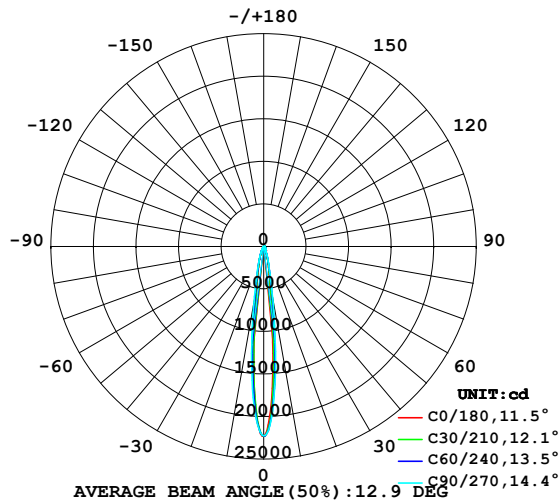


LUMINAIRE PHOTOMETRIC TEST REPORT

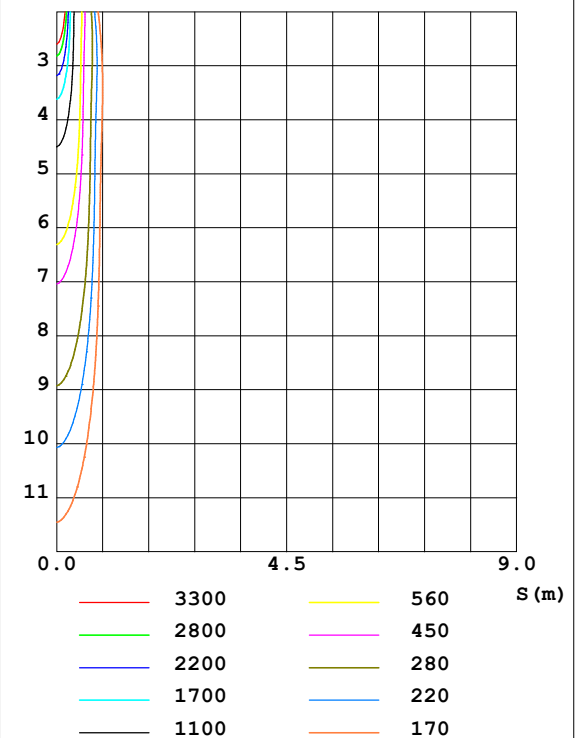
Test:U:24.00V I:1.486A P:35.66W PF:1.000 Lamp Flux:2399.9lx1 lm		
NAME: AW01-24V-3535-18-2700K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.29 lm/W			
MODEL	3535	I _{max} (cd)	22316	S/MH (C0/180)	0.20
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2399.9	η UP, DN (C0-180)	1.8, 46.9
NOMINAL FLUX (lm)	2399.91	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 49.9
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)



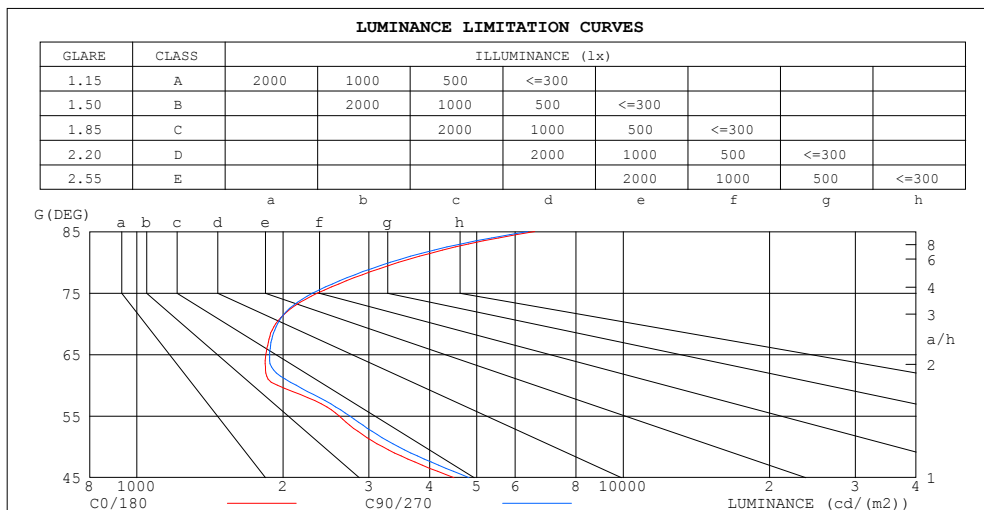
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-18

