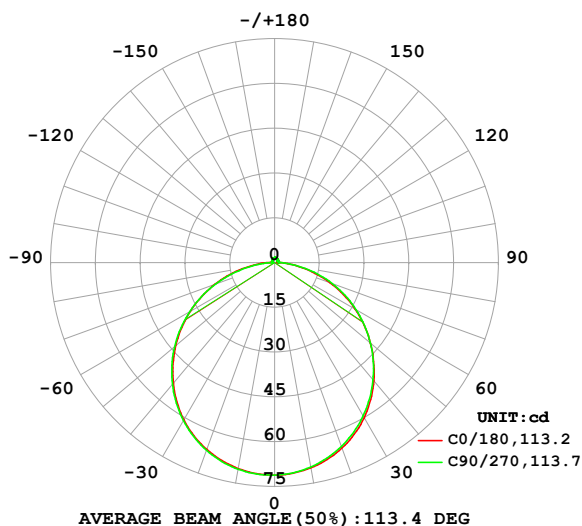


LUMINAIRE PHOTOMETRIC TEST REPORT

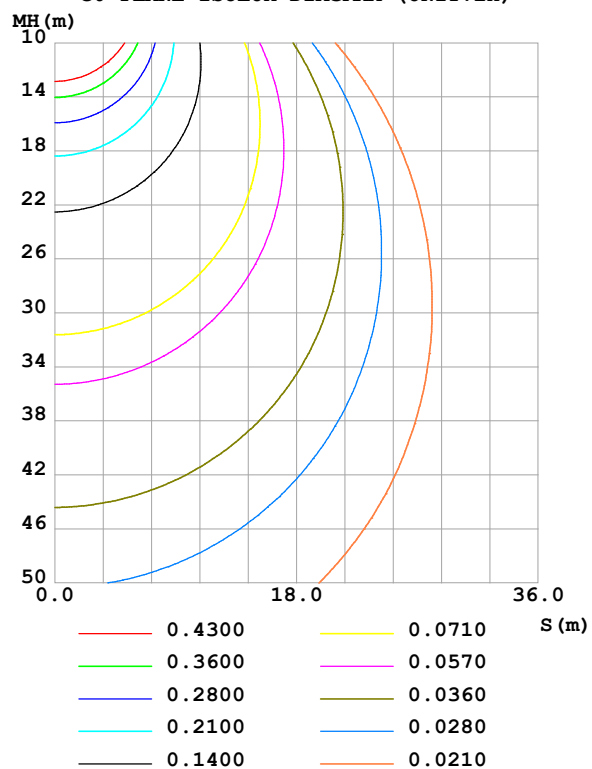
Test:U:24.00V I:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 28.30 lm/W			
MODEL		I _{max} (cd)	71.23	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)		TOTAL FLUX(lm)	216.34	η UP,DN(C0-180)	1.9,47.6
NOMINAL FLUX(lm)	216.344	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,48.7
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:2024-10-19

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	69.84	69.68	69.58	69.69	70.08	70.24	70.29	70.18	0- 10	6.736	6.736	3.11,3.11
20	66.05	65.78	65.54	65.88	66.59	66.93	66.85	66.75	10- 20	19.31	26.05	12,12
30	60.05	59.71	59.34	59.95	60.84	61.27	61.11	60.96	20- 30	29.33	55.37	25.6,25.6
40	51.69	51.65	51.32	52.05	52.80	53.52	53.28	53.06	30- 40	35.44	90.81	42,42
50	41.94	41.98	41.88	42.45	43.25	43.86	43.74	43.29	40- 50	36.86	127.7	59,59
60	31.15	31.35	31.51	31.86	32.58	32.98	32.84	32.32	50- 60	33.58	161.3	74.5,74.5
70	19.78	20.15	20.49	20.66	21.24	21.22	20.95	20.54	60- 70	26.15	187.4	86.6,86.6
80	8.742	9.150	9.324	9.530	10.01	9.526	8.914	8.917	70- 80	15.69	203.1	93.9,93.9
90	1.758	1.833	1.410	2.121	2.468	1.873	0.8743	1.460	80- 90	5.303	208.4	96.3,96.3
100	0.9810	1.197	1.402	1.256	1.016	0.9711	0.9695	0.9246	90-100	1.334	209.7	96.9,96.9
110	1.047	1.223	1.085	1.241	0.9724	1.032	1.111	1.008	100-110	1.141	210.9	97.5,97.5
120	1.166	1.254	1.197	1.293	1.074	1.122	1.197	1.118	110-120	1.125	212.0	98,98
130	1.282	1.301	1.295	1.365	1.184	1.220	1.275	1.227	120-130	1.096	213.1	98.5,98.5
140	1.392	1.387	1.405	1.446	1.302	1.330	1.353	1.339	130-140	1.020	214.1	99,99
150	1.482	1.483	1.529	1.544	1.424	1.457	1.460	1.463	140-150	0.8934	215.0	99.4,99.4
160	1.589	1.607	1.633	1.656	1.560	1.584	1.584	1.587	150-160	0.7118	215.7	99.7,99.7
170	1.678	1.682	1.722	1.728	1.681	1.688	1.699	1.699	160-170	0.4672	216.2	99.9,99.9
180	1.722	1.734	1.760	1.760	1.713	1.734	1.757	1.763	170-180	0.1643	216.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 109.36 lm

