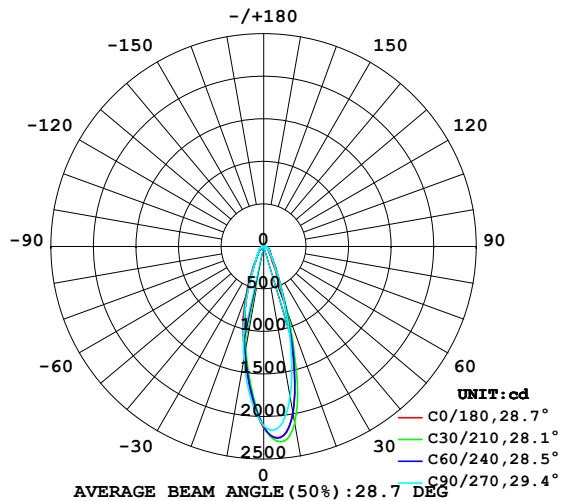


## LUMINAIRE PHOTOMETRIC TEST REPORT

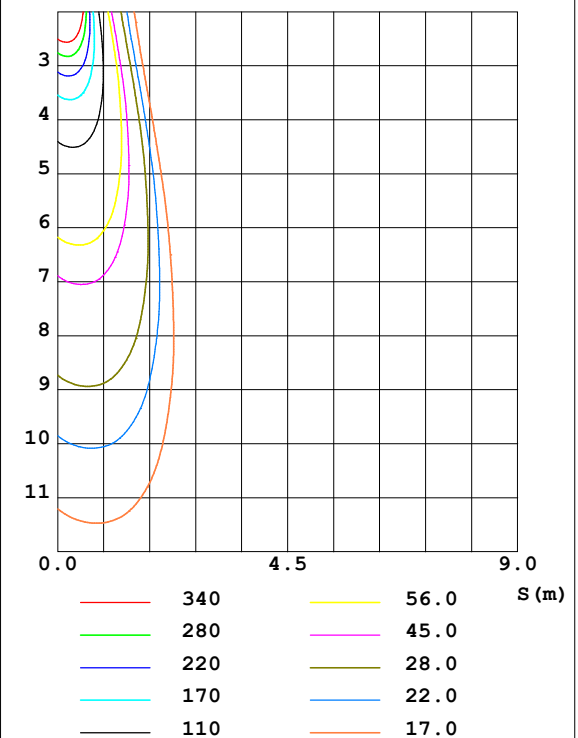
Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.23 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	2306	S/MH (C0/180)	0.53
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.55
RATED VOLTAGE (V)		TOTAL FLUX (lm)	971.15	η UP, DN (C0-180)	1.7, 53.7
NOMINAL FLUX (lm)	971.153	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 43.3
LAMPS INSIDE	1	η up (%)	3.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	97.0	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



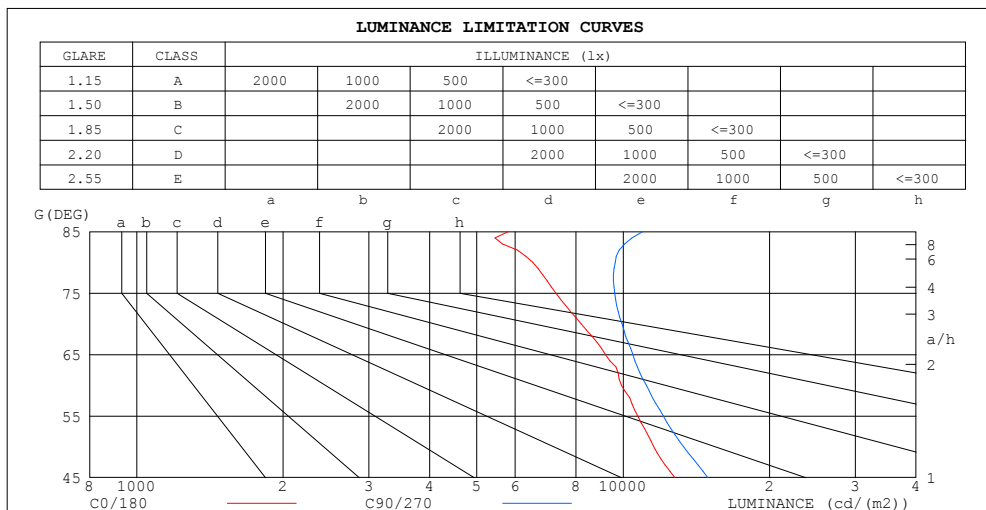
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

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

### ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

#### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1994	2044	1793	1505	1295	1245	1340	1626	0- 10	176.4	176.4	18.2,18.2
20	716.0	783.1	735.0	676.7	612.6	548.9	529.1	634.8	10- 20	302.7	479.1	49.3,49.3
30	209.5	262.6	259.6	213.4	205.5	185.1	190.2	198.9	20- 30	172.3	651.4	67.1,67.1
40	112.2	136.1	133.4	109.5	98.52	99.02	106.7	105.6	30- 40	95.12	746.5	76.9,76.9
50	74.33	92.03	85.46	73.98	62.39	65.60	69.35	71.81	40- 50	70.55	817.1	84.1,84.1
60	49.55	62.27	55.81	53.17	41.56	45.39	45.99	50.89	50- 60	56.05	873.1	89.9,89.9
70	28.03	34.56	33.99	31.67	23.82	26.70	27.88	29.25	60- 70	40.03	913.1	94,94
80	11.31	14.54	16.73	14.29	8.893	10.67	12.49	10.79	70- 80	21.88	935.0	96.3,96.3
90	3.859	3.899	4.076	3.855	1.187	1.347	1.490	1.220	80- 90	6.715	941.7	97,97
100	3.676	3.742	3.909	3.702	1.704	1.860	1.929	1.682	90-100	2.910	944.7	97.3,97.3
110	3.596	3.742	3.895	3.695	2.403	2.581	2.569	2.370	100-110	3.084	947.7	97.6,97.6
120	3.887	4.026	4.208	4.055	3.605	3.800	3.748	3.429	110-120	3.392	951.1	97.9,97.9
130	4.832	4.925	5.177	5.165	5.229	5.344	5.233	4.918	120-130	3.965	955.1	98.3,98.3
140	6.513	6.468	6.655	6.810	6.582	6.643	6.507	6.348	130-140	4.502	959.6	98.8,98.8
150	8.312	8.128	8.169	8.412	7.506	7.513	7.316	7.236	140-150	4.527	964.1	99.3,99.3
160	9.354	9.078	8.998	9.216	8.023	7.975	7.658	7.593	150-160	3.791	967.9	99.7,99.7
170	9.377	9.081	9.012	9.009	8.124	8.183	8.000	7.728	160-170	2.419	970.3	99.9,99.9
180	8.743	8.783	8.838	8.477	8.692	8.725	8.787	8.459	170-180	0.8167	971.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5806	10969
80	6515	9634
75	7270	9603
70	8197	9939
65	9193	10469
60	9910	11161
55	10708	12100
50	11563	13295
45	12764	14939

