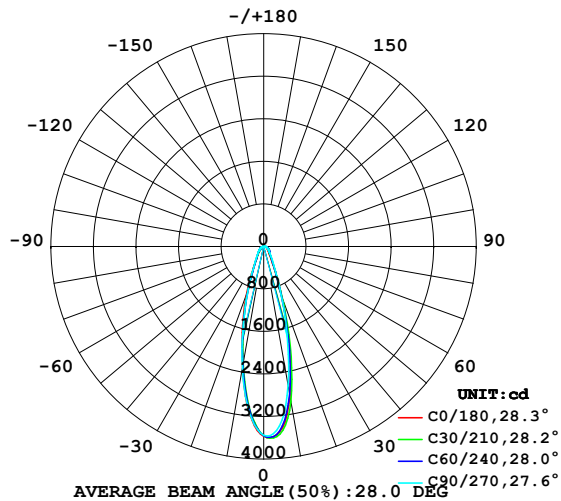


## LUMINAIRE PHOTOMETRIC TEST REPORT

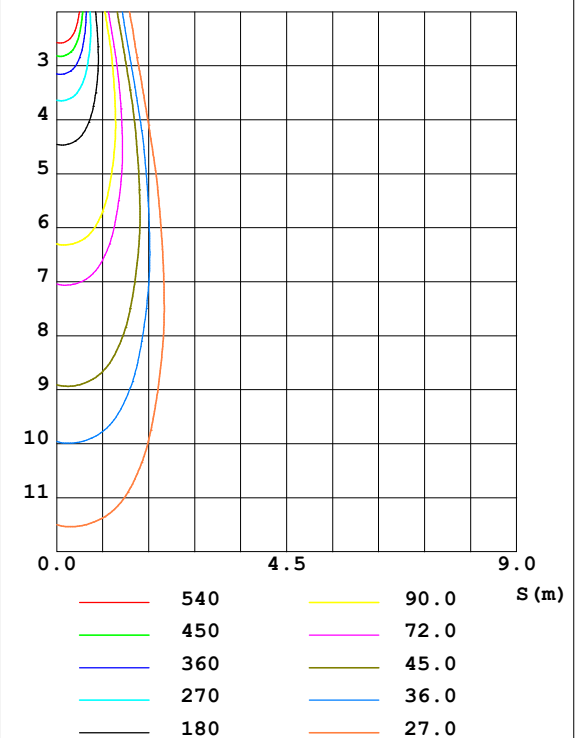
Test:U:24.00V I:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.21 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	3608	S/MH (C0/180)	0.50
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.49
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1484.9	η UP, DN (C0-180)	1.7, 50.7
NOMINAL FLUX (lm)	1484.88	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 46.3
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)



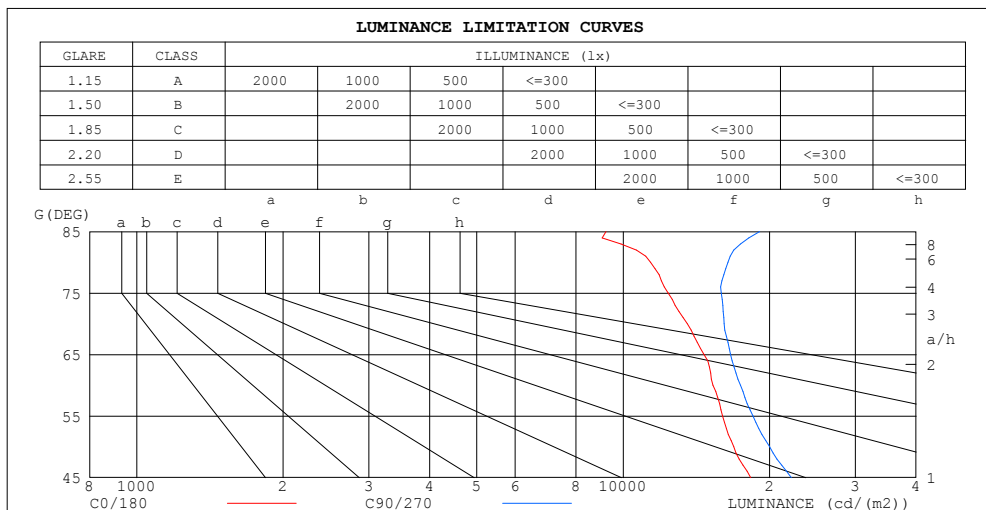
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

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	2852	2890	2661	2453	2290	2254	2320	2625	0- 10	289.8	289.8	19.5,19.5
20	979.0	1005	966.6	951.4	937.2	868.1	850.5	935.4	10- 20	453.2	743.0	50,50
30	296.7	327.5	355.1	303.4	288.3	284.9	313.1	304.1	20- 30	242.8	985.8	66.4,66.4
40	158.7	178.7	195.0	168.8	155.4	162.1	177.5	168.2	30- 40	140.1	1126	75.8,75.8
50	108.5	126.8	128.5	118.1	104.0	112.6	118.3	117.6	40- 50	108.6	1235	83.1,83.1
60	76.51	93.75	87.10	87.68	71.47	80.43	79.62	85.64	50- 60	89.74	1324	89.2,89.2
70	46.37	55.36	55.14	53.27	41.95	47.74	49.02	50.66	60- 70	66.69	1391	93.7,93.7
80	19.78	24.73	28.50	24.90	16.30	19.54	23.08	20.08	70- 80	37.72	1429	96.2,96.2
90	5.803	5.876	6.252	5.952	1.763	2.002	2.304	1.919	80- 90	11.73	1440	97,97
100	5.518	5.682	6.050	5.715	2.512	2.730	2.897	2.606	90-100	4.434	1445	97.3,97.3
110	5.431	5.686	6.064	5.682	3.503	3.757	3.828	3.611	100-110	4.675	1450	97.6,97.6
120	5.866	6.148	6.545	6.224	5.207	5.467	5.531	5.209	110-120	5.113	1455	98,98
130	7.379	7.629	8.061	7.888	7.632	7.750	7.722	7.448	120-130	5.963	1461	98.4,98.4
140	9.999	10.05	10.33	10.39	9.808	9.835	9.732	9.620	130-140	6.818	1467	98.8,98.8
150	12.69	12.51	12.51	12.79	11.16	11.19	10.97	10.95	140-150	6.868	1474	99.3,99.3
160	14.17	13.77	13.61	14.00	11.92	11.94	11.52	11.46	150-160	5.732	1480	99.7,99.7
