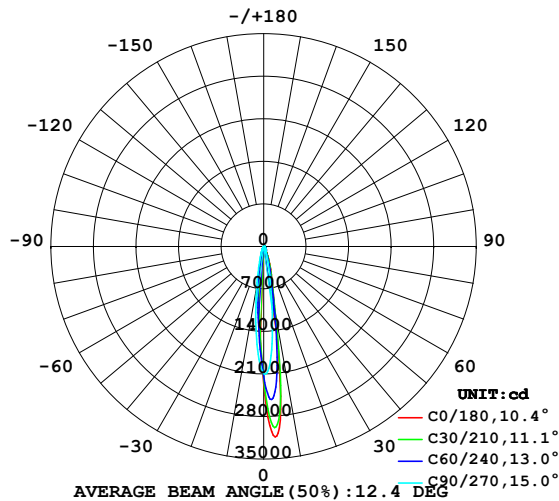


LUMINAIRE PHOTOMETRIC TEST REPORT

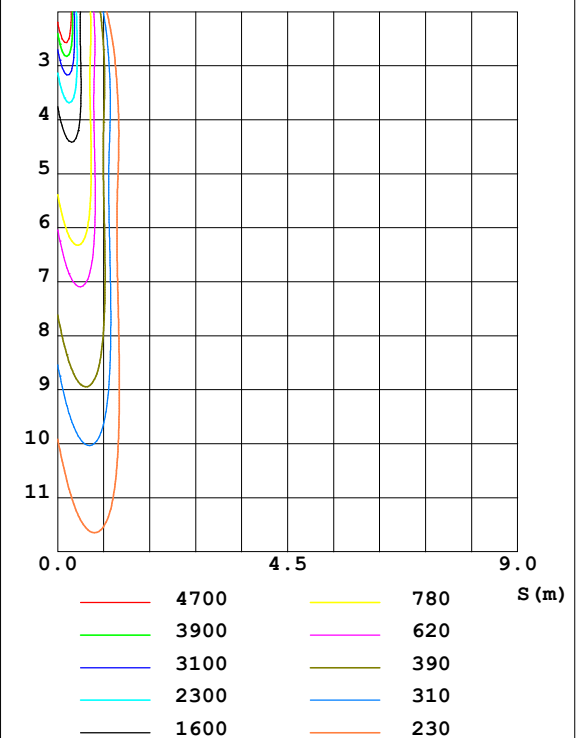
Test:U:24.00V I:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.94 lm/W			
MODEL	3535	I _{max} (cd)	31390	S/MH (C0/180)	0.33
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.27
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3051.1	η UP, DN (C0-180)	1.8, 52.5
NOMINAL FLUX (lm)	3051.11	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 44.3
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)



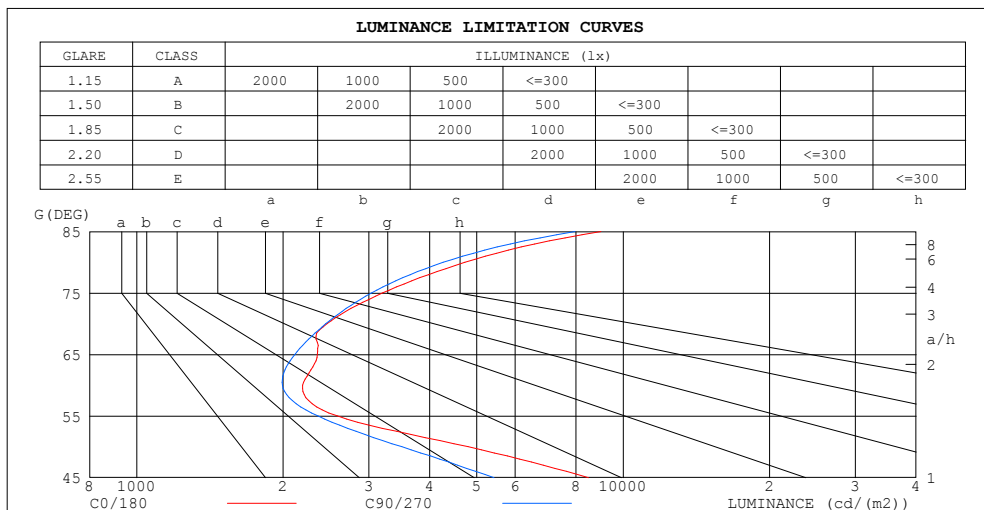
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-15

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	2997	2592	1610	1055	933.1	1013	1441	2436	0- 5	472.0	472.0	15.5,15.5
10	1050	1057	690.5	418.2	332.1	404.1	662.7	1140	5- 10	845.3	1317	43.2,43.2
15	507.0	448.1	286.0	172.7	151.5	175.2	282.2	464.9	10- 15	551.6	1869	61.3,61.3
20	273.5	224.1	133.1	98.66	96.18	103.9	138.2	225.6	15- 20	369.8	2239	73.4,73.4
25	139.1	108.9	72.48	58.93	60.53	65.63	80.89	114.5	20- 25	251.7	2490	81.6,81.6
30	70.12	55.47	40.34	32.66	34.04	38.26	48.10	60.85	25- 30	163.4	2654	87.87
35	38.24	30.66	22.01	18.11	19.78	21.58	27.15	34.69	30- 35	104.6	2758	90.4,90.4
40	21.39	17.40	12.76	11.26	12.69	12.96	15.40	20.23	35- 40	67.75	2826	92.6,92.6
45	11.99	9.821	7.671	6.943	7.671	7.591	8.706	11.45	40- 45	44.31	2870	94.1,94.1
50	6.165	5.041	4.509	4.057	4.223	3.740	4.506	5.645	45- 50	26.83	2897	95.95
55	2.965	2.598	2.703	2.686	2.611	1.868	2.016	2.268	50- 55	14.73	2912	95.4,95.4
60	2.194	1.927	1.993	2.175	1.748	1.051	0.9817	1.071	55- 60	9.002	2921	95.7,95.7
65	1.988	1.769	1.786	1.926	0.9180	0.6191	0.5620	0.6298	60- 65	6.921	2928	96.96
70	1.682	1.688	1.673	1.759	0.4208	0.3846	0.3521	0.3913	65- 70	5.772	2934	96.2,96.2
75	1.656	1.633	1.571	1.632	0.3041	0.2804	0.2662	0.2572	70- 75	5.189	2939	96.3,96.3
80	1.641	1.588	1.482	1.533	0.2630	0.2608	0.2559	0.2289	75- 80	4.950	2944	96.5,96.5
85	1.570	1.485	1.388	1.430	0.2884	0.2849	0.2763	0.2286	80- 85	4.813	2949	96.6,96.6
90	1.457	1.354	1.291	1.302	0.3375	0.3310	0.3010	0.2497	85- 90	4.606	2953	96.8,96.8
95	1.332	1.255	1.217	1.189	0.4321	0.4167	0.3790	0.3284	90- 95	4.469	2958	96.9,96.9
100	1.213	1.193	1.142	1.096	0.5287	0.5082	0.4661	0.4161	95-100	4.412	2962	97.1,97.1
105	1.149	1.155	1.073	1.038	0.6310	0.6117	0.5626	0.5110	100-105	4.410	2967	97.2,97.2
110	1.126	1.119	1.041	1.027	0.7644	0.7397	0.6819	0.6155	105-110	4.487	2971	97.4,97.4
115	1.093	1.092	1.060	1.061	0.9373	0.9160	0.8464	0.7413	110-115	4.658	2976	97.5,97.5
120	1.074	1.102	1.159	1.180	1.188	1.195	1.100	0.9154	115-120	4.999	2981	97.7,97.7
125	1.104	1.192	1.354	1.428	1.646	1.593	1.431	1.190	120-125	5.663	2986	97.9,97.9
130	1.262	1.406	1.640	1.793	2.143	1.995	1.779	1.568	125-130	6.625	2993	98.1,98.1
135	1.589	1.747	2.001	2.219	2.429	2.303	2.105	1.973	130-135	7.558	3000	98.3,98.3
140	2.109	2.178	2.406	2.652	2.581	2.508	2.376	2.305	135-140	8.234	3009	98.6,98.6
145	2.556	2.615	2.779	3.027	2.677	2.642	2.546	2.514	140-145	8.481	3017	98.9,98.9
150	2.919	2.987	3.048	3.308	2.764	2.740	2.629	2.643	145-150	8.211	3025	99.2,99.2
155	3.325	3.283	3.207	3.482	2.857	2.809	2.667	2.736	150-155	7.535	3033	99.4,99.4
160	3.645	3.488	3.255	3.521	2.907	2.840	2.667	2.790	155-160	6.517	3039	99.6,99.6
165	3.766	3.530	3.193	3.400	2.914	2.831	2.609	2.792	160-165	5.192	3045	99.8,99.8
170	3.660	3.369	3.072	3.148	2.900	2.784	2.583	2.699	165-170	3.660	3048	99.9,99.9
175	3.397	3.100	3.011	2.865	2.676	2.738	2.709	2.597	170-175	2.109	3050	100,100
180	2.944	2.901	2.952	2.710	2.940	2.894	2.942	2.707	175-180	0.6805	3051	100,100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			