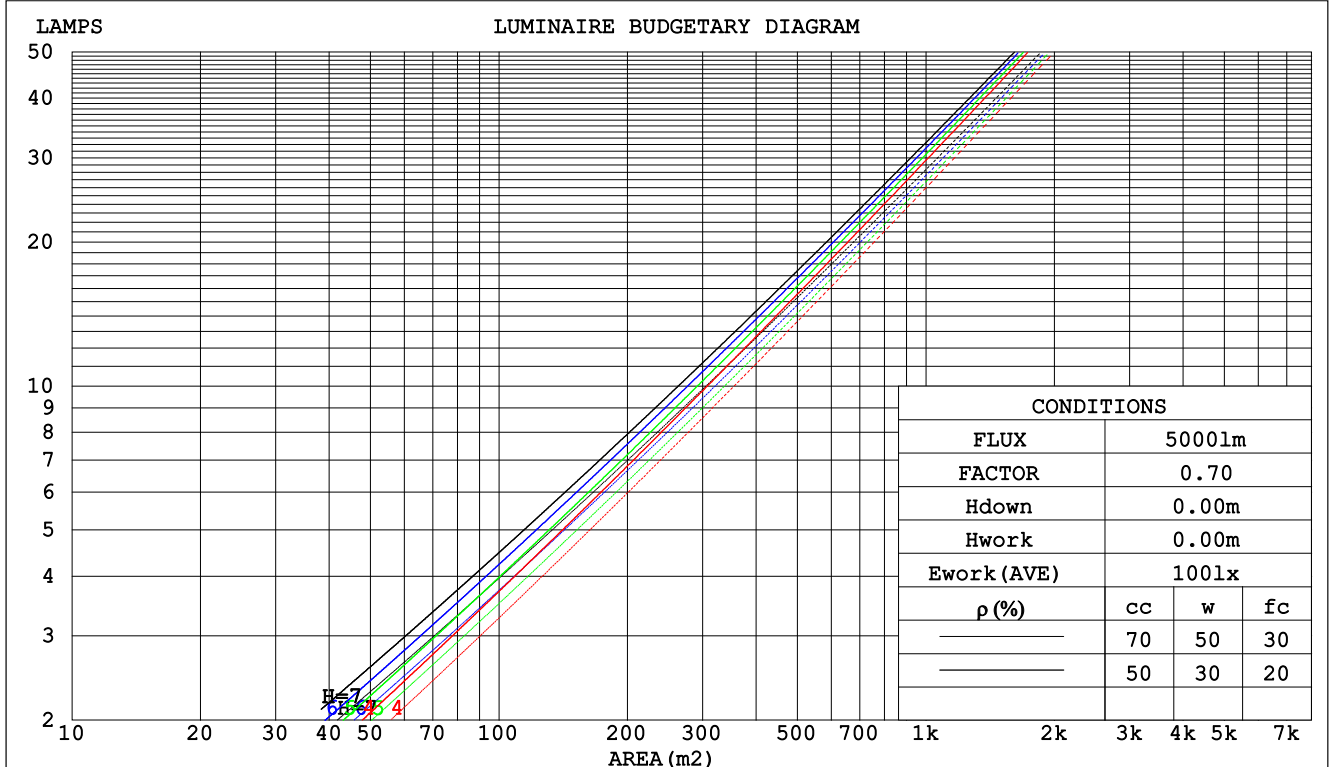
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

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

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	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	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.99	.98	.97	.96	.94	.93	.92	.91	.89
2.0	1.00	.96	.92	.98	.94	.91	.94	.91	.88	.91	.88	.86	.88	.85	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.81	.85	.82	.79	.83	.80	.77	.76
4.0	.87	.81	.76	.85	.80	.76	.83	.78	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.81	.75	.71	.80	.75	.70	.78	.73	.69	.76	.72	.69	.74	.71	.68	.66
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.73	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.60	.57	.56
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.62	.58	.55	.53
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.59	.55	.52	.51



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

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

## WEC AND CCEC

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm					
NAME: SFW20-24V-3535-24-CC-1800K-80-25			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	.204	.116	.037	.197	.112	.036	.182	.105	.033	.169	.097	.031	.157	.091	.029	
2.0	.192	.105	.032	.185	.102	.031	.173	.096	.030	.161	.090	.028	.151	.085	.027	
3.0	.178	.095	.028	.173	.093	.028	.162	.088	.027	.152	.083	.026	.143	.079	.024	
4.0	.166	.086	.025	.161	.084	.025	.152	.081	.024	.143	.077	.023	.135	.073	.022	
5.0	.156	.079	.023	.151	.078	.023	.143	.074	.022	.135	.071	.021	.128	.068	.021	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.128	.067	.020	.122	.064	.019	
7.0	.137	.068	.019	.134	.067	.019	.127	.064	.019	.121	.062	.018	.116	.060	.018	
8.0	.130	.063	.018	.127	.062	.018	.121	.060	.017	.115	.058	.017	.110	.057	.016	
9.0	.123	.059	.017	.120	.059	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	
10.0	.117	.056	.016	.114	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.196	.180	.166	.168	.155	.143	.115	.106	.099	.066	.062	.057	.021	.020	.019	
2.0	.182	.156	.134	.156	.134	.115	.107	.093	.081	.062	.054	.047	.020	.017	.015	
3.0	.170	.137	.111	.146	.118	.096	.100	.082	.067	.058	.048	.040	.019	.016	.013	
4.0	.160	.123	.094	.137	.106	.082	.094	.074	.058	.055	.043	.034	.018	.014	.011	
5.0	.151	.111	.082	.130	.096	.071	.089	.067	.050	.052	.040	.030	.017	.013	.010	
6.0	.143	.102	.073	.123	.088	.063	.085	.062	.045	.049	.036	.027	.016	.012	.009	
7.0	.136	.095	.065	.117	.082	.057	.081	.057	.040	.047	.034	.024	.015	.011	.008	
8.0	.130	.088	.060	.112	.077	.052	.077	.054	.037	.045	.032	.022	.015	.010	.007	
9.0	.124	.083	.055	.107	.072	.048	.074	.051	.034	.043	.030	.020	.014	.010	.007	
10.0	.119	.078	.051	.103	.068	.045	.071	.048	.032	.042	.028	.019	.013	.009	.006	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LYH  
 Test Date:2024-07-20