170	13.94	13.53	13.50	13.69	12.09	12.29	12.08	11.66	160-170	3.642	1484	99.9,99.9
180	12.89	13.05	13.24	12.85	12.86	13.03	13.22	12.81	170-180	1.224	1485	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9216	19084
80	11388	16413
75	12363	15915
70	13557	16121
65	14660	16622
60	15302	17420
55	16013	18497
50	16875	19986
45	18302	22181

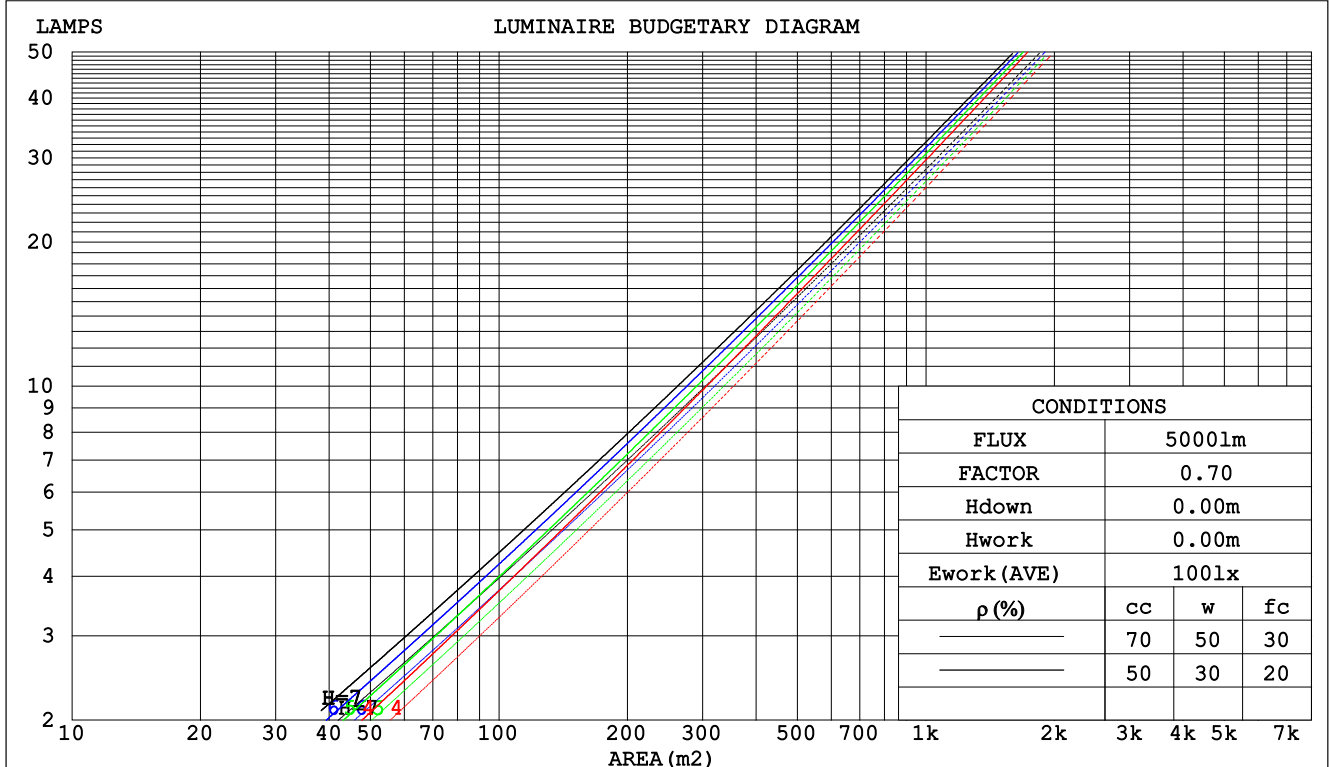
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:LYH  
Test Date:2024-07-20

$\gamma$  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:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-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	1.03	1.01	1.01	.99	.97	.97	.95	.94	.93	.92	.91	.89
2.0	.00	.95	.92	.98	.94	.90	.94	.91	.88	.91	.88	.85	.87	.85	.83	.81
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.82	.80	.77	.75
4.0	.87	.81	.76	.85	.80	.75	.83	.78	.74	.80	.76	.73	.78	.75	.72	.70
5.0	.81	.75	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.70	.67	.66
6.0	.77	.70	.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	.61	.58	.56
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.55	.62	.58	.55	.54
10.0	.63	.57	.54	.63	.57	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.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:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm					
NAME: SFW20-24V-3535-24-CC-5000K-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	.207	.118	.037	.200	.114	.036	.185	.106	.034	.172	.099	.032	.160	.093	.030	
2.0	.194	.106	.033	.187	.103	.032	.175	.097	.030	.163	.092	.029	.153	.086	.027	
3.0	.180	.096	.029	.174	.093	.028	.164	.089	.027	.154	.084	.026	.144	.080	.025	
4.0	.167	.087	.026	.162	.085	.025	.153	.081	.024	.144	.078	.023	.136	.074	.023	
5.0	.156	.080	.023	.152	.078	.023	.144	.075	.022	.136	.072	.021	.129	.069	.021	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.128	.067	.020	.122	.064	.019	
