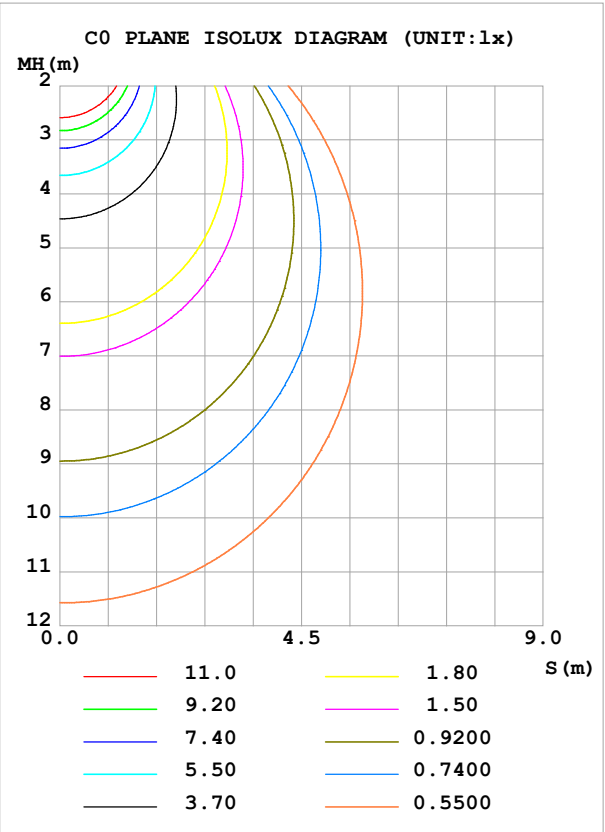
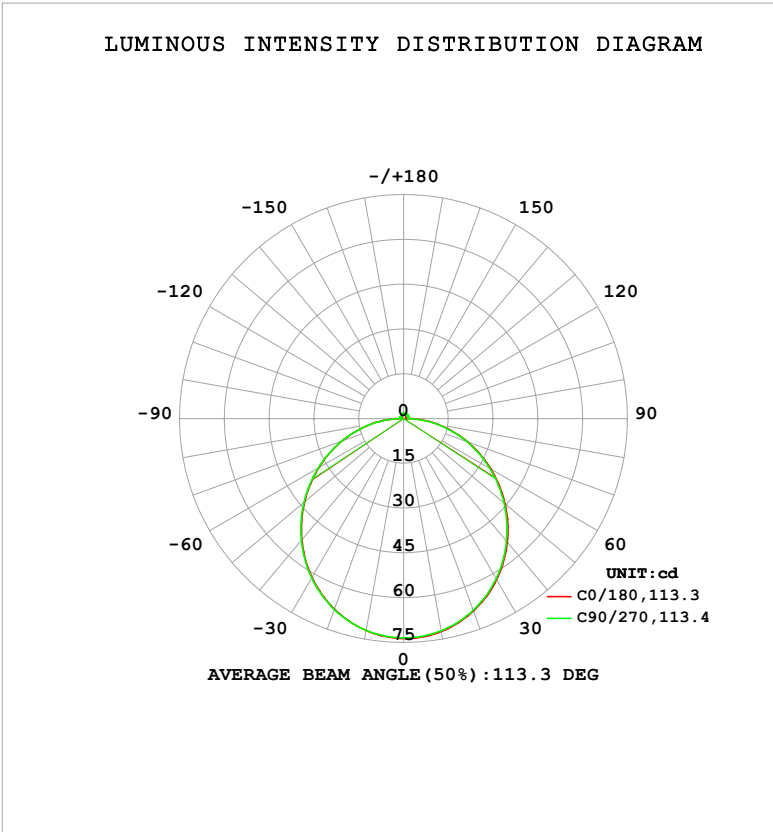


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 17.46 lm/W
MODEL		I <sub>max</sub> (cd)	73.66	S/MH(C0/180)	1.24	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	226.40	η UP,DN(C0-180)	2.0,48.3	
NOMINAL FLUX(lm)	226.399	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,47.9	
LAMPS INSIDE	1	η up (%)	3.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down (%)	96.2	CIBSE SHR MAX	1.35	



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:2024-11-25	Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	72.45	72.42	72.20	71.94	72.09	71.96	72.06	72.24	0- 10	6.952	6.952	3.07,3.07
20	68.56	68.63	68.28	67.85	67.91	67.85	68.05	68.41	10- 20	19.89	26.84	11.9,11.9
30	62.33	62.43	61.99	61.43	61.42	61.37	61.63	62.14	20- 30	30.08	56.92	25.1,25.1
40	54.09	54.21	53.66	53.05	53.04	53.02	53.29	53.94	30- 40	36.22	93.14	41.1,41.1
50	44.40	44.55	43.93	43.29	43.26	43.26	43.55	44.29	40- 50	37.66	130.8	57.8,57.8
60	33.80	33.99	33.34	32.73	32.73	32.73	32.98	33.77	50- 60	34.51	165.3	73,73
70	22.86	23.08	22.46	21.92	21.95	21.90	22.07	22.88	60- 70	27.55	192.9	85.2,85.2
80	12.00	12.21	11.65	11.28	11.33	11.21	11.19	12.00	70- 80	17.93	210.8	93.1,93.1
90	2.388	2.293	1.508	1.966	2.171	1.869	1.120	2.101	80- 90	6.973	217.8	96.2,96.2
100	0.9900	1.244	1.509	1.253	0.9064	1.175	1.094	0.9267	90-100	1.348	219.1	96.8,96.8
110	1.094	1.336	1.584	1.359	1.022	1.238	1.178	1.198	100-110	1.271	220.4	97.3,97.3
120	1.218	1.408	1.619	1.443	1.134	1.308	1.284	1.267	110-120	1.285	221.7	97.9,97.9
130	1.325	1.469	1.639	1.515	1.259	1.388	1.374	1.345	120-130	1.232	222.9	98.5,98.5
140	1.434	1.533	1.662	1.576	1.380	1.484	1.475	1.440	130-140	1.125	224.0	99,99
150	1.547	1.587	1.694	1.639	1.507	1.582	1.582	1.533	140-150	0.9644	225.0	99.4,99.4
160	1.651	1.662	1.726	1.697	1.625	1.683	1.691	1.645	150-160	0.7516	225.7	99.7,99.7
170	1.706	1.732	1.755	1.746	1.709	1.772	1.778	1.746	160-170	0.4836	226.2	99.9,99.9
180	1.758	1.801	1.807	1.792	1.755	1.807	1.807	1.804	170-180	0.1688	226.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 112.09 lm