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

## Uncorrected UGR Table

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm											
NAME: SFW20-24V-3535-24-CC-1800K-80-25					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	18.7	19.7	19.0	19.9	20.1	19.1	20.0	19.3	20.2	20.5	
	3H	19.7	20.6	20.0	20.9	21.1	20.2	21.1	20.5	21.4	21.6
	4H	20.1	20.9	20.4	21.2	21.5	20.7	21.6	21.1	21.9	22.1
	6H	20.3	21.1	20.7	21.4	21.8	21.2	22.0	21.5	22.3	22.6
	8H	20.4	21.2	20.8	21.5	21.8	21.3	22.1	21.7	22.4	22.8
	12H	20.4	21.2	20.8	21.5	21.9	21.5	22.2	21.9	22.6	22.9
4H	2H	19.3	20.2	19.6	20.4	20.7	19.6	20.4	19.9	20.7	21.0
	3H	20.5	21.3	20.9	21.6	21.9	20.9	21.7	21.3	22.0	22.3
	4H	21.0	21.7	21.4	22.0	22.4	21.6	22.2	22.0	22.6	23.0
	6H	21.3	21.9	21.8	22.3	22.7	22.1	22.7	22.6	23.1	23.5
	8H	21.4	22.0	21.9	22.4	22.8	22.4	22.9	22.8	23.3	23.8
	12H	21.5	22.0	22.0	22.4	22.9	22.6	23.1	23.0	23.5	24.0
8H	4H	21.2	21.8	21.7	22.2	22.6	21.7	22.3	22.2	22.7	23.1
	6H	21.7	22.2	22.2	22.6	23.1	22.5	22.9	22.9	23.4	23.9
	8H	21.9	22.3	22.4	22.7	23.3	22.8	23.2	23.3	23.7	24.2
	12H	22.0	22.3	22.5	22.8	23.3	23.1	23.5	23.6	24.0	24.5
12H	4H	21.2	21.7	21.7	22.2	22.6	21.7	22.2	22.2	22.7	23.1
	6H	21.8	22.2	22.2	22.6	23.1	22.5	22.9	23.0	23.4	23.9
	8H	22.0	22.3	22.5	22.8	23.3	22.9	23.2	23.4	23.7	24.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.4					+ 0.1 / - 0.3					
2.0H	+ 0.3 / - 0.8					+ 0.2 / - 0.5					

CIE Pub.117 Corrected 971.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.1)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-20

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

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

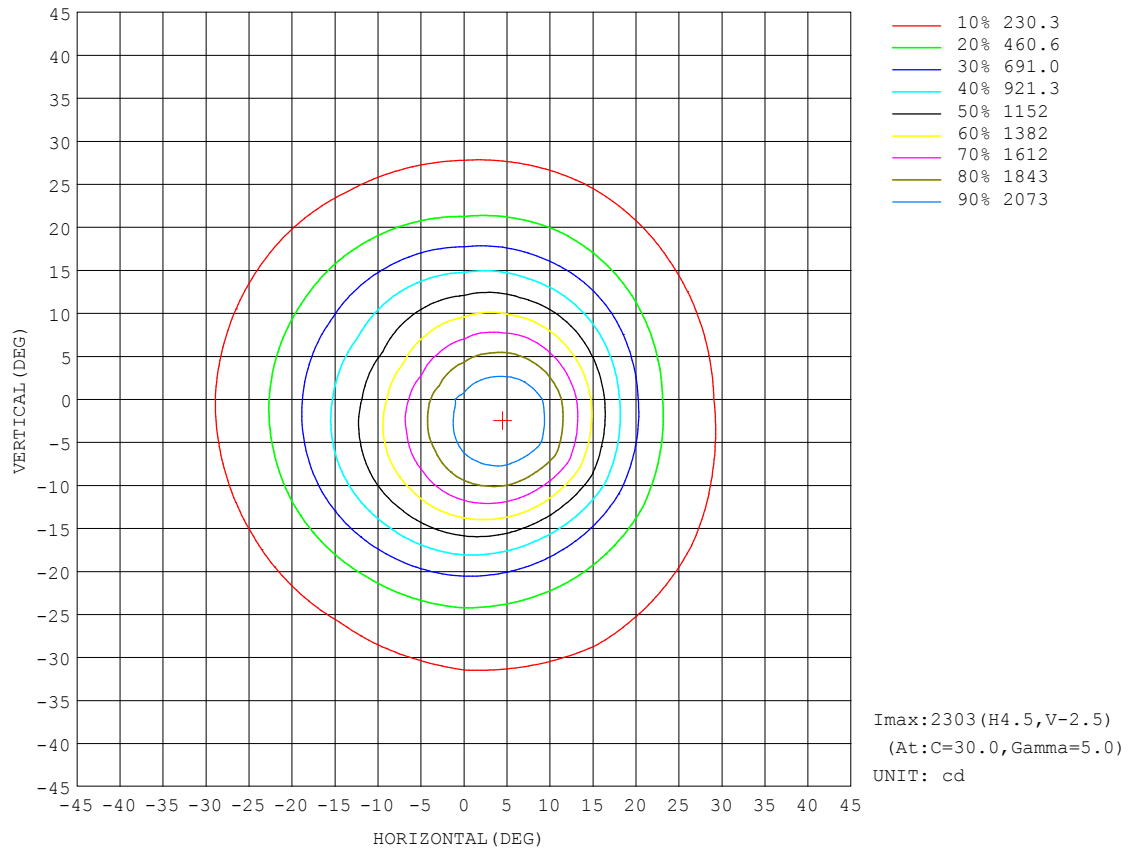
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	77	69	65	77	69	64	76	69	64	60
0.80	85	78	73	85	77	73	83	76	72	67
1.00	91	84	79	90	83	78	88	83	78	73
1.25	96	89	84	95	88	84	92	87	83	77
1.50	99	93	88	98	92	88	95	90	86	81
2.00	103	98	93	102	96	92	98	94	91	84
2.50	106	101	97	104	99	96	100	96	93	86
3.00	108	103	100	106	102	98	102	98	96	88
4.00	111	107	104	108	105	102	104	101	99	90
5.00	112	109	106	110	107	105	105	103	101	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-20