7.0	.138	.068	.019	.134	.067	.019	.128	.065	.019	.122	.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	.058	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	
10.0	.116	.056	.015	.114	.055	.015	.109	.054	.015	.105	.052	.015	.100	.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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023		
1.0	.196	.180	.165	.168	.155	.142	.115	.106	.098	.066	.062	.057	.021	.020	.019		
2.0	.182	.156	.133	.156	.134	.115	.107	.093	.080	.062	.054	.047	.020	.017	.015		
3.0	.170	.137	.110	.146	.118	.096	.100	.082	.067	.058	.048	.040	.019	.016	.013		
4.0	.160	.123	.094	.137	.106	.082	.094	.074	.057	.055	.043	.034	.018	.014	.011		
5.0	.151	.111	.082	.130	.096	.071	.089	.067	.050	.052	.039	.030	.017	.013	.010		
6.0	.143	.102	.072	.123	.088	.063	.085	.062	.045	.049	.036	.027	.016	.012	.009		
7.0	.136	.094	.065	.117	.082	.057	.081	.057	.040	.047	.034	.024	.015	.011	.008		
8.0	.130	.088	.059	.111	.076	.052	.077	.054	.037	.045	.032	.022	.015	.010	.007		
9.0	.124	.083	.055	.107	.072	.048	.074	.050	.034	.043	.030	.020	.014	.010	.007		
10.0	.119	.078	.051	.102	.068	.045	.071	.048	.032	.041	.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:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm											
NAME: SFW20-24V-3535-24-CC-5000K-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	19.8	20.8	20.1	21.0	21.2	20.2	21.2	20.5	21.4	21.6	
	3H	21.1	22.0	21.4	22.2	22.5	21.6	22.5	21.9	22.8	23.0
	4H	21.5	22.4	21.9	22.7	22.9	22.2	23.1	22.5	23.3	23.6
	6H	21.9	22.7	22.2	23.0	23.3	22.7	23.6	23.1	23.9	24.2
	8H	22.0	22.8	22.4	23.1	23.4	23.0	23.8	23.3	24.1	24.4
	12H	22.0	22.8	22.4	23.1	23.4	23.2	23.9	23.6	24.3	24.6
4H	2H	20.5	21.4	20.8	21.6	21.9	20.8	21.7	21.2	22.0	22.2
	3H	22.0	22.7	22.3	23.0	23.4	22.4	23.1	22.8	23.5	23.8
	4H	22.5	23.2	22.9	23.6	23.9	23.1	23.8	23.5	24.2	24.5
	6H	23.0	23.6	23.4	24.0	24.4	23.8	24.4	24.2	24.8	25.2
	8H	23.1	23.7	23.6	24.1	24.5	24.1	24.6	24.5	25.1	25.5