%lum = 49.5%

%lamp = 49.5%

Conical surface Flux(130deg): 180.16 lm

%lum = 79.6%

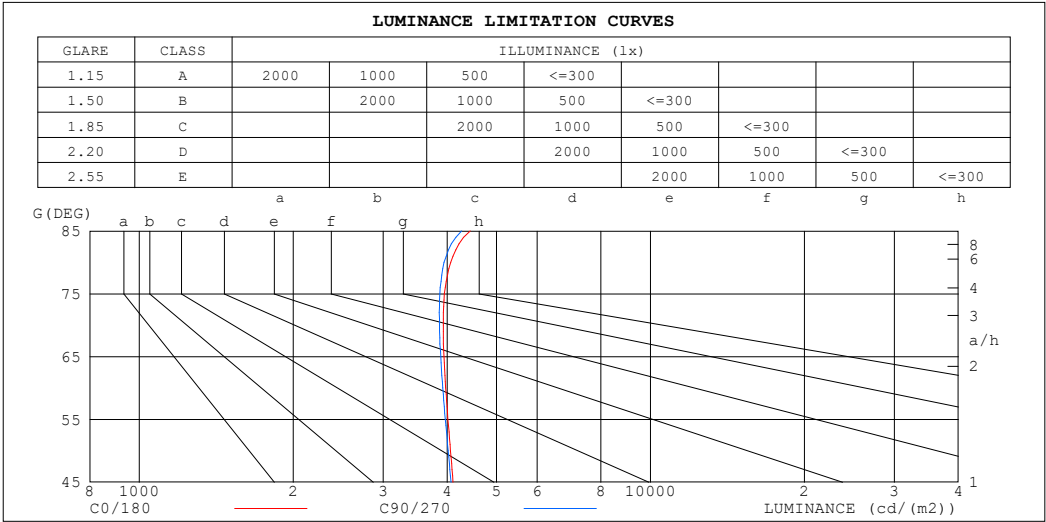
%lamp = 79.6%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Cloud  
 Test Date:2024-11-25

$\gamma$  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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



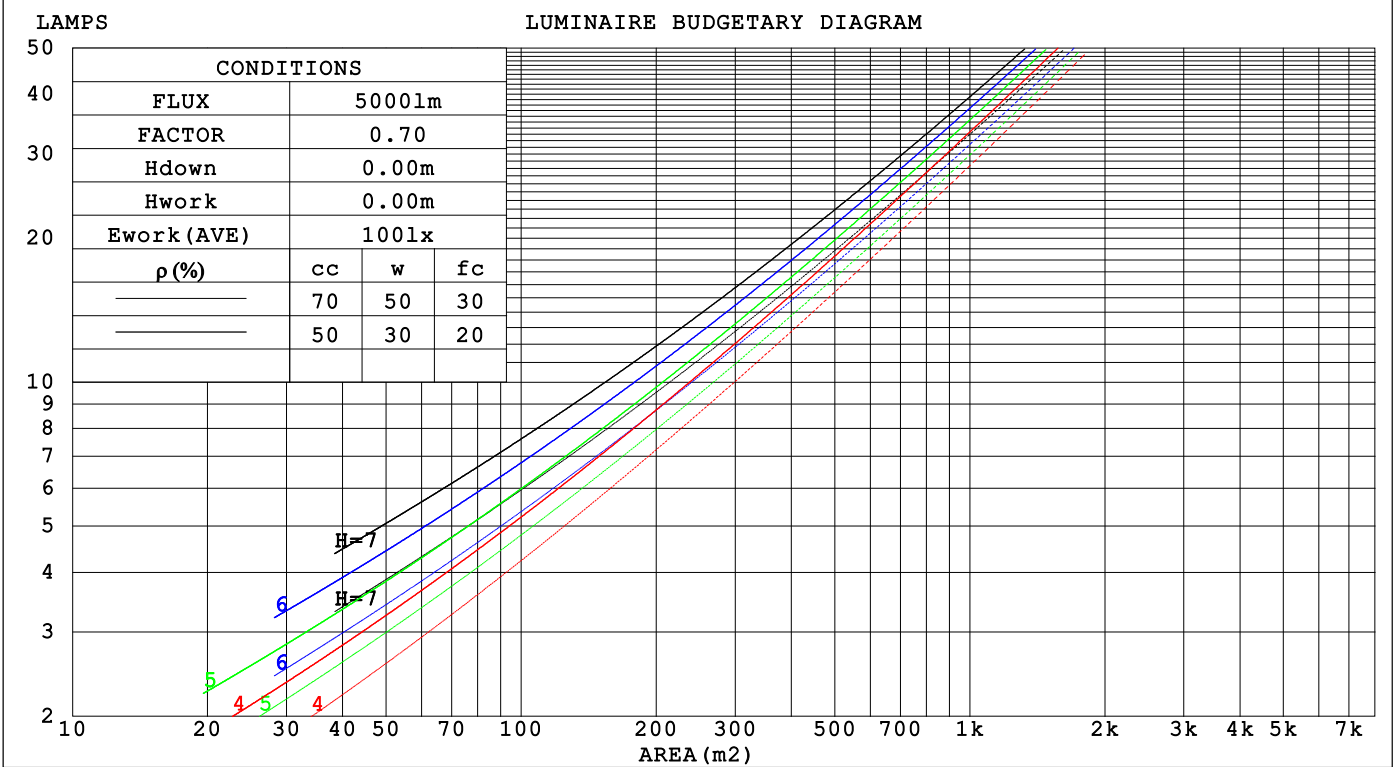
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4439	4273
80	4064	3946
75	3953	3872
70	3931	3863
65	3944	3886
60	3976	3923
55	4016	3969
50	4063	4020
45	4108	4070

