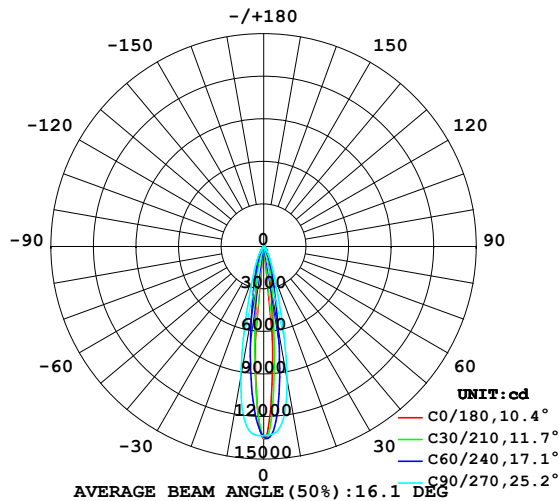


## LUMINAIRE PHOTOMETRIC TEST REPORT

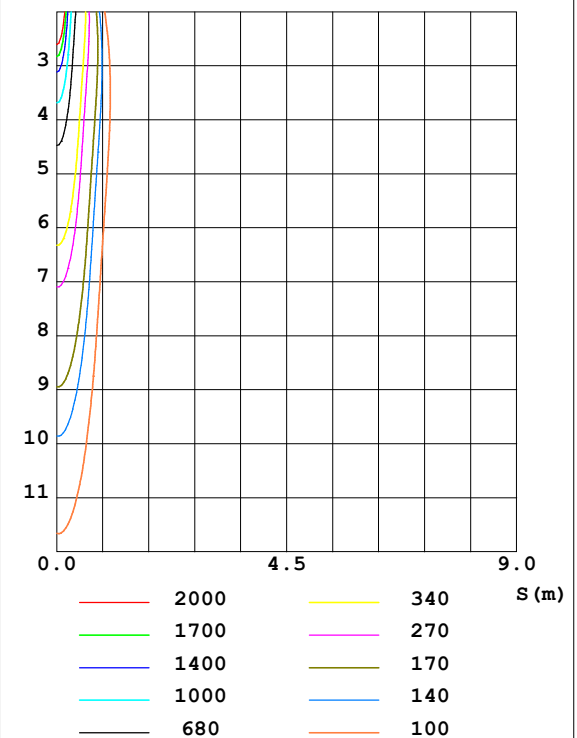
Test:U:24.00V I:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.08 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	13600	S/MH (C0/180)	0.19
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.41
RATED VOLTAGE (V)		TOTAL FLUX (lm)	2229.3	η UP, DN (C0-180)	1.8, 48.0
NOMINAL FLUX (lm)	2229.29	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.8
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)



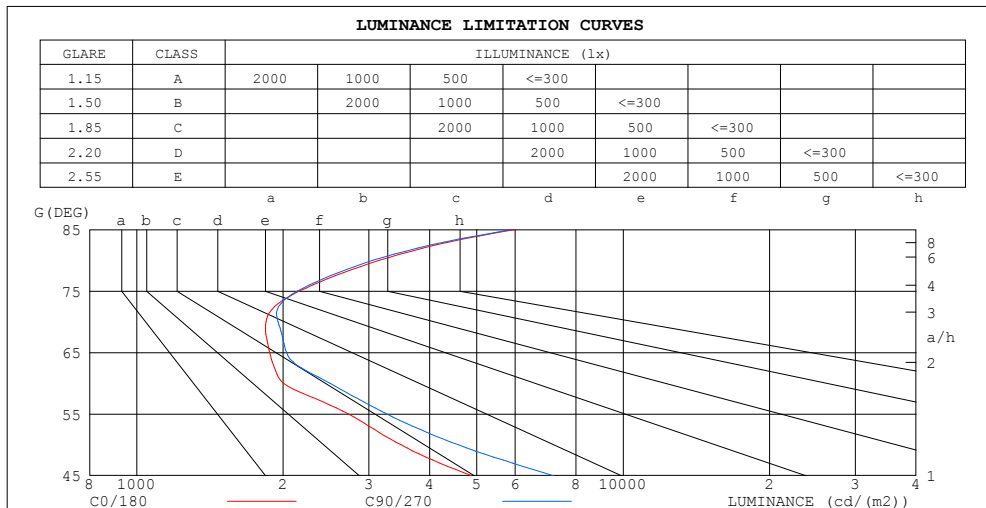
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-15