	12H	23.2	23.7	23.7	24.1	24.6	24.3	24.9	24.8	25.3	25.7
8H	4H	22.8	23.4	23.3	23.8	24.2	23.3	23.9	23.8	24.3	24.8
	6H	23.4	23.9	23.9	24.3	24.8	24.2	24.6	24.7	25.1	25.6
	8H	23.6	24.1	24.1	24.5	25.0	24.6	25.0	25.1	25.5	26.0
	12H	23.8	24.1	24.3	24.6	25.1	24.9	25.3	25.5	25.8	26.3
12H	4H	22.8	23.4	23.3	23.8	24.2	23.3	23.9	23.8	24.3	24.7
	6H	23.5	23.9	24.0	24.4	24.9	24.2	24.6	24.7	25.1	25.6
	8H	23.8	24.1	24.3	24.6	25.1	24.7	25.0	25.2	25.5	26.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.3					+ 0.1 / - 0.1					
2.0H	+ 0.3 / - 0.6					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1485 lm Total Lamp Luminous Flux. (8log(F/F0) = 1.4)

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:

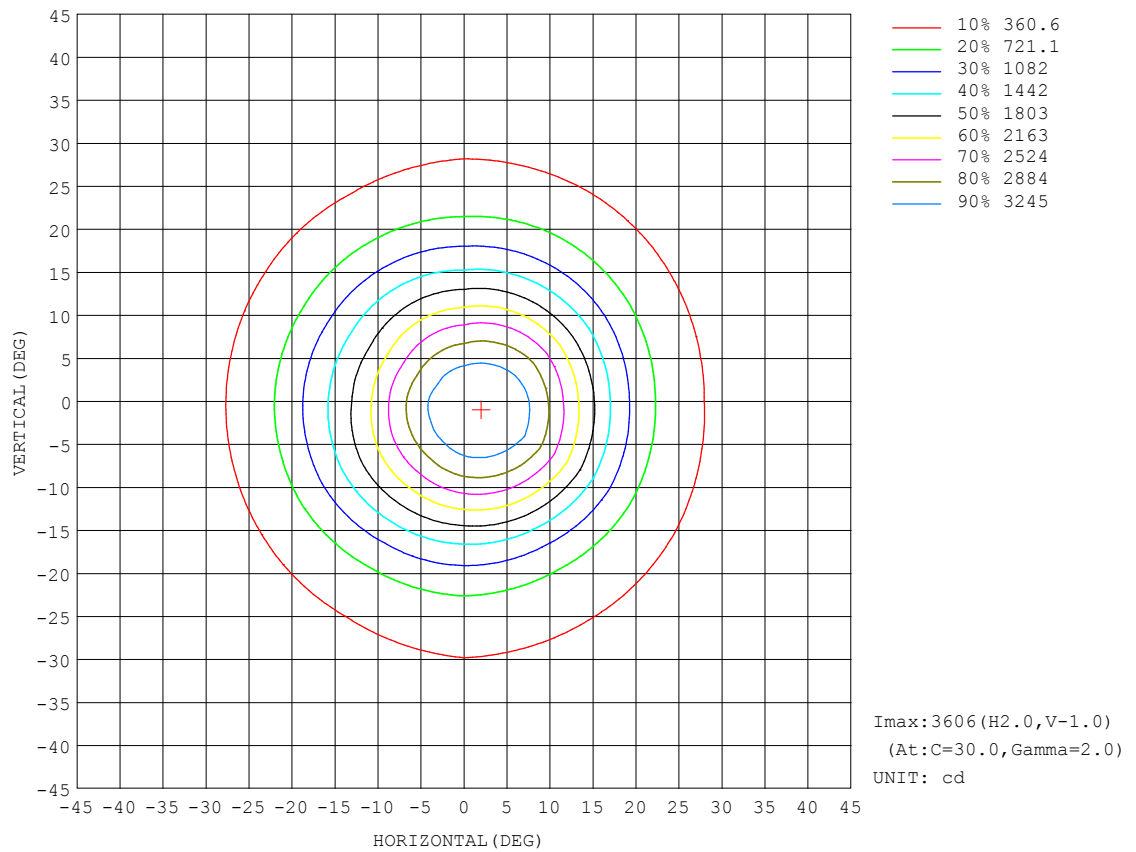
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

```

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

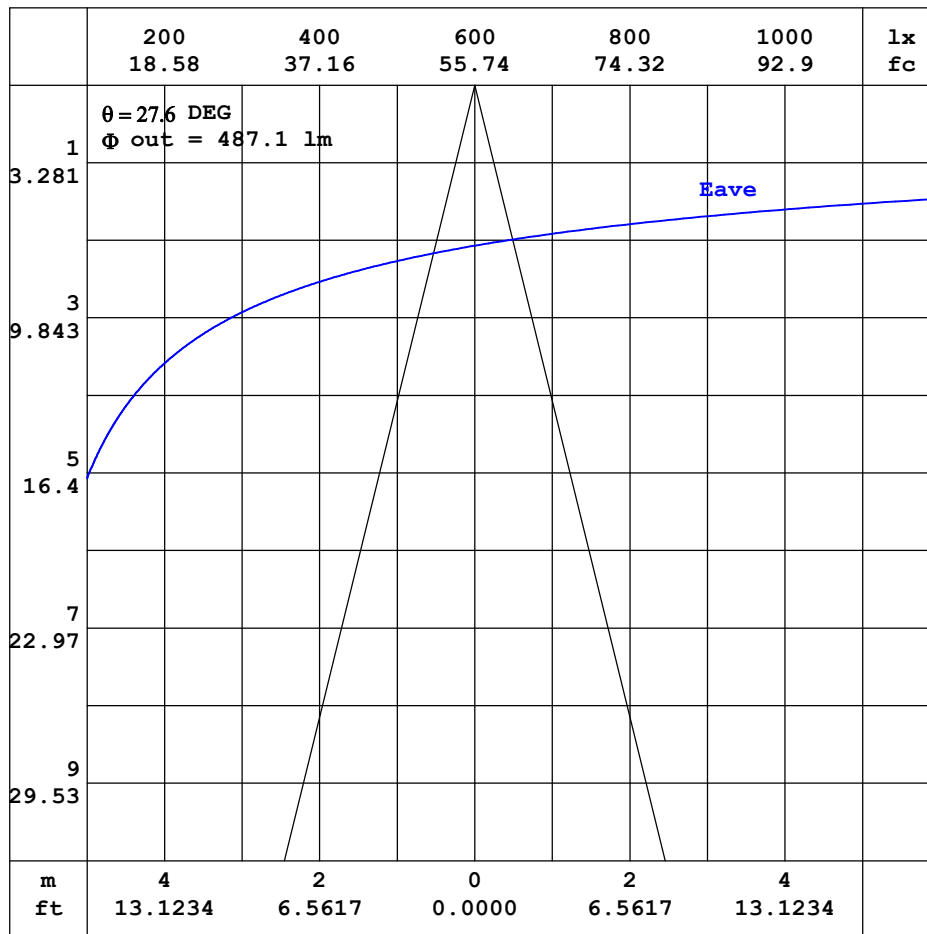


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

$\gamma$  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:

## AAI CURVES

Test:U:24.00V I:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-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.

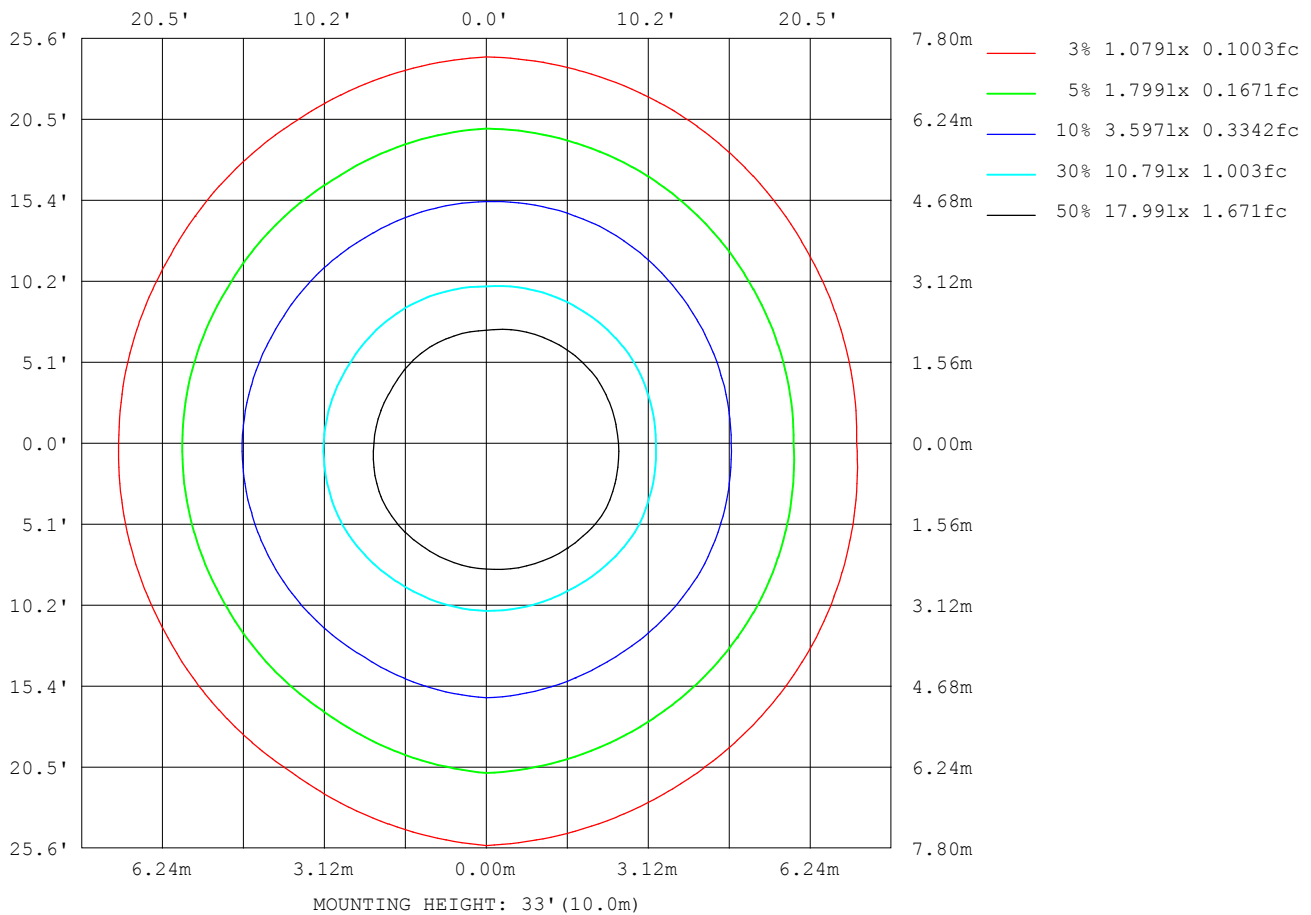
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: LYH  
Test Date: 2024-07-20

$\gamma$  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

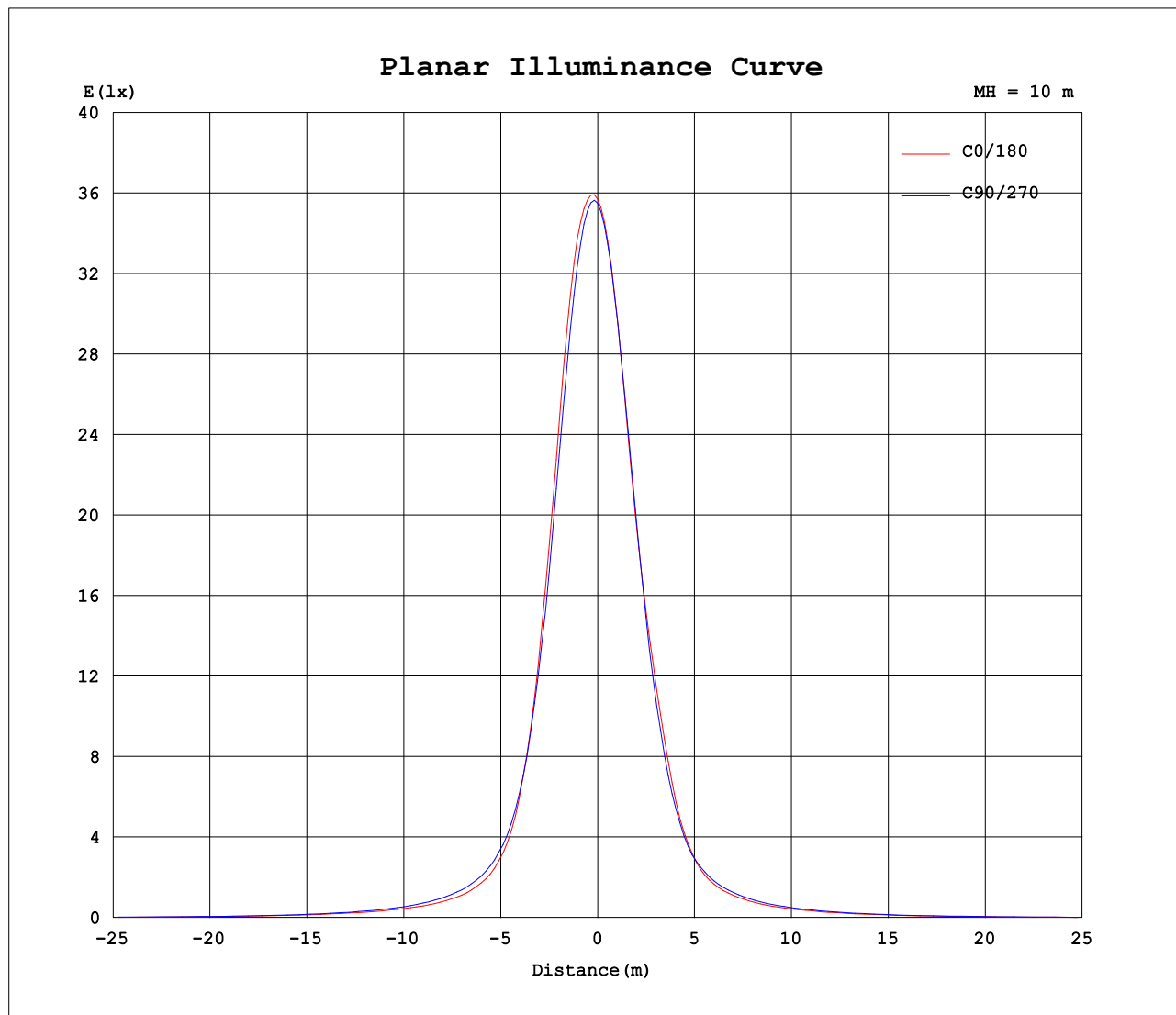
Test:U:24.00V I:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-80-25	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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:0.8013A P:19.23W PF:1.000 Lamp Flux:1484.88x1 lm		
NAME: SFW20-24V-3535-24-CC-5000K-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	3572	3559	3559	3552	3550	3551	3572	3559	3559	3552	3550	3551							
5	3500	3542	3483	3390	3272	3187	3138	3068	3086	3129	3255	3381							
10	2852	2961	2819	2661	2505	2402	2290	2234	2274	2320	2517	2732							
15	1837	1940	1819	1703	1659	1624	1543	1484	1487	1475	1604	1738							