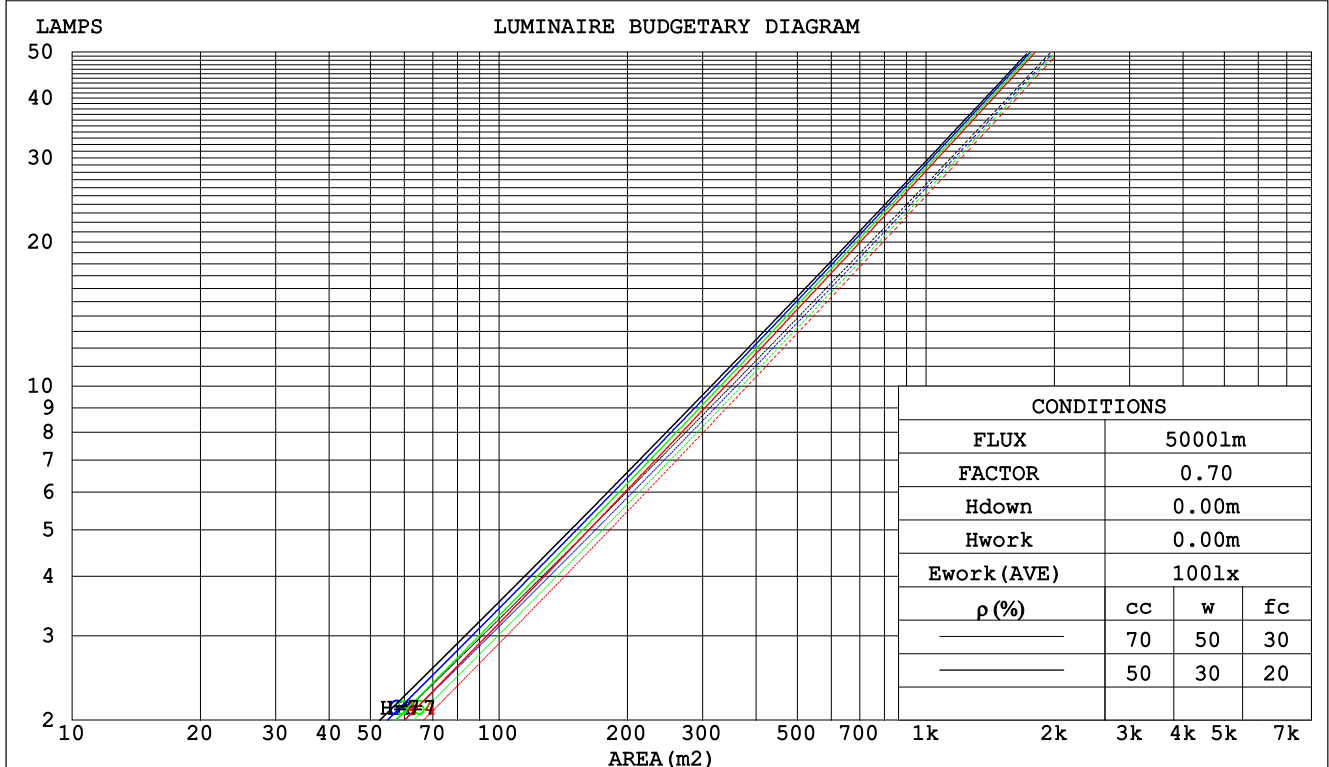
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	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	.91	.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	.90	.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	.90	.86	.83	.90	.86	.83	.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	.78	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
9.0	.83	.78	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.77	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm								
NAME: AW01-24V-3535-18-3000K-A-1015				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	.083	.026	.138	.079	.025	.124	.071	.023	.111	.064	.020	.098	.057	.018	
2.0	.134	.073	.022	.127	.070	.022	.115	.064	.020	.104	.059	.018	.094	.053	.017	
3.0	.124	.066	.020	.119	.064	.019	.108	.059	.018	.099	.054	.017	.090	.050	.015	
4.0	.116	.060	.018	.111	.058	.017	.102	.054	.016	.094	.051	.015	.087	.047	.014	
5.0	.108	.055	.016	.104	.054	.016	.097	.050	.015	.090	.047	.014	.083	.044	.013	
6.0	.102	.051	.015	.098	.050	.014	.092	.047	.014	.086	.044	.013	.080	.042	.012	
7.0	.096	.048	.013	.093	.046	.013	.087	.044	.013	.082	.042	.012	.077	.040	.012	
8.0	.091	.045	.013	.089	.044	.012	.083	.042	.012	.078	.040	.011	.074	.038	.011	
9.0	.087	.042	.012	.084	.041	.012	.080	.039	.011	.075	.038	.011	.071	.036	.010	
10.0	.083	.040	.011	.081	.039	.011	.076	.037	.011	.072	.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	.194	.182	.172	.166	.156	.148	.113	.108	.102	.065	.062	.060	.021	.020	.019	
2.0	.176	.157	.142	.151	.136	.123	.103	.094	.086	.060	.055	.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	.139	.111	.090	.119	.096	.079	.082	.067	.056	.047	.039	.033	.015	.013	.011	
6.0	.130	.101	.080	.111	.087	.070	.077	.061	.050	.045	.036	.029	.014	.012	.010	
7.0	.122	.093	.072	.105	.081	.063	.072	.056	.045	.042	.033	.027	.014	.011	.009	
8.0	.115	.086	.066	.099	.075	.058	.069	.052	.041	.040	.031	.024	.013	.010	.008	
9.0	.110	.081	.061	.094	.070	.053	.065	.049	.038	.038	.029	.022	.012	.010	.007	
10.0	.105	.076	.057	.090	.066	.049	.063	.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:2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm											
NAME: AW01-24V-3535-18-3000K-A-1015						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	12.0	12.6	12.2	12.8	13.0	9.9	10.6	10.2	10.8	11.0	
	3H	12.2	12.8	12.5	13.1	13.3	10.5	11.1	10.7	11.3	11.5
	4H	12.5	13.1	12.8	13.4	13.6	11.0	11.6	11.3	11.8	12.1
	6H	13.1	13.7	13.5	14.0	14.2	11.8	12.3	12.1	12.6	12.9
	8H	13.6	14.1	13.9	14.4	14.7	12.3	12.8	12.7	13.1	13.5
	12H	14.2	14.7	14.6	15.0	15.3	13.0	13.5	13.4	13.9	14.2
4H	2H	11.9	12.4	12.2	12.7	13.0	10.0	10.5	10.3	10.8	11.1
	3H	12.3	12.8	12.6	13.1	13.4	10.7	11.3	11.1	11.6	11.9
	4H	12.8	13.3	13.2	13.6	14.0	11.5	12.0	11.9	12.3	12.7
	6H	13.7	14.1	14.1	14.5	14.9	12.6	13.1	13.1	13.4	13.8
	8H	14.4	14.7	14.8	15.1	15.6	13.4	13.8	13.8	14.2	14.6
	12H	15.2	15.6	15.7	16.0	16.4	14.3	14.6	14.7	15.1	15.5
8H	4H	13.0	13.4	13.4	13.8	14.2	11.9	12.3	12.3	12.7	13.1
	6H	14.2	14.5	14.7	15.0	15.4	13.3	13.6	13.8	14.1	14.6
	8H	15.1	15.4	15.6	15.8	16.3	14.3	14.6	14.8	15.0	15.5
	12H	16.2	16.5	16.7	17.0	17.5	15.4	15.7	16.0	16.2	16.7
12H	4H	13.0	13.4	13.5	13.8	14.3	12.0	12.3	12.4	12.8	13.2
	6H	14.4	14.7	14.9	15.1	15.6	13.5	13.8	14.0	14.3	14.8
	8H	15.4	15.6	15.9	16.1	16.6	14.6	14.9	15.1	15.4	15.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 1.0					+ 0.5 / - 0.6					
1.5H	+ 2.1 / - 1.0					+ 0.9 / - 0.5					
2.0H	+ 1.5 / - 0.5					+ 0.7 / - 0.3					