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

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

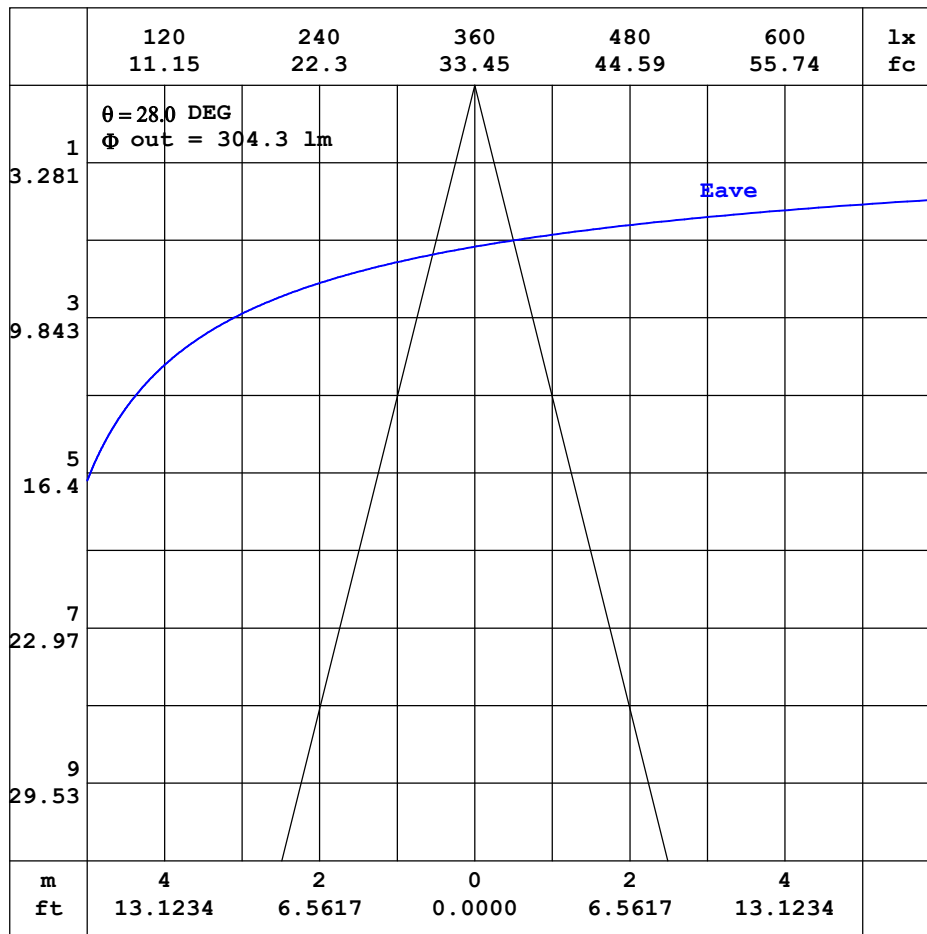


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

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

## AAI CURVES

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

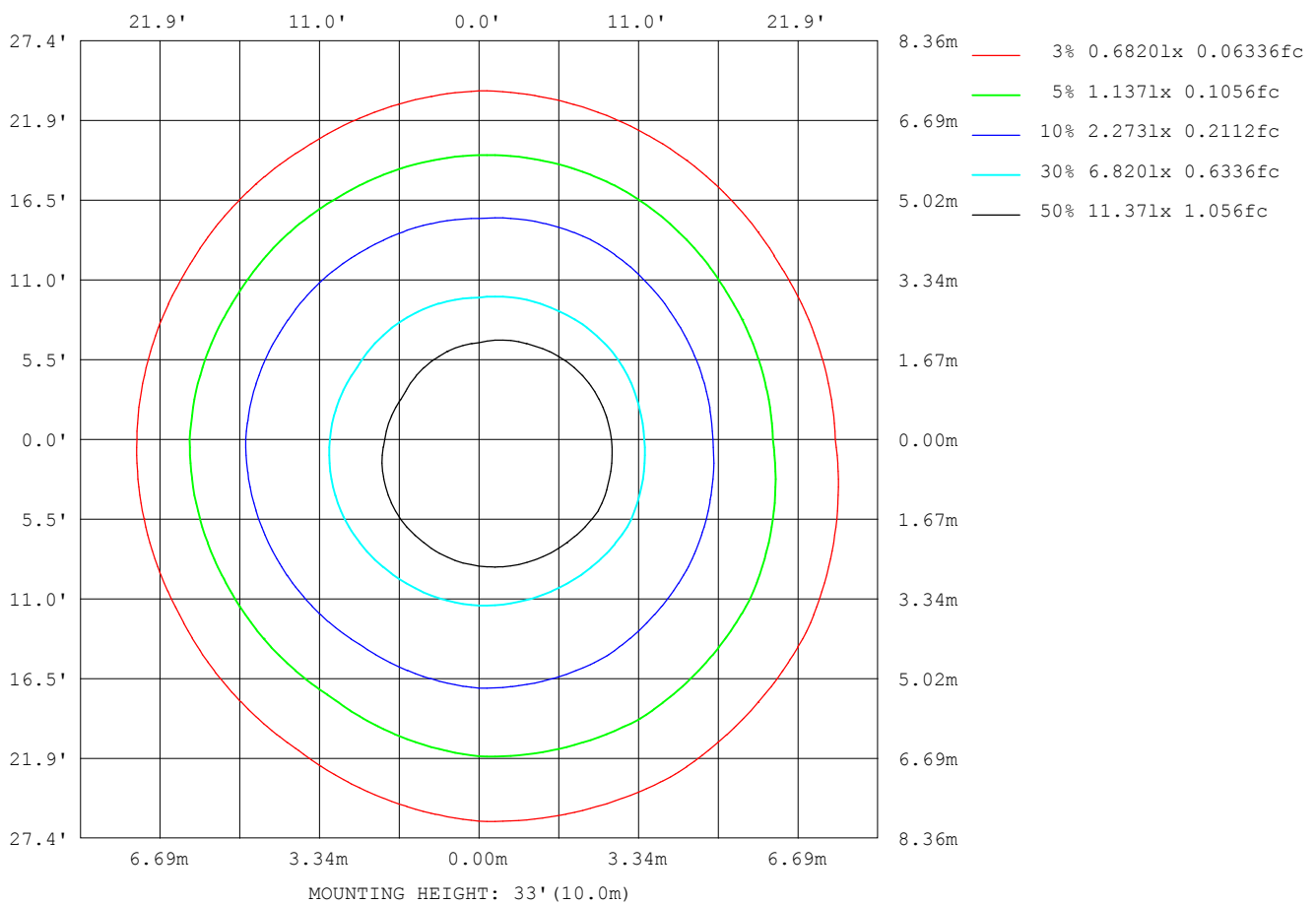
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

