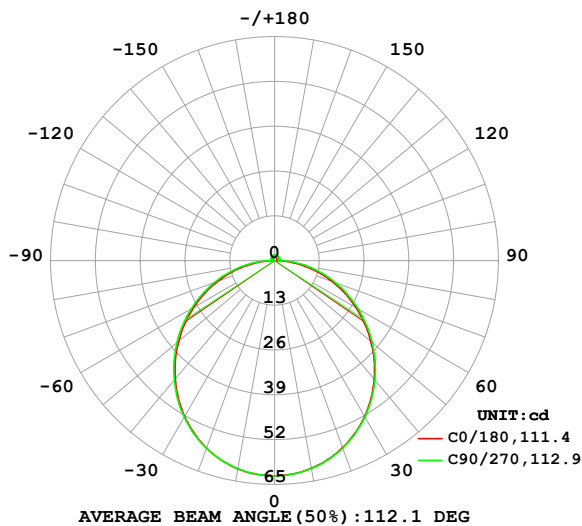


LUMINAIRE PHOTOMETRIC TEST REPORT

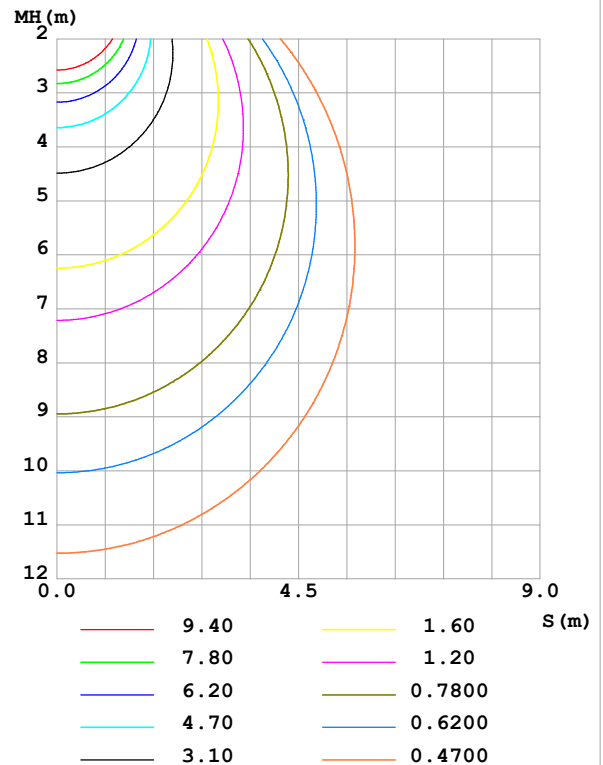
Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 34.80 lm/W
MODEL		I _{max} (cd)	62.64	S/MH(C0/180)	1.24	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	188.67	η UP,DN(C0-180)	2.0,48.1	
NOMINAL FLUX(lm)	188.662	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,48.0	
LAMPS INSIDE	1	η up (%)	3.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down (%)	96.1	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	61.25	61.28	61.34	61.55	61.39	61.44	61.35	61.43	0- 10	5.914	5.914	3.13,3.13
20	57.77	57.86	57.91	58.16	57.91	58.13	57.96	58.03	10- 20	16.92	22.84	12.1,12.1
30	52.27	52.39	52.45	52.63	52.24	52.61	52.48	52.53	20- 30	25.56	48.40	25.7,25.7
40	45.02	45.23	45.31	45.30	44.92	45.36	45.35	45.37	30- 40	30.68	79.08	41.9,41.9
50	36.48	36.84	36.98	36.72	36.36	36.84	37.01	36.96	40- 50	31.74	110.8	58.7,58.7
60	27.28	27.74	28.02	27.43	27.10	27.56	27.96	27.83	50- 60	28.85	139.7	74,74
70	17.80	18.39	18.84	17.87	17.53	17.98	18.65	18.42	60- 70	22.69	162.4	86.1,86.1
80	8.345	9.035	9.751	8.406	8.054	8.463	9.390	8.951	70- 80	14.22	176.6	93.6,93.6
90	1.091	1.196	1.206	1.081	0.9512	1.031	0.9064	1.066	80- 90	4.769	181.4	96.1,96.1
100	0.8312	1.027	1.258	1.030	0.7533	0.8948	0.9785	0.8457	90-100	1.032	182.4	96.7,96.7
110	0.9523	1.125	1.322	1.128	0.8544	0.9958	1.042	0.9473	100-110	1.057	183.4	97.2,97.2
120	1.071	1.195	1.362	1.215	0.9584	1.100	1.126	1.117	110-120	1.084	184.5	97.8,97.8
130	1.177	1.253	1.391	1.287	1.077	1.201	1.230	1.212	120-130	1.065	185.6	98.4,98.4
140	1.278	1.310	1.420	1.351	1.195	1.305	1.336	1.308	130-140	0.9836	186.6	98.9,98.9
150	1.371	1.368	1.463	1.420	1.325	1.420	1.437	1.403	140-150	0.8488	187.4	99.3,99.3
160	1.466	1.469	1.515	1.489	1.409	1.510	1.533	1.492	150-160	0.6653	188.1	99.7,99.7
170	1.477	1.535	1.559	1.547	1.463	1.582	1.593	1.567	160-170	0.4295	188.5	99.9,99.9
180	1.501	1.587	1.605	1.590	1.498	1.587	1.605	1.602	170-180	0.1492	188.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 95.077 lm