20	979	1036	975	967	943	960	937	877	859	851	915	956							
25	501	531	527	554	508	503	497	463	462	478	498	494							
30	297	320	335	355	313	294	288	281	288	313	308	300							
35	206	224	239	254	224	209	202	201	210	229	221	211							
40	159	173	184	195	175	163	155	158	167	178	172	164							
45	129	143	152	157	144	134	126	130	138	144	142	135							
50	108	125	129	128	122	114	104	110	115	118	120	115							
55	91.8	111	111	106	106	98.6	86.6	94.1	97.5	97.3	103	99.9							
60	76.5	94.0	93.5	87.1	90.3	85.0	71.5	79.2	81.7	79.6	86.5	84.8							
65	62.0	74.6	74.5	70.2	72.9	68.5	56.5	63.0	65.7	63.8	69.5	68.2							
70	46.4	54.4	56.4	55.1	55.3	51.2	42.0	46.0	49.5	49.0	52.3	49.0							
75	32.0	36.8	40.8	41.2	40.0	36.5	29.1	31.0	34.8	35.5	36.6	31.4							
80	19.8	22.4	27.0	28.5	26.7	23.1	16.3	17.5	21.6	23.1	22.6	17.5							
85	8.03	9.04	13.7	16.6	13.6	8.44	3.65	3.88	9.26	11.9	9.94	4.63							
90	5.80	5.75	6.00	6.25	6.11	5.79	1.76	1.88	2.13	2.30	2.05	1.79							
95	5.65	5.63	5.92	6.09	6.01	5.66	2.13	2.21	2.48	2.56	2.40	2.06							
100	5.52	5.53	5.83	6.05	5.90	5.53	2.51	2.58	2.88	2.90	2.77	2.44							
105	5.45	5.53	5.80	6.05	5.84	5.52	2.96	3.04	3.34	3.27	3.23	2.89							
110	5.43	5.58	5.79	6.06	5.82	5.55	3.50	3.62	3.90	3.83	3.78	3.44							
115	5.52	5.72	5.91	6.18	5.93	5.72	4.22	4.37	4.64	4.60	4.49	4.14							
120	5.87	6.04	6.25	6.55	6.32	6.12	5.21	5.36	5.57	5.53	5.38	5.04							
125	6.46	6.61	6.87	7.16	7.01	6.81	6.39	6.50	6.65	6.58	6.43	6.11							
130	7.38	7.50	7.76	8.06	7.97	7.81	7.63	7.71	7.79	7.72	7.58	7.31							
135	8.61	8.67	8.89	9.18	9.14	9.04	8.82	8.86	8.89	8.80	8.71	8.50							
140	10.00	9.98	10.1	10.3	10.4	10.4	9.81	9.82	9.85	9.73	9.70	9.54							
145	11.4	11.4	11.4	11.5	11.6	11.7	10.6	10.6	10.6	10.4	10.4	10.3							
150	12.7	12.6	12.4	12.5	12.7	12.9	11.2	11.2	11.2	11.0	11.0	10.9							
155	13.6	13.5	13.2	13.2	13.4	13.8	11.6	11.6	11.6	11.3	11.3	11.3							