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



## ISOLUX DIAGRAM

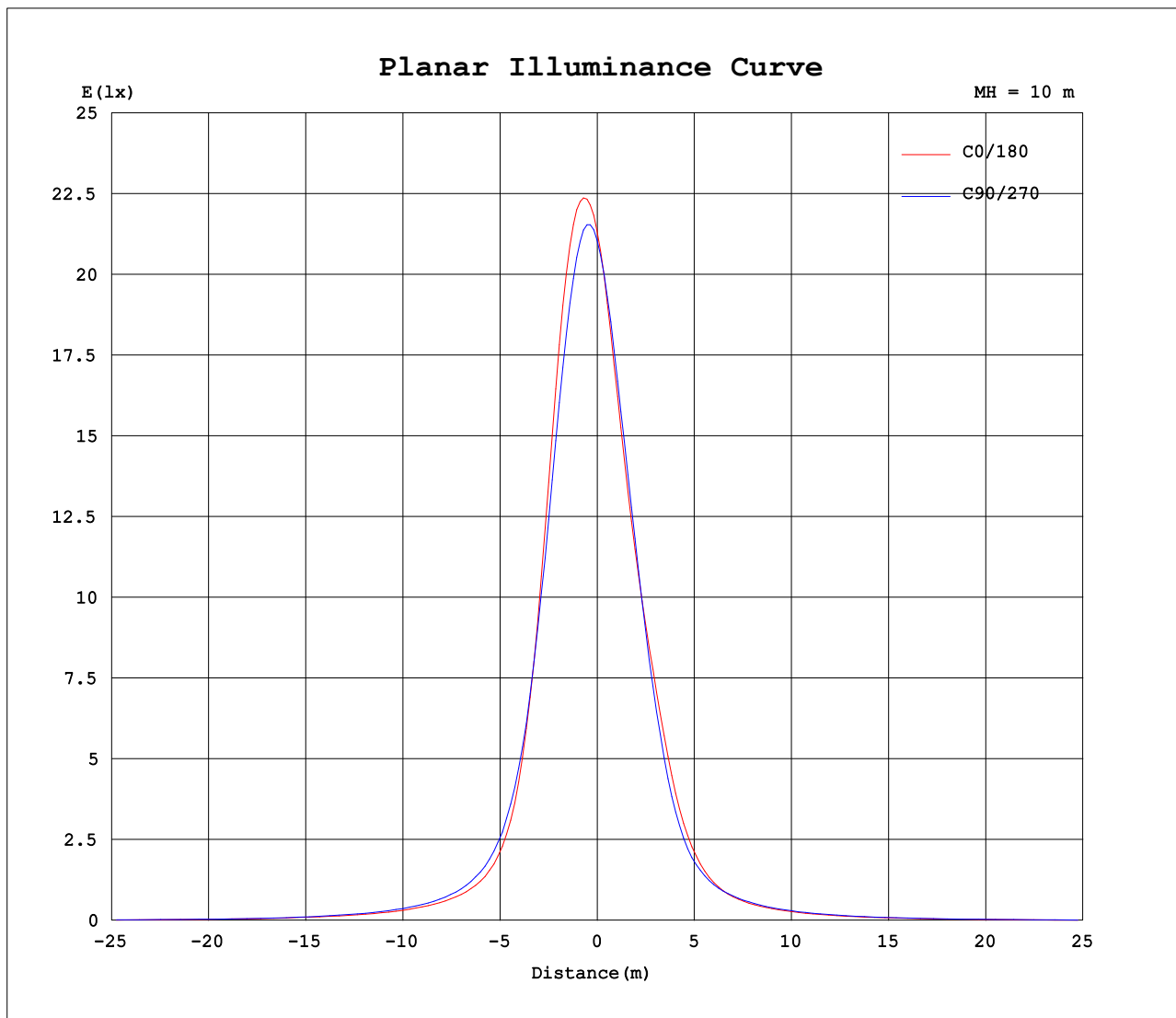
Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