%lum = 50.4%

%lamp = 50.4%

Conical surface Flux(130deg): 151.96 lm

%lum = 80.5%

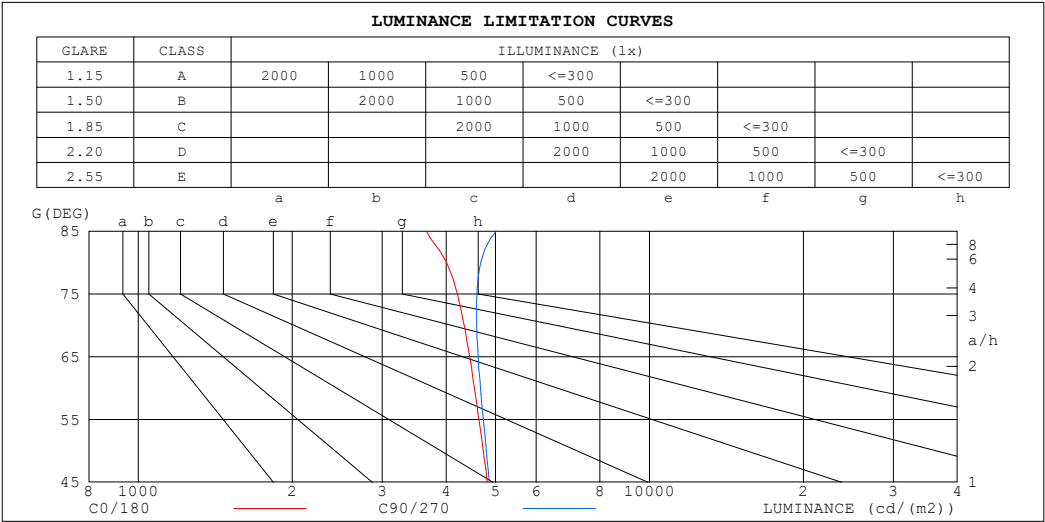
%lamp = 80.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Cloud
 Test Date:2024-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:6.360m [K=1.0000]
 Remarks: WHITE

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



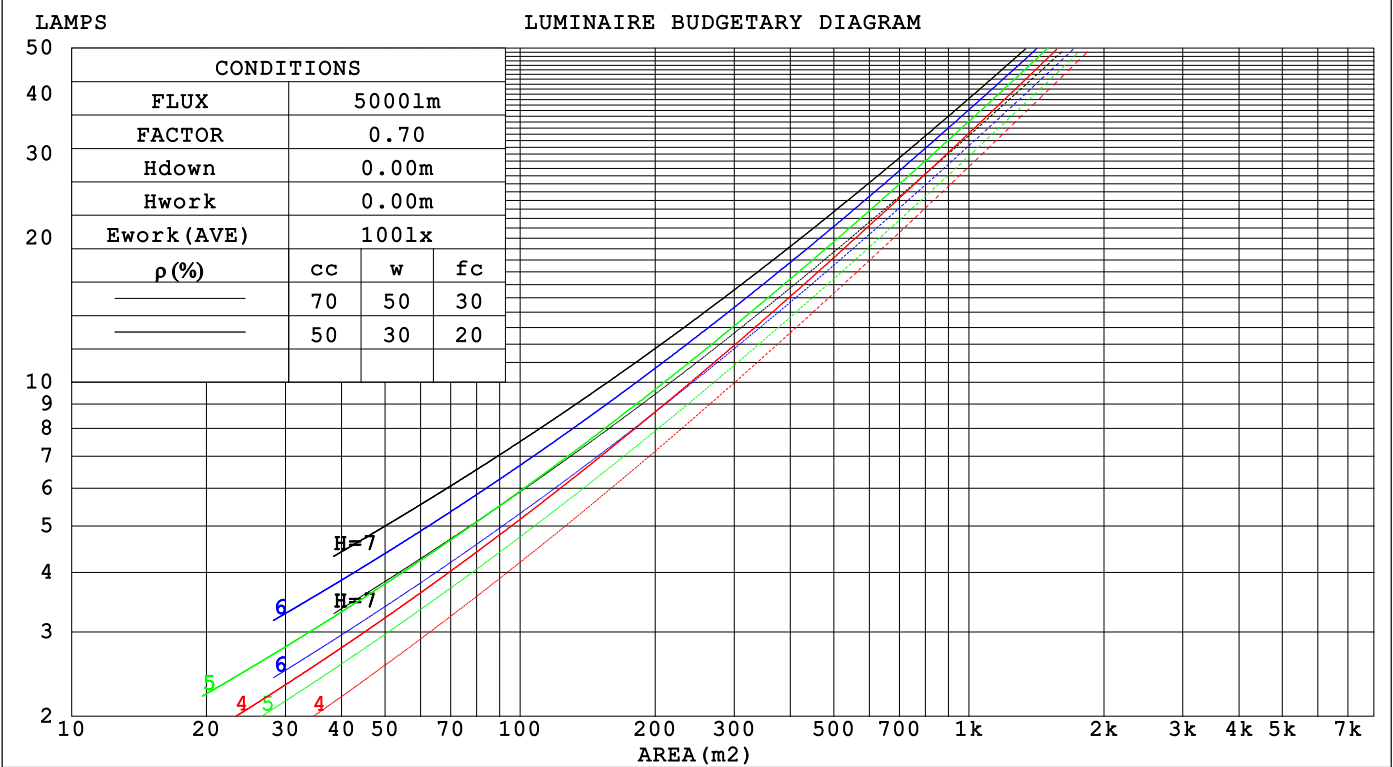
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3661	5022
80	4005	4679
75	4207	4594
70	4337	4590
65	4448	4621
60	4546	4670
55	4639	4729
50	4730	4794
45	4816	4862

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:Cloud	Test Distance:6.360m [K=1.0000]
Test Date:2024-11-20	Remarks: WHITE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz		
Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding 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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.02	.98	.94	.90	.96	.92	.95	.91	.88	.90	.88	.85	.86	.84	.82	.79
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.74	.70	.75	.71	.68	.66
3.0	.78	.70	.63	.76	.68	.62	.73	.66	.61	.69	.64	.59	.66	.62	.58	.55
4.0	.69	.60	.53	.67	.59	.53	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.62	.52	.46	.60	.52	.45	.58	.50	.44	.55	.49	.44	.53	.47	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.38	.48	.42	.38	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