%lum = 50.6%

%lamp = 50.6%

Conical surface Flux(130deg): 175.48 lm

%lum = 81.1%

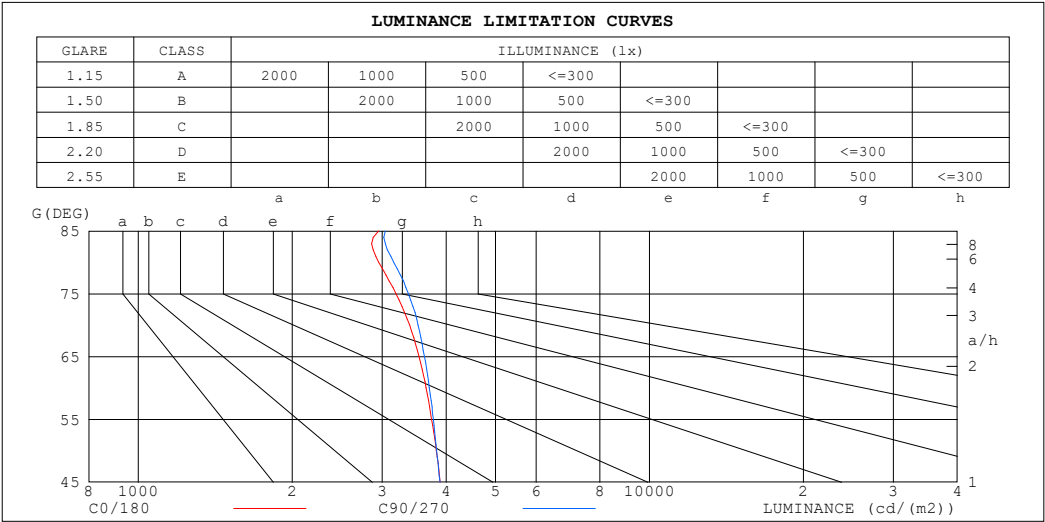
%lamp = 81.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Cloud
 Test Date:2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



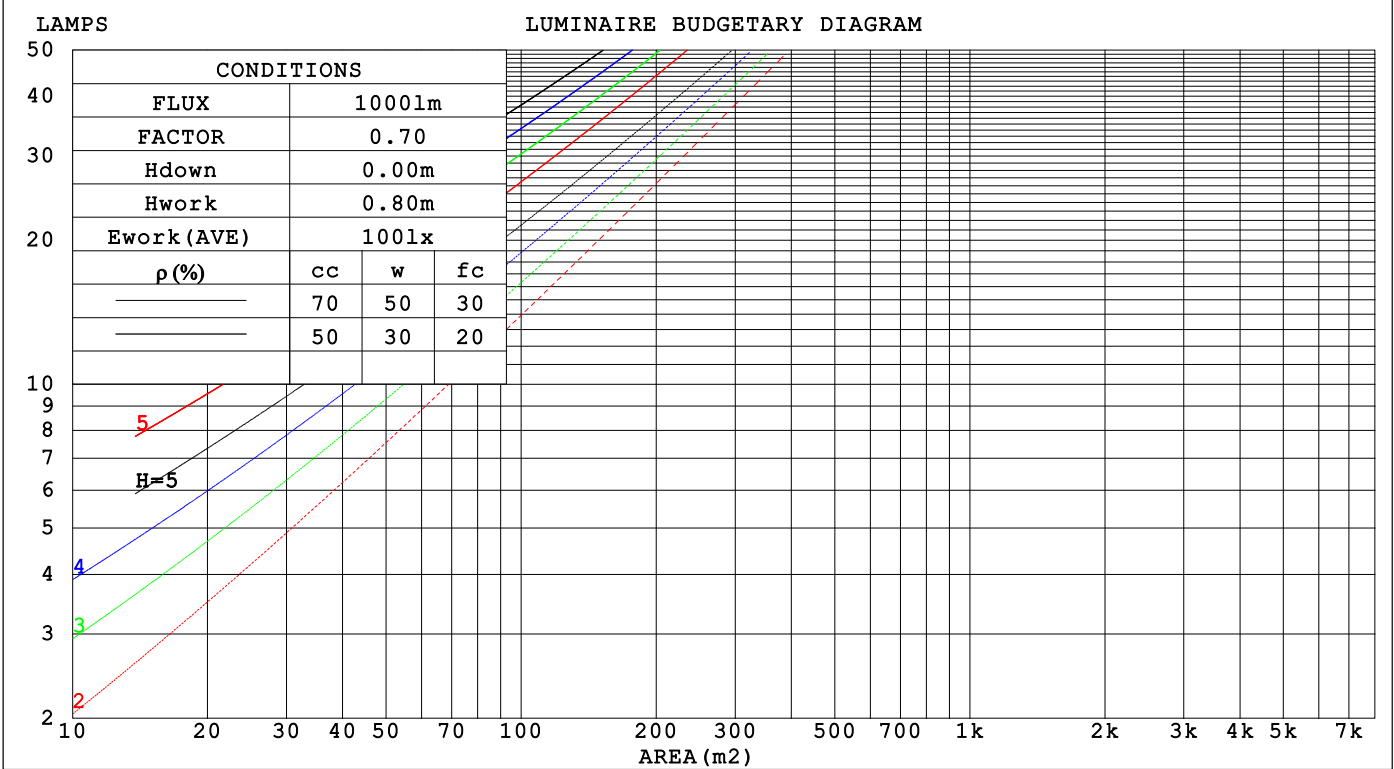
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2953	3044
80	2953	3160
75	3192	3376
70	3393	3525
65	3542	3628
60	3656	3709
55	3748	3777
50	3828	3834
45	3896	3891

