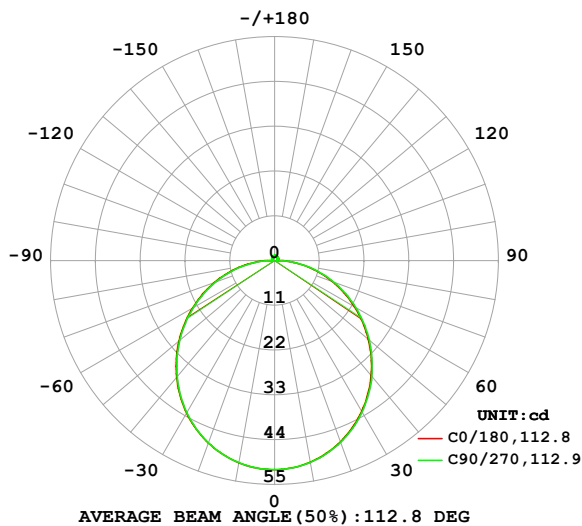


## LUMINAIRE PHOTOMETRIC TEST REPORT

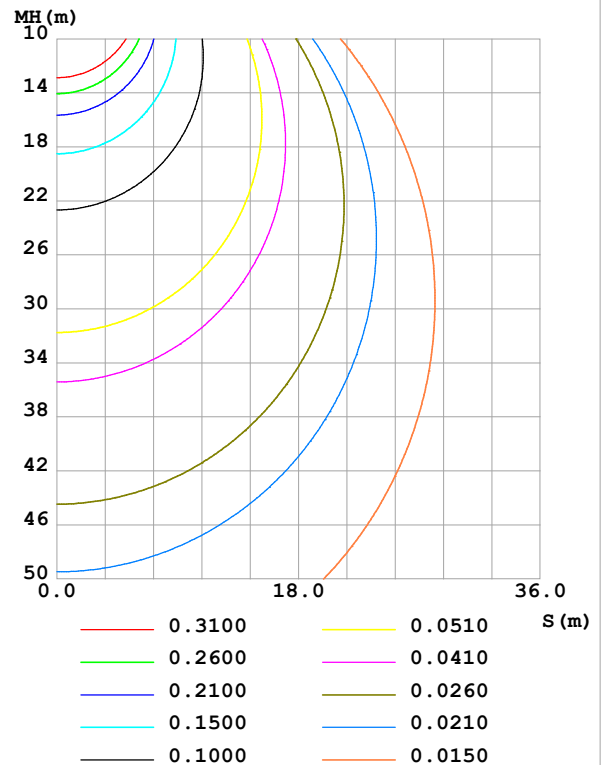
Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.23 lm/W			
MODEL		I <sub>max</sub> (cd)	51.35	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)		TOTAL FLUX(lm)	156.84	η UP,DN(C0-180)	1.8,48.1
NOMINAL FLUX(lm)	156.844	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,48.2
LAMPS INSIDE	1	η up (%)	3.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down (%)	96.3	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:2024-10-28

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: GREEN

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	50.29	50.36	50.37	50.41	50.45	50.45	50.42	50.41	0- 10	4.856	4.856	3.1,3.1
20	47.35	47.47	47.52	47.60	47.66	47.68	47.62	47.58	10- 20	13.88	18.74	11.9,11.9
30	42.78	42.91	43.02	43.14	43.26	43.24	43.12	43.06	20- 30	20.97	39.71	25.3,25.3
40	36.90	37.05	37.19	37.34	37.45	37.38	37.22	37.15	30- 40	25.20	64.91	41.4,41.4
50	30.05	30.23	30.40	30.52	30.66	30.55	30.37	30.32	40- 50	26.15	91.06	58.1,58.1
60	22.67	22.84	23.04	23.12	23.30	23.16	22.97	22.93	50- 60	23.91	115.0	73.3,73.3
70	15.11	15.27	15.43	15.52	15.72	15.57	15.35	15.34	60- 70	19.02	134.0	85.4,85.4
80	7.682	7.797	7.853	7.986	8.219	8.029	7.782	7.819	70- 80	12.29	146.3	93.3,93.3
90	1.915	1.557	0.7098	1.593	2.126	1.682	0.7883	1.637	80- 90	4.795	151.1	96.3,96.3
100	0.7005	0.6783	0.6842	0.6698	0.6458	0.7853	0.7564	0.8201	90-100	0.9303	152.0	96.9,96.9
110	0.8012	0.7764	0.7766	0.7708	0.7237	0.8401	0.7536	0.8460	100-110	0.8011	152.8	97.4,97.4
120	0.8879	0.8400	0.8574	0.8661	0.8101	0.8979	0.8086	0.7537	110-120	0.8161	153.6	97.9,97.9
130	0.9685	0.9064	0.9239	0.9526	0.8938	0.9614	0.9559	0.8549	120-130	0.8028	154.4	98.5,98.5
140	1.046	0.9814	0.9961	1.036	0.9831	1.039	1.051	1.048	130-140	0.7584	155.2	98.9,98.9
150	1.116	1.054	1.108	1.117	1.075	1.120	1.123	1.123	140-150	0.6653	155.8	99.4,99.4
160	1.188	1.178	1.192	1.201	1.165	1.192	1.204	1.195	150-160	0.5291	156.4	99.7,99.7
170	1.214	1.238	1.253	1.256	1.199	1.262	1.270	1.259	160-170	0.3450	156.7	99.9,99.9
180	1.222	1.282	1.291	1.285	1.222	1.279	1.296	1.291	170-180	0.1206	156.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 78.073 lm