160	14.2	14.0	13.5	13.6	13.8	14.2	11.9	11.9	11.9	11.5	11.5	11.5							
165	14.2	13.9	13.6	13.6	13.9	14.1	12.0	12.1	12.1	11.7	11.5	11.5							
170	13.9	13.6	13.5	13.5	13.7	13.7	12.1	12.2	12.4	12.1	11.8	11.6							
175	13.4	13.1	13.3	13.4	13.4	13.1	12.3	12.4	12.7	12.6	12.3	11.8							
180	12.9	12.9	13.2	13.2	13.0	12.7	12.9	12.9	13.2	13.2	13.0	12.6							

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	3572	3559	3559	3552	3550	3551	3572	3559	3559	3552
3.0	3580	3605	3579	3526	3454	3399	3375	3318	3339	3360
6.0	3427	3477	3395	3287	3147	3057	2994	2920	2941	2991
9.0	3029	3127	2989	2840	2676	2577	2471	2402	2444	2501
12.0	2434	2558	2421	2279	2148	2076	1959	1892	1941	1967
15.0	1837	1940	1819	1703	1659	1624	1543	1484	1487	1475
18.0	1272	1339	1254	1237	1191	1208	1171	1106	1086	1081
21.0	861.7	902.0	860.3	863.5	832.0	840.9	825.8	770.1	756.4	757.5
24.0	568.4	600.6	587.4	618.2	569.0	573.2	562.3	527.0	515.8	537.6
27.0	399.6	427.4	431.5	460.2	409.2	395.8	388.3	371.7	369.1	394.8
30.0	296.7	320.1	334.9	355.1	312.9	294.0	288.3	281.4	288.4	313.1
33.0	236.9	253.7	270.9	288.1	252.9	236.5	229.8	228.8	235.8	256.7
36.0	194.4	211.4	226.0	240.0	211.3	197.8	190.7	191.2	200.0	216.2
39.0	166.4	180.6	193.1	204.9	182.3	170.1	163.0	164.7	173.7	186.0
42.0	145.7	159.6	169.4	178.3	161.0	149.9	142.1	146.0	153.8	162.3
45.0	129.4	143.3	151.7	156.8	144.1	134.3	125.5	130.3	137.7	143.8
48.0	115.9	131.5	137.3	138.6	130.3	121.5	112.3	117.8	123.7	127.9
51.0	104.9	122.0	124.9	123.6	118.8	110.6	100.2	106.6	111.4	113.6
54.0	94.94	113.5	114.2	110.2	109.0	101.4	89.81	96.93	100.8	101.2
57.0	85.93	104.2	103.9	98.01	99.70	93.64	80.44	88.01	91.17	89.97
60.0	76.51	93.99	93.50	87.10	90.32	85.04	71.47	79.19	81.68	79.62
63.0	68.31	83.07	82.32	76.74	80.11	75.55	62.56	69.64	72.15	70.03
66.0	58.67	70.46	70.86	67.22	69.32	64.79	53.52	59.25	62.43	60.82
69.0	49.43	58.33	59.91	57.93	58.74	54.56	44.73	48.94	52.64	51.87
72.0	40.23	47.17	49.83	49.63	48.95	44.77	36.62	39.43	43.35	43.52