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

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

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

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7747A P:18.59W PF:1.000 Lamp Flux:971.153x1 lm		
NAME: SFW20-24V-3535-24-CC-1800K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	2135	2118	2119	2106	2108	2113	2135	2118	2119	2106	2108	2113							
5	2252	2306	2253	2127	1961	1833	1740	1673	1710	1785	1928	2083							
10	1994	2104	1985	1793	1582	1429	1295	1222	1269	1340	1506	1745							
15	1347	1481	1370	1245	1126	1035	939	870	884	897	1005	1177							
20	716	802	764	735	692	662	613	557	541	529	599	670							
25	360	410	428	425	376	364	353	318	299	298	333	340							
30	209	252	273	260	219	207	205	187	183	190	199	199							
35	147	175	188	178	150	138	133	128	129	138	138	137							
40	112	132	140	133	115	104	98.5	97.3	101	107	106	105							
45	90.3	107	112	106	93.8	83.6	77.5	78.6	81.7	85.2	85.9	85.4							
50	74.3	91.4	92.6	85.5	78.3	69.7	62.4	64.2	67.0	69.4	71.3	72.3							
55	61.4	77.6	76.6	69.4	66.7	59.2	51.0	53.7	55.8	56.6	60.0	62.0							
60	49.5	62.7	61.8	55.8	56.0	50.3	41.6	44.5	46.3	46.0	49.9	51.9							
65	38.9	47.8	47.9	44.2	44.6	40.3	32.5	35.1	36.9	36.6	39.8	40.9							
70	28.0	33.8	35.3	34.0	33.3	30.0	23.8	25.7	27.7	27.9	29.7	28.8							
75	18.8	22.2	25.0	24.9	23.8	21.2	16.3	17.3	19.2	19.9	20.4	17.8							
80	11.3	12.9	16.2	16.7	15.6	13.0	8.89	9.55	11.8	12.5	12.3	9.29							
85	5.06	5.45	7.99	9.56	7.80	5.30	2.28	2.43	4.91	6.15	5.05	2.38							
90	3.86	3.82	3.98	4.08	3.96	3.75	1.19	1.27	1.43	1.49	1.30	1.14							
95	3.77	3.72	3.90	3.92	3.89	3.65	1.43	1.47	1.68	1.65	1.54	1.30							
100	3.68	3.65	3.84	3.91	3.81	3.59	1.70	1.75	1.97	1.93	1.81	1.56							
105	3.62	3.65	3.80	3.89	3.77	3.59	2.02	2.08	2.28	2.20	2.13	1.87							
110	3.60	3.69	3.79	3.89	3.76	3.63	2.40	2.48	2.68	2.57	2.49	2.25							
115	3.65	3.79	3.85	3.98	3.81	3.76	2.91	3.02	3.21	3.09	2.97	2.70							
120	3.89	4.00	4.05	4.21	4.08	4.03	3.61	3.72	3.88	3.75	3.57	3.29							
125	4.26	4.35	4.42	4.60	4.52	4.51	4.41	4.51	4.62	4.48	4.27	4.00							
130	4.83	4.89	4.96	5.18	5.15	5.18	5.23	5.31	5.38	5.23	5.06	4.77							
135	5.60	5.61	5.68	5.89	5.92	6.01	5.98	6.02	6.08	5.92	5.81	5.55							
140	6.51	6.45	6.48	6.66	6.74	6.88	6.58	6.61	6.68	6.51	6.44	6.25							
145	7.46	7.37	7.31	7.46	7.59	7.77	7.10	7.12	7.16	6.97	6.95	6.79							
150	8.31	8.20	8.06	8.17	8.28	8.54	7.51	7.50	7.53	7.32	7.30	7.17							
155	8.97	8.84	8.62	8.69	8.79	9.10	7.81	7.79	7.78	7.55	7.53	7.43							
160	9.35	9.22	8.94	9.00	9.08	9.35	8.02	7.99	7.96	7.66	7.62	7.56							
165	9.49	9.25	9.04	9.03	9.13	9.26	8.10	8.10	8.07	7.77	7.67	7.61							
170	9.38	9.12	9.04	9.01	9.06	8.95	8.12	8.13	8.23	8.00	7.80	7.66							
175	9.07	8.90	8.95	8.90	8.87	8.56	8.29	8.29	8.51	8.36	8.13	7.85							
180	8.74	8.71	8.85	8.84	8.63	8.33	8.69	8.66	8.79	8.79	8.63	8.28							

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

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

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	2135	2118	2119	2106	2108	2113	2135	2118	2119	2106
3.0	2242	2269	2246	2163	2056	1966	1919	1865	1891	1938
6.0	2237	2301	2232	2087	1898	1757	1649	1579	1619	1698
9.0	2081	2183	2070	1885	1666	1508	1377	1307	1352	1432
12.0	1758	1903	1763	1587	1399	1266	1142	1070	1109	1156
15.0	1347	1481	1370	1245	1126	1035	939.0	870.4	883.7	896.7
18.0	931.6	1053	972.5	931.5	852.6	803.7	742.0	686.8	669.9	669.8
21.0	621.9	691.4	673.3	659.3	615.1	591.6	551.0	500.5	482.2	471.8
24.0	407.9	469.1	476.4	473.3	427.3	411.5	394.4	358.5	335.2	334.5
27.0	282.9	327.0	353.4	343.5	297.4	286.6	282.4	256.5	240.7	244.8
30.0	209.5	252.2	273.0	259.6	219.4	207.5	205.5	187.3	182.9	190.2
33.0	167.0	200.7	215.5	205.5	171.2	158.7	155.7	145.8	146.5	154.3
36.0	138.7	164.3	175.8	166.9	141.5	129.3	124.3	120.0	122.5	130.5
39.0	117.7	138.9	147.4	141.0	121.0	109.0	104.0	102.3	105.4	111.9
42.0	102.4	120.3	127.3	121.4	105.8	94.94	89.11	88.82	92.40	97.10
45.0	90.25	106.9	112.1	105.6	93.75	83.65	77.45	78.55	81.68	85.16
48.0	80.13	97.02	99.88	93.26	83.95	74.91	68.10	69.50	72.46	75.30
51.0	71.71	88.74	89.21	82.01	75.64	67.28	59.86	61.81	64.51	66.39
54.0	63.96	80.48	79.58	72.26	68.80	61.16	53.11	55.62	57.93	58.98
57.0	56.74	71.90	70.53	63.65	62.40	55.74	47.09	50.01	51.93	52.16
60.0	49.55	62.70	61.84	55.81	56.02	50.32	41.56	44.51	46.26	45.99
63.0	43.86	53.69	53.36	48.56	48.91	44.36	36.11	38.99	40.61	40.28
66.0	36.74	44.73	45.31	42.16	42.21	38.09	30.74	33.20	34.98	34.82
69.0	30.11	36.38	37.72	35.95	35.35	31.96	25.45	27.54	29.43	29.58
72.0	24.08	28.72	30.94	30.19	29.34	26.18	20.66	22.24	24.14	24.64
75.0	18.82	22.22	25.03	24.86	23.83	21.15	16.26	17.28	19.19	19.87
78.0	14.21	16.20	19.60	19.85	18.77	16.31	11.85	12.66	14.70	15.34
81.0	9.865	11.31	14.51	15.14	14.02	11.32	7.348	8.070	10.39	11.13
84.0	5.700	6.750	9.600	10.90	9.425	6.475	2.969	3.465	6.352	7.328
87.0	4.384	4.352	4.792	6.892	4.661	4.402	1.664	1.756	2.034	3.984
90.0	3.859	3.822	3.976	4.076	3.961	3.749	1.187	1.267	1.427	1.490
93.0	3.808	3.756	3.917	3.946	3.917	3.691	1.326	1.368	1.573	1.565
96.0	3.742	3.691	3.888	3.931	3.866	3.647	1.493	1.543	1.733	1.703
99.0	3.691	3.647	3.851	3.909	3.829	3.589	1.653	1.696	1.908	1.870
102.0	3.654	3.647	3.822	3.916	3.786	3.589	1.828	1.878	2.083	2.038
105.0	3.618	3.647	3.800	3.887	3.771	3.589	2.017	2.082	2.280	2.198
108.0	3.596	3.684	3.793	3.888	3.756	3.596	2.243	2.307	2.505	2.387
111.0	3.596	3.713	3.793	3.902	3.756	3.640	2.476	2.569	2.782	2.656
114.0	3.632	3.771	3.829	3.960	3.778	3.728	2.790	2.904	3.102	2.977
117.0	3.734	3.866	3.902	4.041	3.902	3.852	3.176	3.282	3.474	3.340
120.0	3.887	4.004	4.047	4.208	4.076	4.034	3.605	3.719	3.882	3.748
123.0	4.105	4.179	4.243	4.427	4.338	4.303	4.079	4.206	4.319	4.185
126.0	4.360	4.442	4.513	4.711	4.636	4.624	4.581	4.680	4.777	4.629
129.0	4.701	4.762	4.840	5.039	5.014	5.046	5.076	5.153	5.236	5.073
132.0	5.116	5.148	5.233	5.439	5.436	5.490	5.541	5.611	5.680	5.517
135.0	5.604	5.607	5.677	5.891	5.917	6.007	5.978	6.019	6.080	5.925
138.0	6.135	6.117	6.157	6.349	6.405	6.532	6.349	6.384	6.444	6.296
141.0	6.702	6.634	6.680	6.823	6.914	7.056	6.692	6.725	6.779	6.624
144.0	7.278	7.194	7.161	7.303	7.409	7.601	7.004	7.002	7.062	6.893
147.0	7.824	7.725	7.635	7.762	7.875	8.089	7.266	7.265	7.310	7.141
150.0	8.312	8.198	8.057	8.169	8.283	8.540	7.506	7.498	7.528	7.316
153.0	8.727	8.613	8.414	8.511	8.611	8.912	7.696	7.673	7.688	7.447
156.0	9.055	8.933	8.699	8.773	8.880	9.188	7.863	7.833	7.826	7.585
159.0	9.288	9.173	8.888	8.962	9.041	9.355	7.986	7.957	7.928	7.636
162.0	9.427	9.245	9.005	9.034	9.129	9.340	8.073	8.073	8.015	7.716
165.0	9.485	9.245	9.042	9.034	9.129	9.260	8.095	8.095	8.074	7.775
168.0	9.457	9.194	9.042	9.020	9.129	9.099	8.103	8.110	8.154	7.891
171.0	9.326	9.092	9.027	9.005	9.035	8.873	8.132	8.139	8.271	8.073
174.0	9.123	8.939	8.969	8.910	8.911	8.648	8.234	8.233	8.453	8.284
177.0	8.933	8.808	8.918	8.881	8.787	8.437	8.453	8.415	8.664	8.546
180.0	8.743	8.714	8.852	8.838	8.627	8.328	8.692	8.656	8.794	8.787
G/C	300.0	330.0								
0.0	2108	2113								
3.0	2037	2133								
6.0	1857	2043								
9.0	1602	1836								
12.0	1304	1522								
15.0	1005	1177								
18.0	744.9	852.8								
21.0	533.7	585.6								
24.0	373.0	390.3								
27.0	266.4	269.8								
30.0	199.2	198.5								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LYH  
 Test Date: 2024-07-20