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
5	728.5	1006	1286	858.2	689.3	862.3	1289	1048	0- 5	270.6	270.6	12.1,12.1
10	309.5	475.4	950.1	424.2	312.0	417.1	931.7	531.9	5- 10	500.0	770.7	34.6,34.6
15	168.4	229.2	451.9	219.1	175.4	218.0	448.1	258.6	10- 15	432.9	1204	54,54
20	96.39	124.5	207.8	122.6	101.5	124.0	212.7	137.7	15- 20	307.3	1511	67.8,67.8
25	55.26	69.69	115.1	69.81	58.68	71.43	121.1	77.52	20- 25	215.7	1727	77.5,77.5
30	32.11	39.40	64.50	39.88	34.01	41.22	68.17	44.04	25- 30	148.5	1875	84.1,84.1
35	18.94	22.83	34.64	23.22	20.33	23.81	36.83	25.10	30- 35	98.46	1974	88.5,88.5
40	11.30	13.47	18.55	13.74	12.22	13.69	18.86	14.30	35- 40	63.60	2037	91.4,91.4
45	6.898	8.169	10.16	8.400	7.445	7.977	9.714	8.171	40- 45	40.56	2078	93.2,93.2
50	4.491	5.170	5.885	5.346	4.643	4.744	5.098	4.790	45- 50	26.17	2104	94.4,94.4
55	3.125	3.456	3.750	3.591	2.993	2.765	2.711	2.745	50- 55	17.39	2121	95.2,95.2
60	2.004	2.227	2.495	2.331	1.538	1.383	1.412	1.393	55- 60	11.32	2133	95.7,95.7
65	1.586	1.623	1.718	1.649	0.8273	0.7206	0.7522	0.7361	60- 65	7.111	2140	96,96
70	1.261	1.296	1.334	1.314	0.3879	0.3531	0.3695	0.3709	65- 70	5.097	2145	96.2,96.2
75	1.119	1.120	1.108	1.134	0.1644	0.1855	0.2040	0.1944	70- 75	3.776	2149	96.4,96.4
80	1.095	1.074	1.061	1.097	0.1535	0.1709	0.1996	0.1751	75- 80	3.428	2152	96.5,96.5
85	1.046	1.003	1.025	1.047	0.1639	0.1817	0.2392	0.1842	80- 85	3.370	2155	96.7,96.7
90	0.9542	0.9232	0.9476	0.9813	0.1938	0.2131	0.2343	0.2135	85- 90	3.255	2159	96.8,96.8
95	0.8710	0.8769	0.9031	0.9159	0.2536	0.2716	0.2921	0.2703	90- 95	3.184	2162	97,97
100	0.8169	0.8553	0.8612	0.8489	0.3203	0.3383	0.3606	0.3367	95- 100	3.190	2165	97.1,97.1
105	0.8048	0.8359	0.8321	0.8035	0.3895	0.4135	0.4432	0.4120	100-105	3.232	2168	97.3,97.3
110	0.7927	0.8192	0.8321	0.7903	0.4670	0.5044	0.5479	0.5031	105-110	3.318	2172	97.4,97.4
115	0.7820	0.8206	0.8620	0.8035	0.5637	0.6216	0.6858	0.6197	110-115	3.468	2175	97.6,97.6
120	0.7913	0.8692	0.9434	0.8647	0.6946	0.7873	0.8559	0.7800	115-120	3.728	2179	97.7,97.7
125	0.8775	0.9851	1.081	0.9972	0.9103	1.012	1.058	0.9957	120-125	4.169	2183	97.9,97.9
130	1.054	1.178	1.270	1.212	1.287	1.279	1.272	1.253	125-130	4.803	2188	98.1,98.1
135	1.388	1.440	1.498	1.481	1.585	1.516	1.476	1.497	130-135	5.475	2193	98.4,98.4
140	1.755	1.725	1.731	1.765	1.743	1.694	1.645	1.682	135-140	5.934	2199	98.6,98.6
145	2.002	1.992	1.942	2.029	1.840	1.825	1.769	1.810	140-145	6.049	2205	98.9,98.9
150	2.264	2.218	2.106	2.250	1.911	1.923	1.845	1.897	145-150	5.840	2211	99.2,99.2
155	2.504	2.389	2.205	2.416	1.978	2.001	1.883	1.950	150-155	5.361	2216	99.4,99.4
160	2.641	2.458	2.230	2.507	2.045	2.059	1.894	1.968	155-160	4.631	2221	99.6,99.6
165	2.592	2.419	2.219	2.502	2.076	2.097	1.899	1.945	160-165	3.682	2225	99.8,99.8
170	2.458	2.281	2.190	2.412	2.084	2.110	1.937	1.895	165-170	2.615	2227	99.9,99.9
175	2.219	2.109	2.160	2.238	2.007	2.091	2.018	1.882	170-175	1.528	2229	100,100
180	1.921	2.055	2.137	2.037	1.914	2.055	2.130	2.033	175-180	0.4930	2229	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5999	5879
80	3153	3056
75	2161	2140
70	1844	1951
65	1876	2033
60	2004	2495
55	2724	3269
50	3493	4577
45	4878	7187

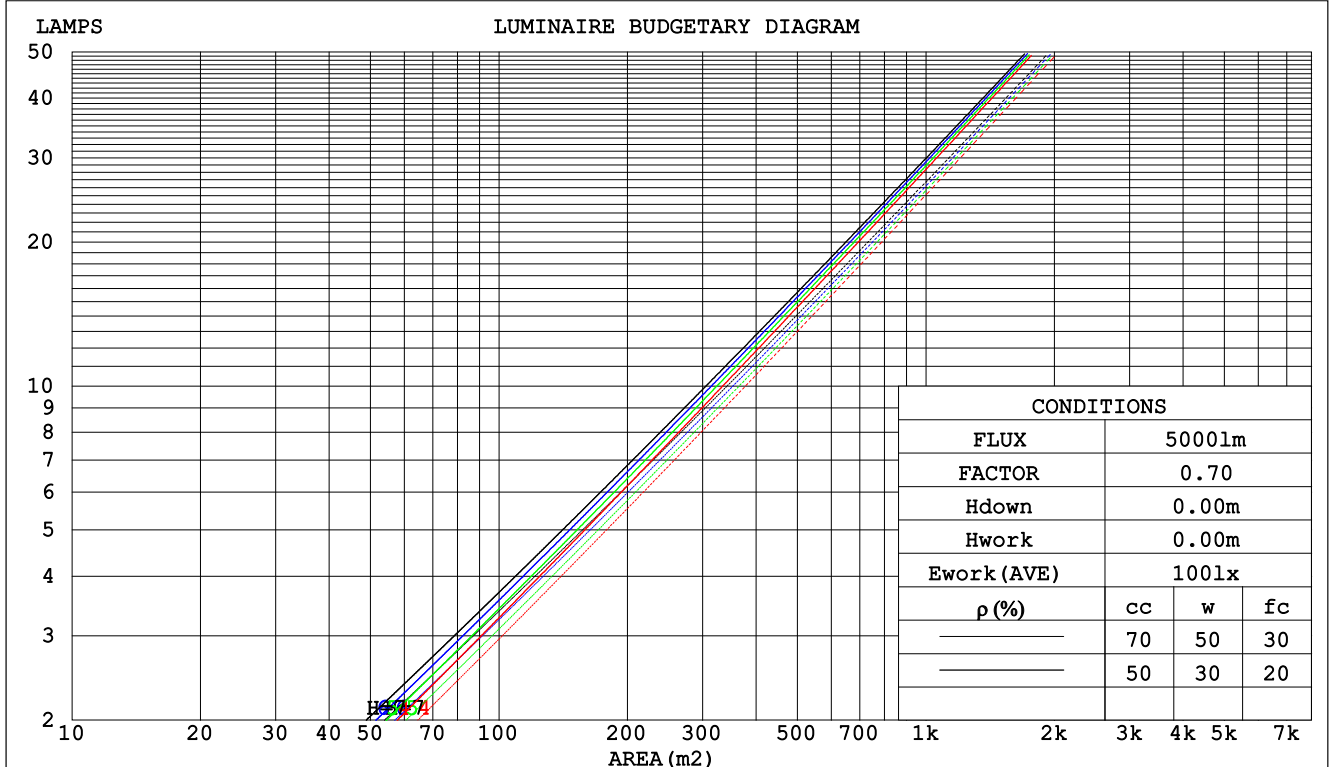
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	.00	.99	.98	.96	.95	.94	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.96	.94	.93	.93	.92	.90	.89
3.0	.00	.96	.93	.98	.95	.92	.95	.92	.90	.93	.90	.88	.90	.88	.86	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.89	.87	.84	.87	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.86	.83	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.82	.79	.85	.81	.78	.83	.80	.78	.82	.79	.77	.76
7.0	.84	.80	.76	.84	.79	.76	.82	.78	.76	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.77	.74	.81	.76	.73	.80	.76	.73	.78	.75	.73	.77	.74	.72	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.75	.72	.70	.69
10.0	.76	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.73	.70	.68	.67