CIE Pub.117 Corrected 3051 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.9)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

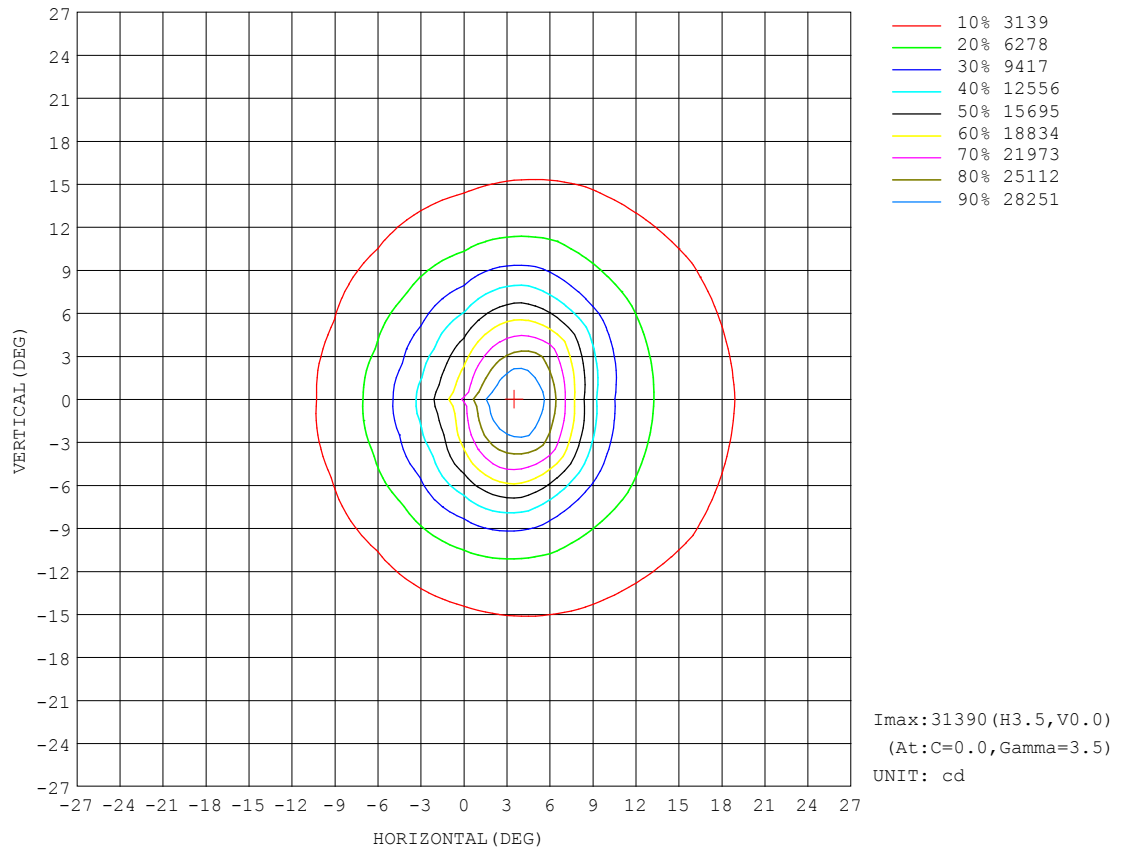
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	81	77	85	80	77	73
0.80	94	88	85	93	88	85	92	87	84	80
1.00	98	93	89	97	92	89	96	92	88	84
1.25	102	97	94	101	96	93	99	95	92	88
1.50	105	100	97	103	99	96	101	97	95	90
2.00	108	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: 2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