%lum = 49.8%

%lamp = 49.8%

Conical surface Flux(130deg): 125.23 lm

%lum = 79.8%

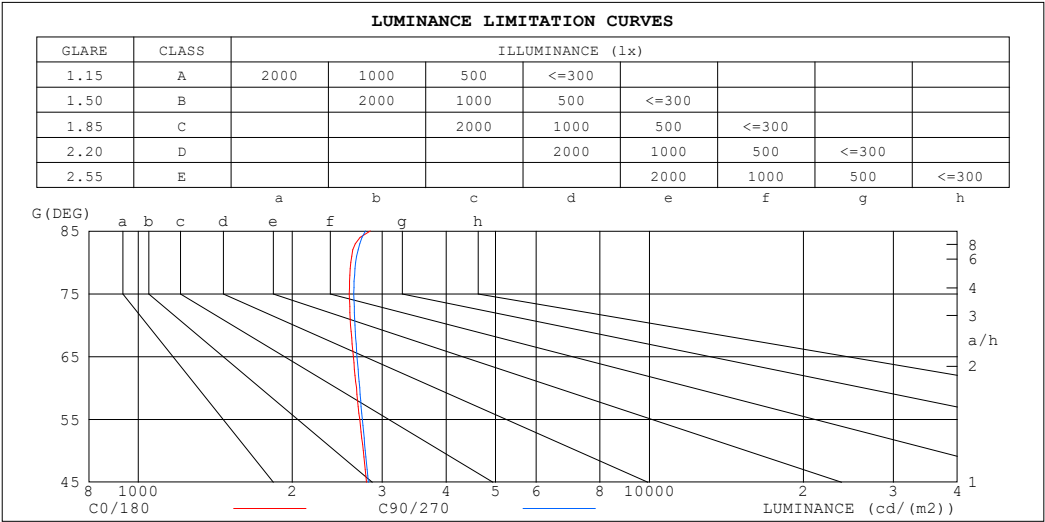
%lamp = 79.8%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: GREEN

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



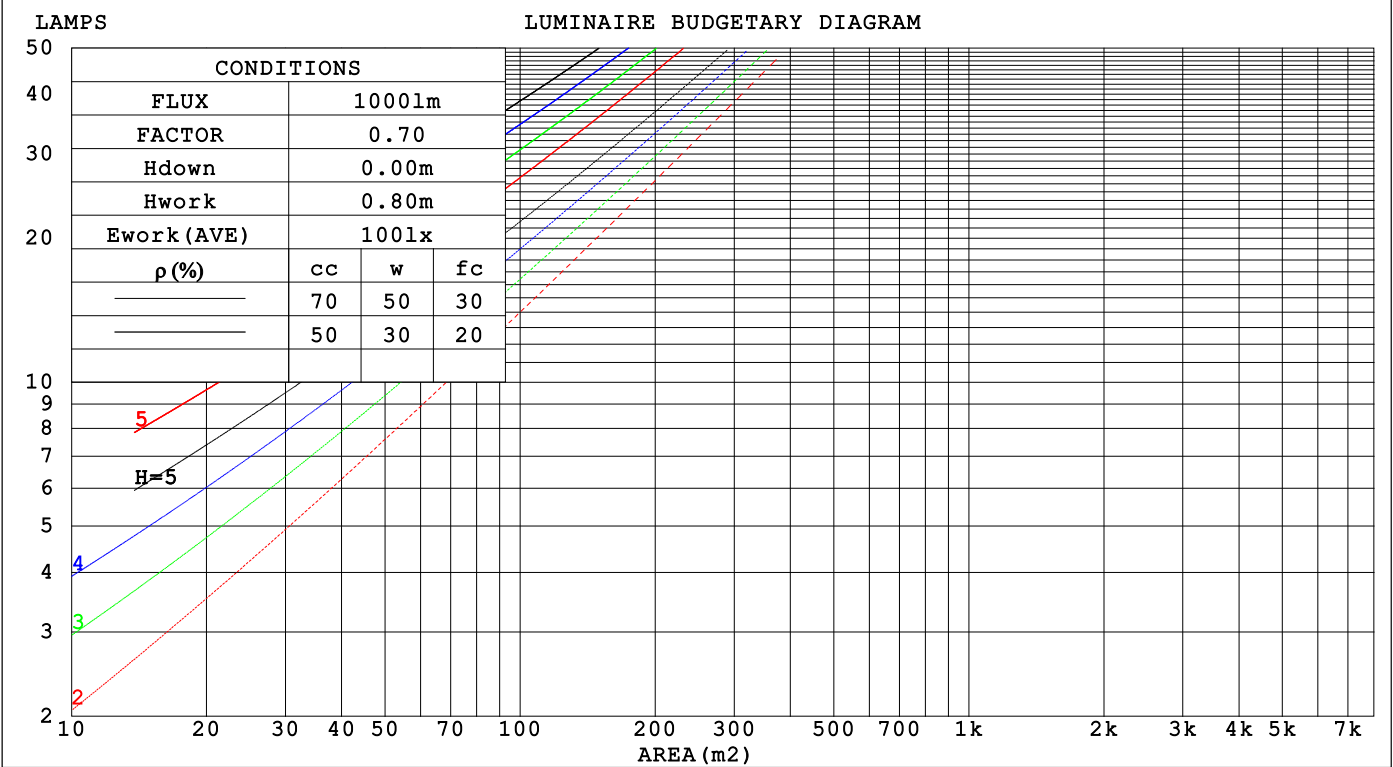
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2845	2784
80	2605	2659
75	2587	2640
70	2602	2653
65	2633	2678
60	2671	2709
55	2710	2743
50	2753	2780
45	2796	2817