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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm					
NAME: AW01-24V-3535-18-3000K-A-1525			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	.154	.088	.028	.146	.084	.027	.132	.076	.024	.119	.069	.022	.107	.062	.020	
2.0	.143	.078	.024	.137	.075	.023	.125	.069	.022	.113	.064	.020	.103	.058	.018	
3.0	.133	.071	.021	.128	.068	.021	.118	.064	.019	.108	.059	.018	.099	.055	.017	
4.0	.125	.065	.019	.120	.063	.019	.111	.059	.018	.103	.055	.017	.095	.052	.016	
5.0	.117	.060	.017	.113	.058	.017	.106	.055	.016	.098	.052	.015	.092	.049	.015	
6.0	.111	.056	.016	.107	.054	.016	.100	.051	.015	.094	.049	.014	.088	.046	.014	
7.0	.105	.052	.015	.102	.051	.014	.096	.048	.014	.090	.046	.013	.085	.044	.013	
8.0	.100	.049	.014	.097	.048	.013	.092	.046	.013	.087	.044	.013	.082	.042	.012	
9.0	.095	.046	.013	.092	.045	.013	.088	.043	.012	.083	.042	.012	.079	.040	.012	
10.0	.091	.043	.012	.088	.043	.012	.084	.041	.012	.080	.040	.011	.076	.038	.011	

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	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.194	.182	.171	.166	.156	.147	.113	.107	.102	.065	.062	.059	.021	.020	.019	
2.0	.177	.157	.141	.152	.135	.121	.104	.094	.085	.060	.054	.050	.019	.018	.016	
3.0	.163	.138	.118	.140	.119	.103	.096	.083	.072	.055	.048	.042	.018	.016	.014	
4.0	.151	.123	.102	.130	.106	.088	.089	.074	.062	.052	.043	.037	.017	.014	.012	
5.0	.141	.111	.089	.121	.096	.077	.083	.067	.055	.048	.039	.032	.016	.013	.011	
6.0	.132	.101	.079	.114	.088	.069	.078	.061	.049	.046	.036	.029	.015	.012	.010	
7.0	.125	.093	.071	.107	.081	.062	.074	.057	.044	.043	.033	.026	.014	.011	.009	
8.0	.119	.087	.065	.102	.075	.056	.071	.053	.040	.041	.031	.024	.013	.010	.008	
9.0	.113	.081	.060	.097	.070	.052	.067	.049	.037	.039	.029	.022	.013	.010	.007	
10.0	.108	.076	.055	.093	.066	.048	.065	.047	.034	.038	.028	.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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm										
NAME: AW01-24V-3535-18-3000K-A-1525					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	10.2	10.9	10.4	11.1	11.3	12.1	12.8	12.4	13.0	13.2
3H	10.6	11.2	10.9	11.5	11.7	12.3	13.0	12.6	13.2	13.5
4H	10.9	11.5	11.2	11.8	12.1	12.5	13.1	12.8	13.4	13.6
6H	11.5	12.1	11.8	12.4	12.7	12.8	13.4	13.1	13.7	14.0
8H	11.9	12.5	12.3	12.8	13.1	13.1	13.6	13.4	14.0	14.3
12H	12.5	13.1	12.9	13.4	13.7	13.5	14.0	13.9	14.4	14.7
4H 2H	10.3	10.9	10.6	11.1	11.4	12.0	12.7	12.4	12.9	13.2
3H	10.8	11.4	11.2	11.7	12.0	12.4	12.9	12.7	13.2	13.6
4H	11.3	11.8	11.7	12.2	12.5	12.6	13.2	13.0	13.5	13.9
6H	12.2	12.6	12.6	13.0	13.4	13.2	13.6	13.6	14.0	14.4
8H	12.8	13.2	13.2	13.6	14.0	13.6	14.0	14.1	14.4	14.9
12H	13.6	14.0	14.1	14.4	14.9	14.2	14.6	14.7	15.1	15.5
8H 4H	11.5	11.9	12.0	12.3	12.8	12.7	13.2	13.2	13.6	14.0
6H	12.7	13.0	13.1	13.5	13.9	13.5	13.9	14.0	14.3	14.8
8H	13.5	13.8	14.0	14.3	14.8	14.1	14.4	14.6	14.9	15.4
12H	14.6	14.8	15.1	15.3	15.9	15.0	15.3	15.5	15.8	16.3
12H 4H	11.6	12.0	12.0	12.4	12.8	12.8	13.1	13.2	13.6	14.0
6H	12.8	13.1	13.3	13.6	14.1	13.6	13.9	14.1	14.4	14.9
8H	13.8	14.0	14.3	14.5	15.1	14.3	14.6	14.9	15.1	15.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.7					+ 1.5 / - 1.2				
1.5H	+ 1.0 / - 0.5					+ 2.8 / - 1.0				
2.0H	+ 0.8 / - 0.4					+ 1.7 / - 0.6				

CIE Pub.117 Corrected 2229 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.8)

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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

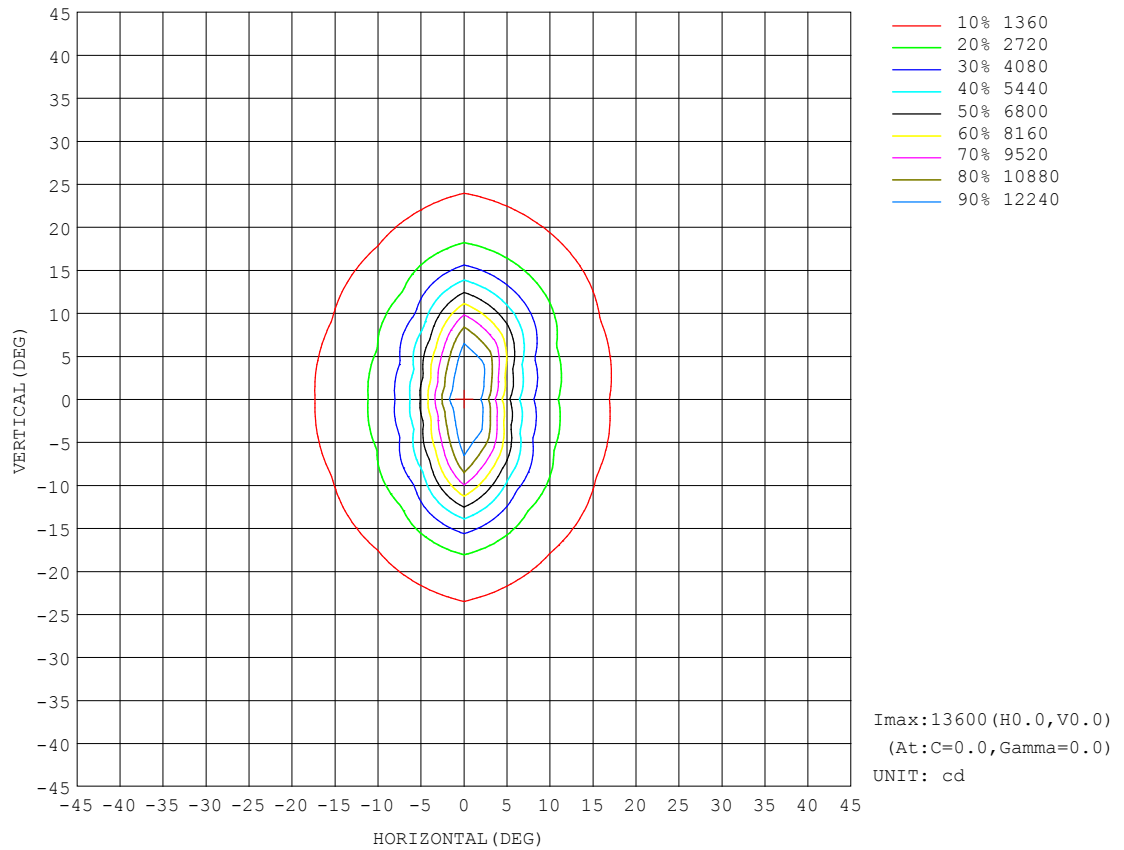
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	92	98	94	91	87
1.50	105	100	96	103	99	96	101	97	94	89
2.00	107	103	100	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	107	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