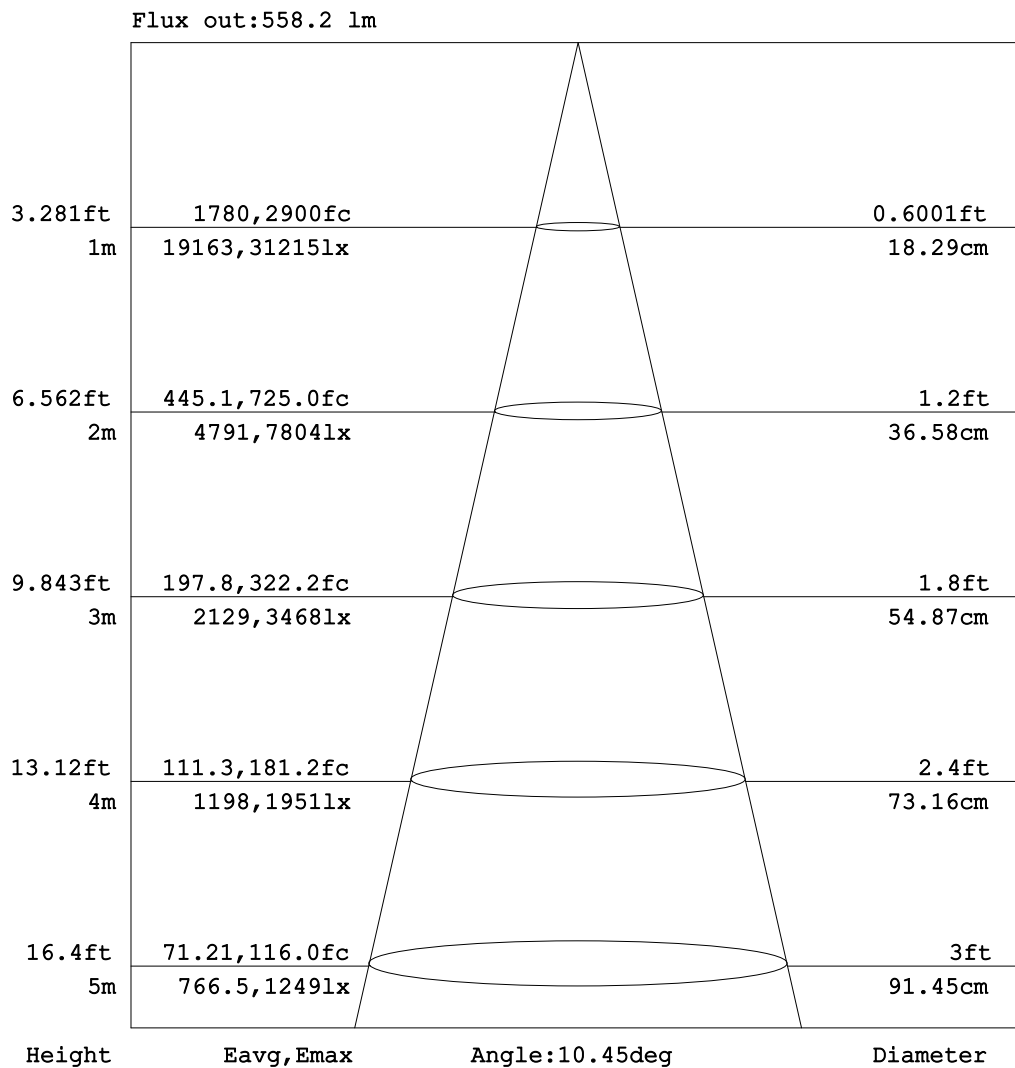


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.1lx1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



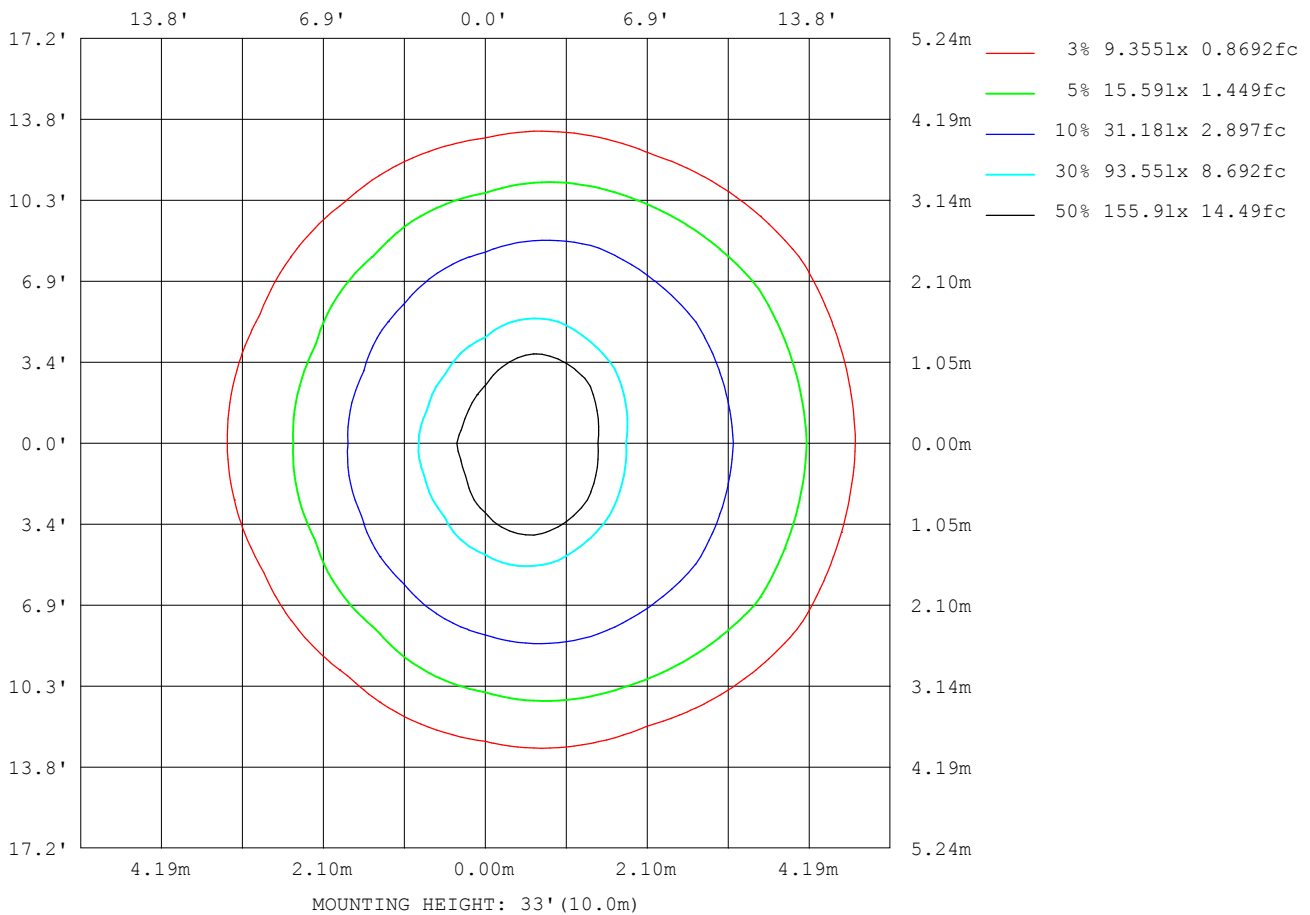
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-15