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:2024-10-28	Remarks: GREEN

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz		
Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-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	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.02	.98	.93	.99	.95	.92	.95	.91	.88	.90	.87	.85	.86	.84	.81	.79
2.0	.89	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.78	.69	.62	.76	.68	.62	.72	.65	.60	.69	.63	.59	.66	.61	.57	.55
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.41	.35	.30	.40	.34	.29	.28
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28γ 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: GREEN

## WEC AND CCEC

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-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	.327	.186	.059	.319	.182	.058	.303	.174	.056	.289	.167	.053	.276	.160	.052															
2.0	.301	.165	.051	.294	.162	.050	.280	.156	.048	.268	.150	.047	.256	.145	.046															
3.0	.276	.147	.044	.270	.144	.043	.257	.139	.042	.246	.135	.041	.235	.130	.040															
4.0	.253	.132	.039	.247	.129	.038	.236	.125	.037	.226	.122	.037	.217	.118	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.201	.107	.032															
6.0	.215	.108	.031	.211	.107	.031	.202	.104	.030	.194	.101	.030	.186	.098	.029															
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.174	.090	.027															
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024															
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022															
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.144	.073	.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	.218	.218	.218	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.210	.184	.161	.179	.158	.139	.123	.109	.096	.071	.063	.056	.023	.020	.018	
2.0	.202	.160	.125	.173	.138	.108	.119	.095	.076	.068	.056	.044	.022	.018	.014	
3.0	.194	.143	.102	.167	.123	.088	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.187	.130	.086	.160	.112	.075	.110	.078	.053	.064	.046	.031	.020	.015	.010	
5.0	.179	.120	.076	.154	.103	.066	.106	.072	.046	.061	.042	.028	.020	.014	.009	
6.0	.172	.111	.068	.148	.096	.059	.102	.067	.042	.059	.040	.025	.019	.013	.008	
7.0	.165	.104	.062	.142	.090	.054	.098	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.158	.099	.058	.136	.086	.050	.094	.060	.036	.055	.035	.021	.018	.012	.007	
9.0	.152	.094	.054	.131	.081	.047	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.052	.126	.078	.045	.088	.055	.032	.051	.032	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28

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: GREEN

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm										
NAME: SF16-24V-5050-72-RGBW(4000)-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	22.5	24.0	22.8	24.3	24.5	22.6	24.1	22.9	24.3	24.6
3H	24.2	25.6	24.5	25.9	26.2	24.3	25.6	24.6	25.9	26.3
4H	24.9	26.2	25.3	26.6	26.9	25.0	26.3	25.4	26.6	27.0
6H	25.5	26.8	25.9	27.1	27.5	25.6	26.9	26.0	27.2	27.6
8H	25.8	27.0	26.2	27.3	27.7	25.9	27.1	26.3	27.4	27.8
12H	26.0	27.1	26.4	27.5	27.9	26.1	27.2	26.5	27.6	28.0
4H 2H	23.2	24.5	23.5	24.8	25.1	23.2	24.5	23.6	24.8	25.2
3H	25.0	26.2	25.4	26.5	26.9	25.1	26.2	25.5	26.6	27.0
4H	25.9	27.0	26.3	27.4	27.8	26.0	27.0	26.4	27.4	27.8
6H	26.7	27.6	27.1	28.0	28.5	26.8	27.7	27.2	28.1	28.6
8H	27.0	27.9	27.5	28.3	28.8	27.1	28.0	27.6	28.4	28.9
12H	27.3	28.1	27.7	28.5	29.0	27.3	28.2	27.8	28.6	29.1
8H 4H	26.3	27.1	26.7	27.6	28.0	26.3	27.2	26.8	27.6	28.1
6H	27.2	27.9	27.7	28.4	28.9	27.3	28.0	27.8	28.5	29.0
8H	27.6	28.3	28.2	28.8	29.3	27.7	28.4	28.2	28.9	29.4
12H	28.0	28.6	28.6	29.1	29.7	28.1	28.7	28.6	29.2	29.7
12H 4H	26.3	27.1	26.8	27.5	28.0	26.3	27.1	26.8	27.6	28.1
6H	27.3	28.0	27.8	28.5	29.0	27.4	28.0	27.9	28.5	29.1
8H	27.8	28.4	28.3	28.9	29.4	27.9	28.4	28.4	28.9	29.5
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, 156.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.4)  
Area: 0.017 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28