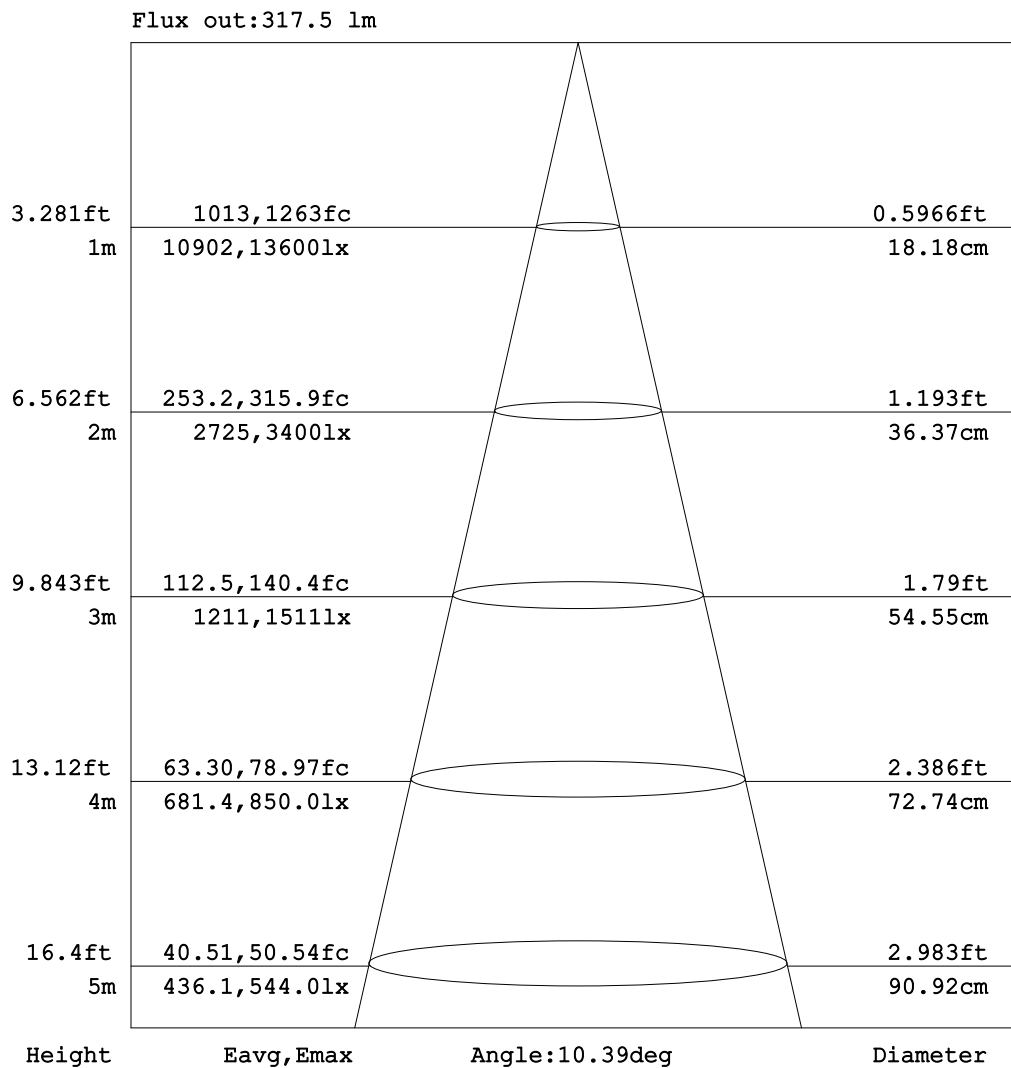


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-15

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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	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.

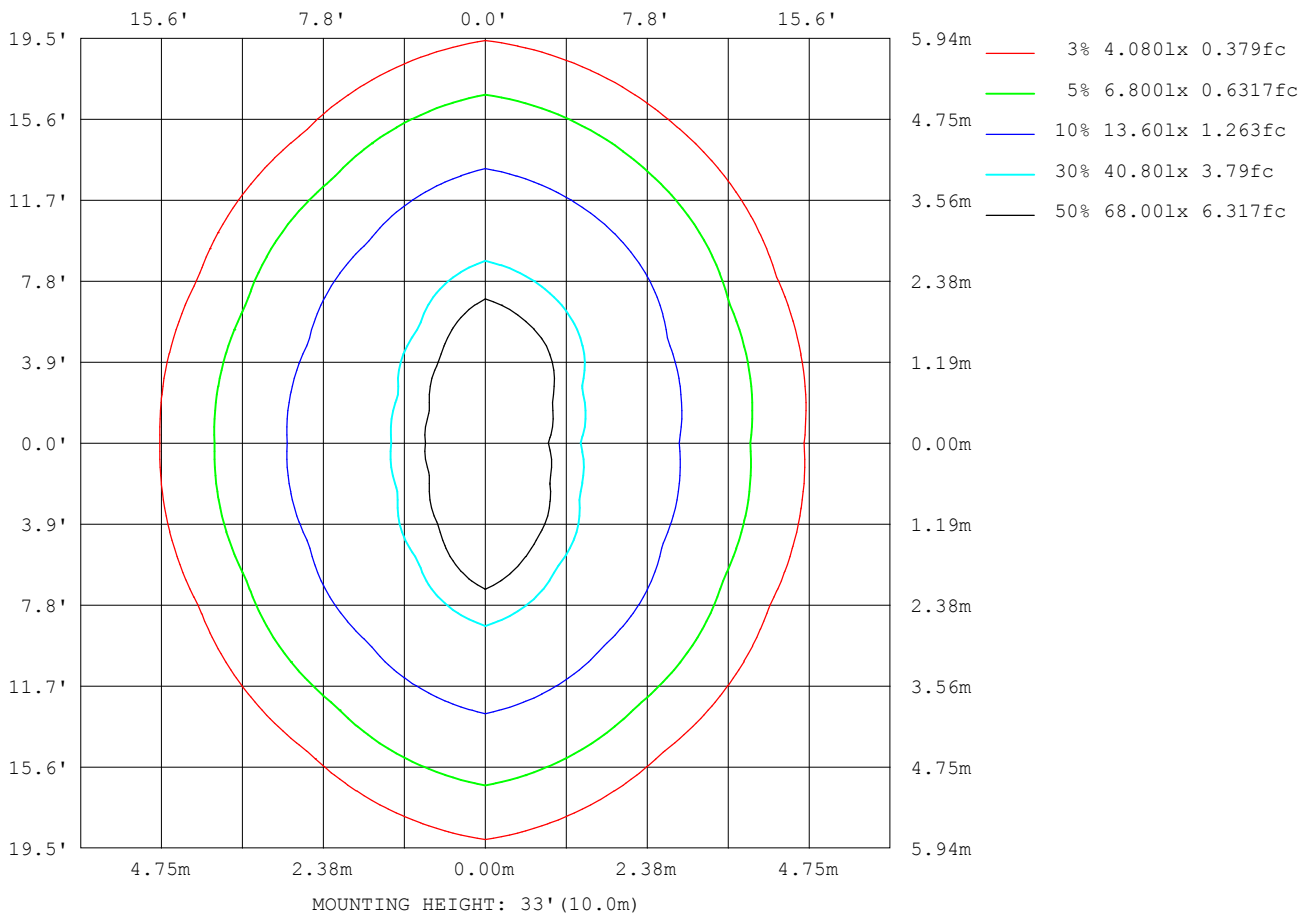
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-15