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	1264	1449	1567	1409	1366	1436	1578	1480	0- 5	431.4	431.4	18,18
10	426.6	515.8	616.4	499.3	472.5	539.8	666.3	566.4	5- 10	628.0	1059	44.1,44.1
15	211.5	229.3	251.7	231.7	238.9	256.2	278.8	250.5	10- 15	417.8	1477	61.6,61.6
20	111.1	118.8	127.4	121.5	128.6	138.0	144.5	129.7	15- 20	290.6	1768	73.7,73.7
25	57.99	61.31	65.13	63.43	67.67	73.41	76.03	67.81	20- 25	194.2	1962	81.8,81.8
30	31.54	32.68	34.31	33.99	36.45	39.73	40.92	36.48	25- 30	124.1	2086	86.9,86.9
35	17.76	18.31	19.09	19.02	20.61	22.23	22.76	20.51	30- 35	79.12	2165	90.2,90.2
40	10.51	10.77	11.17	11.13	12.04	12.73	12.87	11.91	35- 40	51.19	2216	92.4,92.4
45	6.353	6.582	6.822	6.763	7.092	7.410	7.404	6.978	40- 45	33.43	2250	93.7,93.7
50	4.117	4.299	4.435	4.392	4.257	4.398	4.338	4.163	45- 50	22.09	2272	94.7,94.7
55	2.988	3.084	3.141	3.128	2.682	2.707	2.591	2.580	50- 55	15.29	2287	95.3,95.3
60	1.945	2.043	2.126	2.087	1.344	1.338	1.312	1.305	55- 60	10.53	2298	95.7,95.7
65	1.558	1.578	1.585	1.595	0.6367	0.6172	0.6008	0.6216	60- 65	6.460	2304	96.96
70	1.320	1.333	1.332	1.345	0.2888	0.2900	0.2830	0.2987	65- 70	4.803	2309	96.2,96.2
75	1.218	1.207	1.191	1.218	0.1229	0.1448	0.1541	0.1482	70- 75	3.806	2313	96.4,96.4
80	1.200	1.163	1.153	1.192	0.1323	0.1482	0.1615	0.1491	75- 80	3.579	2316	96.5,96.5
85	1.146	1.091	1.110	1.150	0.1629	0.1775	0.2052	0.1794	80- 85	3.571	2320	96.7,96.7
90	1.048	1.007	1.040	1.083	0.2103	0.2243	0.2376	0.2268	85- 90	3.522	2324	96.8,96.8
95	0.9490	0.9525	0.9817	1.003	0.2784	0.2885	0.3005	0.2910	90- 95	3.465	2327	97.97
100	0.8871	0.9186	0.9238	0.9195	0.3507	0.3587	0.3685	0.3606	95- 100	3.443	2330	97.1,97.1
105	0.8665	0.8867	0.8739	0.8553	0.4237	0.4342	0.4459	0.4376	100-105	3.448	2334	97.2,97.2
110	0.8471	0.8611	0.8521	0.8272	0.5061	0.5218	0.5394	0.5256	105-110	3.488	2337	97.4,97.4
115	0.8321	0.8574	0.8684	0.8296	0.6097	0.6351	0.6685	0.6401	110-115	3.597	2341	97.5,97.5
120	0.8457	0.9063	0.9465	0.8788	0.7508	0.8057	0.8611	0.8091	115-120	3.842	2345	97.7,97.7
125	0.9485	1.035	1.099	1.010	0.9882	1.061	1.110	1.066	120-125	4.332	2349	97.9,97.9
130	1.158	1.261	1.323	1.244	1.380	1.376	1.375	1.383	125-130	5.090	2354	98.1,98.1
135	1.532	1.570	1.603	1.562	1.719	1.659	1.628	1.673	130-135	5.917	2360	98.3,98.3
140	1.923	1.908	1.906	1.906	1.902	1.860	1.835	1.877	135-140	6.501	2367	98.6,98.6
145	2.210	2.217	2.179	2.223	2.014	1.995	1.971	2.004	140-145	6.671	2373	98.9,98.9
150	2.503	2.471	2.380	2.482	2.094	2.095	2.042	2.088	145-150	6.453	2380	99.2,99.2
155	2.771	2.653	2.493	2.676	2.168	2.170	2.079	2.144	150-155	5.921	2386	99.4,99.4
160	2.900	2.726	2.522	2.783	2.241	2.228	2.087	2.163	155-160	5.111	2391	99.6,99.6
165	2.843	2.668	2.491	2.778	2.279	2.263	2.073	2.136	160-165	4.058	2395	99.8,99.8
170	2.680	2.486	2.431	2.660	2.288	2.275	2.076	2.048	165-170	2.864	2398	99.9,99.9
175	2.389	2.283	2.384	2.454	2.203	2.259	2.183	2.017	170-175	1.662	2399	100,100
180	2.117	2.243	2.339	2.227	2.112	2.247	2.330	2.223	175-180	0.5364	2400	100,100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			



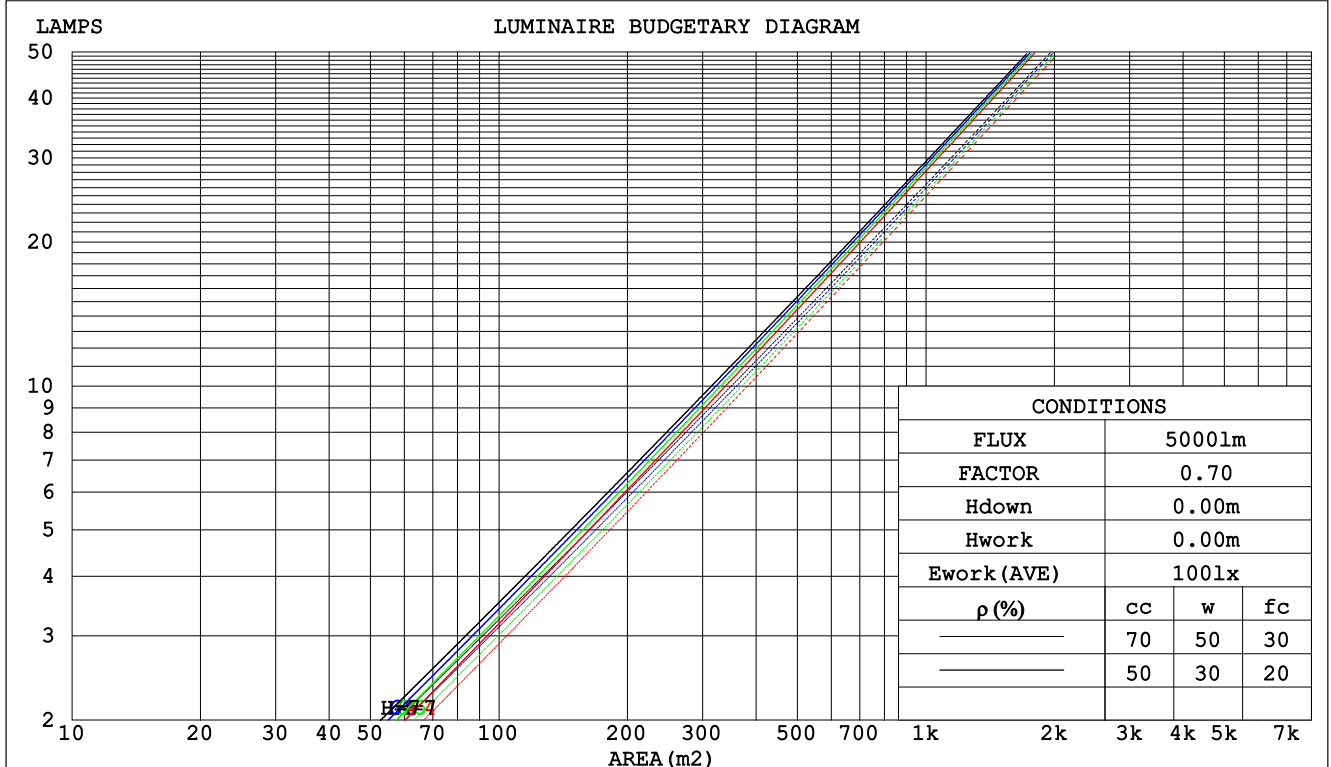
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-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	1.01	.98	.96	.97	.95	.94	.94	.93	.92	.90
3.0	1.01	.98	.95	.90	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.91	.89	.87	.89	.87	.85	.84
5.0	.94	.89	.86	.93	.89	.86	.91	.87	.85	.89	.86	.84	.87	.85	.83	.82
6.0	.91	.86	.83	.90	.86	.83	.88	.85	.82	.86	.84	.81	.85	.82	.81	.79
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.81	.78	.84	.81	.78	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
9.0	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.79	.77	.75	.74
10.0	.81	.77	.74	.80	.76	.74	.79	.76	.74	.78	.75	.73	.78	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm								
NAME: AW01-24V-3535-18-2700K-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	.145	.082	.026	.137	.078	.025	.123	.071	.023	.110	.064	.020	.098	.057	.018	
2.0	.133	.073	.022	.127	.070	.022	.115	.064	.020	.104	.058	.018	.094	.053	.017	
3.0	.124	.066	.020	.118	.063	.019	.108	.059	.018	.099	.054	.017	.090	.050	.015	
4.0	.115	.060	.018	.111	.058	.017	.102	.054	.016	.094	.050	.015	.086	.047	.014	
5.0	.108	.055	.016	.104	.053	.016	.096	.050	.015	.089	.047	.014	.083	.044	.013	
6.0	.102	.051	.015	.098	.050	.014	.091	.047	.014	.085	.044	.013	.080	.042	.012	
7.0	.096	.047	.013	.093	.046	.013	.087	.044	.013	.082	.042	.012	.076	.040	.012	
8.0	.091	.044	.012	.088	.043	.012	.083	.041	.012	.078	.040	.011	.073	.038	.011	
9.0	.086	.042	.012	.084	.041	.011	.079	.039	.011	.075	.038	.011	.071	.036	.010	
10.0	.082	.039	.011	.080	.039	.011	.076	.037	.010	.072	.036	.010	.068	.034	.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	.123	.103	.094	.085	.059	.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	.090	.088	.074	.063	.051	.043	.037	.016	.014	.012	
5.0	.138	.111	.090	.119	.096	.079	.082	.067	.055	.047	.039	.033	.015	.013	.011	
6.0	.129	.101	.080	.111	.087	.070	.077	.061	.049	.044	.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	.068	.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	.075	.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:2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.9lx1 lm										
NAME: AW01-24V-3535-18-2700K-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	9.3	9.9	9.5	10.1	10.3	9.5	10.2	9.8	10.4	10.6
3H	9.8	10.4	10.1	10.6	10.9	10.0	10.6	10.3	10.9	11.1
4H	10.3	10.8	10.6	11.1	11.4	10.4	11.0	10.7	11.3	11.5
6H	11.0	11.6	11.4	11.9	12.2	11.1	11.7	11.5	12.0	12.3
8H	11.6	12.1	11.9	12.4	12.7	11.6	12.2	12.0	12.5	12.8
12H	12.3	12.9	12.7	13.2	13.5	12.3	12.8	12.7	13.1	13.5
4H 2H	9.4	9.9	9.7	10.2	10.5	9.6	10.2	9.9	10.4	10.7
3H	10.1	10.6	10.5	10.9	11.3	10.3	10.8	10.7	11.1	11.5
4H	10.8	11.3	11.2	11.6	12.0	10.9	11.4	11.3	11.7	12.1
6H	11.9	12.3	12.3	12.7	13.1	11.9	12.3	12.3	12.7	13.1
8H	12.6	13.0	13.1	13.4	13.8	12.6	13.0	13.0	13.4	13.8
12H	13.6	13.9	14.0	14.4	14.8	13.5	13.9	14.0	14.3	14.7
8H 4H	11.1	11.5	11.5	11.9	12.3	11.2	11.6	11.6	12.0	12.4
6H	12.5	12.8	13.0	13.2	13.7	12.5	12.8	13.0	13.3	13.7
8H	13.4	13.7	13.9	14.2	14.7	13.4	13.7	13.9	14.1	14.6
12H	14.7	14.9	15.2	15.4	15.9	14.5	14.8	15.1	15.3	15.8
12H 4H	11.2	11.5	11.6	11.9	12.4	11.3	11.6	11.7	12.1	12.5
6H	12.7	13.0	13.2	13.4	13.9	12.7	13.0	13.2	13.4	13.9
8H	13.7	14.0	14.3	14.5	15.0	13.7	13.9	14.2	14.4	15.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.8 / - 0.4					+ 1.0 / - 0.4				
2.0H	+ 0.5 / - 0.3					+ 0.6 / - 0.3				