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: GREEN

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

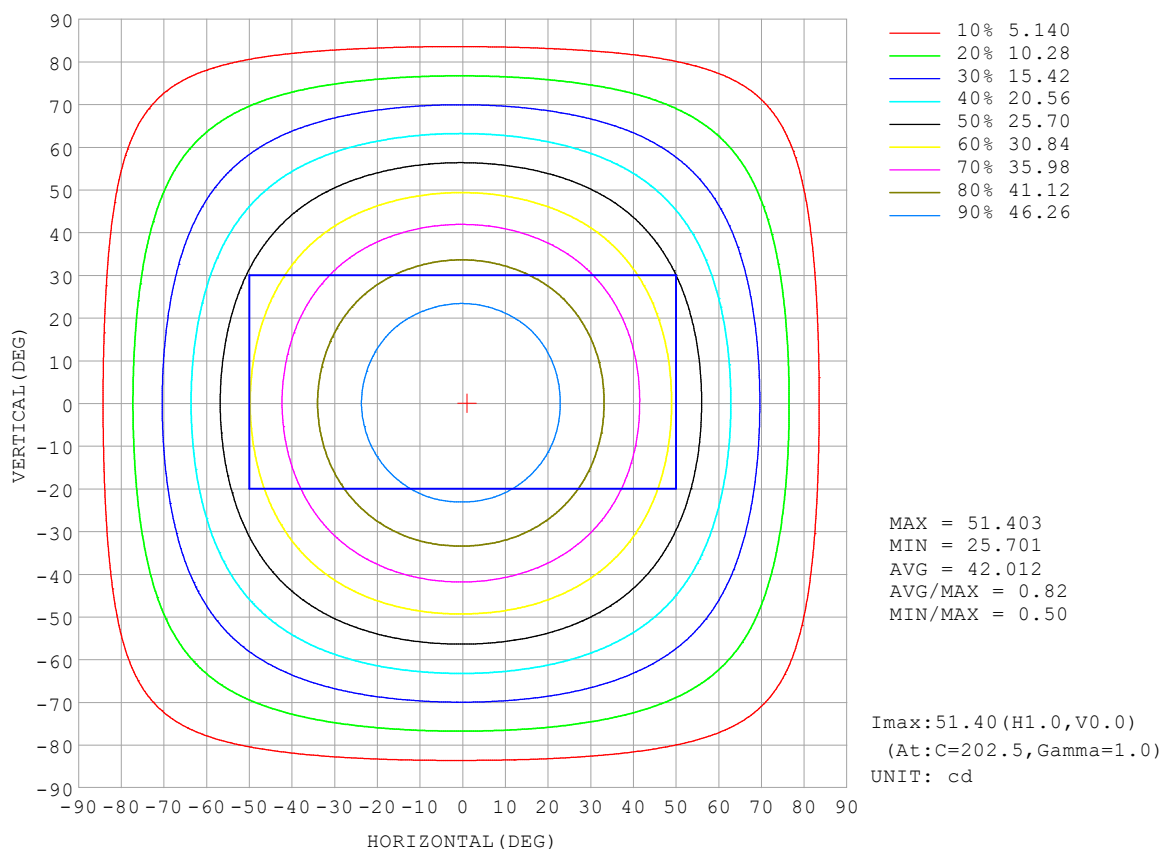
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	53	43	36	30
0.80	65	54	46	64	53	46	62	52	45	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	58
2.00	93	84	77	91	82	76	87	80	74	65
2.50	97	89	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	88	83	73
4.00	104	98	93	102	96	92	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
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: 2024-10-28

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: GREEN

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



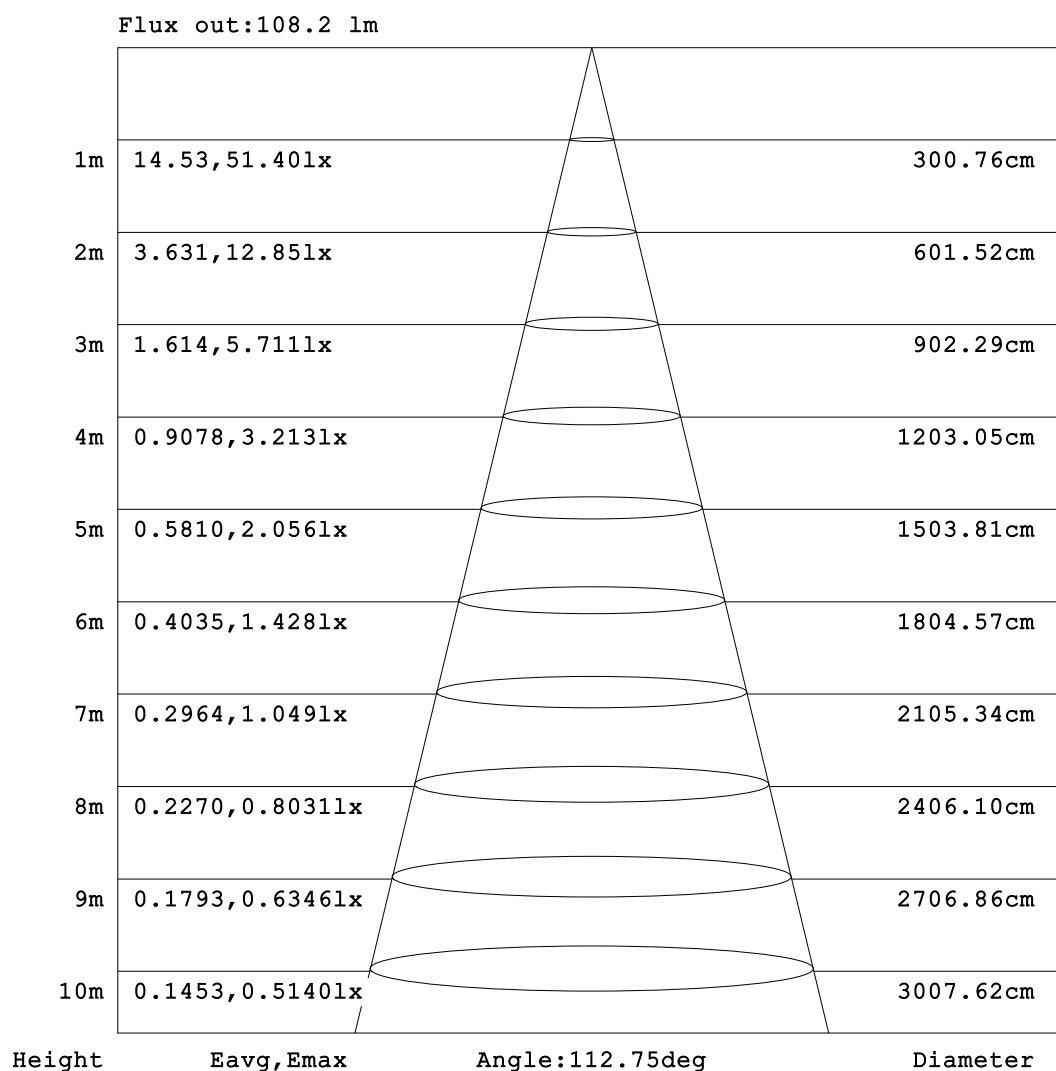
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Cloud  
Test Date: 2024-10-28