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:2024-11-25	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz		
Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.86	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.67	.65
3.0	.77	.69	.62	.76	.68	.61	.72	.65	.60	.69	.63	.58	.66	.61	.57	.54
4.0	.68	.59	.53	.67	.58	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.51	.44	.38	.49	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31
8.0	.45	.37	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27
9.0	.42	.33	.28	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.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:2024-11-25

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:

## WEC AND CCEC

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	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	.328	.186	.059	.319	.182	.058	.304	.174	.056	.290	.167	.054	.276	.160	.052															
2.0	.302	.166	.051	.295	.162	.050	.281	.156	.049	.268	.150	.047	.256	.145	.046															
3.0	.277	.147	.044	.270	.145	.044	.258	.140	.042	.246	.135	.041	.236	.131	.040															
4.0	.254	.132	.039	.248	.130	.038	.237	.126	.038	.227	.122	.037	.217	.118	.036															
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.201	.107	.032															
6.0	.216	.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	.085	.024	.171	.084	.023	.165	.082	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.211	.185	.162	.180	.159	.140	.123	.109	.097	.071	.063	.056	.023	.020	.018	
2.0	.203	.161	.126	.174	.139	.109	.119	.096	.076	.069	.056	.045	.022	.018	.015	
3.0	.195	.144	.103	.168	.124	.089	.115	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.188	.131	.087	.161	.113	.076	.111	.079	.053	.064	.046	.032	.021	.015	.010	
5.0	.180	.121	.077	.155	.104	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
6.0	.173	.112	.069	.149	.097	.060	.103	.068	.042	.059	.040	.025	.019	.013	.008	
7.0	.166	.105	.063	.143	.091	.055	.099	.064	.039	.057	.038	.023	.019	.012	.008	
8.0	.159	.100	.059	.137	.086	.051	.095	.061	.036	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.055	.132	.082	.048	.092	.058	.034	.053	.034	.020	.017	.011	.007	
10.0	.148	.091	.053	.127	.079	.046	.088	.055	.033	.051	.033	.019	.017	.011	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

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:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm											
NAME: SF16-24V-5050-72-RGB					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	2H	22.7	24.2	23.0	24.5	24.8	22.7	24.1	23.0	24.4	24.7
	3H	24.4	25.8	24.8	26.1	26.4	24.4	25.7	24.7	26.0	26.4
	4H	25.2	26.5	25.6	26.8	27.2	25.1	26.4	25.5	26.8	27.1
	6H	25.9	27.1	26.3	27.4	27.8	25.8	27.0	26.2	27.4	27.7
	8H	26.1	27.3	26.5	27.7	28.1	26.0	27.2	26.4	27.6	28.0
	12H	26.4	27.5	26.8	27.9	28.3	26.3	27.4	26.7	27.8	28.2
4H	2H	23.4	24.7	23.7	25.0	25.3	23.3	24.6	23.7	25.0	25.3
	3H	25.3	26.4	25.7	26.8	27.2	25.2	26.4	25.6	26.7	27.1
	4H	26.2	27.3	26.6	27.7	28.1	26.1	27.2	26.6	27.6	28.0
	6H	27.0	28.0	27.5	28.4	28.8	27.0	27.9	27.4	28.3	28.8
	8H	27.4	28.3	27.9	28.7	29.2	27.3	28.2	27.8	28.6	29.1
	12H	27.7	28.5	28.2	28.9	29.4	27.6	28.4	28.1	28.8	29.3
8H	4H	26.6	27.4	27.0	27.9	28.3	26.5	27.4	27.0	27.8	28.3
	6H	27.6	28.3	28.1	28.8	29.3	27.5	28.2	28.0	28.7	29.2
	8H	28.1	28.7	28.6	29.2	29.7	28.0	28.6	28.5	29.1	29.7
	12H	28.5	29.0	29.0	29.6	30.1	28.4	29.0	28.9	29.5	30.0
12H	4H	26.6	27.4	27.1	27.9	28.3	26.5	27.4	27.0	27.8	28.3
	6H	27.7	28.3	28.2	28.8	29.4	27.6	28.3	28.1	28.8	29.3
	8H	28.2	28.8	28.8	29.3	29.9	28.2	28.7	28.7	29.2	29.8
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, 226.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.2)  
Area: 0.017 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

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:

## UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

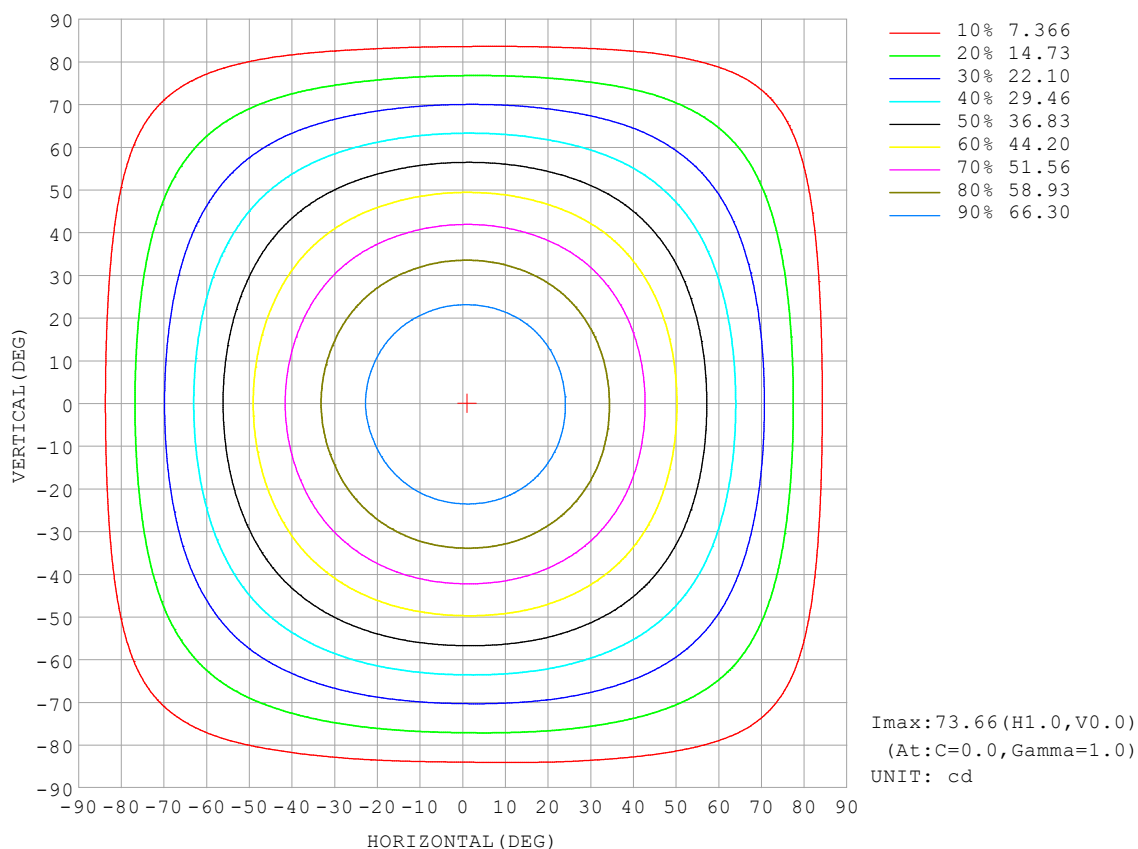
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	53	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	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	86	93	87	83	73
4.00	104	98	93	102	96	91	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: 2024-11-25

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:

## ISOCANDELA DIAGRAM

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



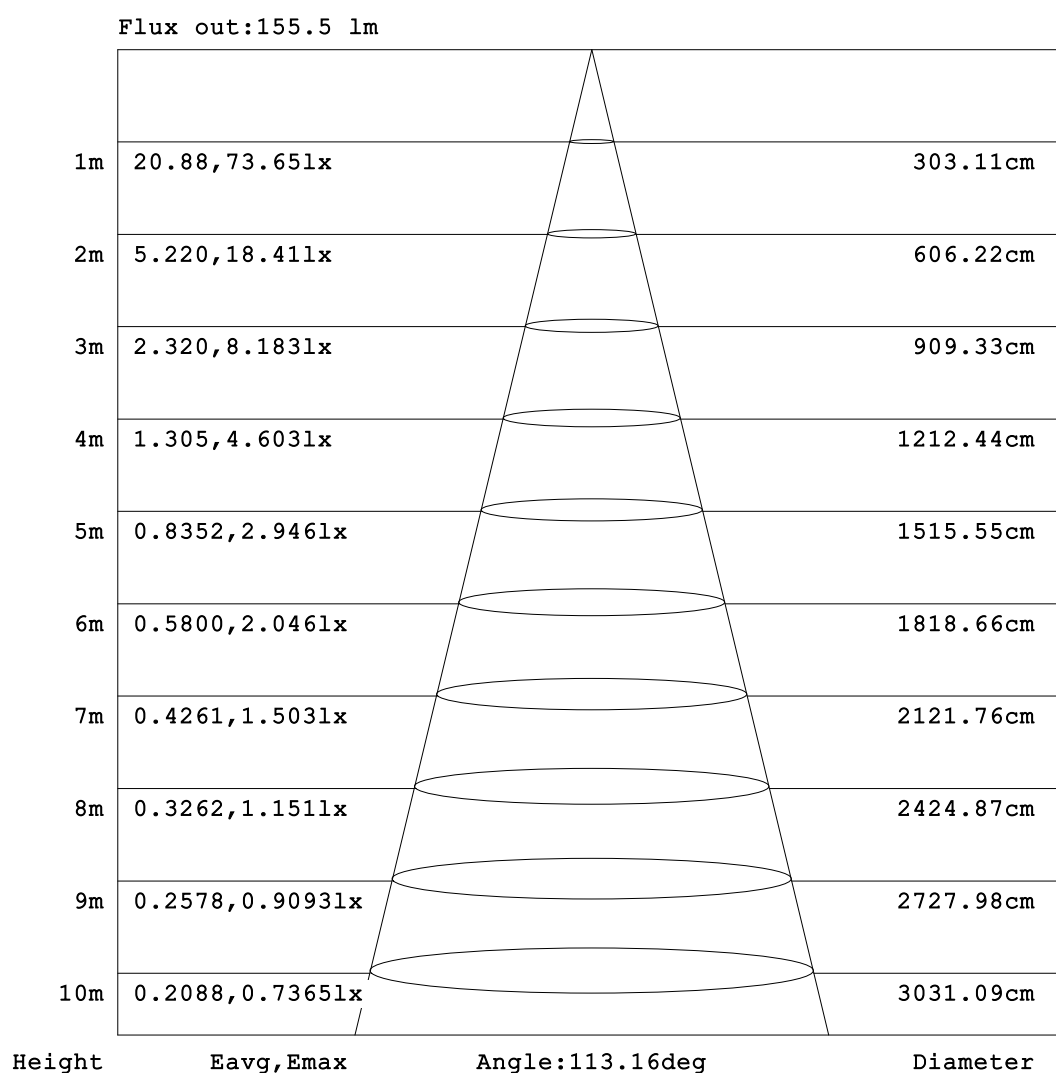
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