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

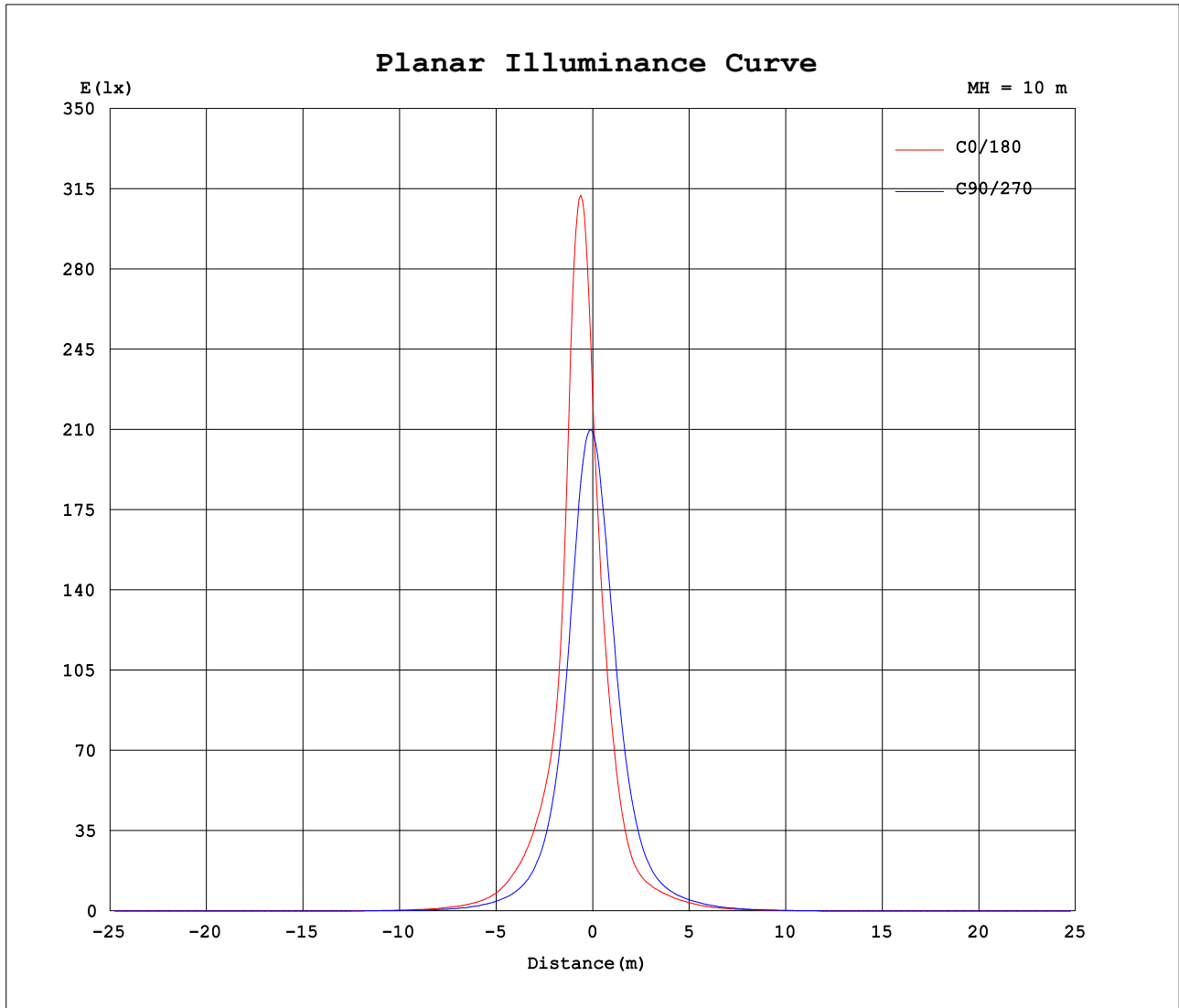
Test:U:24.00V I:1.479A P:35.50W PF:1.000 Lamp Flux:3051.1lx1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-07-15