WEC AND CCEC

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding 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	.320	.182	.058	.311	.178	.056	.296	.170	.054	.281	.162	.052	.268	.156	.050															
2.0	.297	.163	.050	.290	.160	.049	.276	.153	.048	.263	.148	.046	.251	.142	.045															
3.0	.273	.145	.044	.267	.143	.043	.254	.138	.042	.243	.133	.041	.232	.129	.040															
4.0	.251	.130	.038	.245	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036															
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032															
6.0	.214	.107	.031	.210	.106	.030	.201	.103	.030	.193	.100	.029	.185	.097	.029															
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026															
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024															
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022															
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.021															

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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.211	.186	.163	.180	.159	.141	.123	.110	.097	.071	.063	.057	.023	.020	.018	
2.0	.203	.162	.127	.174	.139	.110	.119	.096	.077	.069	.056	.045	.022	.018	.015	
3.0	.195	.144	.104	.167	.125	.090	.115	.087	.063	.066	.051	.037	.021	.016	.012	
4.0	.188	.131	.088	.161	.113	.077	.111	.079	.054	.064	.046	.032	.021	.015	.011	
5.0	.180	.121	.077	.155	.105	.067	.107	.073	.048	.062	.043	.028	.020	.014	.009	
6.0	.173	.113	.070	.149	.098	.061	.103	.068	.043	.059	.040	.025	.019	.013	.008	
7.0	.166	.106	.064	.143	.092	.056	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.160	.100	.059	.137	.087	.052	.095	.061	.037	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.056	.132	.083	.049	.092	.058	.035	.053	.034	.021	.017	.011	.007	
10.0	.148	.091	.053	.127	.079	.046	.088	.056	.033	.052	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm										
NAME: SF15-24V-5050-60-RGBW(4000K)-80					TYPE:			WEIGHT:		
SPEC.:					DIM.: Length=1m			SERIAL No.:		
MFR.:					SUR.:			Shielding 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	23.7	25.2	24.1	25.5	25.8	23.9	25.3	24.2	25.6	25.9
3H	25.4	26.7	25.7	27.0	27.4	25.6	26.9	25.9	27.2	27.6
4H	26.1	27.4	26.4	27.7	28.0	26.3	27.6	26.7	28.0	28.3
6H	26.6	27.8	27.0	28.2	28.5	27.0	28.2	27.4	28.5	28.9
8H	26.8	28.0	27.2	28.3	28.7	27.2	28.4	27.6	28.8	29.1
12H	26.9	28.0	27.3	28.4	28.8	27.4	28.6	27.9	28.9	29.3
4H 2H	24.4	25.7	24.8	26.0	26.4	24.5	25.8	24.9	26.1	26.5
3H	26.2	27.3	26.6	27.7	28.1	26.4	27.5	26.8	27.9	28.3
4H	27.0	28.1	27.5	28.5	28.9	27.3	28.3	27.7	28.7	29.1
6H	27.7	28.6	28.2	29.1	29.5	28.1	29.0	28.6	29.4	29.9
8H	28.0	28.8	28.4	29.3	29.7	28.4	29.3	28.9	29.7	30.2
12H	28.1	28.9	28.6	29.4	29.9	28.7	29.5	29.2	29.9	30.4
8H 4H	27.4	28.2	27.8	28.7	29.1	27.6	28.5	28.1	28.9	29.4
6H	28.2	28.9	28.7	29.4	29.9	28.6	29.3	29.1	29.8	30.3
8H	28.6	29.2	29.1	29.7	30.2	29.0	29.7	29.6	30.2	30.7
12H	28.8	29.4	29.4	29.9	30.5	29.4	30.0	30.0	30.5	31.1
12H 4H	27.4	28.2	27.9	28.7	29.1	27.6	28.4	28.1	28.9	29.4
6H	28.3	29.0	28.8	29.5	30.0	28.7	29.3	29.2	29.8	30.3
8H	28.7	29.3	29.3	29.8	30.3	29.2	29.7	29.7	30.2	30.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 188.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.8)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