CIE Pub.117 Corrected 2400 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.0)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

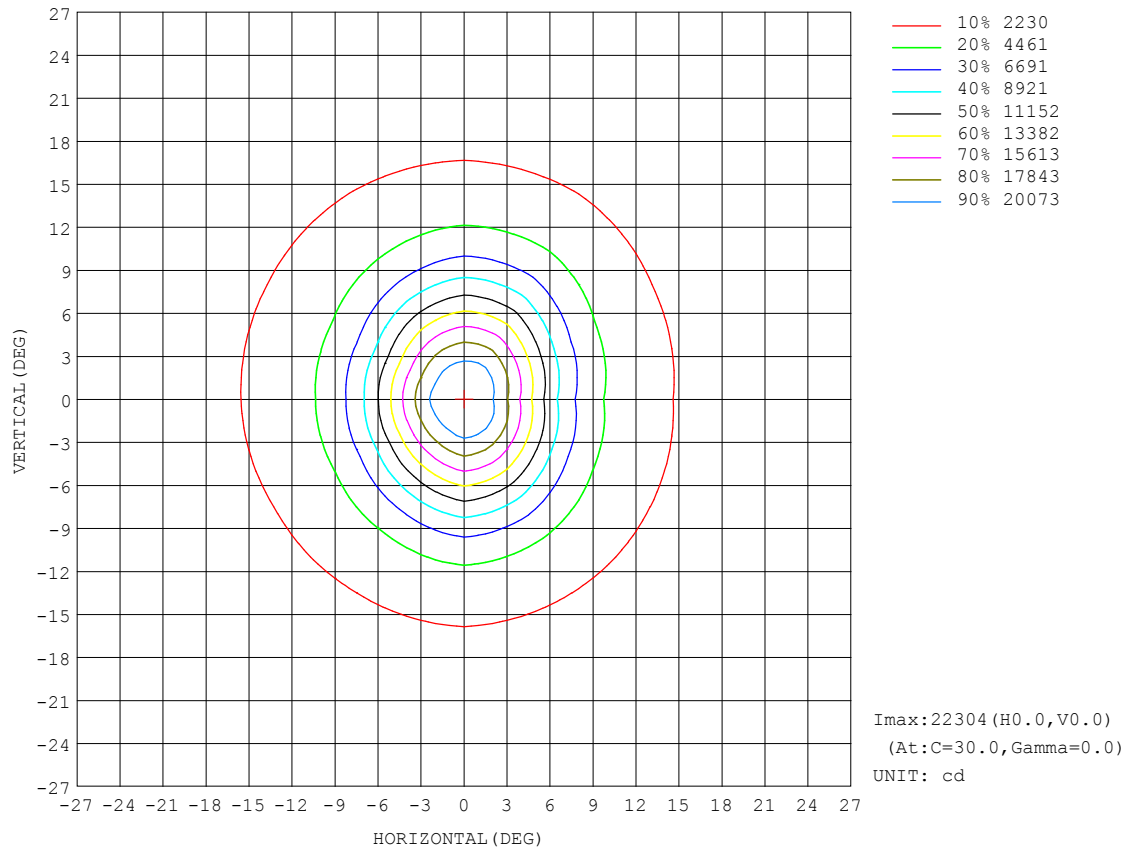
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	80	77	85	80	76	73
0.80	94	88	85	93	88	84	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	101	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: 2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