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

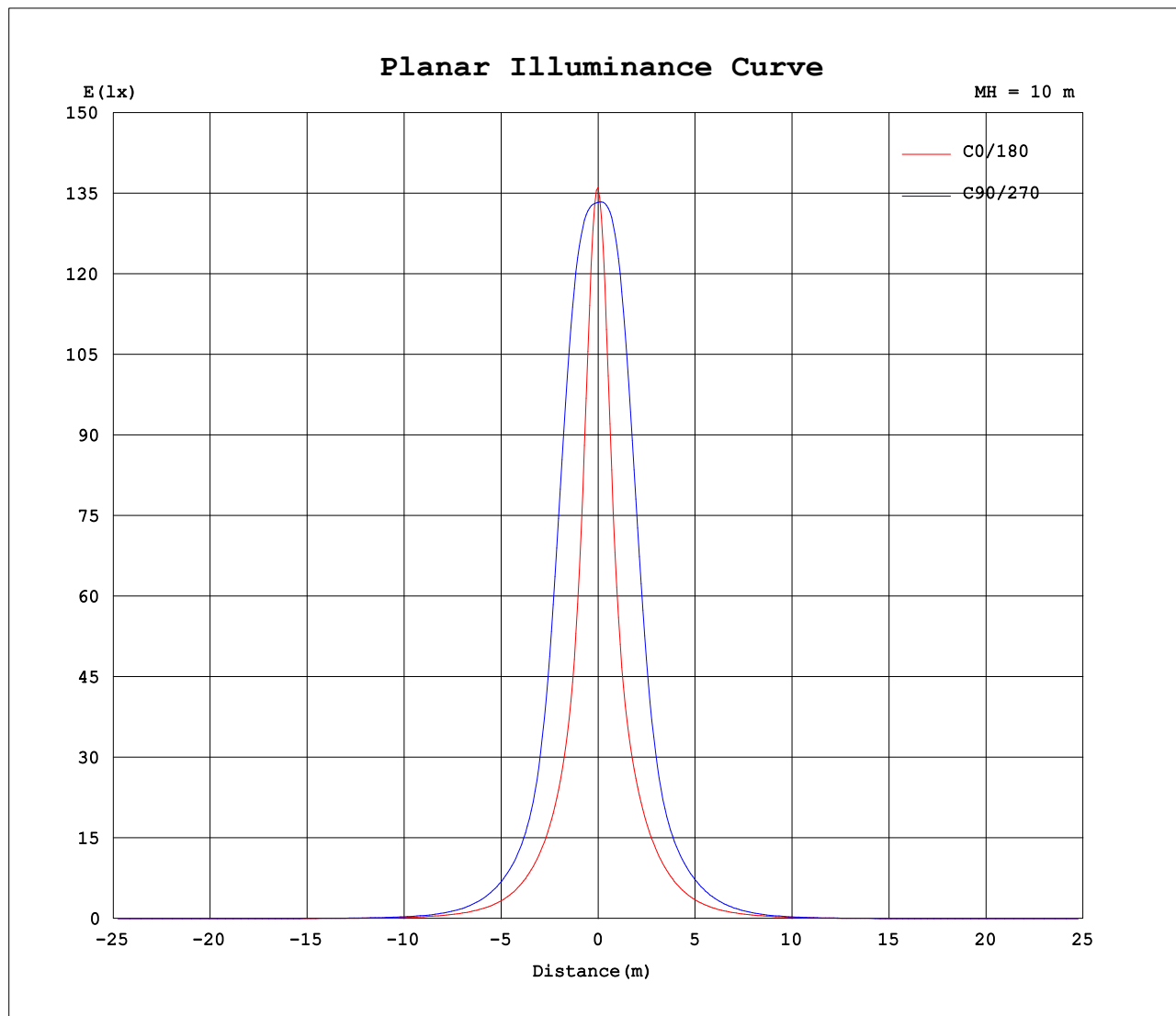
Test:U:24.00V I:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:1.496A P:35.91W PF:1.000 Lamp Flux:2229.29x1 lm		
NAME: AW01-24V-3535-18-3000K-A-1525	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	1360	1352	1342	1333	1334	1347	1360	1352	1342	1333	1334	1347						
5	728	862	1151	1286	985	731	689	734	991	1289	1206	890						
10	309	361	590	950	514	335	312	333	501	932	687	377						
15	168	188	270	452	253	185	175	185	251	448	320	197						
20	96.4	106	143	208	139	106	102	107	141	213	163	113						
25	55.3	60.2	79.2	115	78.3	61.3	58.7	61.9	81.0	121	90.7	64.4						
30	32.1	34.4	44.4	64.5	44.4	35.3	34.0	36.1	46.3	68.2	50.9	37.2						
35	18.9	20.3	25.4	34.6	25.5	20.9	20.3	21.4	26.2	36.8	28.3	21.9						
40	11.3	12.3	14.7	18.6	14.8	12.6	12.2	12.6	14.8	18.9	15.8	12.8						
45	6.90	7.53	8.81	10.2	8.94	7.86	7.45	7.52	8.43	9.71	8.83	7.52						
50	4.49	4.87	5.47	5.88	5.56	5.13	4.64	4.62	4.86	5.10	5.02	4.56						
55	3.13	3.36	3.55	3.75	3.63	3.55	2.99	2.82	2.71	2.71	2.76	2.73						
60	2.00	2.15	2.30	2.49	2.37	2.29	1.54	1.41	1.35	1.41	1.39	1.39						
65	1.59	1.61	1.64	1.72	1.66	1.64	0.83	0.74	0.70	0.75	0.72	0.75						
70	1.26	1.28	1.32	1.33	1.33	1.30	0.39	0.36	0.34	0.37	0.36	0.38						
75	1.12	1.12	1.12	1.11	1.14	1.13	0.16	0.18	0.19	0.20	0.19	0.20						
80	1.10	1.09	1.06	1.06	1.10	1.09	0.15	0.16	0.18	0.20	0.18	0.17						
85	1.05	1.01	0.99	1.02	1.05	1.05	0.16	0.17	0.20	0.24	0.20	0.17						
90	0.95	0.92	0.93	0.95	0.99	0.98	0.19	0.20	0.23	0.23	0.23	0.20						
95	0.87	0.86	0.90	0.90	0.93	0.90	0.25	0.26	0.29	0.29	0.28	0.26						
100	0.82	0.84	0.87	0.86	0.87	0.83	0.32	0.32	0.35	0.36	0.35	0.32						
105	0.80	0.82	0.85	0.83	0.82	0.79	0.39	0.39	0.43	0.44	0.43	0.39						
110	0.79	0.80	0.83	0.83	0.80	0.78	0.47	0.48	0.53	0.55	0.53	0.48						
115	0.78	0.80	0.84	0.86	0.82	0.79	0.56	0.58	0.66	0.69	0.65	0.59						
120	0.79	0.83	0.91	0.94	0.90	0.83	0.69	0.74	0.83	0.86	0.82	0.74						
125	0.88	0.93	1.04	1.08	1.04	0.96	0.91	0.98	1.05	1.06	1.03	0.96						
130	1.05	1.13	1.23	1.27	1.25	1.18	1.29	1.28	1.28	1.27	1.26	1.24						
135	1.39	1.41	1.47	1.50	1.50	1.46	1.58	1.54	1.49	1.48	1.48	1.51						
140	1.75	1.72	1.73	1.73	1.77	1.76	1.74	1.71	1.67	1.65	1.67	1.70						
145	2.00	2.00	1.98	1.94	2.01	2.05	1.84	1.83	1.82	1.77	1.80	1.82						
150	2.26	2.25	2.19	2.11	2.22	2.28	1.91	1.92	1.93	1.85	1.90	1.90						
155	2.50	2.45	2.32	2.21	2.36	2.47	1.98	2.00	2.01	1.88	1.94	1.96						
160	2.64	2.55	2.37	2.23	2.43	2.58	2.04	2.06	2.06	1.89	1.94	1.99						
165	2.59	2.51	2.32	2.22	2.44	2.57	2.08	2.10	2.10	1.90	1.90	1.99						
170	2.46	2.35	2.22	2.19	2.37	2.46	2.08	2.11	2.10	1.94	1.87	1.92						
175	2.22	2.09	2.13	2.16	2.22	2.25	2.01	2.09	2.10	2.02	1.92	1.84						
180	1.92	2.00	2.11	2.14	2.09	1.99	1.91	2.00	2.11	2.13	2.09	1.98						