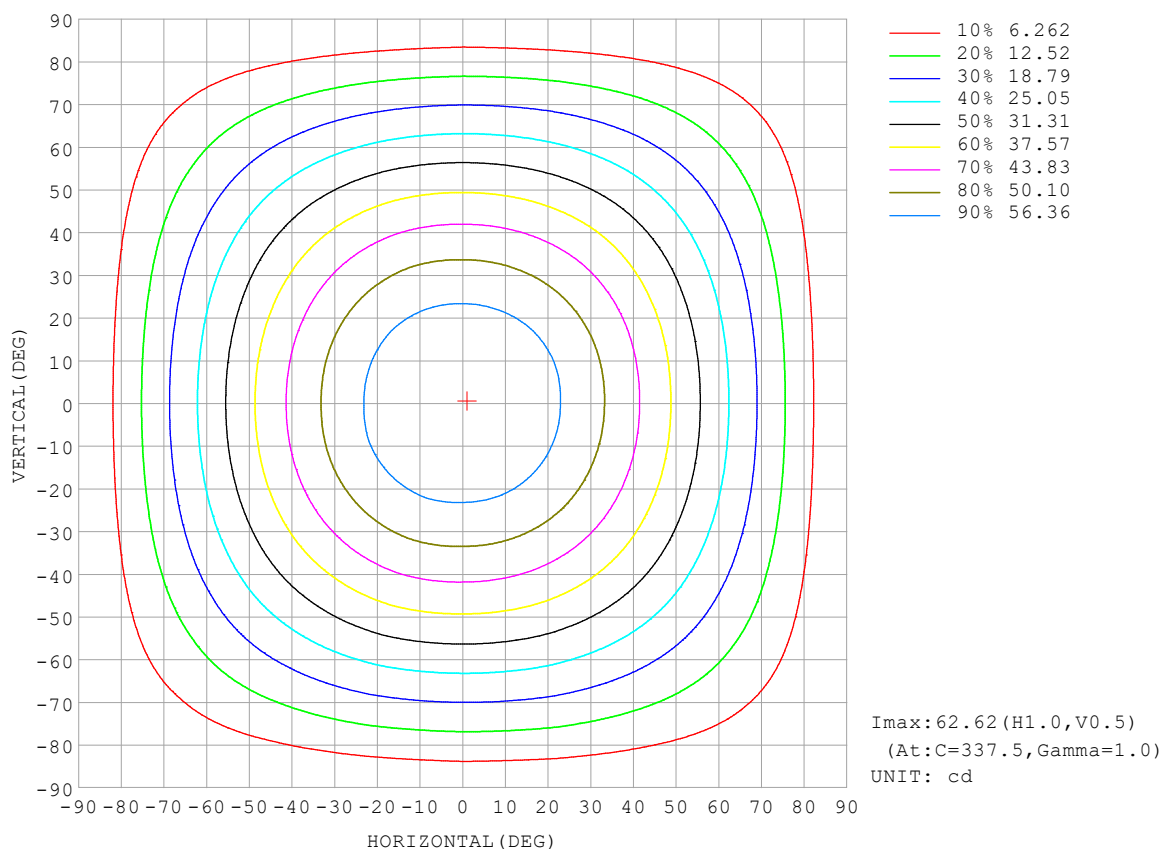
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	53	46	63	52	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	79	69	62	76	68	61	54
1.50	86	76	69	84	75	68	81	73	67	58
2.00	93	84	77	91	83	76	87	80	75	66
2.50	97	89	83	95	87	82	90	84	79	70
3.00	100	93	88	98	91	86	93	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	95	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: Cloud
 Test Date: 2024-11-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
 Humidity: 65.0%
 Test Distance: 6.360m [K=1.0000]
 Remarks: WHITE