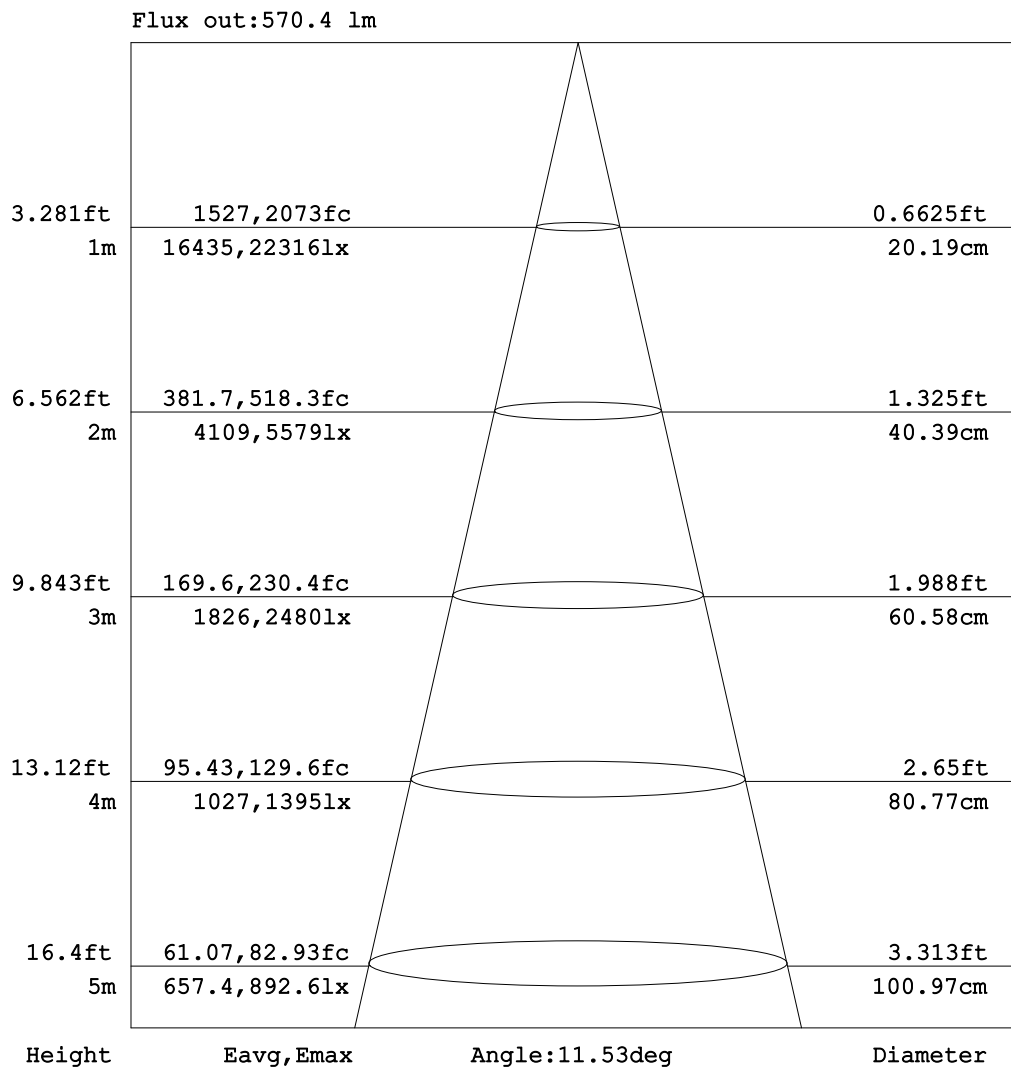


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



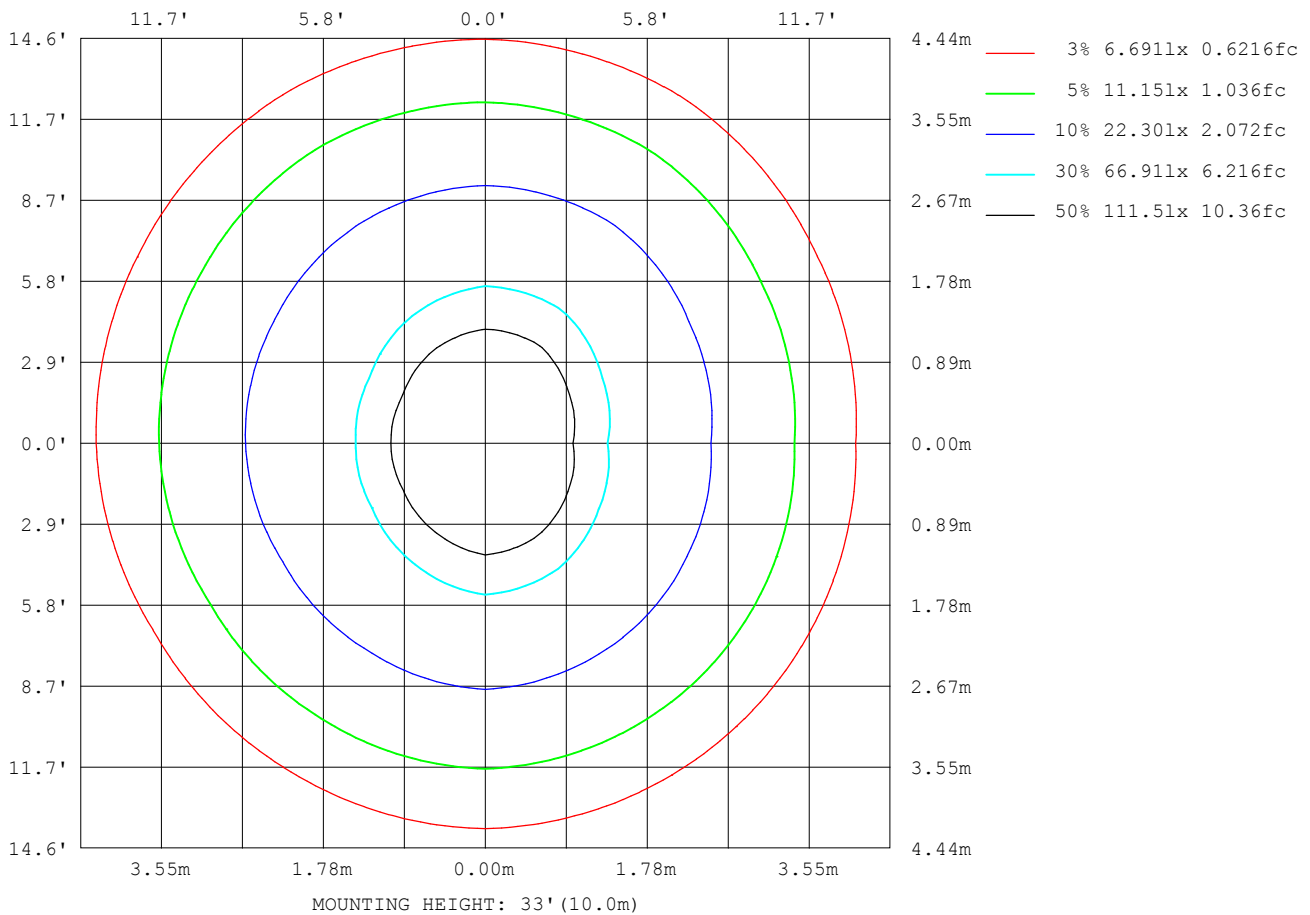
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-18