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: GREEN



## AAI Figure

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



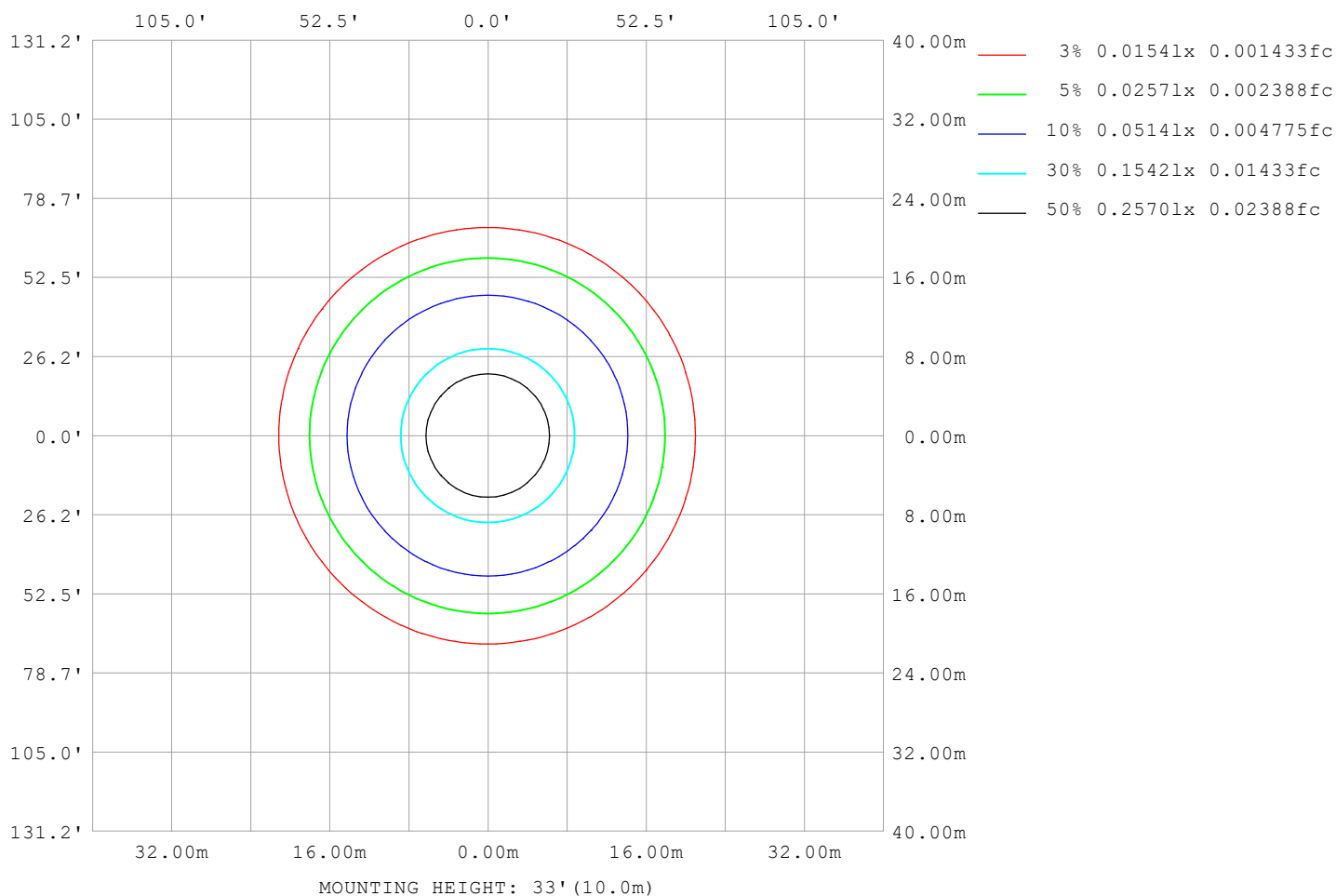
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28

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: GREEN

## ISOLUX DIAGRAM

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-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: 2024-10-28

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: GREEN

## LED Avg.L Report

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm		
NAME: SF16-24V-5050-72-RGBW(4000)-80	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