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

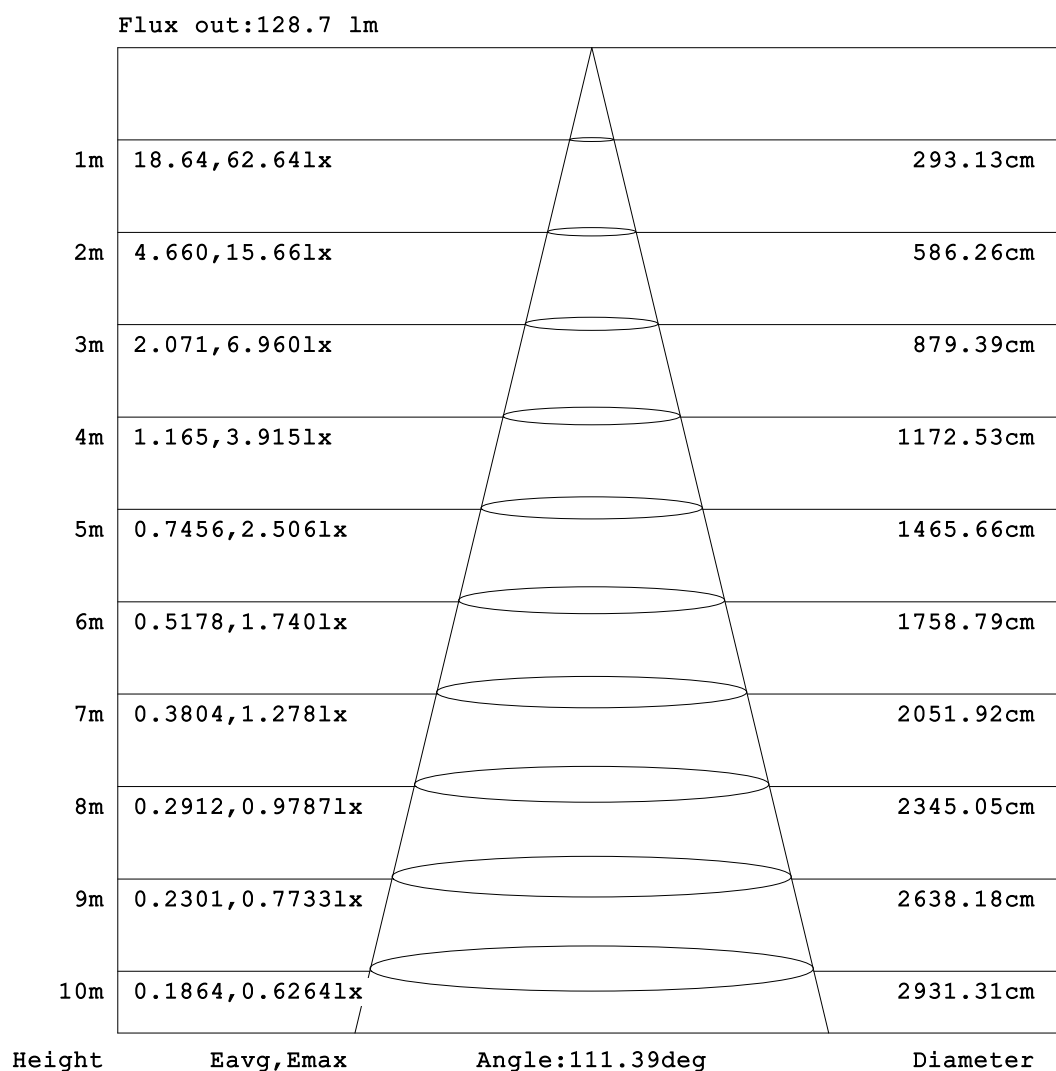


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: WHITE

AAI Figure

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



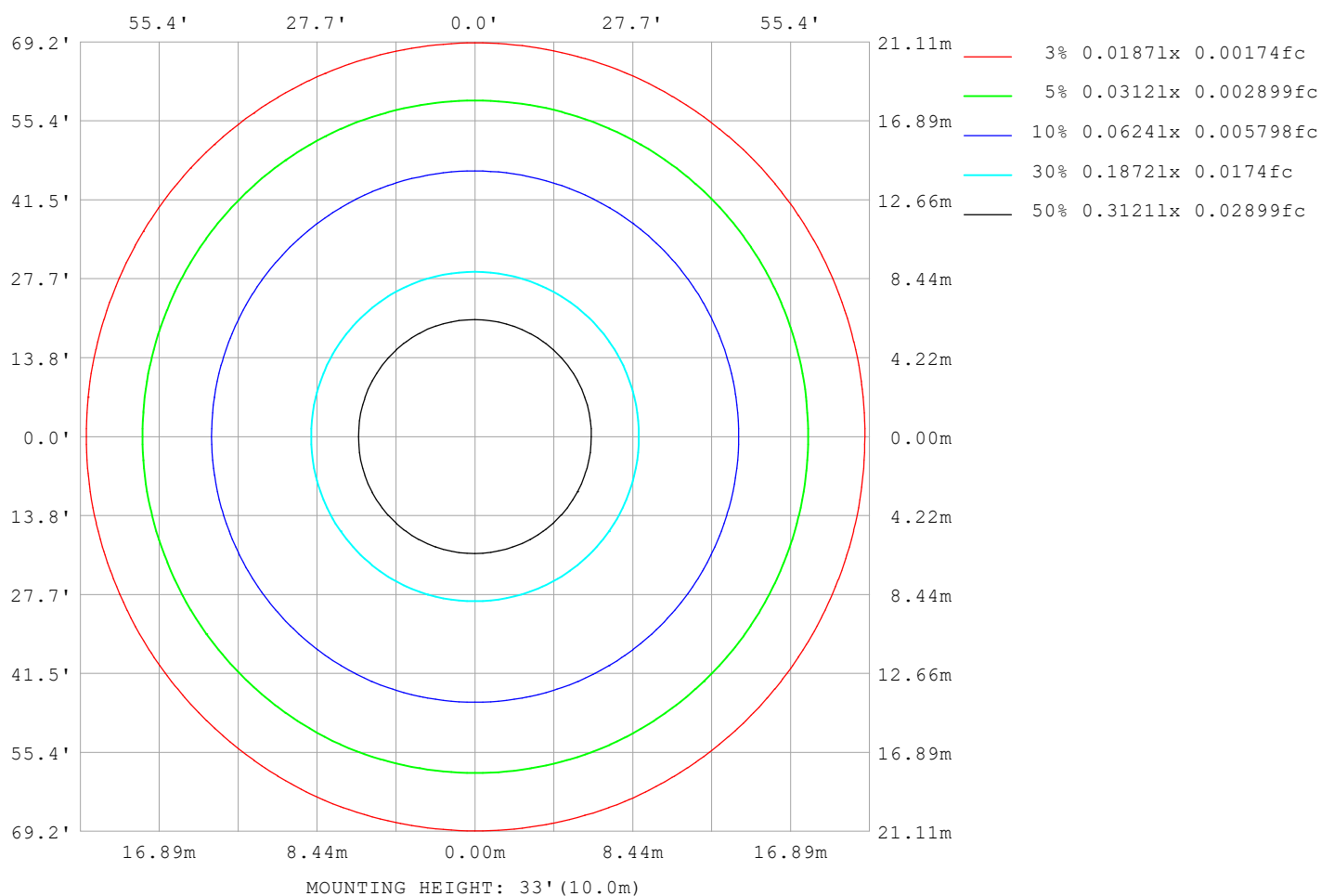
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: WHITE

ISOLUX DIAGRAM

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 6.360m [K=1.0000]
Remarks: WHITE

LED Avg.L Report

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm		
NAME: SF15-24V-5050-60-RGBW(4000K)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