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:



## AAI Figure

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



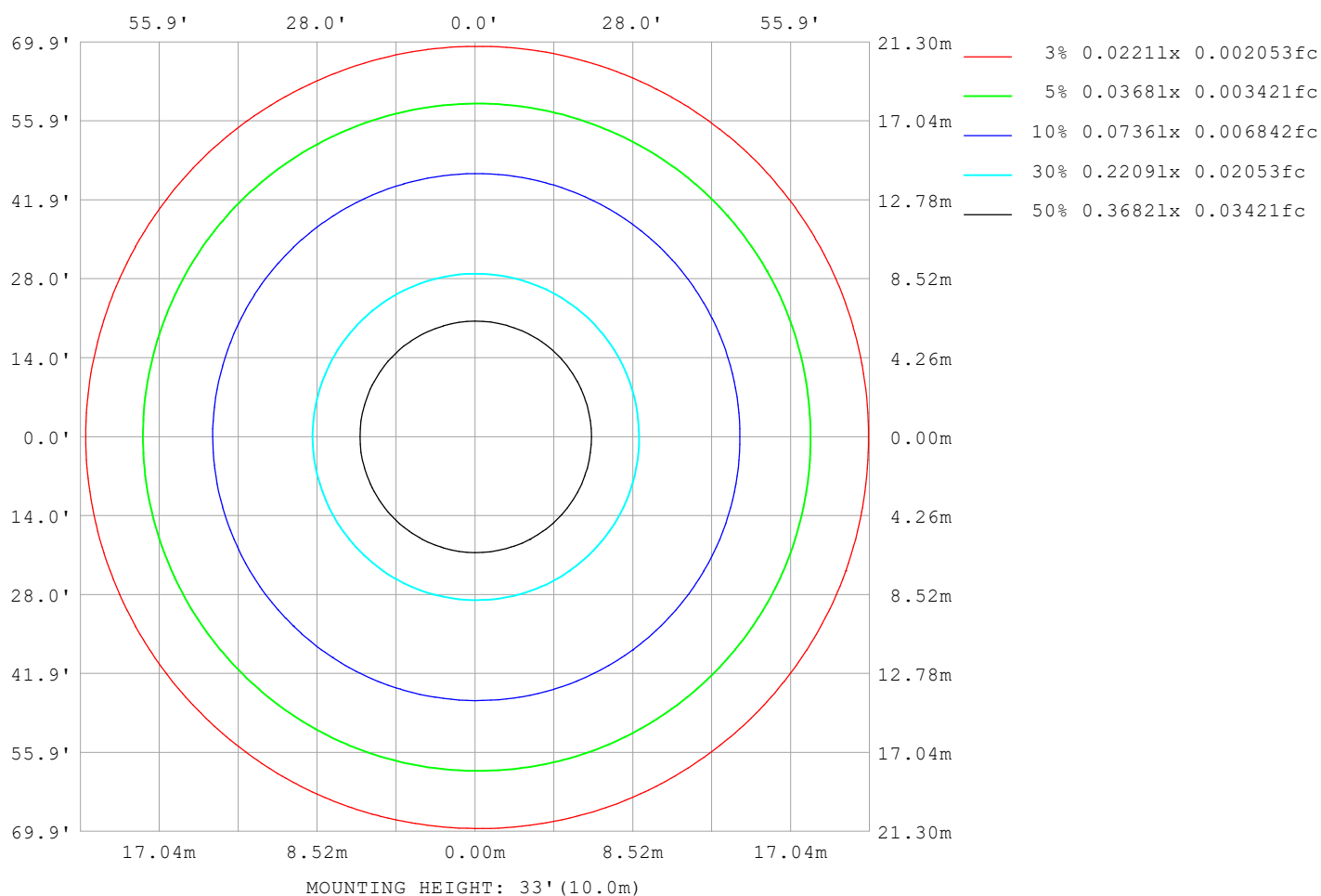
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

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:

## ISOLUX DIAGRAM

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	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: 2024-11-25

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:

## LED Avg.L Report

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm		
NAME: SF16-24V-5050-72-RGB	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