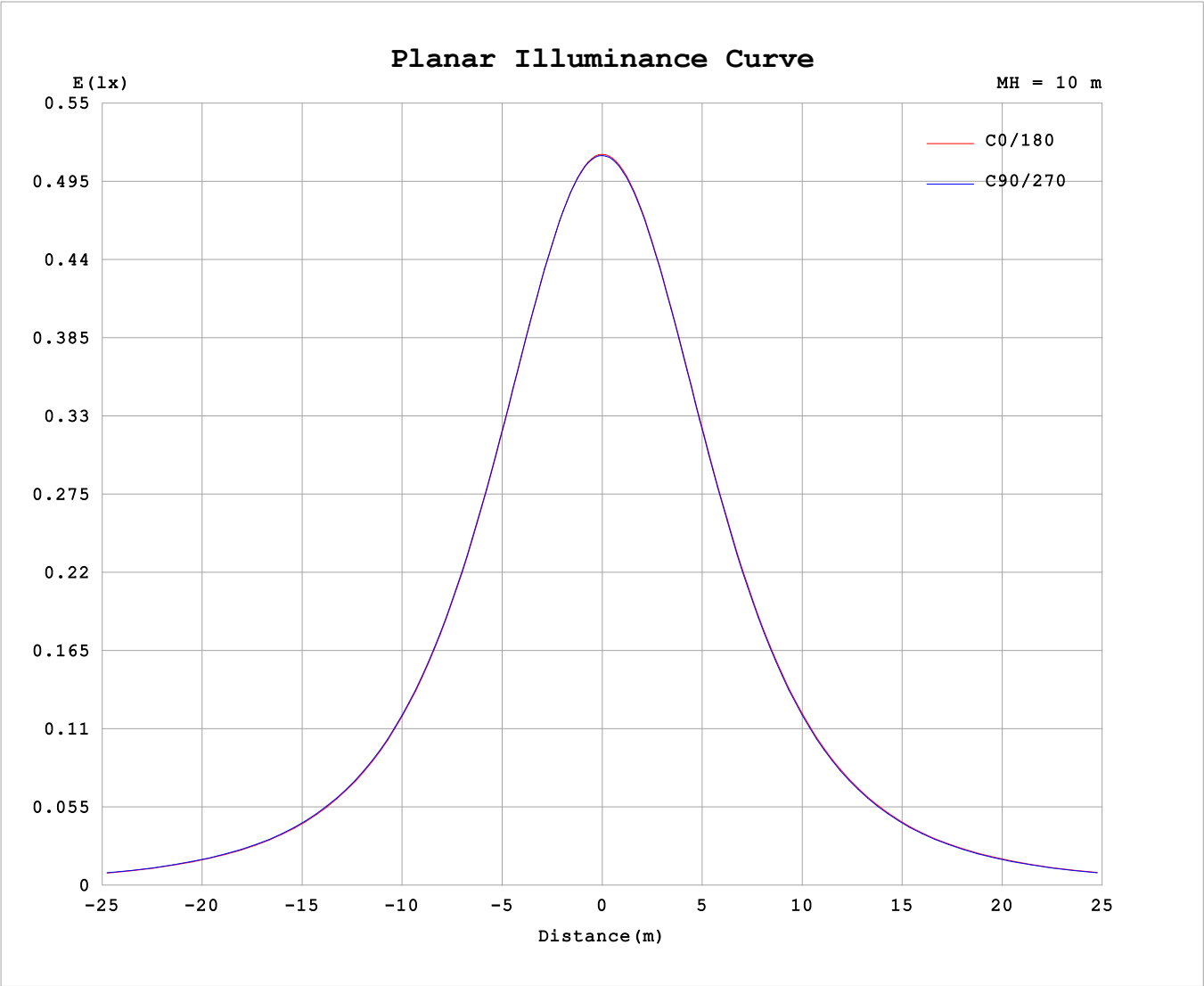
AvgL	cd/m2
L_0~180 (65) av	2673
L_0~180 (75) av	2650
L_0~180 (85) av	2996
L_90~270 (65) av	2674
L_90~270 (75) av	2633
L_90~270 (85) av	2754
L_45 (65) av	2676
L_45 (75) av	2646
L_45 (85) av	2855

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-10-28

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: GREEN

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:2024-10-28	Remarks: GREEN

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.1909A P:4.582W PF:1.000 Freq:0Hz Lamp Flux:156.844x1 lm																	
NAME: SF16-24V-5050-72-RGBW(4000)-80									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