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: 2024-07-15

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:1.479A P:35.50W PF:1.000 Lamp Flux:3051.11x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1015	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	2262	2168	2135	2091	2091	2152	2262	2168	2135	2091	2091	2152						
5	2997	2862	2323	1610	1143	967	933	933	1094	1441	2111	2762						
10	1050	1115	1000	690	474	363	332	349	459	663	1055	1225						
15	507	488	408	286	190	155	152	155	195	282	433	497						
20	273	261	187	133	103	94.1	96.2	96.9	111	138	195	257						
25	139	131	87.2	72.5	60.7	57.1	60.5	61.7	69.6	80.9	96.7	132						
30	70.1	64.8	46.2	40.3	33.7	31.6	34.0	35.6	41.0	48.1	53.4	68.3						
35	38.2	34.8	26.5	22.0	18.4	17.8	19.8	20.2	23.0	27.2	31.4	38.0						
40	21.4	19.3	15.5	12.8	11.3	11.3	12.7	12.4	13.5	15.4	18.7	21.8						
45	12.0	10.8	8.87	7.67	7.01	6.88	7.67	7.22	7.96	8.71	10.7	12.2						
50	6.17	5.44	4.64	4.51	4.11	4.00	4.22	3.57	3.91	4.51	5.29	6.00						
55	2.97	2.66	2.54	2.70	2.60	2.77	2.61	1.93	1.80	2.02	2.15	2.38						
60	2.19	1.93	1.92	1.99	2.07	2.28	1.75	1.17	0.93	0.98	1.02	1.12						
65	1.99	1.77	1.77	1.79	1.86	1.99	0.92	0.68	0.55	0.56	0.59	0.67						
70	1.68	1.68	1.70	1.67	1.73	1.79	0.42	0.40	0.37	0.35	0.37	0.41						
75	1.66	1.63	1.63	1.57	1.61	1.65	0.30	0.29	0.27	0.27	0.26	0.26						
80	1.64	1.62	1.55	1.48	1.52	1.55	0.26	0.26	0.27	0.26	0.24	0.22						
85	1.57	1.53	1.44	1.39	1.42	1.44	0.29	0.28	0.29	0.28	0.24	0.21						
90	1.46	1.39	1.32	1.29	1.31	1.30	0.34	0.33	0.33	0.30	0.27	0.23						
95	1.33	1.26	1.25	1.22	1.21	1.17	0.43	0.42	0.41	0.38	0.35	0.31						
100	1.21	1.20	1.19	1.14	1.11	1.08	0.53	0.51	0.50	0.47	0.43	0.40						
105	1.15	1.17	1.14	1.07	1.04	1.04	0.63	0.62	0.60	0.56	0.53	0.49						
110	1.13	1.13	1.11	1.04	1.01	1.04	0.76	0.75	0.73	0.68	0.64	0.60						
115	1.09	1.09	1.09	1.06	1.05	1.07	0.94	0.92	0.91	0.85	0.77	0.71						
120	1.07	1.09	1.11	1.16	1.18	1.18	1.19	1.20	1.19	1.10	0.97	0.86						
125	1.10	1.15	1.23	1.35	1.43	1.43	1.65	1.63	1.56	1.43	1.27	1.11						
130	1.26	1.33	1.48	1.64	1.77	1.82	2.14	2.07	1.92	1.78	1.64	1.50						
135	1.59	1.67	1.83	2.00	2.17	2.27	2.43	2.37	2.24	2.11	2.00	1.95						
140	2.11	2.12	2.23	2.41	2.59	2.72	2.58	2.54	2.47	2.38	2.31	2.30						
145	2.56	2.57	2.66	2.78	2.96	3.09	2.68	2.66	2.63	2.55	2.53	2.50						
150	2.92	2.95	3.02	3.05	3.22	3.39	2.76	2.75	2.73	2.63	2.66	2.63						
155	3.33	3.31	3.26	3.21	3.38	3.59	2.86	2.83	2.79	2.67	2.75	2.73						
160	3.64	3.57	3.41	3.26	3.41	3.63	2.91	2.88	2.80	2.67	2.77	2.81						
165	3.77	3.65	3.41	3.19	3.31	3.49	2.91	2.89	2.77	2.61	2.73	2.85						
170	3.66	3.53	3.21	3.07	3.09	3.21	2.90	2.86	2.70	2.58	2.60	2.80						
175	3.40	3.16	3.04	3.01	2.91	2.82	2.68	2.73	2.75	2.71	2.59	2.60						
180	2.94	2.85	2.95	2.95	2.80	2.61	2.94	2.84	2.94	2.94	2.81	2.61						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:LYH
Test Date:2024-07-15

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	22622	21676	21350	20914	20905	21523	22622	21676	21350	20914
2.5	30477	28982	25133	20087	16220	14690	14562	14297	15796	18545
5.0	29971	28617	23225	16100	11426	9666	9331	9329	10938	14408
7.5	19814	21001	16914	10979	7510	6074	5700	5810	7210	10081
10.0	10501	11152	9996	6905	4737	3627	3321	3491	4590	6627
12.5	6903	6875	6111	4404	2956	2237	2085	2193	2913	4320
15.0	5070	4884	4078	2860	1903	1551	1515	1553	1951	2822
17.5	3748	3568	2772	1915	1363	1187	1192	1210	1425	1927
20.0	2735	2609	1874	1331	1033	940.5	961.8	968.5	1110	1382
22.5	2005	1884	1268	967.8	796.1	739.9	771.2	780.1	880.6	1046
25.0	1391	1307	871.7	724.8	607.3	571.2	605.3	616.7	696.0	808.9
27.5	973.3	899.5	624.9	540.7	455.6	429.8	460.1	475.1	538.7	628.4
30.0	701.2	647.7	461.7	403.4	337.0	316.2	340.4	355.7	409.5	481.0
32.5	515.9	473.0	348.3	296.3	247.0	233.7	256.2	265.9	304.7	362.8
35.0	382.4	348.1	265.1	220.1	183.7	178.4	197.8	202.0	229.6	271.5
37.5	283.9	258.4	202.3	165.7	141.8	140.2	157.3	156.5	174.7	203.8
40.0	213.9	193.4	154.7	127.6	112.7	112.6	126.9	124.2	135.1	154.0
42.5	160.3	145.3	118.0	99.28	88.97	89.42	102.6	97.57	105.5	116.2
45.0	119.9	107.7	88.69	76.71	70.07	68.78	76.71	72.20	79.62	87.06
47.5	87.58	78.23	64.88	59.24	53.90	52.16	56.73	51.00	57.38	63.58
50.0	61.65	54.39	46.44	45.09	41.13	40.01	42.23	35.70	39.10	45.06
52.5	41.71	36.90	33.43	34.39	31.91	32.38	32.72	25.82	26.29	30.25
55.0	29.65	26.60	25.35	27.03	26.02	27.70	26.11	19.32	18.04	20.16
57.5	24.26	21.60	21.25	22.45	22.66	24.77	21.34	14.88	12.75	13.79
60.0	21.94	19.34	19.20	19.93	20.67	22.83	17.48	11.70	9.325	9.817
62.5	21.07	18.32	18.21	18.62	19.48	21.27	13.53	9.086	7.124	7.344
65.0	19.88	17.71	17.67	17.86	18.60	19.93	9.180	6.842	5.540	5.620
67.5	17.88	17.24	17.28	17.27	17.91	18.83	5.529	5.168	4.417	4.393
70.0	16.82	16.77	17.00	16.73	17.30	17.89	4.208	4.030	3.662	3.521
72.5	16.58	16.38	16.71	16.21	16.71	17.11	3.510	3.324	3.072	2.981
75.0	16.56	16.33	16.33	15.71	16.10	16.54	3.041	2.929	2.679	2.662
77.5	16.54	16.33	15.95	15.24	15.61	15.89	2.675	2.643	2.604	2.547
80.0	16.41	16.21	15.54	14.82	15.21	15.46	2.630	2.560	2.656	2.559
82.5	16.10	15.86	15.00	14.38	14.76	14.97	2.732	2.642	2.764	2.604
85.0	15.70	15.32	14.38	13.88	14.21	14.38	2.884	2.813	2.884	2.763
87.5	15.15	14.64	13.72	13.34	13.62	13.68	3.075	3.004	3.049	2.840
90.0	14.57	13.88	13.19	12.91	13.08	12.96	3.375	3.302	3.317	3.010
92.5	13.97	13.24	12.80	12.54	12.58	12.31	3.839	3.759	3.711	3.384
95.0	13.32	12.64	12.46	12.17	12.07	11.72	4.321	4.203	4.131	3.790
97.5	12.69	12.23	12.16	11.80	11.58	11.23	4.797	4.667	4.562	4.210
100.0	12.13	11.97	11.89	11.42	11.09	10.84	5.287	5.143	5.020	4.661
102.5	11.72	11.83	11.66	11.05	10.68	10.54	5.776	5.639	5.503	5.124
105.0	11.49	11.65	11.44	10.73	10.37	10.38	6.310	6.191	6.043	5.626
107.5	11.37	11.46	11.25	10.49	10.18	10.37	6.933	6.788	6.634	6.178
110.0	11.26	11.30	11.08	10.41	10.13	10.42	7.644	7.480	7.314	6.819
112.5	11.09	11.11	10.97	10.40	10.18	10.51	8.464	8.280	8.115	7.543
115.0	10.93	10.94	10.91	10.60	10.50	10.72	9.373	9.239	9.082	8.464
117.5	10.79	10.91	10.91	11.00	11.03	11.12	10.49	10.44	10.35	9.586
120.0	10.74	10.90	11.14	11.59	11.81	11.79	11.88	12.01	11.90	11.00
122.5	10.78	11.08	11.60	12.43	12.91	12.83	13.87	14.03	13.70	12.60
125.0	11.04	11.49	12.34	13.54	14.29	14.28	16.46	16.30	15.55	14.31
127.5	11.66	12.19	13.45	14.89	15.92	16.08	19.16	18.62	17.41	16.06
130.0	12.62	13.27	14.85	16.40	17.70	18.17	21.43	20.69	19.21	17.79
132.5	14.00	14.77	16.46	18.13	19.62	20.41	23.06	22.38	20.89	19.47
135.0	15.89	16.67	18.27	20.01	21.65	22.73	24.29	23.66	22.40	21.05
137.5	18.34	18.87	20.24	22.00	23.76	25.00	25.18	24.64	23.70	22.49
140.0	21.09	21.24	22.32	24.06	25.86	27.18	25.81	25.41	24.74	23.76
142.5	23.59	23.53	24.48	26.01	27.87	29.12	26.31	26.05	25.57	24.76
145.0	25.56	25.72	26.57	27.79	29.62	30.91	26.77	26.59	26.26	25.46
147.5	27.32	27.69	28.50	29.27	31.08	32.52	27.19	27.07	26.81	25.95
150.0	29.19	29.54	30.19	30.48	32.23	33.94	27.64	27.53	27.26	26.29
152.5	31.23	31.35	31.41	33.11	33.11	35.07	28.12	27.96	27.61	26.53
155.0	33.25	33.05	32.61	32.07	33.75	35.89	28.57	28.31	27.87	26.67
157.5	35.00	34.57	33.48	32.50	34.10	36.25	28.90	28.58	27.98	26.70
160.0	36.45	35.69	34.06	32.55	34.13	36.29	29.07	28.78	28.01	26.67
162.5	37.39	36.37	34.28	32.40	33.84	35.82	29.14	28.91	27.93	26.45
165.0	37.66	36.48	34.12	31.93	33.06	34.94	29.14	28.95	27.68	26.09
167.5	37.34	36.19	33.29	31.31	31.98	33.70	29.14	28.90	27.32	25.80
170.0	36.60	35.25	32.13	30.72	30.86	32.10	29.00	28.64	27.04	25.83
172.5	35.57	33.68	31.06	30.33	29.88	30.06	28.18	27.92	27.08	26.24
175.0	33.97	31.65	30.36	30.11	29.13	28.18	26.76	27.28	27.49	27.09
177.5	31.85	29.74	29.97	28.64	26.87	26.92	26.92	27.37	28.39	28.23
180.0	29.44	28.50	29.52	29.52	28.05	26.15	29.40	28.44	29.45	29.42