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

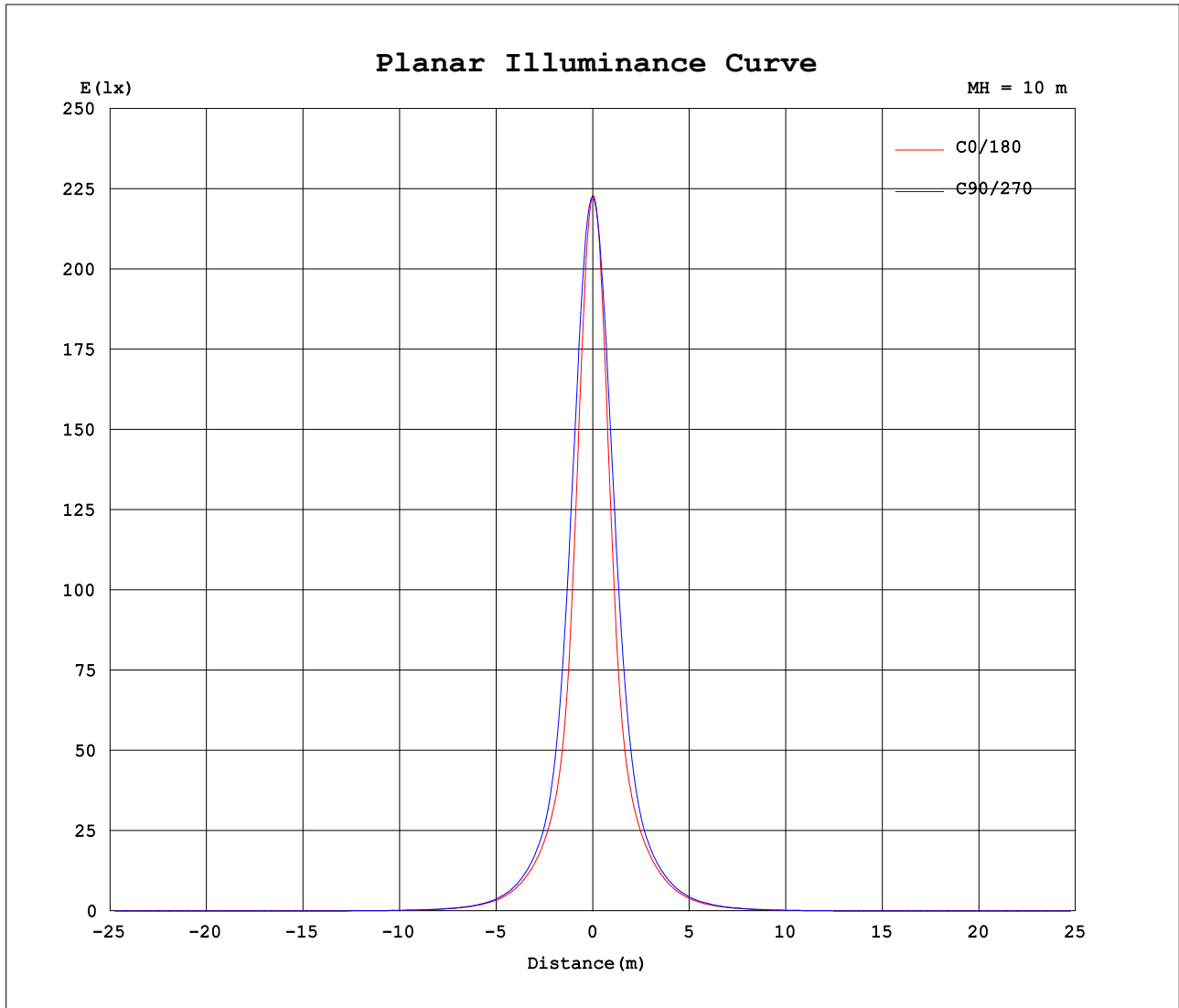
Test:U:24.00V I:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-A-15	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-18