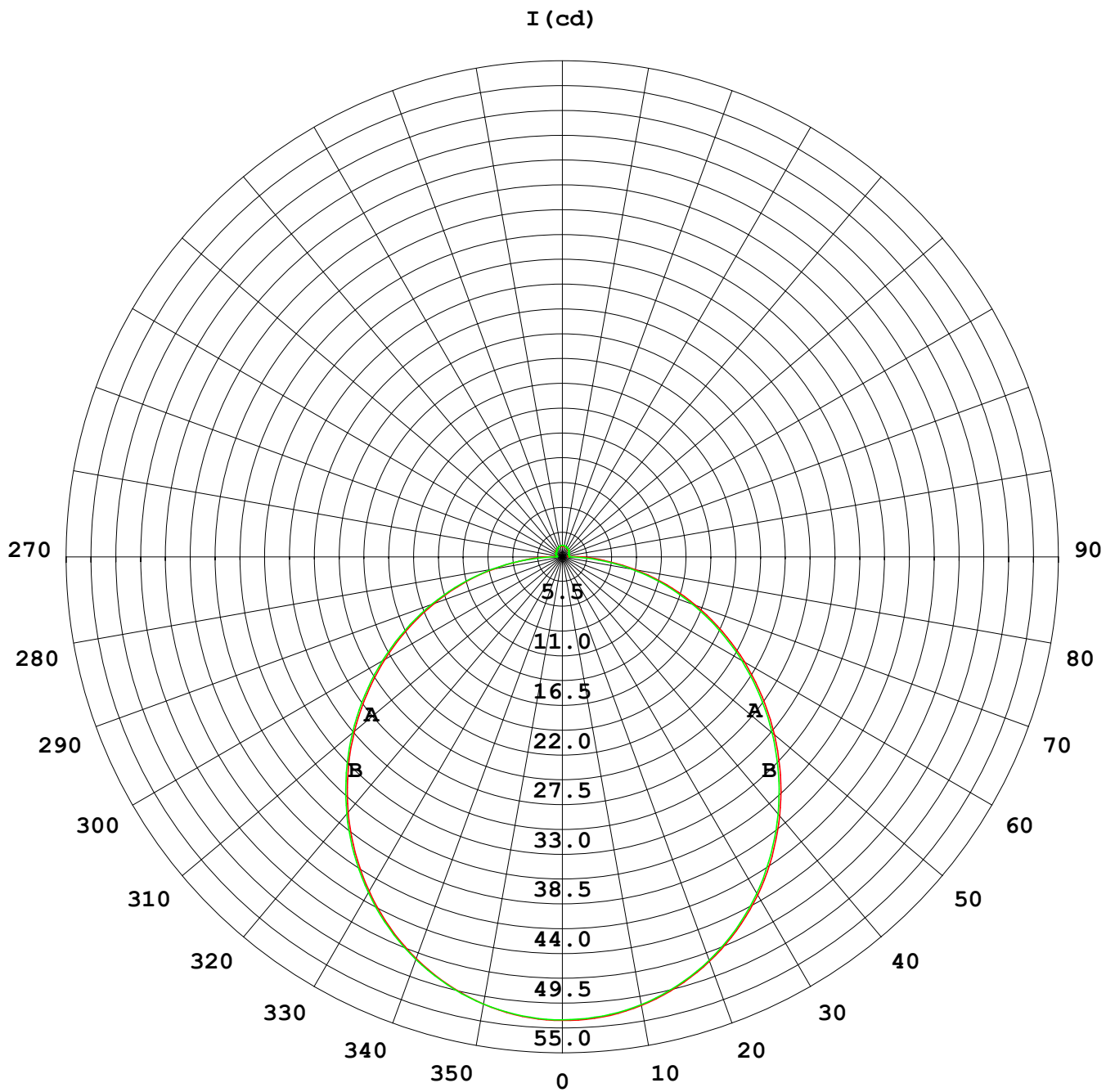
Table--1

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	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3			
5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1			
10	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.4	50.4	50.4	50.4	50.4			
15	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.2	49.2	49.2	49.1			
20	47.3	47.4	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.6	47.6	47.6	47.6	47.5			
25	45.2	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.7	45.6	45.7	45.6	45.6	45.5	45.5	45.4			
30	42.8	42.9	42.9	43.0	43.0	43.1	43.1	43.2	43.3	43.2	43.2	43.1	43.1	43.1	43.1	42.9			
35	40.0	40.1	40.1	40.2	40.2	40.3	40.4	40.4	40.5	40.5	40.4	40.4	40.3	40.3	40.2	40.1			
40	36.9	37.0	37.1	37.1	37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.3	37.2	37.2	37.2	37.1			
45	33.6	33.6	33.7	33.8	33.9	34.0	34.0	34.1	34.2	34.1	34.1	34.0	33.9	33.8	33.8	33.7			
50	30.1	30.1	30.2	30.3	30.4	30.5	30.5	30.6	30.7	30.6	30.6	30.4	30.4	30.3	30.3	30.2			
55	26.4	26.5	26.6	26.7	26.8	26.8	26.9	26.9	27.0	27.0	26.9	26.8	26.7	26.7	26.7	26.6			
60	22.7	22.8	22.8	23.0	23.0	23.1	23.1	23.2	23.3	23.2	23.2	23.0	23.0	22.9	22.9	22.8			
65	18.9	19.0	19.1	19.2	19.3	19.3	19.3	19.4	19.5	19.5	19.4	19.2	19.2	19.1	19.1	19.1			
70	15.1	15.2	15.3	15.4	15.4	15.5	15.5	15.6	15.7	15.7	15.6	15.4	15.4	15.3	15.3	15.3			
75	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.8	12.0	11.9	11.8	11.6	11.6	11.5	11.6	11.5			
80	7.68	7.77	7.80	7.86	7.85	7.92	7.99	8.11	8.22	8.15	8.03	7.85	7.78	7.74	7.82	7.80			
85	4.21	4.22	4.14	4.15	4.13	4.22	4.31	4.52	4.67	4.55	4.33	4.11	4.04	4.02	4.15	4.24			
90	1.92	1.86	1.56	1.14	0.71	1.14	1.59	1.98	2.13	1.99	1.68	1.16	0.79	1.18	1.64	1.88			
95	0.71	0.67	0.66	0.65	0.64	0.66	0.66	0.68	0.66	0.72	0.76	0.79	0.77	0.82	0.80	0.73			
100	0.70	0.71	0.68	0.70	0.68	0.70	0.67	0.70	0.65	0.70	0.79	0.79	0.76	0.82	0.82	0.72			
105	0.75	0.76	0.73	0.74	0.74	0.75	0.72	0.74	0.68	0.73	0.81	0.81	0.75	0.82	0.85	0.75			
110	0.80	0.81	0.78	0.79	0.78	0.80	0.77	0.79	0.72	0.76	0.84	0.83	0.75	0.79	0.85	0.79			
115	0.84	0.86	0.82	0.83	0.81	0.85	0.82	0.85	0.77	0.80	0.87	0.85	0.77	0.77	0.81	0.83			
120	0.89	0.90	0.84	0.87	0.86	0.90	0.87	0.89	0.81	0.83	0.90	0.87	0.81	0.89	0.75	0.84			
125	0.92	0.95	0.87	0.91	0.89	0.94	0.91	0.93	0.85	0.87	0.93	0.90	0.89	0.92	0.79	0.82			
130	0.97	0.98	0.91	0.94	0.92	0.97	0.95	0.98	0.89	0.91	0.96	0.94	0.96	0.96	0.85	0.90			
135	1.01	1.00	0.94	0.98	0.96	1.02	0.99	1.02	0.94	0.94	1.00	0.98	1.01	0.99	0.96	0.96			
140	1.05	1.00	0.98	1.02	1.00	1.06	1.04	1.06	0.98	1.00	1.04	1.02	1.05	1.03	1.05	1.00			
145	1.08	1.04	1.02	1.05	1.03	1.10	1.08	1.10	1.03	1.03	1.08	1.06	1.09	1.07	1.08	1.04			
150	1.12	1.07	1.05	1.10	1.11	1.14	1.12	1.14	1.08	1.07	1.12	1.10	1.12	1.10	1.12	1.08			
155	1.15	1.11	1.09	1.17	1.15	1.18	1.16	1.19	1.12	1.11	1.16	1.13	1.16	1.14	1.16	1.13			
160	1.19	1.15	1.18	1.21	1.19	1.22	1.20	1.22	1.16	1.16	1.19	1.18	1.20	1.17	1.20	1.17			
165	1.22	1.18	1.21	1.24	1.23	1.25	1.23	1.25	1.19	1.19	1.23	1.22	1.24	1.21	1.23	1.21			
170	1.21	1.24	1.24	1.27	1.25	1.28	1.26	1.28	1.20	1.23	1.26	1.25	1.27	1.24	1.26	1.24			
175	1.21	1.28	1.26	1.29	1.28	1.29	1.28	1.29	1.22	1.25	1.28	1.27	1.30	1.27	1.28	1.26			
180	1.22	1.28	1.28	1.29	1.29	1.29	1.28	1.29	1.22	1.27	1.28	1.28	1.30	1.29	1.29	1.28			