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-15

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:

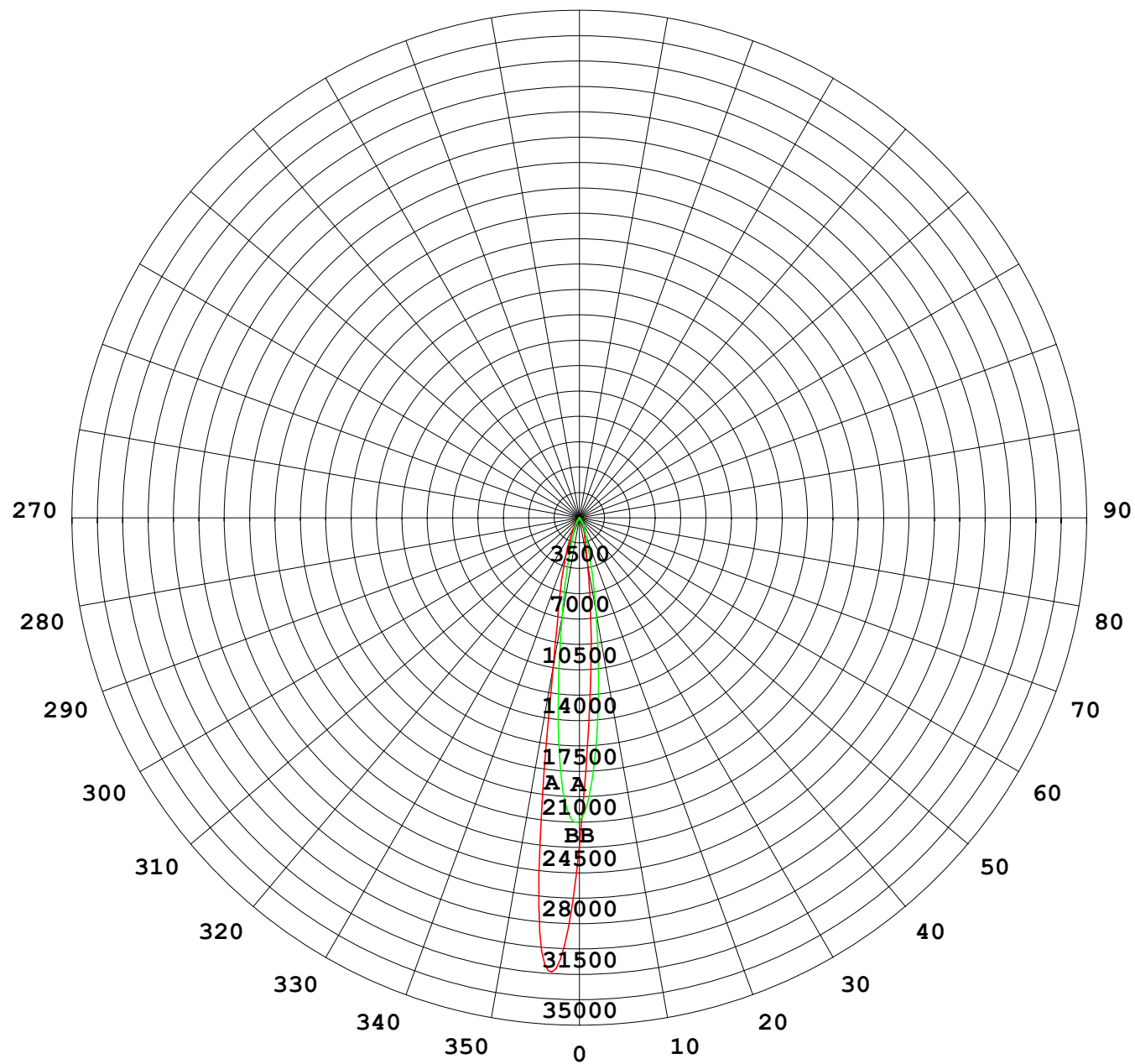
Photometric Data Table [cd]