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:2024-10-19	Remarks: WHITE

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3185A P:7.644W PF:1.000 Freq:0Hz		
Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	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	1.03	.98	.94	.90	.96	.92	.95	.92	.89	.90	.88	.85	.86	.84	.82	.80														
2.0	.89	.82	.76	.87	.81	.75	.83	.77	.73	.79	.74	.71	.75	.72	.68	.66														
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.69	.64	.59	.66	.62	.58	.55														
4.0	.69	.60	.53	.67	.59	.53	.64	.57	.52	.62	.56	.51	.59	.54	.49	.47														
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.55	.49	.44	.53	.47	.43	.41														
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.35														
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.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:2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	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	.318	.181	.057	.310	.177	.056	.294	.169	.054	.280	.161	.052	.267	.155	.050	
2.0	.296	.162	.050	.289	.159	.049	.275	.153	.047	.262	.147	.046	.251	.142	.045	
3.0	.272	.145	.043	.266	.142	.043	.254	.138	.042	.243	.133	.041	.232	.128	.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	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022	
10.0	.164	.078	.022	.160	.078	.022	.155	.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	.218	.218	.218	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.209	.184	.162	.179	.158	.139	.122	.109	.096	.070	.063	.056	.023	.020	.018	
2.0	.201	.160	.126	.172	.138	.109	.118	.095	.076	.068	.056	.045	.022	.018	.015	
3.0	.194	.143	.103	.166	.123	.089	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.186	.130	.087	.160	.112	.075	.110	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.076	.153	.103	.066	.106	.072	.047	.061	.042	.028	.020	.014	.009	
6.0	.171	.111	.068	.147	.096	.059	.102	.067	.042	.059	.040	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.098	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.158	.099	.058	.136	.085	.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	.087	.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:2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm										
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)					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	24.2	24.5	22.6	24.0	22.9	24.3	24.6
3H	24.1	25.4	24.4	25.7	26.0	24.2	25.5	24.5	25.8	26.1
4H	24.7	26.0	25.1	26.3	26.6	24.8	26.1	25.2	26.5	26.8
6H	25.2	26.4	25.5	26.7	27.1	25.3	26.6	25.7	26.9	27.3
8H	25.3	26.5	25.7	26.9	27.2	25.5	26.7	25.9	27.1	27.4
12H	25.4	26.6	25.8	26.9	27.3	25.6	26.8	26.1	27.1	27.5
4H 2H	23.1	24.4	23.5	24.7	25.1	23.2	24.5	23.5	24.8	25.1
3H	24.9	26.0	25.3	26.4	26.7	25.0	26.1	25.4	26.5	26.8
4H	25.6	26.7	26.1	27.1	27.5	25.8	26.8	26.2	27.2	27.6
6H	26.2	27.2	26.7	27.6	28.0	26.4	27.3	26.9	27.7	28.2
8H	26.5	27.3	26.9	27.7	28.2	26.6	27.5	27.1	27.9	28.4
12H	26.6	27.4	27.1	27.9	28.4	26.8	27.6	27.3	28.1	28.5
8H 4H	25.9	26.8	26.4	27.2	27.7	26.0	26.9	26.5	27.3	27.8
6H	26.7	27.4	27.2	27.9	28.4	26.8	27.6	27.3	28.0	28.5
8H	27.0	27.6	27.5	28.1	28.7	27.2	27.8	27.7	28.3	28.8
12H	27.3	27.8	27.8	28.3	28.9	27.5	28.0	28.0	28.5	29.1
12H 4H	25.9	26.7	26.4	27.2	27.7	26.1	26.8	26.5	27.3	27.8
6H	26.8	27.4	27.3	27.9	28.4	26.9	27.5	27.4	28.0	28.6
8H	27.1	27.7	27.7	28.2	28.7	27.3	27.8	27.8	28.4	28.9
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, 216.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.3)
Area: 0.017 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

