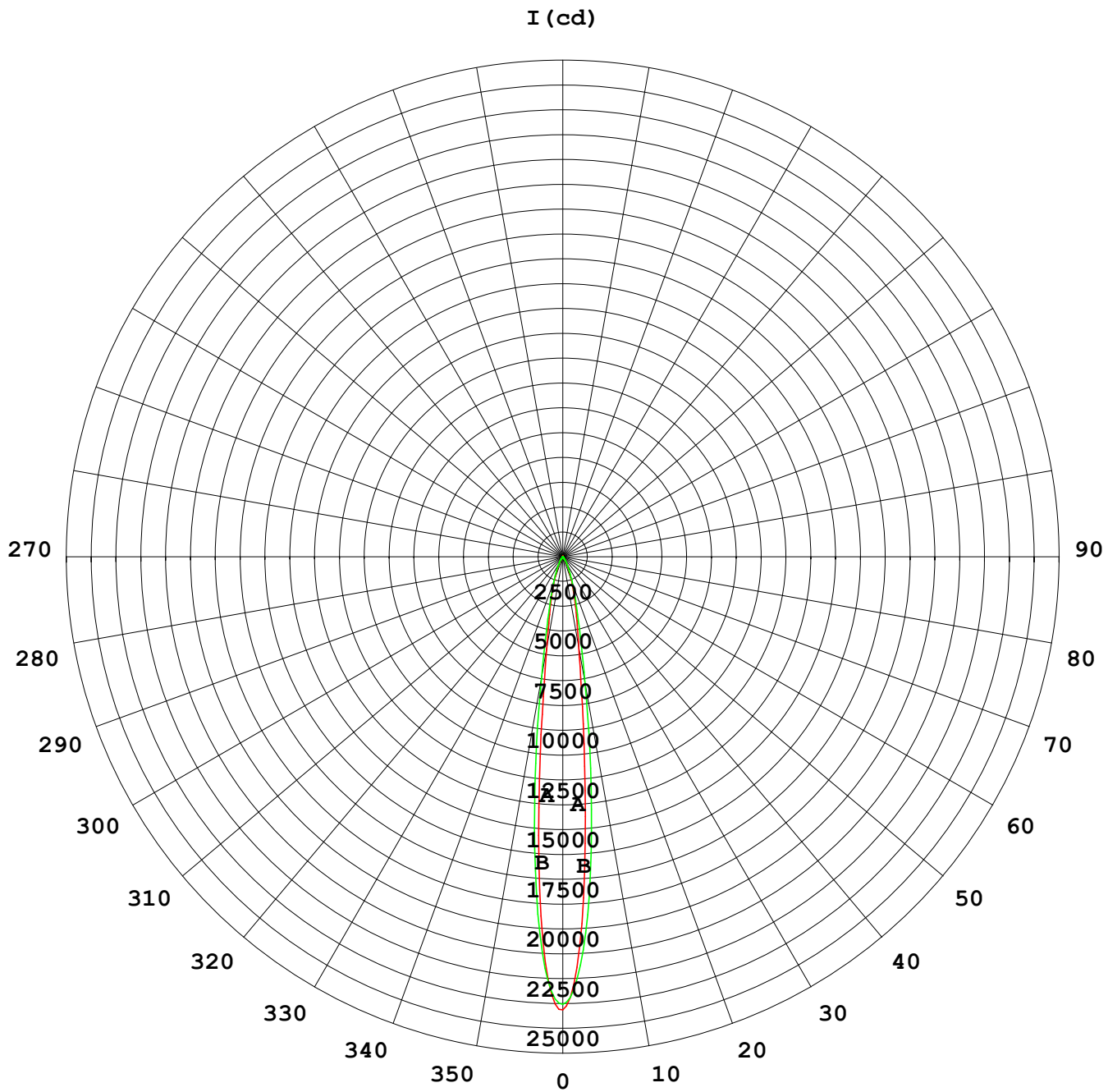
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	300.0	330.0
0.0	22505	22627
2.5	21241	21004
5.0	16854	15622
7.5	11508	9703
10.0	7089	5687
12.5	4390	3658
15.0	2922	2550
17.5	2059	1848
20.0	1488	1334
22.5	1078	968.8
25.0	781.3	702.9
27.5	566.8	517.0
30.0	416.2	382.7
32.5	306.3	286.6
35.0	229.9	217.1
37.5	174.2	164.4
40.0	132.3	125.7
42.5	100.7	95.69
45.0	76.59	73.23
47.5	58.51	55.96
50.0	44.90	43.34
52.5	34.67	33.94
55.0	26.66	26.24
57.5	20.05	19.54
60.0	14.41	13.73
62.5	9.952	9.896
65.0	7.249	7.437
67.5	5.369	5.624
70.0	3.897	4.124
72.5	2.873	3.084
75.0	2.378	2.482
77.5	2.276	2.265
80.0	2.266	2.194
82.5	2.303	2.152
85.0	2.360	2.168
87.5	2.411	2.250
90.0	2.500	2.333
92.5	2.769	2.569
95.0	3.107	2.920
97.5	3.458	3.296
100.0	3.815	3.672
102.5	4.217	4.042
105.0	4.632	4.450
107.5	5.085	4.884
110.0	5.576	5.368
112.5	6.144	5.891
115.0	6.808	6.503
117.5	7.638	7.222
120.0	8.646	8.115
122.5	9.884	9.256
125.0	11.26	10.69
127.5	12.69	12.36
130.0	14.17	14.13
132.5	15.58	15.84
135.0	16.93	17.35
137.5	18.14	18.55
140.0	19.17	19.47
142.5	19.99	20.15
145.0	20.65	20.70
147.5	21.15	21.14
150.0	21.55	21.55
152.5	21.84	21.89
155.0	22.03	22.19
157.5	22.06	22.45
160.0	22.01	22.60
162.5	21.84	22.68
165.0	21.51	22.60
167.5	21.03	22.27
170.0	20.64	21.69
172.5	20.71	20.89
175.0	21.28	20.40
177.5	22.26	20.84
180.0	23.45	22.24