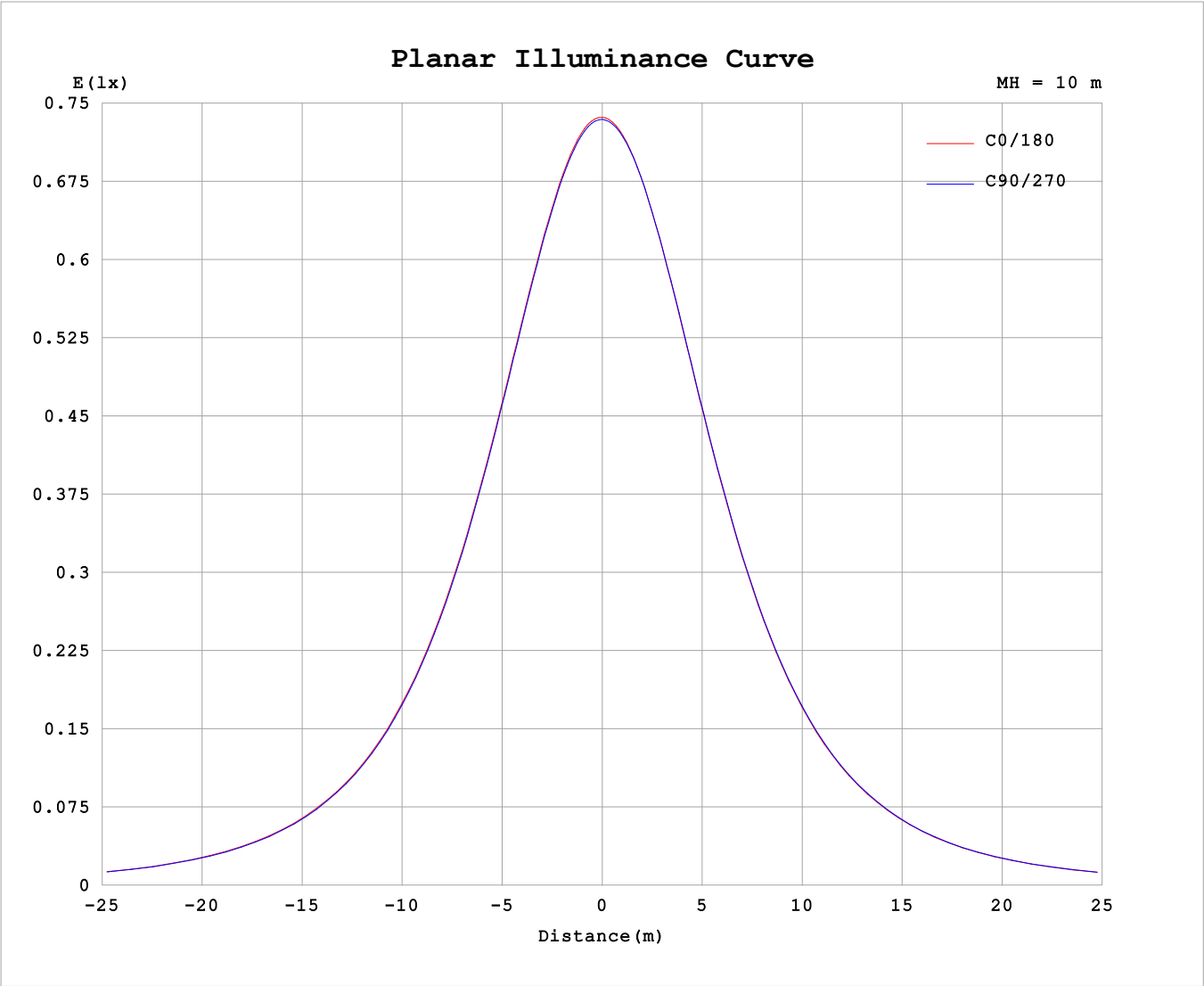
AvgL	cd/m2
L_0~180 (65) av	3874
L_0~180 (75) av	3866
L_0~180 (85) av	4250
L_90~270 (65) av	3859
L_90~270 (75) av	3824
L_90~270 (85) av	4089
L_45 (65) av	3882
L_45 (75) av	3871
L_45 (85) av	4269

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

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:

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:2024-11-25	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.5402A P:12.96W PF:1.000 Freq:0Hz Lamp Flux:226.399x1 lm																	
NAME: SF16-24V-5050-72-RGB									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