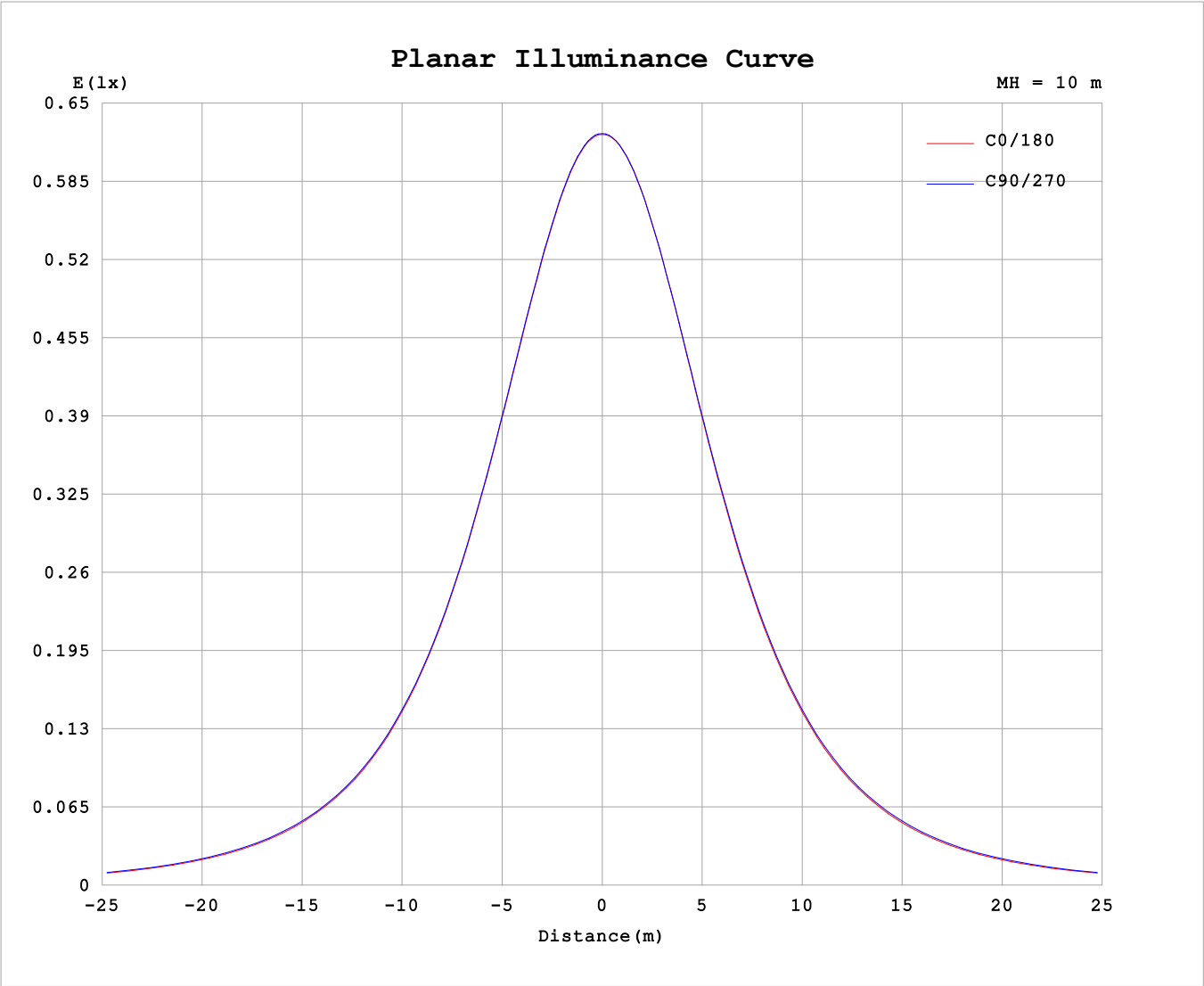
AvgL	cd/m2
L_0~180 (65) av	4425
L_0~180 (75) av	4157
L_0~180 (85) av	3503
L_90~270 (65) av	4609
L_90~270 (75) av	4550
L_90~270 (85) av	4811
L_45 (65) av	4519
L_45 (75) av	4322
L_45 (85) av	3849

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

Planar Illuminance Curve



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:Cloud	Test Distance:6.360m [K=1.0000]
Test Date:2024-11-20	Remarks: WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2259A P:5.422W PF:1.000 Freq:0Hz Lamp Flux:188.662x1 lm																		
NAME: SF15-24V-5050-60-RGBW(4000K)-80									TYPE:					WEIGHT:				
SPEC.:									DIM.: Length=1m					SERIAL No.:				
MFR.:									SUR.:					Shielding Angle:				