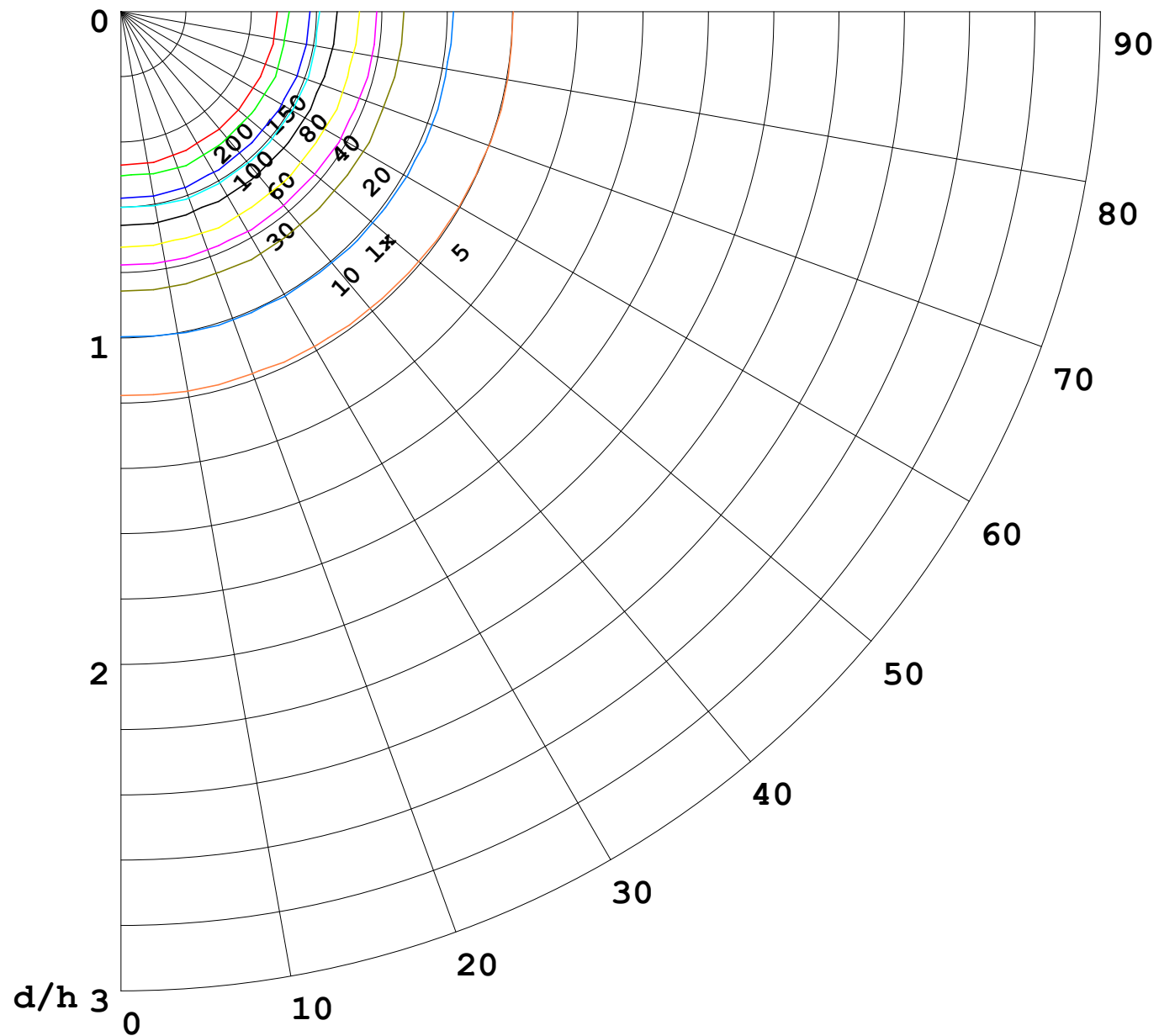
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:



1000 lm

$\kappa = 1$



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

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