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	13600	13518	13415	13334	13343	13468	13600	13518	13415	13334
2.5	11447	12329	13262	13267	12026	10992	10994	11038	12174	13315
5.0	7285	8618	11508	12859	9853	7311	6893	7342	9905	12891
7.5	4518	5454	8678	11681	7351	4787	4423	4770	7283	11589
10.0	3095	3608	5900	9501	5137	3346	3120	3334	5007	9317
12.5	2254	2564	3933	6841	3560	2467	2318	2457	3473	6699
15.0	1684	1882	2703	4519	2531	1850	1754	1851	2508	4481
17.5	1275	1408	1945	2976	1865	1400	1332	1408	1866	3017
20.0	963.9	1061	1429	2078	1389	1064	1015	1069	1412	2127
22.5	729.3	797.4	1063	1529	1043	806.4	771.9	814.4	1069	1595
25.0	552.6	601.8	792.0	1151	783.1	613.1	586.8	618.5	810.1	1211
27.5	421.2	453.4	592.7	862.4	589.7	464.4	446.4	472.2	612.0	916.5
30.0	321.1	343.7	444.4	645.0	444.4	353.2	340.1	361.2	463.1	681.7
32.5	246.6	262.7	334.8	475.7	336.3	270.6	262.3	277.7	347.6	502.9
35.0	189.4	203.0	253.7	346.4	255.4	209.0	203.3	213.9	262.2	368.3
37.5	146.0	157.4	191.7	253.3	193.3	162.1	157.4	163.0	197.3	266.0
40.0	113.0	122.5	146.9	185.5	148.5	126.4	122.2	125.5	148.2	188.6
42.5	87.83	95.83	113.3	136.5	114.7	99.38	95.28	96.78	111.6	134.6
45.0	68.98	75.29	88.09	101.6	89.37	78.64	74.45	75.25	84.29	97.14
47.5	54.88	60.16	69.02	76.64	70.09	63.13	58.56	58.68	63.92	69.77
50.0	44.91	48.73	54.67	58.85	55.65	51.27	46.43	46.25	48.63	50.98
52.5	37.46	40.41	43.93	46.53	44.79	42.53	37.32	36.52	36.68	37.32
55.0	31.25	33.63	35.49	37.50	36.35	35.47	29.93	28.23	27.08	27.11
57.5	25.03	27.43	28.70	30.57	29.45	29.15	22.76	20.61	19.48	19.59
60.0	20.04	21.51	23.03	24.95	23.75	22.87	15.38	14.14	13.53	14.12
62.5	17.73	18.05	18.67	20.13	18.99	18.47	10.89	10.06	9.349	10.09
65.0	15.86	16.06	16.39	17.18	16.58	16.40	8.273	7.420	6.991	7.522
67.5	14.15	14.30	14.74	15.25	14.88	14.60	5.954	5.361	5.054	5.475
70.0	12.61	12.76	13.17	13.34	13.28	13.00	3.879	3.619	3.442	3.695
72.5	11.55	11.67	11.86	11.77	12.04	11.81	2.319	2.398	2.302	2.500
75.0	11.19	11.20	11.19	11.08	11.42	11.26	1.644	1.843	1.867	2.040
77.5	11.07	11.08	10.89	10.83	11.20	11.08	1.544	1.702	1.836	1.968
80.0	10.95	10.88	10.60	10.61	11.00	10.94	1.535	1.595	1.823	1.996
82.5	10.75	10.57	10.26	10.50	10.75	10.73	1.556	1.602	1.887	2.253
85.0	10.46	10.14	9.923	10.25	10.48	10.46	1.639	1.651	1.983	2.392
87.5	10.06	9.672	9.573	9.781	10.16	10.17	1.773	1.810	2.110	2.185
90.0	9.542	9.157	9.307	9.476	9.853	9.774	1.938	1.981	2.282	2.343
92.5	9.110	8.790	9.103	9.260	9.592	9.418	2.218	2.260	2.567	2.610
95.0	8.710	8.587	8.950	9.031	9.313	9.005	2.536	2.565	2.866	2.921
97.5	8.373	8.486	8.817	8.816	9.014	8.599	2.866	2.889	3.190	3.263
100.0	8.169	8.409	8.696	8.612	8.697	8.282	3.203	3.219	3.546	3.606
102.5	8.092	8.339	8.594	8.447	8.442	8.047	3.546	3.575	3.914	3.994
105.0	8.048	8.244	8.474	8.321	8.214	7.857	3.895	3.943	4.327	4.432
107.5	8.010	8.155	8.385	8.313	8.074	7.776	4.264	4.337	4.785	4.914
110.0	7.927	8.048	8.336	8.321	8.041	7.766	4.670	4.794	5.293	5.479
112.5	7.864	8.035	8.345	8.417	8.068	7.787	5.128	5.264	5.885	6.121
115.0	7.820	8.022	8.390	8.620	8.193	7.877	5.637	5.842	6.590	6.858
117.5	7.823	8.099	8.637	8.964	8.503	8.049	6.241	6.546	7.410	7.670
120.0	7.913	8.328	9.055	9.434	8.960	8.335	6.946	7.409	8.337	8.559
122.5	8.255	8.716	9.633	10.06	9.594	8.812	7.855	8.501	9.348	9.550
125.0	8.775	9.327	10.38	10.81	10.39	9.556	9.103	9.790	10.46	10.58
127.5	9.530	10.16	11.28	11.70	11.37	10.57	10.83	11.29	11.61	11.65
130.0	10.54	11.26	12.30	12.70	12.48	11.77	12.87	12.81	12.77	12.72
132.5	11.97	12.59	13.45	13.81	13.73	13.12	14.61	14.23	13.89	13.78
135.0	13.88	14.09	14.71	14.98	15.02	14.60	15.85	15.39	14.94	14.76
137.5	15.88	15.64	15.99	16.14	16.35	16.10	16.73	16.36	15.88	15.65
140.0	17.55	17.20	17.31	17.66	17.66	17.63	17.43	17.13	16.75	16.45
142.5	18.83	18.65	18.59	18.40	18.93	19.08	17.98	17.76	17.52	17.12
145.0	20.02	20.04	19.81	19.42	20.13	20.45	18.40	18.31	18.19	17.69
147.5	21.30	21.31	20.91	20.32	21.21	21.69	18.77	18.77	18.77	18.13
150.0	22.64	22.50	21.87	21.06	22.16	22.84	19.11	19.19	19.27	18.45
152.5	23.91	23.59	22.65	21.64	22.96	23.88	19.43	19.59	19.70	18.67
155.0	25.04	24.53	23.24	22.05	23.59	24.74	19.78	19.96	20.06	18.83
157.5	25.94	25.20	23.61	22.27	24.06	25.40	20.14	20.30	20.37	18.89
160.0	26.41	25.48	23.68	22.30	24.35	25.79	20.45	20.57	20.61	18.94
162.5	26.34	25.46	23.63	22.28	24.43	25.81	20.64	20.79	20.82	18.95
165.0	25.92	25.14	23.24	22.19	24.38	25.66	20.76	20.96	20.98	18.99
167.5	25.32	24.50	22.70	22.05	24.15	25.21	20.83	21.09	21.03	19.13
170.0	24.58	23.47	22.15	21.90	23.66	24.58	20.84	21.15	21.04	19.37
172.5	23.56	22.14	21.65	21.73	23.00	23.69	20.70	21.15	20.97	19.73
175.0	22.19	20.86	21.32	21.60	22.25	22.51	20.07	20.86	20.96	20.18
177.5	20.48	20.04	21.16	21.51	21.55	21.15	19.14	20.33	21.01	20.77
180.0	19.21	19.95	21.14	21.37	20.87	19.86	19.14	20.01	21.09	21.30