Table--1

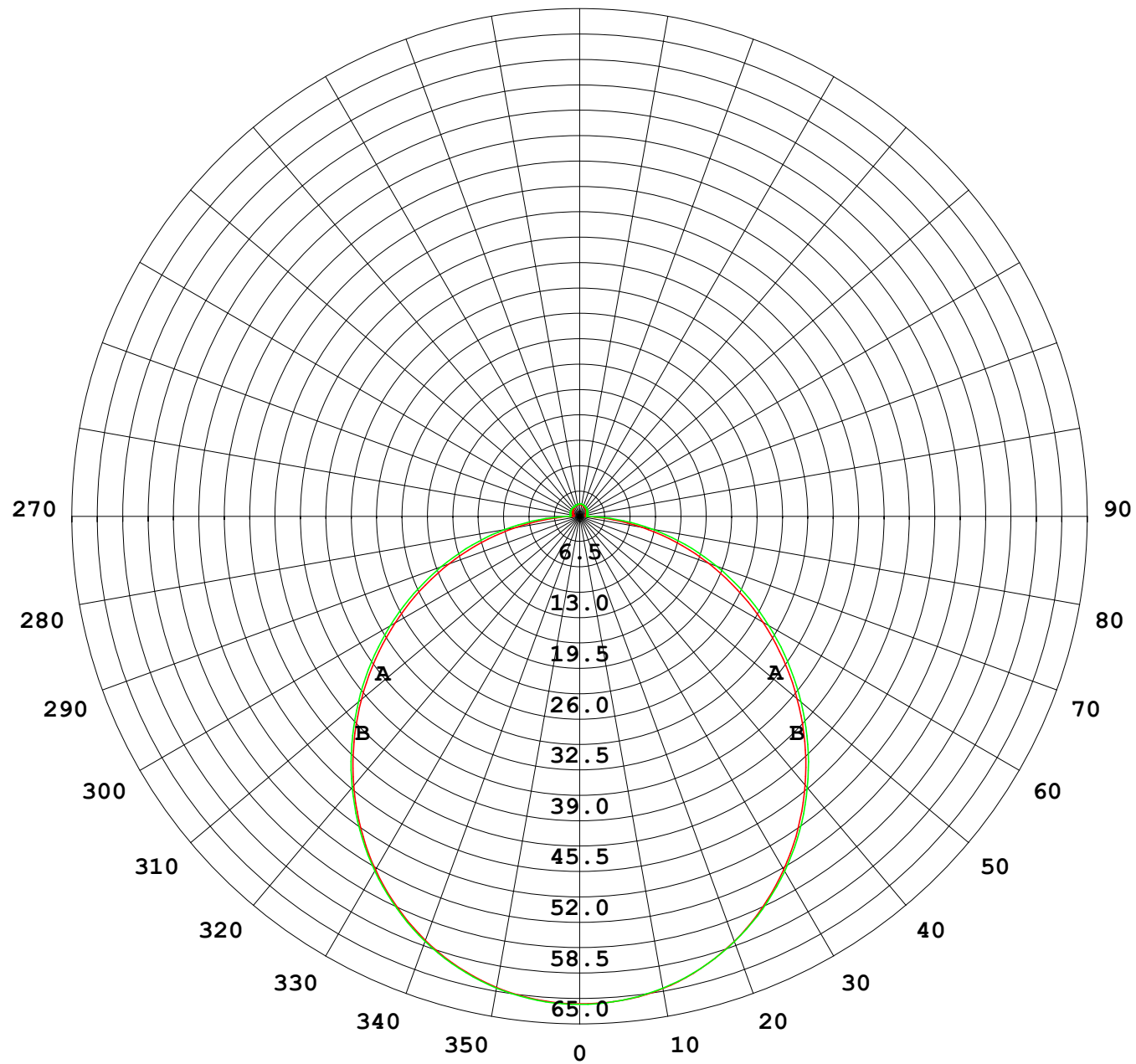
UNIT: cd

C (DEG) γ (DEG)		0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6			
5	62.1	62.1	62.1	62.2	62.2	62.3	62.4	62.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4			
10	61.2	61.3	61.3	61.3	61.3	61.5	61.5	61.6	61.4	61.4	61.4	61.4	61.4	61.3	61.4	61.4	61.5			
15	59.8	59.8	59.9	59.9	59.9	60.1	60.1	60.2	59.9	60.0	60.1	60.0	59.9	59.9	59.9	60.0	60.0			
20	57.8	57.8	57.9	57.9	57.9	58.1	58.2	58.2	57.9	58.0	58.1	58.1	58.0	58.0	58.0	58.0	58.0			
25	55.3	55.3	55.4	55.4	55.4	55.7	55.6	55.6	55.3	55.5	55.6	55.6	55.5	55.5	55.5	55.5	55.5			
30	52.3	52.3	52.4	52.5	52.5	52.7	52.6	52.5	52.2	52.4	52.6	52.7	52.5	52.5	52.5	52.5	52.5			
35	48.8	48.9	49.0	49.1	49.1	49.3	49.2	49.0	48.8	49.0	49.2	49.3	49.1	49.1	49.1	49.1	49.1			
40	45.0	45.1	45.2	45.3	45.3	45.5	45.3	45.1	44.9	45.1	45.4	45.5	45.3	45.4	45.4	45.4	45.3			
45	40.9	40.9	41.1	41.3	41.3	41.4	41.1	40.9	40.8	40.9	41.2	41.4	41.3	41.3	41.3	41.3	41.1			
50	36.5	36.6	36.8	37.0	37.0	37.1	36.7	36.4	36.4	36.5	36.8	37.1	37.0	37.0	37.0	37.0	36.7			
55	31.9	32.0	32.3	32.6	32.5	32.6	32.1	31.8	31.8	31.9	32.3	32.6	32.5	32.5	32.5	32.5	32.2			
60	27.3	27.4	27.7	28.1	28.0	28.0	27.4	27.1	27.1	27.2	27.6	27.9	28.0	28.0	27.8	27.5				
65	22.6	22.7	23.1	23.5	23.4	23.3	22.7	22.3	22.3	22.4	22.8	23.2	23.3	23.3	23.1	22.8				
70	17.8	18.0	18.4	18.9	18.8	18.6	17.9	17.4	17.5	17.6	18.0	18.4	18.6	18.6	18.4	18.0				
75	13.1	13.3	13.7	14.3	14.3	13.9	13.1	12.6	12.8	12.8	13.2	13.7	14.0	14.0	13.7	13.3				
80	8.35	8.57	9.03	9.67	9.75	9.29	8.41	7.91	8.05	8.07	8.46	8.96	9.39	9.28	8.95	8.56				
85	3.83	3.99	4.37	5.03	5.25	4.62	3.74	3.30	3.50	3.46	3.77	4.26	4.81	4.51	4.21	3.94				
90	1.09	1.11	1.20	1.23	1.21	1.16	1.08	0.97	0.95	0.95	1.03	0.93	0.91	0.84	1.07	1.09				
95	0.81	0.87	1.00	1.16	1.21	1.17	1.03	0.90	0.75	0.80	0.87	0.92	0.95	0.79	0.84	0.81				
100	0.83	0.92	1.03	1.20	1.26	1.21	1.03	0.92	0.75	0.81	0.89	0.94	0.98	0.86	0.85	0.81				
105	0.89	0.96	1.07	1.24	1.29	1.25	1.08	0.96	0.80	0.83	0.94	0.98	1.01	0.93	0.93	0.82				
110	0.95	1.02	1.13	1.27	1.32	1.29	1.13	1.01	0.85	0.89	1.00	1.03	1.04	0.97	0.95	0.85				
115	1.01	1.08	1.16	1.30	1.34	1.32	1.17	1.07	0.91	0.94	1.05	1.08	1.08	1.01	1.01	0.95				
120	1.07	1.13	1.19	1.32	1.36	1.35	1.22	1.12	0.96	1.00	1.10	1.12	1.13	1.09	1.12	1.02				
125	1.13	1.18	1.22	1.35	1.38	1.37	1.25	1.17	1.02	1.05	1.15	1.17	1.17	1.16	1.17	1.07				
130	1.18	1.23	1.25	1.37	1.39	1.39	1.29	1.22	1.08	1.11	1.20	1.22	1.23	1.21	1.21	1.13				
135	1.23	1.25	1.28	1.39	1.41	1.41	1.31	1.26	1.14	1.17	1.25	1.26	1.28	1.26	1.26	1.18				
140	1.28	1.26	1.31	1.41	1.42	1.43	1.35	1.31	1.19	1.23	1.30	1.32	1.34	1.30	1.31	1.23				
145	1.32	1.29	1.34	1.42	1.44	1.46	1.39	1.35	1.26	1.28	1.36	1.37	1.39	1.35	1.35	1.28				
150	1.37	1.33	1.37	1.44	1.46	1.48	1.42	1.40	1.32	1.34	1.42	1.42	1.44	1.40	1.40	1.33				
155	1.42	1.37	1.40	1.49	1.49	1.51	1.46	1.45	1.35	1.40	1.47	1.47	1.49	1.45	1.45	1.39				
160	1.47	1.42	1.47	1.52	1.52	1.54	1.49	1.50	1.41	1.45	1.51	1.51	1.53	1.49	1.49	1.44				
165	1.51	1.45	1.50	1.55	1.54	1.56	1.52	1.53	1.47	1.50	1.55	1.55	1.57	1.53	1.53	1.48				
170	1.48	1.48	1.54	1.57	1.56	1.58	1.55	1.56	1.46	1.54	1.58	1.57	1.59	1.56	1.57	1.52				
175	1.48	1.58	1.56	1.59	1.58	1.60	1.57	1.59	1.50	1.57	1.59	1.59	1.61	1.59	1.59	1.56				
180	1.50	1.58	1.59	1.60	1.60	1.60	1.59	1.59	1.50	1.58	1.59	1.60	1.60	1.60	1.60	1.58				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-11-20