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

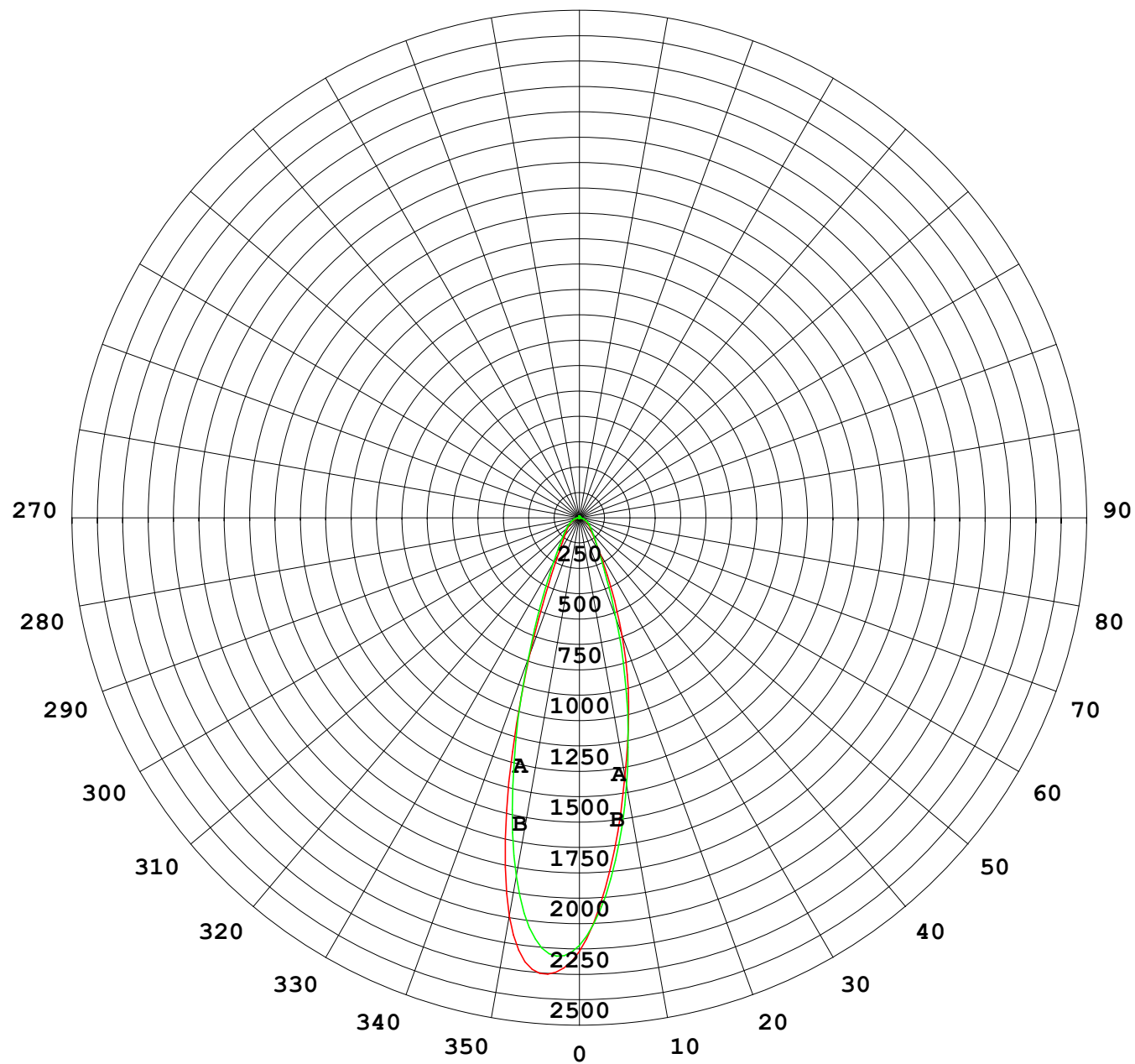
## Photometric Data Table [cd]