75.0	32.00	36.77	40.77	41.19	39.96	36.48	29.14	31.02	34.85	35.54
78.0	24.65	27.71	32.40	33.47	31.94	28.28	21.59	23.08	26.70	27.89
81.0	17.41	19.80	24.39	25.97	24.12	20.36	13.54	14.95	19.17	20.75
84.0	9.467	11.88	16.50	18.95	16.43	11.25	5.057	6.115	12.07	14.04
87.0	6.701	6.637	7.687	11.78	7.386	6.847	2.565	2.630	3.289	7.496
90.0	5.803	5.751	6.001	6.252	6.109	5.795	1.763	1.878	2.127	2.304
93.0	5.708	5.663	5.948	6.086	6.028	5.707	1.981	2.045	2.345	2.409
96.0	5.628	5.612	5.890	6.078	5.984	5.634	2.207	2.278	2.549	2.627
99.0	5.540	5.533	5.853	6.050	5.919	5.540	2.425	2.503	2.789	2.824
102.0	5.482	5.533	5.824	6.050	5.868	5.518	2.680	2.758	3.037	3.021
105.0	5.453	5.533	5.802	6.050	5.839	5.518	2.957	3.042	3.335	3.268
108.0	5.431	5.540	5.795	6.050	5.817	5.533	3.270	3.370	3.656	3.573
111.0	5.431	5.591	5.795	6.072	5.817	5.569	3.634	3.755	4.035	3.966
114.0	5.496	5.679	5.867	6.137	5.882	5.664	4.064	4.192	4.479	4.432
117.0	5.627	5.817	6.020	6.290	6.070	5.839	4.581	4.745	4.996	4.949
120.0	5.866	6.043	6.252	6.545	6.325	6.123	5.207	5.363	5.571	5.531
123.0	6.194	6.342	6.594	6.866	6.703	6.488	5.892	6.033	6.198	6.157
126.0	6.616	6.764	7.023	7.332	7.183	6.983	6.628	6.754	6.875	6.805
129.0	7.168	7.289	7.569	7.857	7.758	7.588	7.385	7.481	7.567	7.496
132.0	7.845	7.922	8.187	8.490	8.420	8.272	8.127	8.188	8.243	8.173
135.0	8.609	8.665	8.886	9.182	9.141	9.036	8.818	8.865	8.891	8.800
138.0	9.439	9.459	9.629	9.866	9.891	9.859	9.437	9.470	9.473	9.382
141.0	10.29	10.27	10.38	10.59	10.65	10.66	9.961	10.00	9.997	9.885
144.0	11.16	11.10	11.13	11.29	11.40	11.47	10.42	10.45	10.47	10.31
147.0	11.97	11.89	11.82	11.94	12.08	12.24	10.82	10.84	10.88	10.68
150.0	12.69	12.60	12.42	12.51	12.67	12.91	11.16	11.17	11.21	10.97
153.0	13.31	13.20	12.93	12.99	13.15	13.48	11.44	11.44	11.48	11.20
156.0	13.79	13.64	13.30	13.34	13.52	13.90	11.68	11.69	11.69	11.36
159.0	14.11	13.95	13.52	13.56	13.76	14.17	11.87	11.89	11.87	11.49