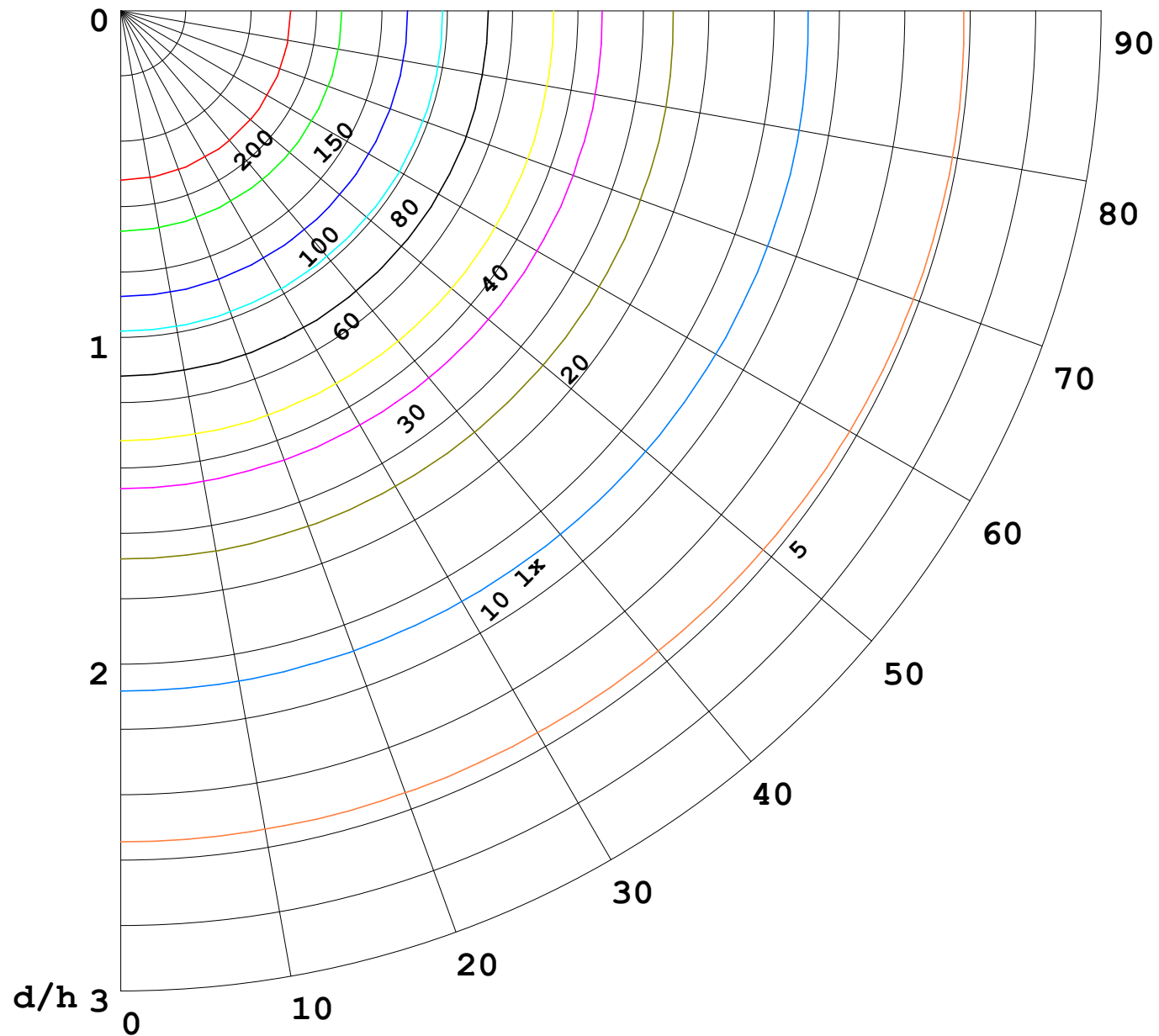
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

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