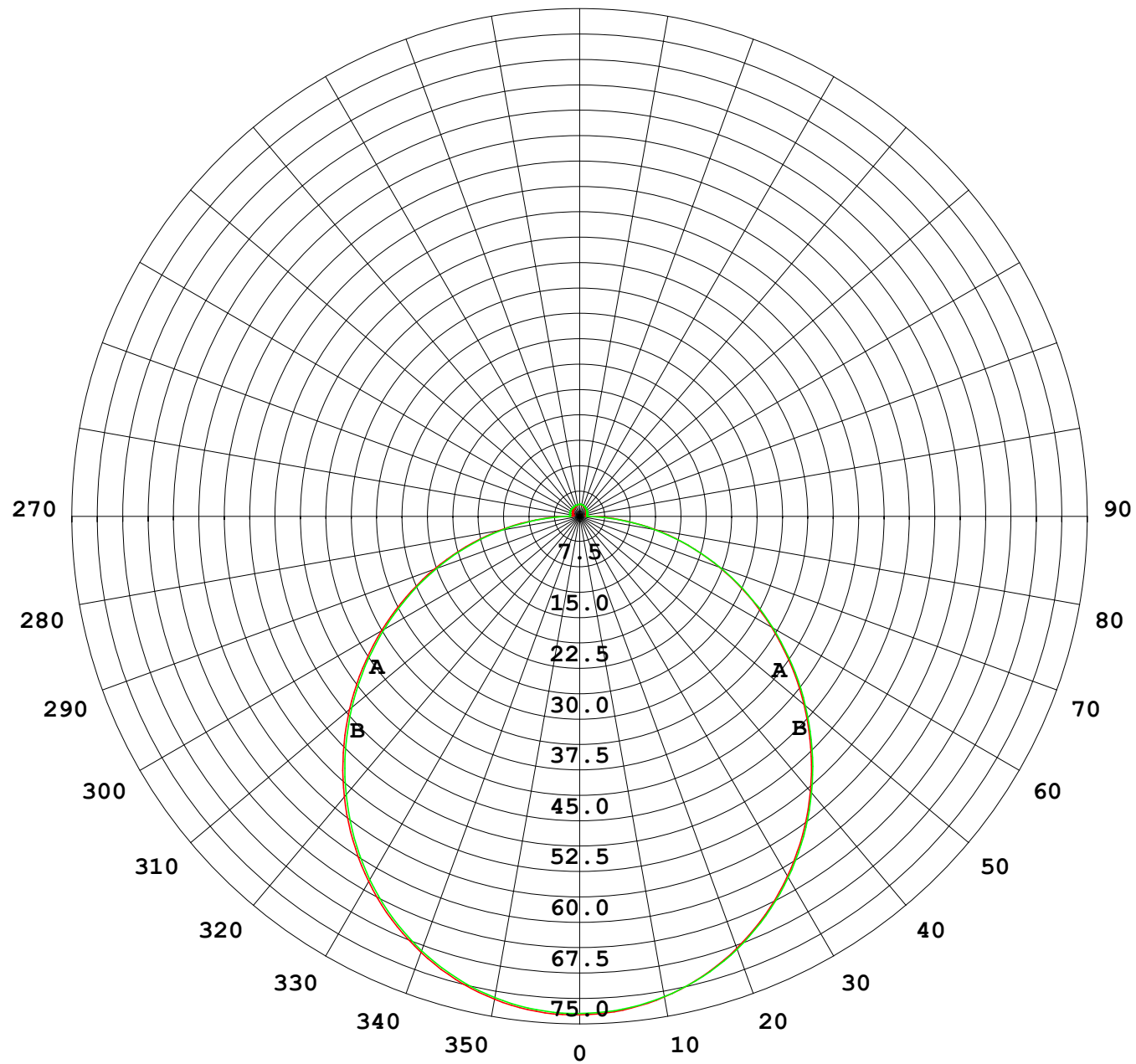
UNIT: cd

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	73.6	73.6	73.5	73.5	73.4	73.4	73.4	73.4	73.5	73.6	73.6	73.5	73.5	73.4	73.4	73.4	73.5			
5	73.4	73.4	73.3	73.2	73.2	73.1	73.0	73.0	73.2	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3			
10	72.4	72.5	72.4	72.3	72.2	72.1	71.9	71.9	72.1	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.3			
15	70.8	70.9	70.9	70.8	70.6	70.4	70.2	70.1	70.3	70.2	70.2	70.2	70.2	70.4	70.5	70.7	70.7			
20	68.6	68.7	68.6	68.5	68.3	68.1	67.8	67.8	67.9	67.8	67.8	67.9	68.1	68.2	68.4	68.5				
25	65.7	65.8	65.8	65.7	65.4	65.2	64.9	64.8	64.9	64.8	64.9	64.9	65.1	65.3	65.5	65.6				
30	62.3	62.5	62.4	62.3	62.0	61.7	61.4	61.3	61.4	61.3	61.4	61.4	61.6	61.9	62.1	62.3				
35	58.4	58.6	58.5	58.4	58.0	57.8	57.4	57.3	57.4	57.4	57.4	57.5	57.7	57.9	58.3	58.4				
40	54.1	54.3	54.2	54.1	53.7	53.4	53.1	52.9	53.0	52.9	53.0	53.1	53.3	53.6	53.9	54.1				
45	49.4	49.6	49.5	49.4	48.9	48.7	48.3	48.1	48.3	48.2	48.3	48.3	48.6	48.8	49.3	49.4				
50	44.4	44.6	44.5	44.4	43.9	43.7	43.3	43.1	43.3	43.2	43.3	43.3	43.6	43.8	44.3	44.4				
55	39.2	39.4	39.3	39.2	38.7	38.4	38.1	37.9	38.0	37.9	38.0	38.1	38.3	38.6	39.1	39.2				
60	33.8	34.1	34.0	33.8	33.3	33.1	32.7	32.6	32.7	32.6	32.7	32.7	33.0	33.3	33.8	33.9				
65	28.3	28.6	28.6	28.4	27.9	27.7	27.3	27.2	27.3	27.2	27.3	27.3	27.5	27.9	28.3	28.5				
70	22.9	23.1	23.1	22.9	22.5	22.3	21.9	21.8	21.9	21.8	21.9	21.9	22.1	22.4	22.9	23.0				
75	17.4	17.7	17.6	17.5	17.0	16.9	16.6	16.5	16.6	16.5	16.5	16.4	16.6	17.0	17.4	17.5				
80	12.0	12.3	12.2	12.1	11.6	11.5	11.3	11.2	11.3	11.2	11.2	11.0	11.2	11.5	12.0	12.1				
85	6.58	6.84	6.84	6.77	6.33	6.30	5.96	5.89	6.02	5.87	5.87	5.72	5.78	6.12	6.62	6.71				
90	2.39	2.45	2.29	1.98	1.51	1.83	1.97	2.11	2.17	2.05	1.87	1.46	1.12	1.49	2.10	2.31				
95	1.01	1.06	1.24	1.41	1.46	1.42	1.23	1.05	0.89	1.02	1.15	1.20	1.09	0.95	0.95	0.89				
100	0.99	1.07	1.24	1.45	1.51	1.47	1.25	1.08	0.91	1.01	1.17	1.20	1.09	0.94	0.93	0.98				
105	1.03	1.13	1.29	1.50	1.55	1.52	1.30	1.14	0.96	1.05	1.21	1.22	1.13	1.07	1.12	1.02				
110	1.09	1.18	1.34	1.53	1.58	1.55	1.36	1.20	1.02	1.09	1.24	1.24	1.18	1.17	1.20	1.07				
115	1.15	1.23	1.37	1.55	1.60	1.58	1.41	1.25	1.07	1.15	1.28	1.27	1.23	1.22	1.23	1.12				
120	1.22	1.29	1.41	1.58	1.62	1.61	1.44	1.31	1.13	1.19	1.31	1.30	1.28	1.25	1.27	1.16				
125	1.27	1.33	1.44	1.60	1.63	1.63	1.48	1.36	1.20	1.24	1.35	1.34	1.33	1.29	1.30	1.21				
130	1.32	1.38	1.47	1.61	1.64	1.64	1.52	1.40	1.26	1.29	1.39	1.38	1.37	1.33	1.34	1.26				
135	1.38	1.43	1.50	1.63	1.65	1.66	1.55	1.45	1.32	1.34	1.43	1.42	1.42	1.38	1.39	1.31				
140	1.43	1.45	1.53	1.64	1.66	1.67	1.58	1.50	1.38	1.40	1.48	1.46	1.47	1.43	1.44	1.37				
145	1.49	1.50	1.56	1.66	1.67	1.69	1.61	1.54	1.44	1.47	1.53	1.51	1.53	1.48	1.48	1.42				
150	1.55	1.54	1.59	1.68	1.69	1.71	1.64	1.59	1.51	1.52	1.58	1.57	1.58	1.54	1.53	1.48				
155	1.60	1.59	1.62	1.71	1.71	1.73	1.67	1.64	1.57	1.58	1.64	1.62	1.64	1.59	1.59	1.54				
160	1.65	1.63	1.66	1.73	1.73	1.75	1.70	1.69	1.62	1.64	1.68	1.67	1.69	1.65	1.65	1.60				
165	1.69	1.69	1.70	1.75	1.74	1.76	1.72	1.73	1.68	1.69	1.73	1.72	1.74	1.69	1.70	1.65				
170	1.71	1.74	1.73	1.76	1.75	1.78	1.75	1.77	1.71	1.73	1.77	1.75	1.78	1.74	1.75	1.71				
175	1.73	1.79	1.77	1.80	1.78	1.80	1.77	1.80	1.75	1.77	1.80	1.79	1.80	1.78	1.78	1.75				
180	1.76	1.80	1.80	1.81	1.81	1.81	1.79	1.80	1.75	1.80	1.81	1.81	1.81	1.80	1.80	1.78				