162.0	14.24	14.01	13.59	13.60	13.85	14.19	12.00	12.03	12.01	11.60
165.0	14.25	13.93	13.59	13.59	13.89	14.12	12.04	12.14	12.13	11.74
168.0	14.12	13.75	13.56	13.56	13.80	13.89	12.08	12.17	12.26	11.95
171.0	13.82	13.48	13.45	13.48	13.64	13.57	12.09	12.22	12.42	12.19
174.0	13.47	13.21	13.34	13.43	13.47	13.21	12.19	12.32	12.65	12.49
177.0	13.14	13.02	13.29	13.34	13.28	12.88	12.46	12.54	12.94	12.86
180.0	12.89	12.87	13.23	13.24	13.04	12.66	12.86	12.86	13.19	13.22
G/C	300.0	330.0								
0.0	3550	3551								
3.0	3433	3502								
6.0	3140	3294								
9.0	2691	2913								
12.0	2144	2337								
15.0	1604	1738								
18.0	1154	1249								
21.0	809.8	837.9								
24.0	558.3	565.4								
27.0	398.9	394.4								
30.0	308.3	299.8								

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:

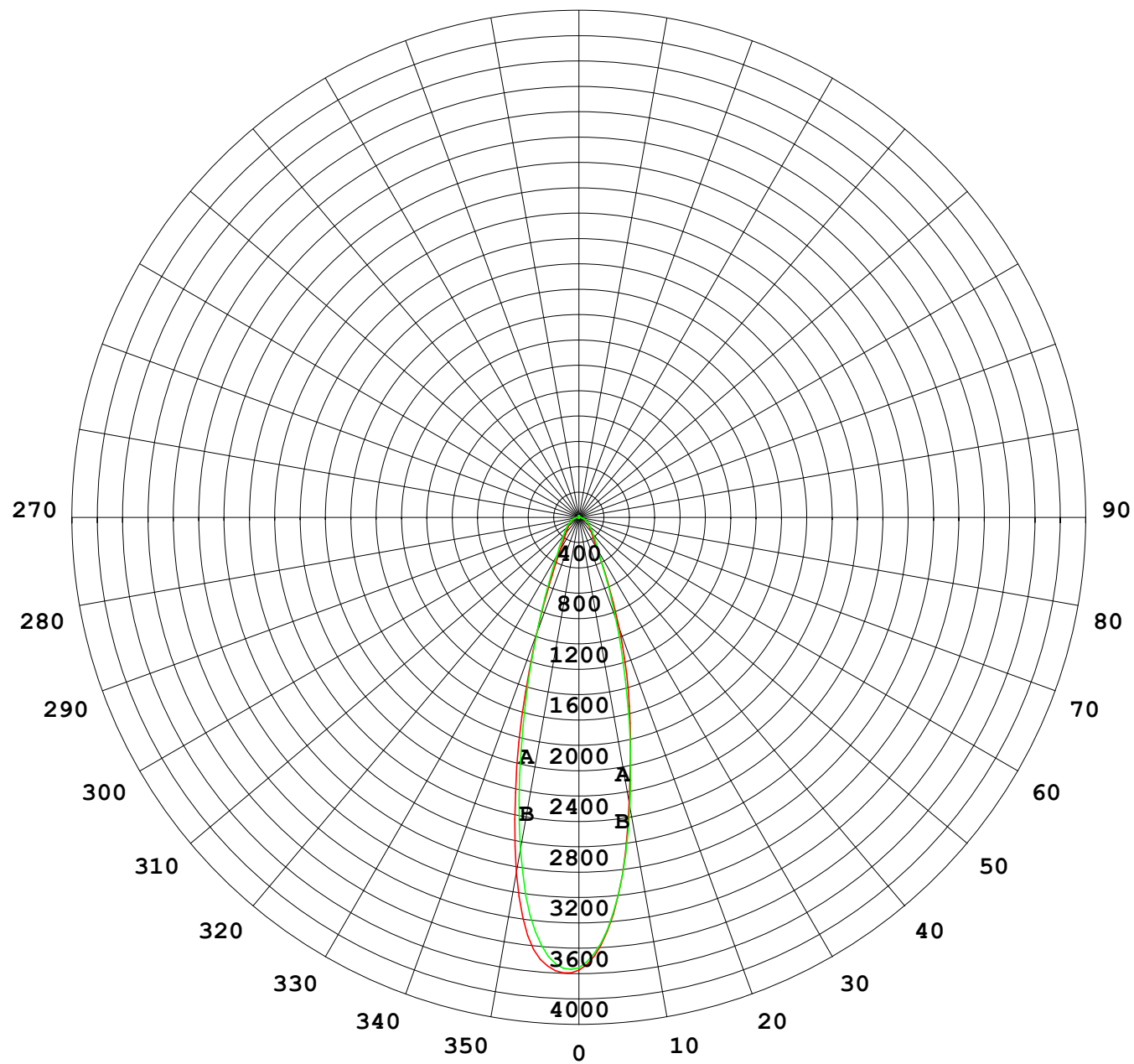
## Photometric Data Table [cd]

33.0	249.9	238.9
36.0	209.4	198.7
39.0	180.4	171.6
42.0	158.7	150.9
45.0	142.1	135.2
48.0	128.1	122.5
51.0	116.2	112.0
54.0	105.8	102.9
57.0	96.20	93.95
60.0	86.50	84.79
63.0	76.57	75.54
66.0	66.01	64.37
69.0	55.57	52.90
72.0	45.80	41.37
75.0	36.57	31.36
78.0	28.00	22.58
81.0	20.09	15.09
84.0	12.58	7.313
87.0	4.090	2.409
90.0	2.046	1.791
93.0	2.243	1.907
96.0	2.447	2.132
99.0	2.687	2.351
102.0	2.942	2.605
105.0	3.226	2.889
108.0	3.547	3.202
111.0	3.903	3.566
114.0	4.326	3.995
117.0	4.821	4.483
120.0	5.382	5.036
123.0	5.994	5.676
126.0	6.656	6.346
129.0	7.348	7.074
132.0	8.039	7.802
135.0	8.709	8.501
138.0	9.321	9.156
141.0	9.859	9.731
144.0	10.31	10.18
147.0	10.69	10.58
150.0	10.99	10.90
153.0	11.20	11.14
156.0	11.35	11.32
159.0	11.43	11.45
162.0	11.48	11.49
165.0	11.53	11.50
168.0	11.64	11.51
171.0	11.83	11.57
174.0	12.14	11.75
177.0	12.56	12.10
180.0	13.03	12.59

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

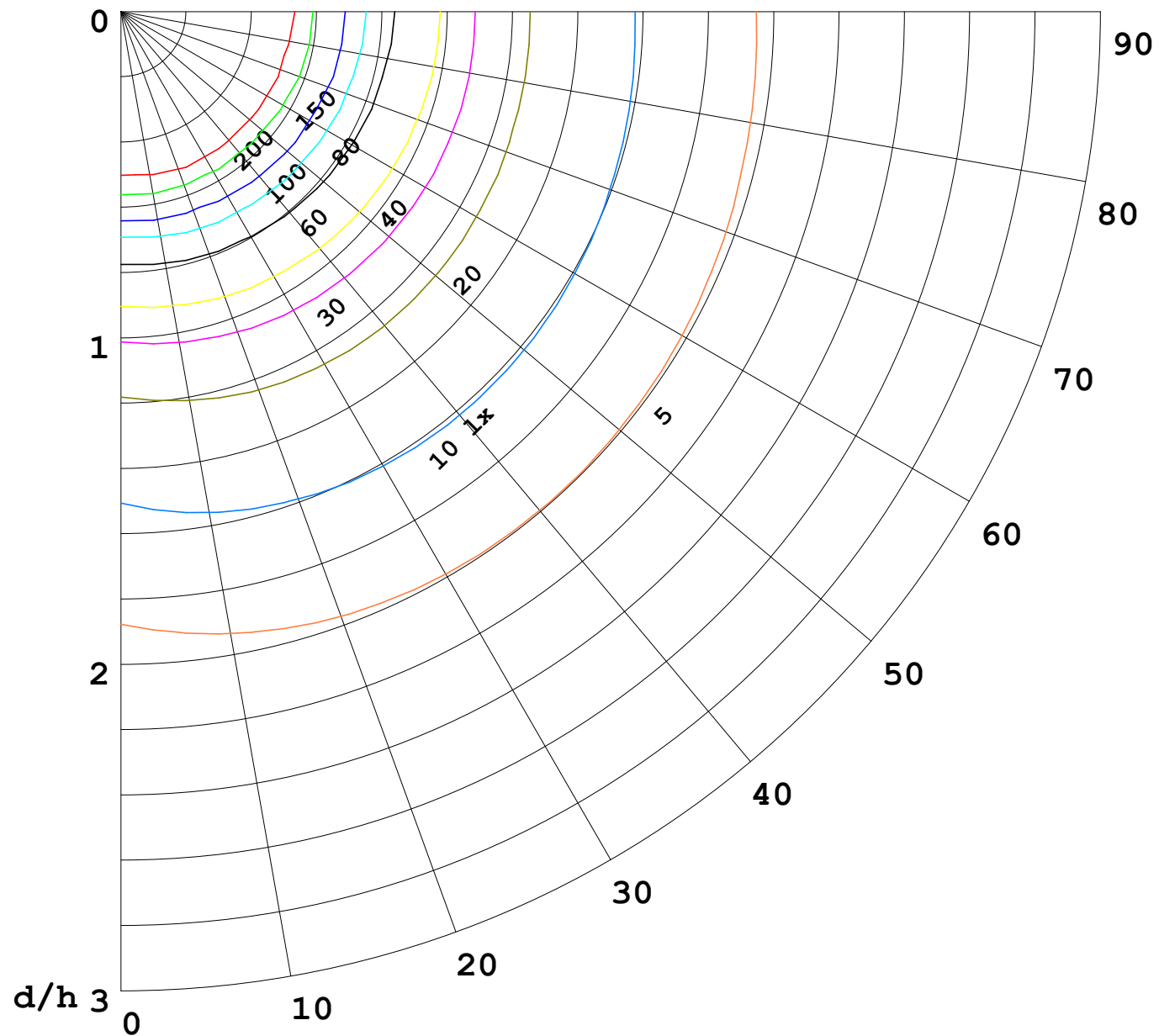
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

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