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: 2024-07-18

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:1.486A P:35.66W PF:1.000 Lamp Flux:2399.91x1 lm		
NAME: AW01-24V-3535-18-2700K-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	2230	2232	2229	2226	2224	2226	2230	2232	2229	2226	2224	2226						
5	1264	1381	1516	1567	1454	1364	1366	1374	1497	1578	1562	1399						
10	427	467	564	616	529	470	472	496	584	666	638	495						
15	211	222	236	252	235	229	239	247	266	279	269	232						
20	111	116	121	127	122	121	129	134	142	145	138	121						
25	58.0	60.3	62.3	65.1	63.1	63.8	67.7	71.2	75.6	76.0	72.3	63.3						
30	31.5	32.4	33.0	34.3	33.5	34.4	36.4	38.8	40.6	40.9	38.5	34.4						
35	17.8	18.2	18.4	19.1	18.7	19.4	20.6	22.0	22.5	22.8	21.4	19.6						
40	10.5	10.7	10.8	11.2	11.0	11.3	12.0	12.6	12.9	12.9	12.4	11.4						
45	6.35	6.51	6.66	6.82	6.72	6.80	7.09	7.34	7.48	7.40	7.22	6.73						
50	4.12	4.23	4.37	4.44	4.40	4.39	4.26	4.37	4.42	4.34	4.28	4.05						
55	2.99	3.05	3.12	3.14	3.12	3.13	2.68	2.71	2.70	2.59	2.63	2.53						
60	1.95	2.00	2.09	2.13	2.10	2.07	1.34	1.33	1.34	1.31	1.35	1.26						
65	1.56	1.56	1.60	1.59	1.61	1.58	0.64	0.62	0.61	0.60	0.62	0.62						
70	1.32	1.32	1.34	1.33	1.35	1.34	0.29	0.30	0.28	0.28	0.30	0.30						
75	1.22	1.21	1.20	1.19	1.22	1.21	0.12	0.14	0.15	0.15	0.15	0.15						
80	1.20	1.18	1.15	1.15	1.19	1.19	0.13	0.14	0.16	0.16	0.16	0.14						
85	1.15	1.10	1.08	1.11	1.15	1.15	0.16	0.16	0.19	0.21	0.19	0.17						
90	1.05	1.00	1.01	1.04	1.08	1.08	0.21	0.21	0.24	0.24	0.24	0.22						
95	0.95	0.94	0.97	0.98	1.02	0.99	0.28	0.28	0.30	0.30	0.30	0.28						
100	0.89	0.91	0.93	0.92	0.94	0.90	0.35	0.35	0.37	0.37	0.37	0.35						
105	0.87	0.88	0.89	0.87	0.87	0.84	0.42	0.42	0.44	0.45	0.45	0.43						
110	0.85	0.86	0.87	0.85	0.83	0.82	0.51	0.51	0.53	0.54	0.53	0.52						
115	0.83	0.85	0.87	0.87	0.83	0.83	0.61	0.62	0.65	0.67	0.65	0.63						
120	0.85	0.88	0.93	0.95	0.90	0.86	0.75	0.77	0.84	0.86	0.83	0.78						
125	0.95	1.00	1.07	1.10	1.05	0.97	0.99	1.03	1.09	1.11	1.09	1.04						
130	1.16	1.22	1.30	1.32	1.28	1.21	1.38	1.38	1.38	1.37	1.38	1.39						
135	1.53	1.55	1.59	1.60	1.58	1.54	1.72	1.68	1.64	1.63	1.65	1.70						
140	1.92	1.91	1.90	1.91	1.91	1.90	1.90	1.87	1.85	1.84	1.86	1.89						
145	2.21	2.23	2.21	2.18	2.22	2.22	2.01	2.00	1.99	1.97	2.00	2.01						
150	2.50	2.50	2.44	2.38	2.47	2.50	2.09	2.09	2.10	2.04	2.09	2.09						
155	2.77	2.72	2.59	2.49	2.63	2.72	2.17	2.17	2.17	2.08	2.14	2.15						
160	2.90	2.81	2.64	2.52	2.71	2.85	2.24	2.24	2.22	2.09	2.14	2.19						
165	2.84	2.76	2.57	2.49	2.71	2.84	2.28	2.28	2.25	2.07	2.08	2.19						
170	2.68	2.56	2.41	2.43	2.61	2.71	2.29	2.30	2.25	2.08	1.99	2.10						
175	2.39	2.26	2.31	2.38	2.45	2.46	2.20	2.26	2.26	2.18	2.06	1.97						
180	2.12	2.19	2.30	2.34	2.28	2.17	2.11	2.20	2.30	2.33	2.28	2.17						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-18

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	22304	22316	22288	22256	22239	22255	22304	22316	22288	22256
2.5	19142	19847	20268	20437	19848	19659	19886	19654	20071	20329
5.0	12639	13811	15163	15670	14538	13637	13661	13741	14973	15778
7.5	7084	8063	9642	10361	9052	7972	7879	8190	9656	10690
10.0	4266	4672	5645	6164	5288	4698	4725	4957	5839	6663
12.5	2932	3112	3467	3740	3363	3176	3270	3391	3766	4173
15.0	2115	2224	2361	2517	2347	2286	2389	2468	2656	2788
17.5	1542	1610	1692	1782	1698	1663	1756	1829	1939	1998
20.0	1111	1162	1213	1274	1223	1207	1286	1336	1424	1445
22.5	800.6	833.6	869.9	907.0	879.1	873.3	931.9	976.5	1039	1050
25.0	579.9	603.2	623.0	651.3	630.9	637.6	676.7	711.8	756.4	760.3
27.5	425.9	439.4	451.0	469.7	457.4	466.8	494.5	524.2	551.2	556.2
30.0	315.4	323.7	329.9	343.1	335.4	344.5	364.5	388.4	406.2	409.2
32.5	236.1	241.5	245.1	254.0	249.3	256.6	272.6	290.6	299.9	303.8
35.0	177.6	182.5	183.7	190.9	186.7	193.6	206.1	219.7	225.0	227.6
37.5	136.0	139.1	140.1	145.1	142.3	147.1	157.2	165.3	170.1	170.2
40.0	105.1	107.1	108.4	111.7	109.8	112.8	120.4	125.8	128.9	128.7
42.5	81.51	83.12	84.39	86.86	85.36	87.27	92.44	95.74	98.07	97.23
45.0	63.53	65.07	66.57	68.22	67.22	68.04	70.92	73.41	74.79	74.04
47.5	50.45	51.85	53.23	54.50	53.67	54.09	54.75	56.37	57.29	56.45
50.0	41.17	42.31	43.67	44.35	43.98	43.86	42.57	43.73	44.22	43.38
52.5	34.67	35.62	36.59	37.10	36.83	36.80	33.75	34.39	34.48	33.52
55.0	29.88	30.53	31.15	31.41	31.25	31.31	26.82	27.13	27.01	25.91
57.5	24.96	25.54	25.95	26.22	26.07	26.16	20.51	20.63	20.35	19.46
60.0	19.45	20.01	20.85	21.26	21.00	20.73	13.44	13.33	13.43	13.12
62.5	16.99	17.05	17.55	17.64	17.70	17.35	8.701	8.645	8.463	8.479
65.0	15.58	15.60	15.96	15.85	16.06	15.83	6.367	6.233	6.111	6.008
67.5	14.32	14.36	14.66	14.52	14.73	14.54	4.496	4.491	4.297	4.254
70.0	13.20	13.23	13.43	13.32	13.52	13.37	2.888	2.980	2.820	2.830
72.5	12.48	12.47	12.53	12.39	12.67	12.49	1.774	1.930	1.825	1.905
75.0	12.18	12.13	12.01	11.91	12.25	12.11	1.229	1.442	1.453	1.541
77.5	12.11	12.01	11.73	11.71	12.08	12.01	1.242	1.379	1.516	1.516
80.0	12.00	11.81	11.45	11.53	11.92	11.92	1.323	1.379	1.585	1.615
82.5	11.78	11.49	11.12	11.33	11.71	11.75	1.448	1.447	1.723	1.820
85.0	11.46	11.03	10.78	11.10	11.47	11.53	1.629	1.634	1.916	2.052
87.5	11.01	10.52	10.45	10.74	11.19	11.24	1.847	1.877	2.122	2.145
90.0	10.48	10.02	10.13	10.40	10.83	10.83	2.103	2.114	2.372	2.376
92.5	9.970	9.643	9.882	10.10	10.51	10.40	2.434	2.438	2.671	2.675
95.0	9.490	9.375	9.676	9.817	10.15	9.916	2.784	2.781	2.990	3.005
97.5	9.115	9.207	9.483	9.531	9.777	9.437	3.145	3.124	3.326	3.324
100.0	8.871	9.082	9.289	9.238	9.384	9.006	3.507	3.486	3.688	3.685
102.5	8.746	8.963	9.096	8.982	9.021	8.670	3.875	3.848	4.056	4.053
105.0	8.665	8.820	8.915	8.739	8.672	8.433	4.237	4.234	4.450	4.459
107.5	8.577	8.707	8.765	8.570	8.434	8.290	4.631	4.645	4.874	4.901
110.0	8.471	8.558	8.665	8.521	8.297	8.247	5.061	5.088	5.348	5.394
112.5	8.384	8.490	8.633	8.546	8.259	8.247	5.542	5.575	5.891	5.968
115.0	8.321	8.490	8.658	8.684	8.321	8.272	6.097	6.155	6.547	6.685
117.5	8.315	8.597	8.875	8.996	8.557	8.372	6.747	6.840	7.378	7.563
120.0	8.457	8.846	9.280	9.465	8.986	8.591	7.508	7.719	8.394	8.611
122.5	8.862	9.303	9.884	10.14	9.603	9.028	8.495	8.854	9.593	9.814
125.0	9.485	9.984	10.72	10.99	10.46	9.734	9.882	10.29	10.94	11.10
127.5	10.36	10.95	11.78	12.03	11.55	10.76	11.71	12.00	12.33	12.42
130.0	11.58	12.21	13.00	13.23	12.82	12.07	13.80	13.76	13.76	13.75
132.5	13.28	13.78	14.38	14.58	14.28	13.65	15.70	15.41	15.12	15.05
135.0	15.32	15.53	16.03	16.03	15.84	15.39	17.19	16.79	16.39	16.28
137.5	17.41	17.34	17.44	17.54	17.48	17.20	18.24	17.89	17.52	17.39
140.0	19.23	19.13	19.04	19.06	19.12	19.00	19.02	18.72	18.47	18.35
142.5	20.73	20.78	20.62	20.50	20.74	20.69	19.65	19.40	19.26	19.13
145.0	22.10	22.27	22.08	21.79	22.22	22.24	20.14	19.98	19.93	19.71
147.5	23.54	23.67	23.37	22.91	23.55	23.67	20.56	20.48	20.49	20.12
150.0	25.03	24.98	24.43	23.80	24.65	24.99	20.94	20.93	20.97	20.42
152.5	26.46	26.19	25.25	24.47	25.55	26.21	21.30	21.32	21.36	20.62
155.0	27.71	27.19	25.87	24.93	26.27	27.24	21.68	21.71	21.70	20.79
157.5	28.62	27.87	26.26	25.21	26.80	28.04	22.08	22.06	21.98	20.85
160.0	29.00	28.13	26.39	25.22	27.12	28.54	22.41	22.36	22.21	20.87
162.5	28.93	28.04	26.28	25.14	27.22	28.62	22.64	22.60	22.38	20.85
165.0	28.43	27.62	25.74	24.91	27.14	28.42	22.79	22.77	22.49	20.73
167.5	27.69	26.81	24.94	24.59	26.74	27.88	22.88	22.91	22.51	20.67
170.0	26.80	25.60	24.13	24.31	26.13	27.08	22.88	22.98	22.51	20.76
172.5	25.58	24.05	23.48	24.05	25.34	25.96	22.76	22.94	22.53	21.20
175.0	23.89	22.56	23.10	23.84	24.48	24.60	22.03	22.58	22.61	21.83
177.5	22.08	21.79	23.01	23.67	23.67	23.17	21.15	22.16	22.79	22.58
180.0	21.17	21.87	23.00	23.39	22.81	21.73	21.12	21.95	22.99	23.30