G/C	300.0	330.0
0.0	20905	21523
2.5	23063	27614
5.0	21106	27623
7.5	16280	21040
10.0	10548	12246
12.5	6536	7221
15.0	4333	4966
17.5	2889	3567
20.0	1947	2566
22.5	1352	1862
25.0	967.3	1322
27.5	706.5	940.9
30.0	534.1	682.9
32.5	408.9	506.2
35.0	314.0	379.9
37.5	243.0	286.6
40.0	187.0	217.6
42.5	143.2	163.0
45.0	107.3	121.7
47.5	77.46	87.84
50.0	52.90	60.01
52.5	34.15	38.26
55.0	21.53	23.82
57.5	14.42	15.71
60.0	10.20	11.23
62.5	7.606	8.570
65.0	5.863	6.732
67.5	4.600	5.327
70.0	3.693	4.132
72.5	3.059	3.128
75.0	2.583	2.561
77.5	2.369	2.401
80.0	2.353	2.224
82.5	2.357	2.147
85.0	2.427	2.146
87.5	2.509	2.152
90.0	2.701	2.292
92.5	3.070	2.679
95.0	3.470	3.098
97.5	3.889	3.537
100.0	4.334	3.987
102.5	4.791	4.464
105.0	5.281	4.940
107.5	5.795	5.416
110.0	6.354	5.956
112.5	6.977	6.521
115.0	7.689	7.137
117.5	8.573	7.822
120.0	9.660	8.648
122.5	11.06	9.714
125.0	12.69	11.11
127.5	14.49	12.91
130.0	16.36	15.01
132.5	18.22	17.29
135.0	20.01	19.45
137.5	21.66	21.41
140.0	23.13	22.97
142.5	24.33	24.14
145.0	25.27	25.00
147.5	25.99	25.68
150.0	26.59	26.27
152.5	27.07	26.79
155.0	27.45	27.27
157.5	27.73	27.72
160.0	27.73	28.07
162.5	27.68	28.37
165.0	27.35	28.48
167.5	26.74	28.42
170.0	25.99	27.98
172.5	25.60	27.12
175.0	25.90	26.05
177.5	26.85	25.54
180.0	28.06	26.07

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-07-15

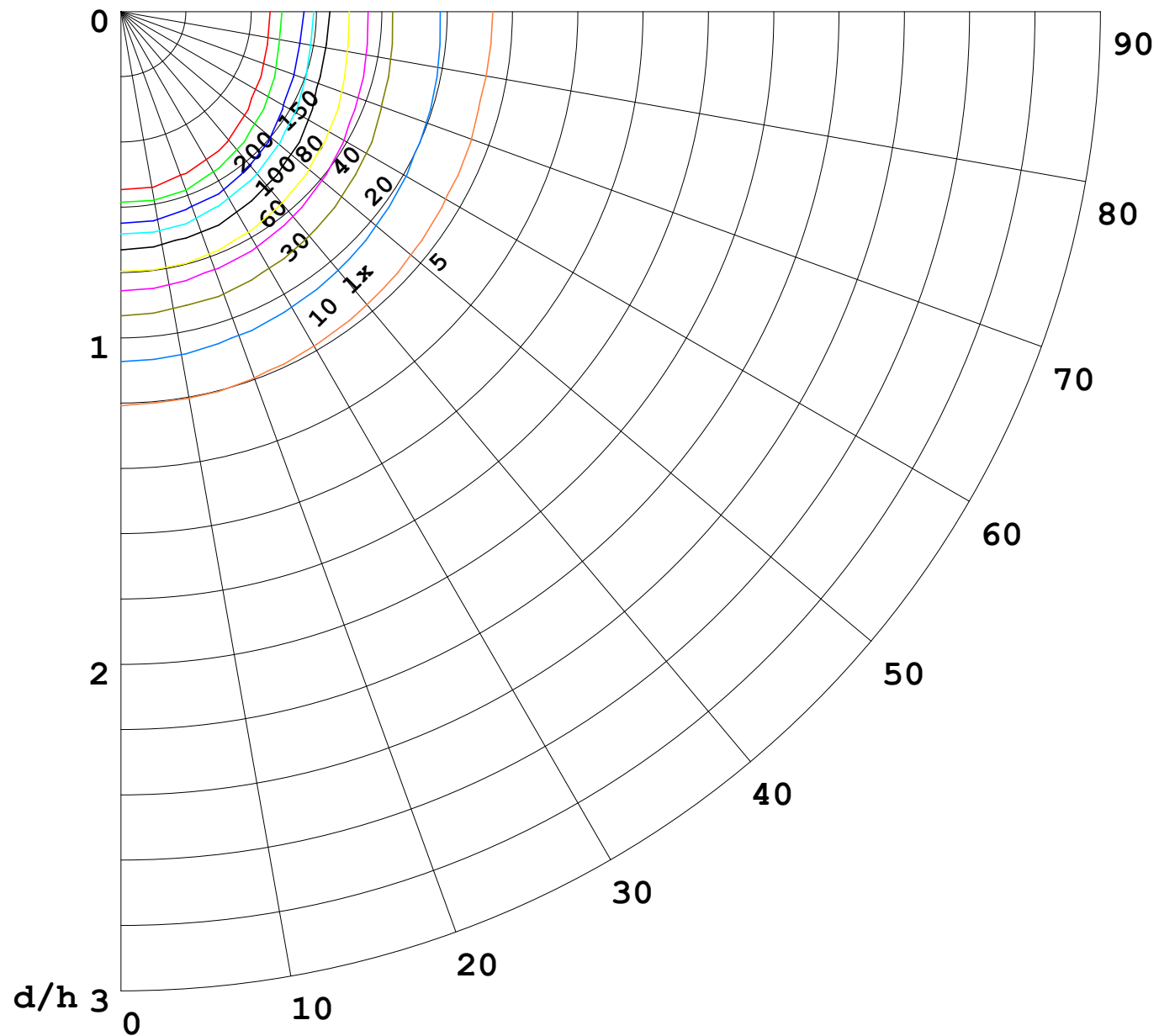
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

I (cd)



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