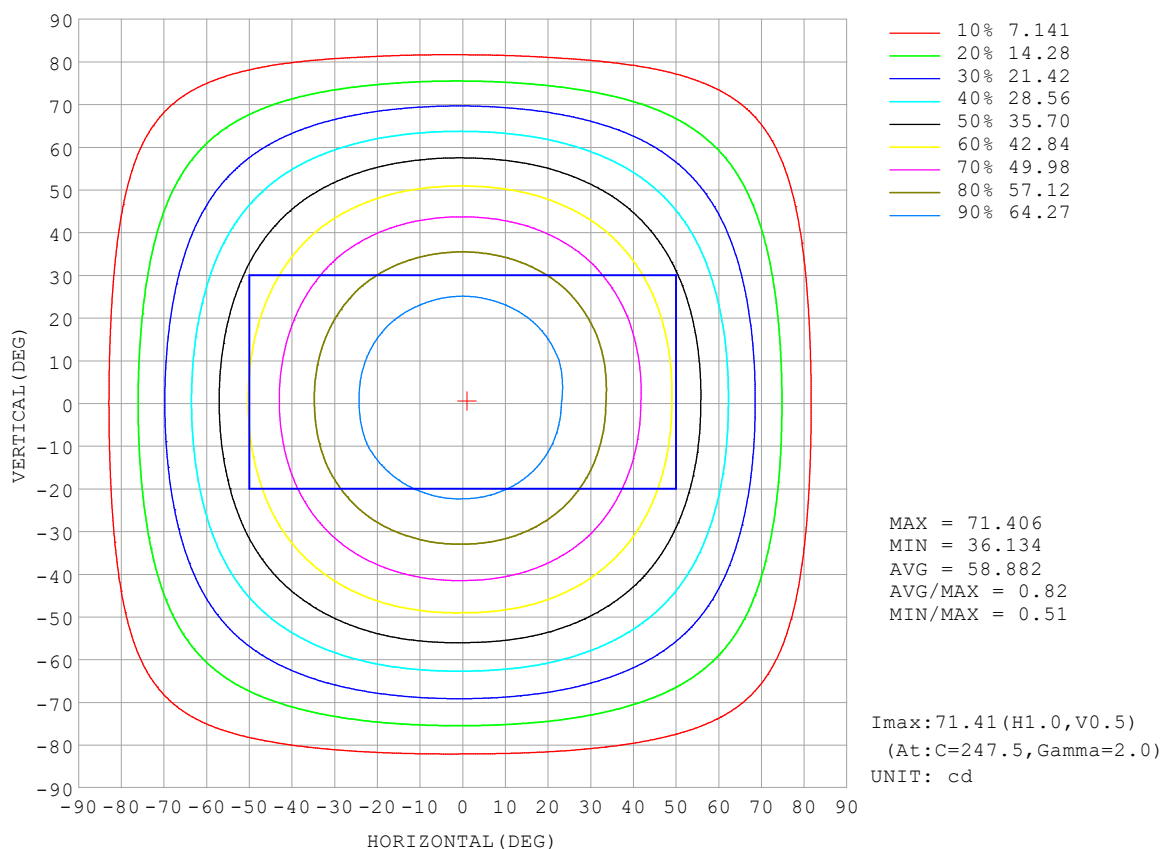
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	90	84	79	70
3.00	101	93	88	98	92	86	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	96	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: 2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