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-18

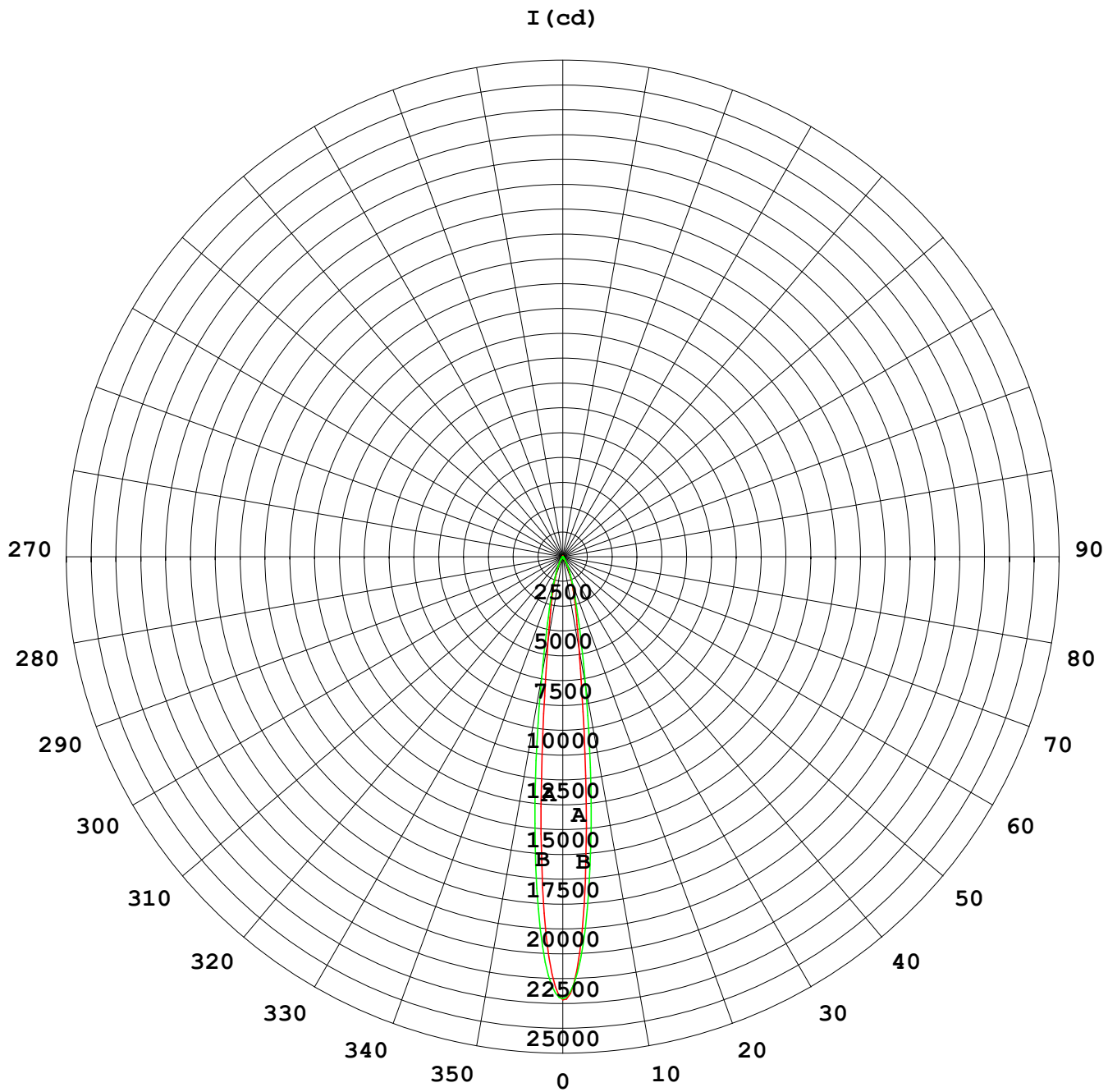
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	300.0	330.0
0.0	22239	22255
2.5	20434	19817
5.0	15616	13990
7.5	10373	8356
10.0	6382	4945
12.5	4033	3270
15.0	2694	2315
17.5	1912	1682
20.0	1384	1209
22.5	999.7	874.3
25.0	722.9	633.2
27.5	524.6	465.1
30.0	385.4	344.2
32.5	285.0	258.1
35.0	214.4	195.9
37.5	162.8	148.8
40.0	123.9	114.3
42.5	94.56	87.48
45.0	72.21	67.35
47.5	55.38	51.93
50.0	42.79	40.47
52.5	33.49	31.94
55.0	26.27	25.33
57.5	19.87	19.25
60.0	13.46	12.63
62.5	8.693	8.445
65.0	6.224	6.207
67.5	4.441	4.478
70.0	2.982	2.992
72.5	1.931	1.974
75.0	1.491	1.473
77.5	1.522	1.397
80.0	1.585	1.397
82.5	1.716	1.484
85.0	1.916	1.671
87.5	2.116	1.914
90.0	2.366	2.170
92.5	2.671	2.488
95.0	2.996	2.825
97.5	3.326	3.174
100.0	3.682	3.529
102.5	4.056	3.910
105.0	4.456	4.297
107.5	4.893	4.714
110.0	5.348	5.163
112.5	5.897	5.668
115.0	6.541	6.261
117.5	7.340	6.952
120.0	8.344	7.837
122.5	9.543	8.972
125.0	10.90	10.41
127.5	12.32	12.10
130.0	13.79	13.87
132.5	15.18	15.55
135.0	16.49	16.98
137.5	17.64	18.09
140.0	18.61	18.94
142.5	19.38	19.57
145.0	20.00	20.08
147.5	20.49	20.50
150.0	20.88	20.88
152.5	21.17	21.21
155.0	21.36	21.51
157.5	21.39	21.76
160.0	21.36	21.90
162.5	21.16	21.96
165.0	20.81	21.91
167.5	20.32	21.62
170.0	19.92	21.04
172.5	19.99	20.24
175.0	20.60	19.75
177.5	21.61	20.18
180.0	22.81	21.65