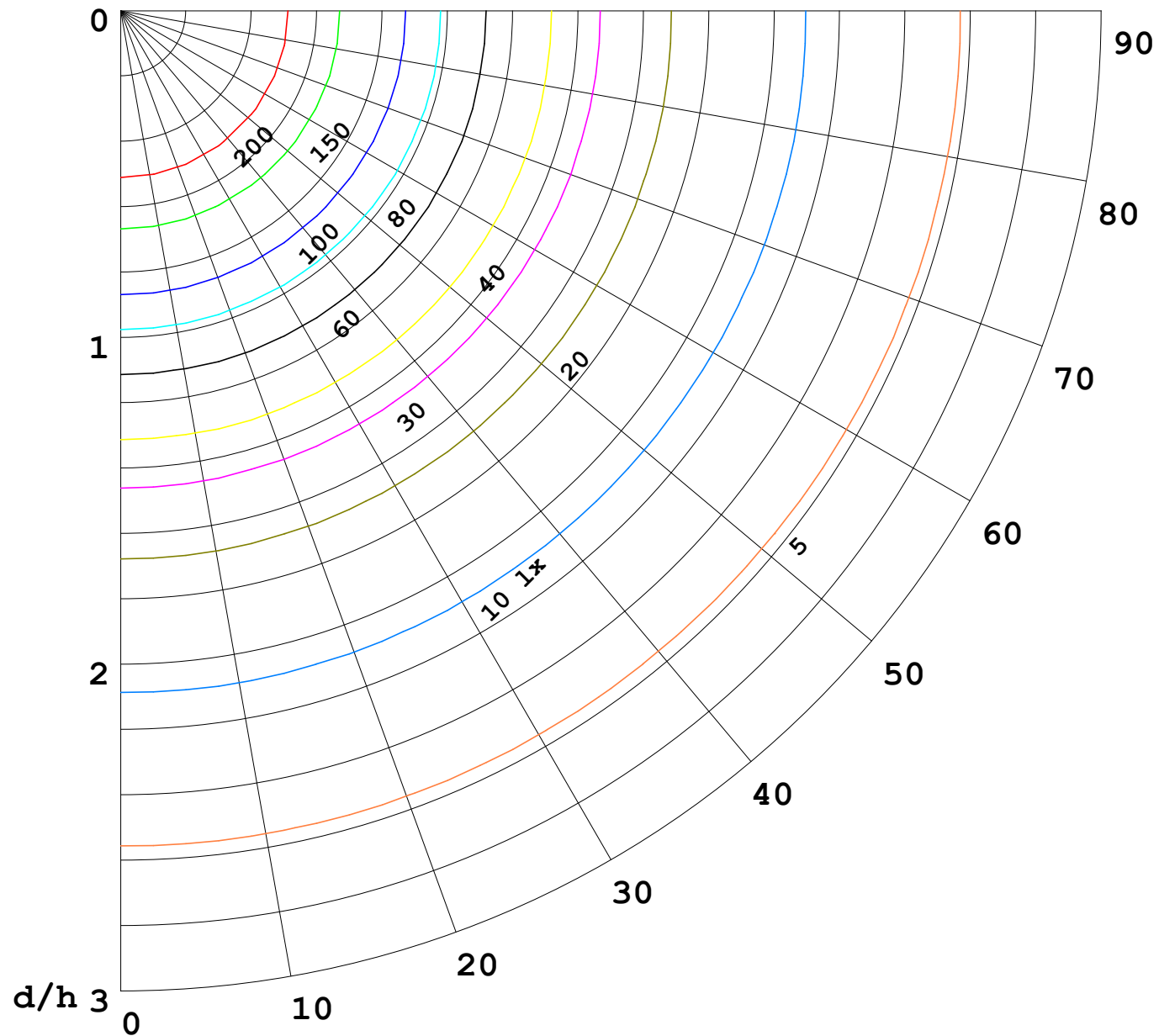
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γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks: GREEN



1000 lm

$\kappa = 1$



F = 1000 lm  
 K = 0.7  
 Hcc = 0.8 m  
 Hfc = 0.0 m  
 Eave = 100 lx

	Pcc	Pw	Pfc
————	70	50	30
————	50	30	20