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

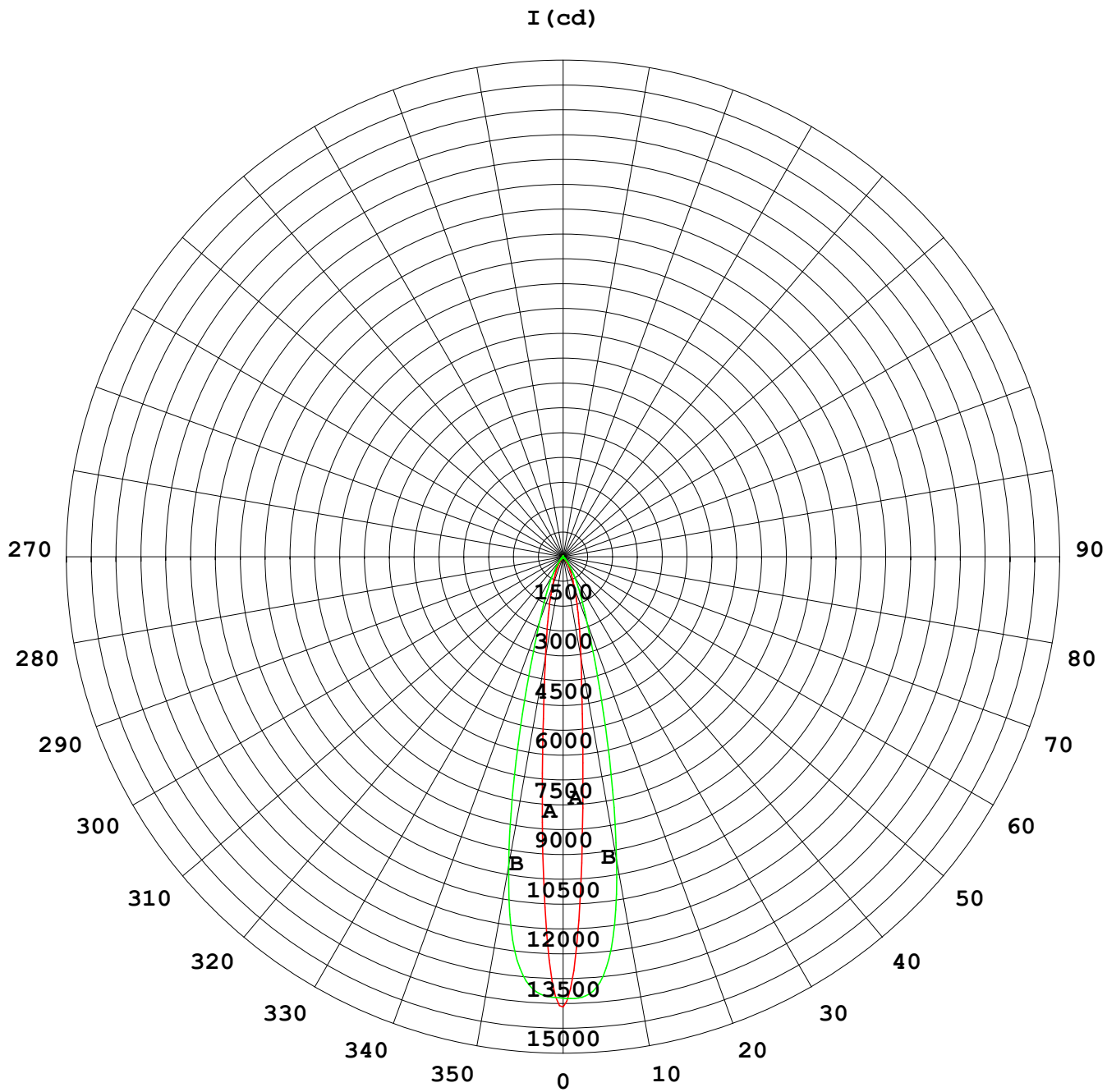
γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 10.000m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