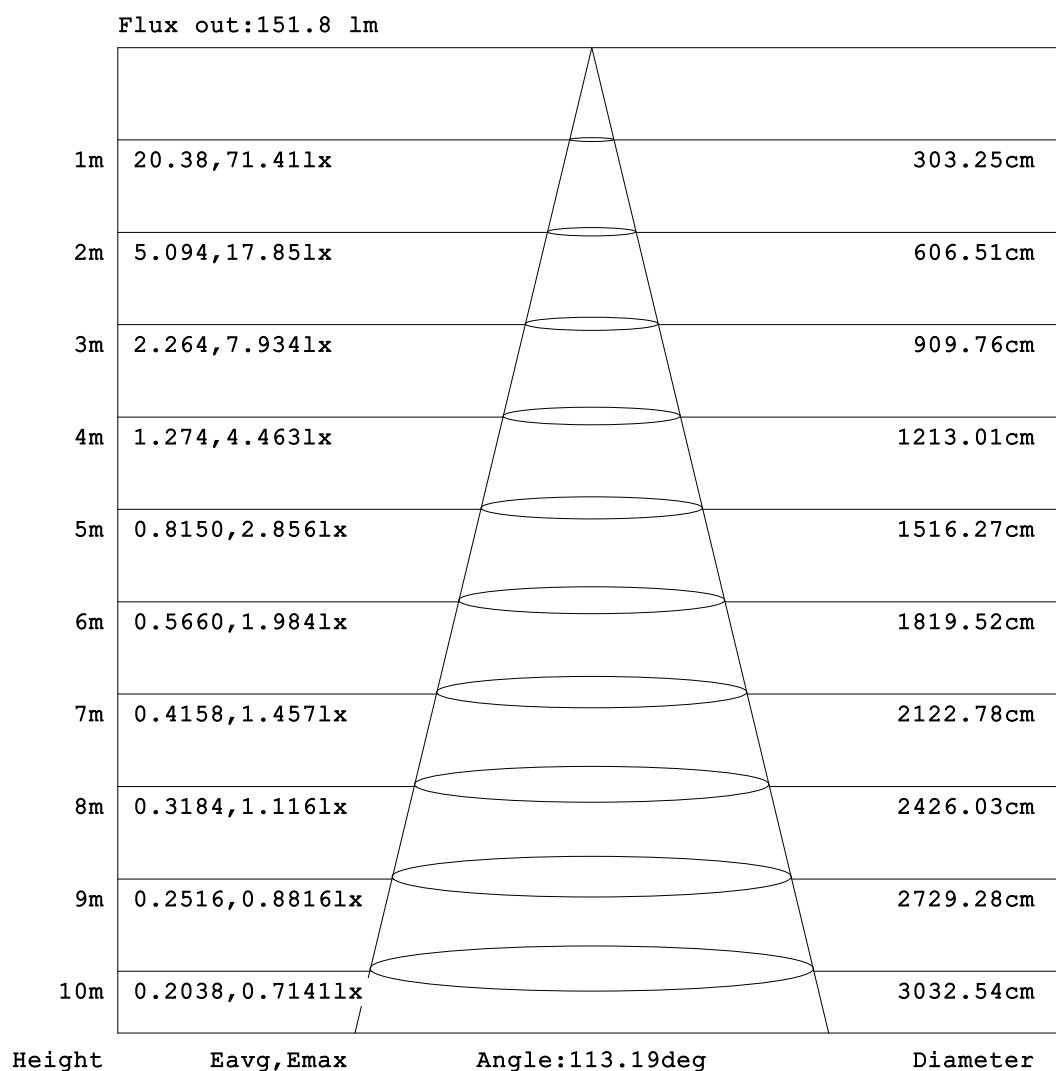


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Cloud
Test Date: 2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