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Cloud  
Test Date:2024-11-25

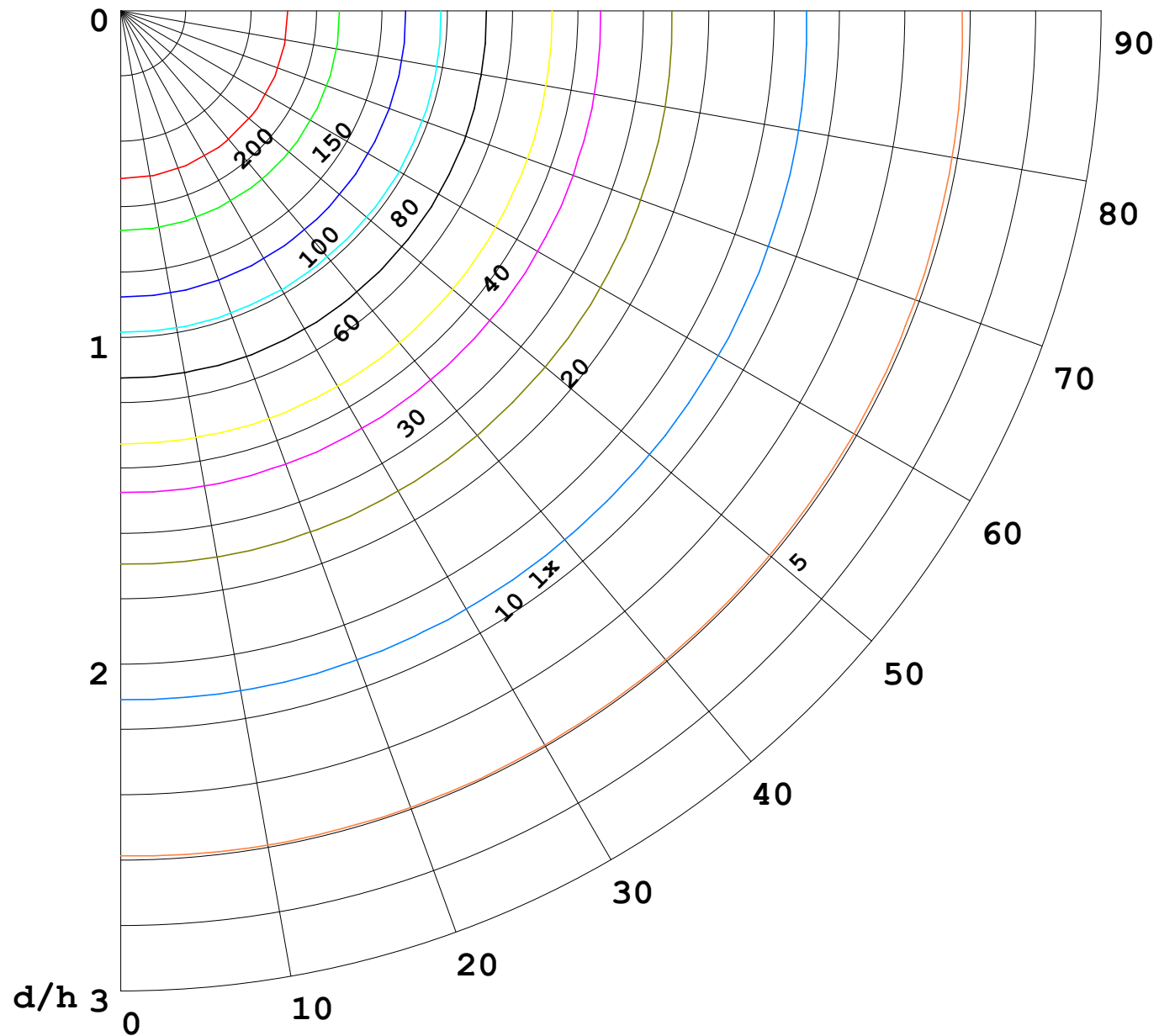
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.488  
Humidity:65.0%  
Test Distance:6.360m [K=1.0000]  
Remarks:

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