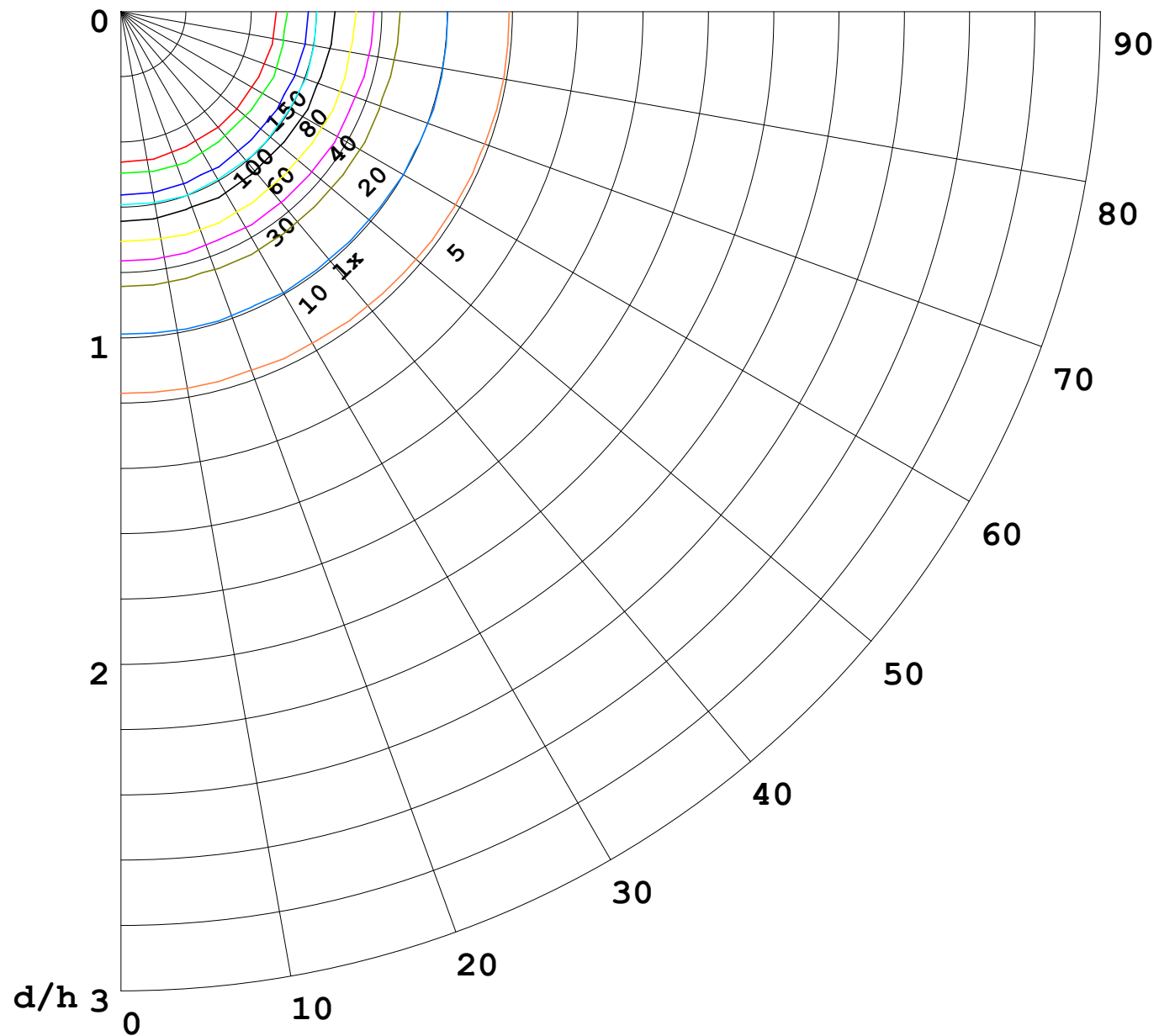
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-18

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

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