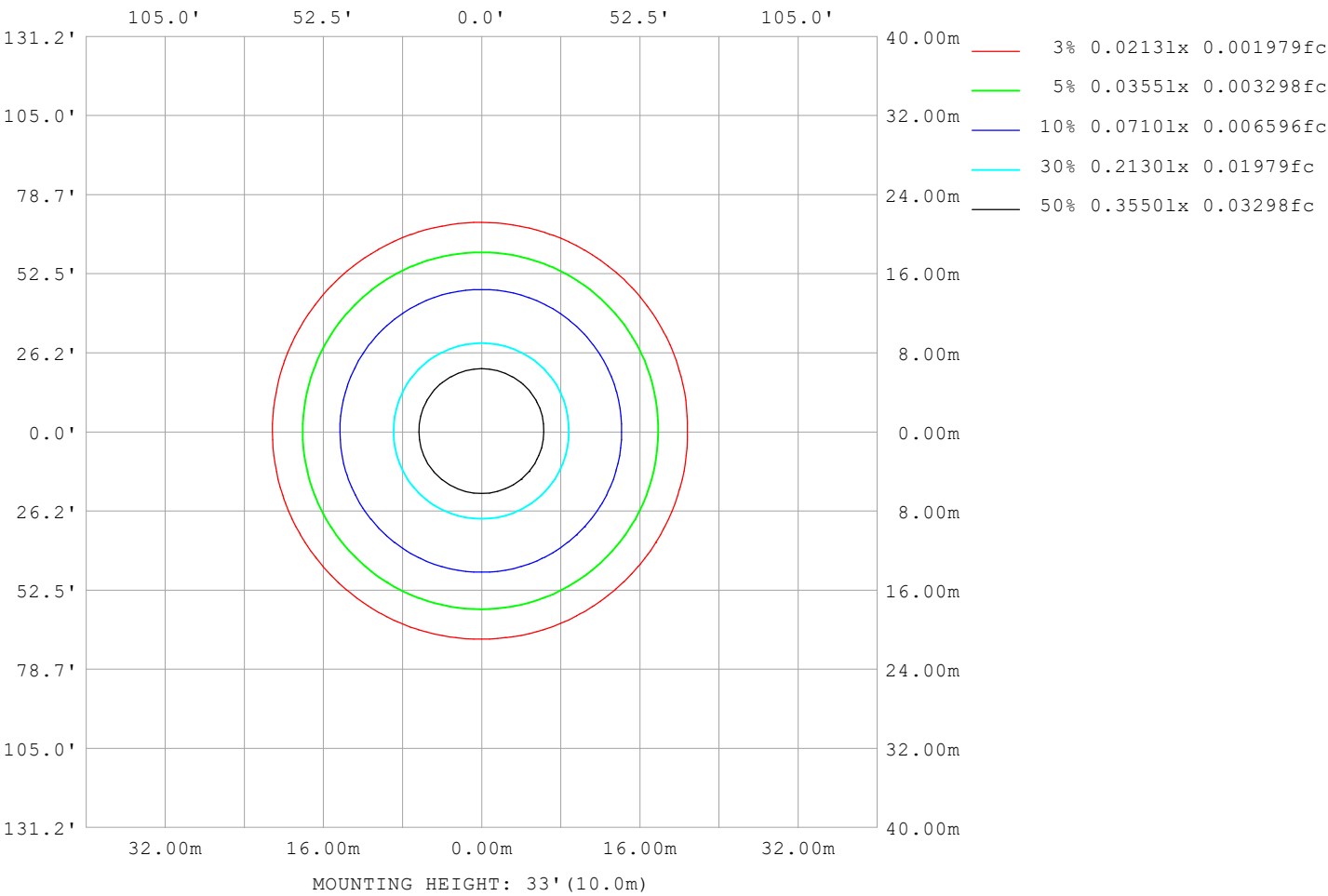
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-19

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:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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:2024-10-19	Remarks: WHITE

LED Avg.L Report

Test:U:24.00V I:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm		
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