33.0	157.2	156.8
36.0	129.9	129.8
39.0	111.1	110.4
42.0	96.97	96.61
45.0	85.86	85.45
48.0	76.73	77.07
51.0	68.94	70.20
54.0	62.19	63.97
57.0	55.93	57.81
60.0	49.92	51.86
63.0	43.83	45.41
66.0	37.80	38.29
69.0	31.68	31.02
72.0	25.83	23.92
75.0	20.42	17.80
78.0	15.45	12.38
81.0	10.83	7.888
84.0	6.498	3.465
87.0	2.163	1.488
90.0	1.304	1.136
93.0	1.435	1.194
96.0	1.595	1.346
99.0	1.755	1.506
102.0	1.930	1.681
105.0	2.126	1.870
108.0	2.345	2.089
111.0	2.578	2.314
114.0	2.877	2.598
117.0	3.205	2.932
120.0	3.569	3.289
123.0	3.976	3.697
126.0	4.428	4.134
129.0	4.908	4.614
132.0	5.374	5.080
135.0	5.811	5.553
138.0	6.197	5.983
141.0	6.553	6.369
144.0	6.859	6.689
147.0	7.113	6.959
150.0	7.302	7.170
153.0	7.455	7.338
156.0	7.542	7.476
159.0	7.608	7.556
162.0	7.644	7.607
165.0	7.673	7.615
168.0	7.732	7.636
171.0	7.841	7.673
174.0	8.038	7.789
177.0	8.322	8.000
180.0	8.634	8.284

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

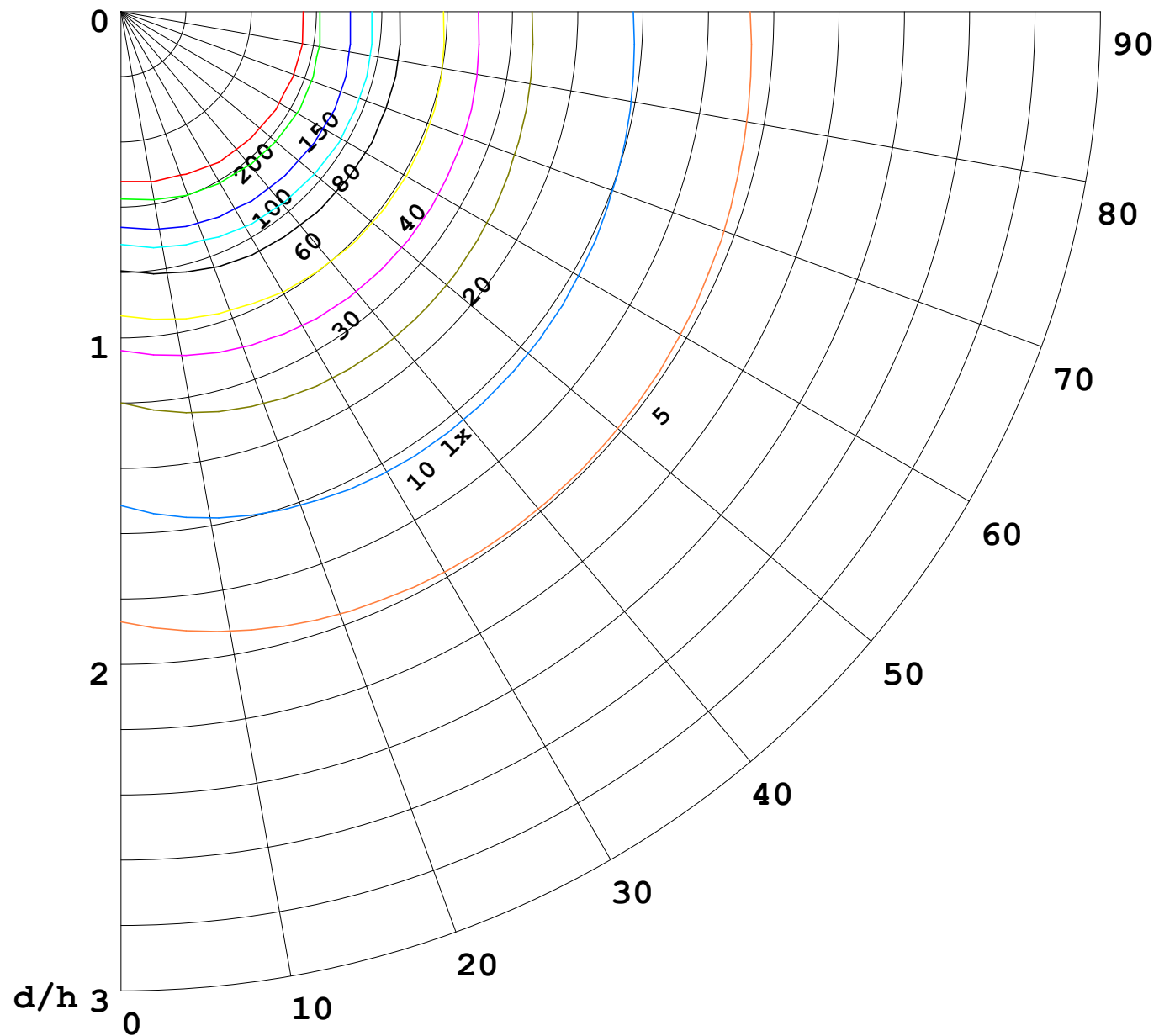
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

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