G/C	300.0	330.0
0.0	13343	13468
2.5	13445	12435
5.0	12059	8898
7.5	9573	5693
10.0	6866	3772
12.5	4702	2683
15.0	3197	1975
17.5	2237	1491
20.0	1629	1125
22.5	1211	852.4
25.0	906.9	643.6
27.5	678.8	488.3
30.0	509.3	371.5
32.5	380.6	284.1
35.0	283.2	218.7
37.5	212.3	166.6
40.0	158.4	127.6
42.5	118.2	97.51
45.0	88.25	75.16
47.5	66.50	58.24
50.0	50.19	45.60
52.5	37.62	35.71
55.0	27.59	27.31
57.5	19.78	19.79
60.0	13.94	13.92
62.5	9.709	10.07
65.0	7.188	7.535
67.5	5.232	5.526
70.0	3.633	3.784
72.5	2.448	2.608
75.0	1.936	1.952
77.5	1.855	1.760
80.0	1.850	1.652
82.5	1.900	1.638
85.0	2.008	1.676
87.5	2.128	1.854
90.0	2.275	1.994
92.5	2.548	2.260
95.0	2.841	2.565
97.5	3.171	2.883
100.0	3.520	3.213
102.5	3.902	3.562
105.0	4.309	3.931
107.5	4.766	4.337
110.0	5.274	4.788
112.5	5.859	5.308
115.0	6.539	5.854
117.5	7.334	6.533
120.0	8.236	7.365
122.5	9.234	8.393
125.0	10.31	9.600
127.5	11.46	10.99
130.0	12.62	12.44
132.5	13.76	13.87
135.0	14.83	15.11
137.5	15.79	16.16
140.0	16.66	16.98
142.5	17.41	17.63
145.0	18.05	18.16
147.5	18.55	18.60
150.0	18.96	18.98
152.5	19.25	19.30
155.0	19.42	19.58
157.5	19.43	19.78
160.0	19.44	19.92
162.5	19.24	19.92
165.0	18.98	19.92
167.5	18.73	19.65
170.0	18.71	19.18
172.5	18.83	18.63
175.0	19.25	18.38
177.5	19.98	18.64
180.0	20.88	19.79

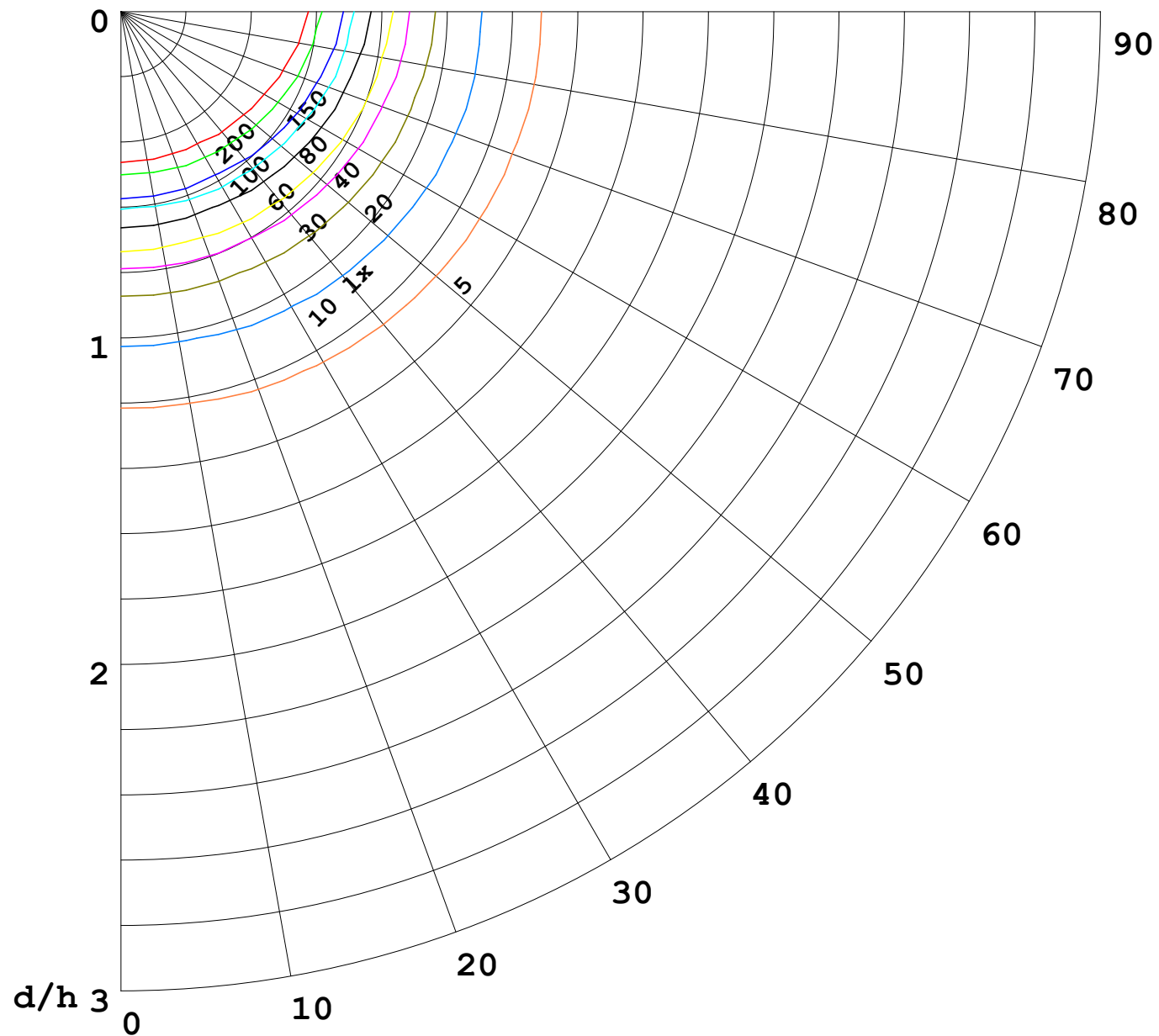
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-15

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:



1000 lm

$K = 1$



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