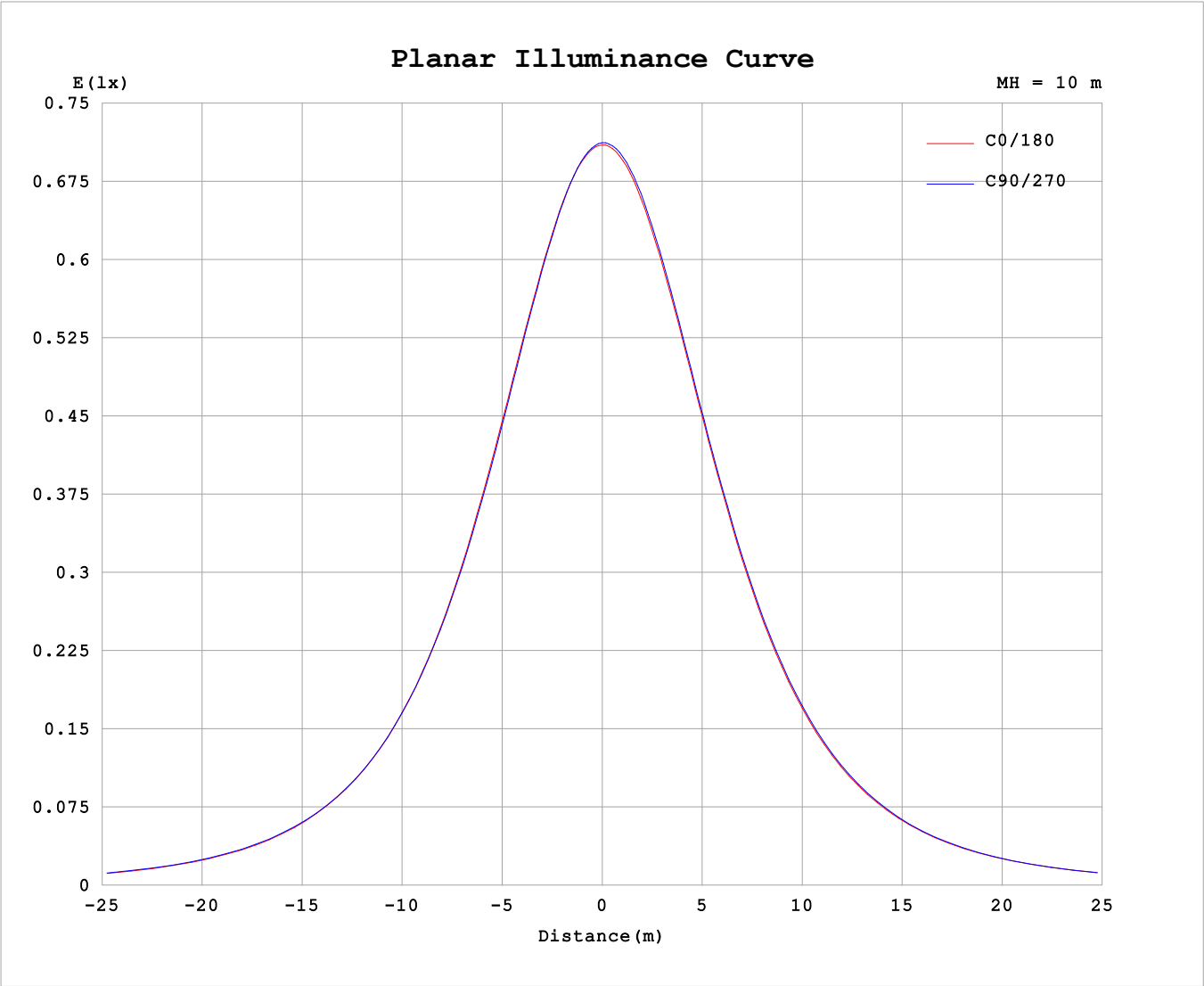
AvgL	cd/m2
L_0~180 (65) av	3654
L_0~180 (75) av	3363
L_0~180 (85) av	3275
L_90~270 (65) av	3693
L_90~270 (75) av	3374
L_90~270 (85) av	2807
L_45 (65) av	3681
L_45 (75) av	3371
L_45 (85) av	3091

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-19

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:2024-10-19	Remarks: WHITE

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3185A P:7.644W PF:1.000 Freq:0Hz Lamp Flux:216.344x1 lm																	
NAME: SF28-24V-5050-72-DMX4-RGBW(3000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

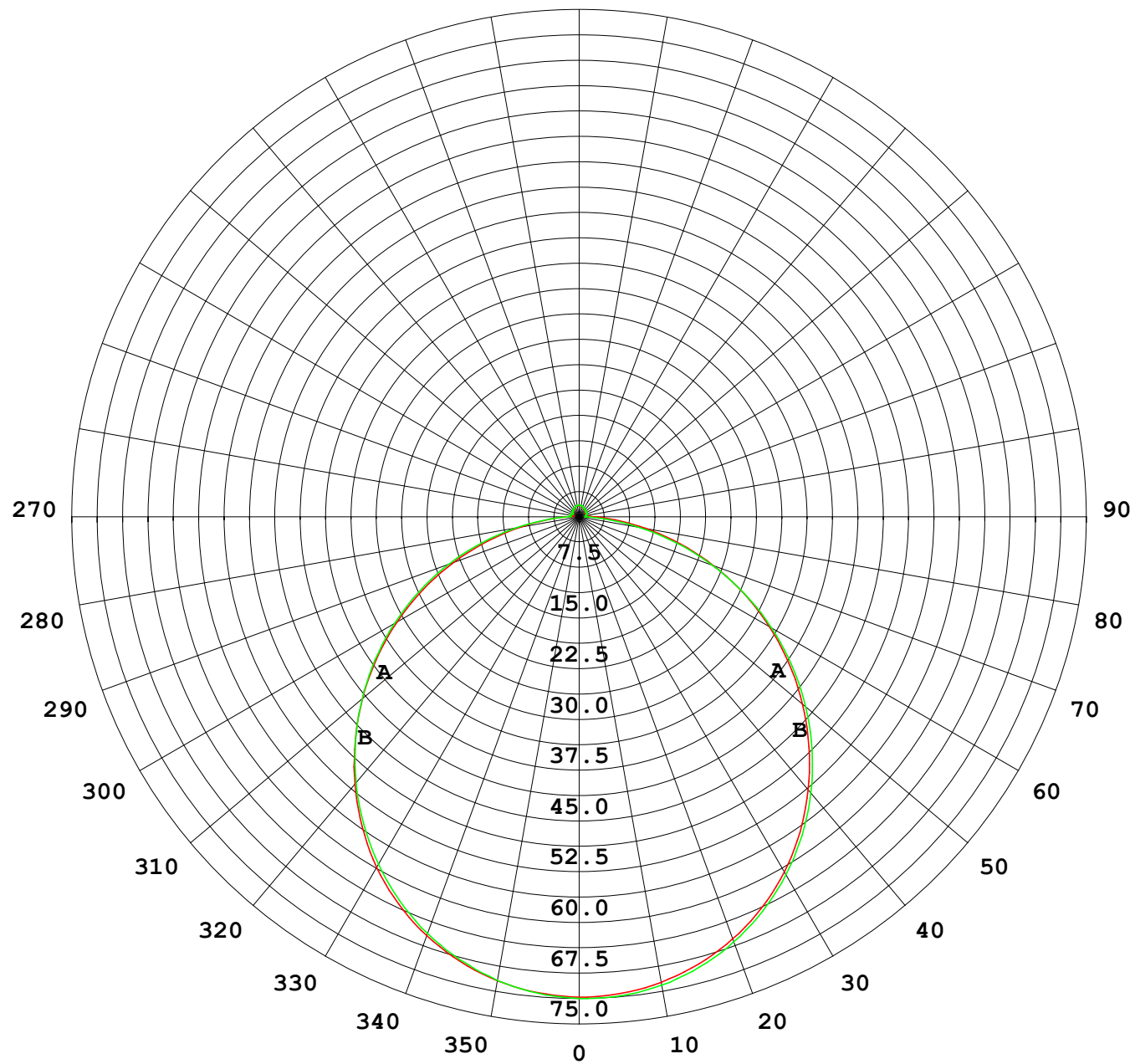
UNIT: cd

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	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2			
5	70.8	70.8	70.7	70.7	70.7	70.7	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	70.9			
10	69.8	69.8	69.7	69.6	69.6	69.6	69.7	69.8	70.1	70.1	70.2	70.3	70.3	70.3	70.2	70.0			
15	68.2	68.2	68.0	67.9	67.9	68.0	68.1	68.3	68.6	68.8	68.9	68.9	68.9	68.8	68.8	68.6			
20	66.0	66.0	65.8	65.6	65.5	65.6	65.9	66.3	66.6	66.8	66.9	66.8	66.9	66.8	66.8	66.5			
25	63.3	63.2	63.0	62.8	62.7	62.9	63.2	63.6	64.0	64.3	64.4	64.3	64.3	64.2	64.1	63.8			
30	60.0	59.9	59.7	59.4	59.3	59.5	60.0	60.4	60.8	61.2	61.3	61.2	61.1	61.1	61.0	60.6			
35	56.1	56.0	55.9	55.7	55.5	55.8	56.3	56.7	57.1	57.4	57.7	57.5	57.5	57.4	57.3	56.8			
40	51.7	51.6	51.7	51.5	51.3	51.7	52.1	52.4	52.8	53.2	53.5	53.5	53.3	53.2	53.1	52.4			
45	47.0	46.9	47.0	46.9	46.8	47.1	47.4	47.8	48.2	48.5	48.9	48.9	48.7	48.6	48.4	47.7			
50	41.9	41.9	42.0	42.1	41.9	42.2	42.5	42.8	43.2	43.5	43.9	43.9	43.7	43.7	43.3	42.6			
55	36.6	36.7	36.7	36.9	36.8	37.1	37.2	37.6	38.0	38.2	38.5	38.6	38.4	38.4	38.0	37.3			
60	31.2	31.3	31.3	31.6	31.5	31.8	31.9	32.1	32.6	32.8	33.0	33.0	32.8	32.7	32.3	31.8			
65	25.5	25.7	25.8	26.1	26.1	26.2	26.3	26.6	27.0	27.1	27.2	27.2	27.0	26.8	26.5	26.0			
70	19.8	20.0	20.2	20.4	20.5	20.6	20.7	20.9	21.2	21.3	21.2	21.1	21.0	20.8	20.5	20.2			
75	14.1	14.4	14.5	14.8	14.8	14.9	15.0	15.2	15.5	15.4	15.2	15.0	14.8	14.7	14.6	14.4			
80	8.74	9.04	9.15	9.31	9.32	9.47	9.53	9.79	10.01	9.79	9.53	9.10	8.91	8.80	8.92	8.89			
85	4.39	4.58	4.59	4.56	4.51	4.68	4.88	5.15	5.32	5.09	4.68	4.12	3.81	3.86	4.16	4.18			
90	1.76	1.87	1.83	1.68	1.41	1.78	2.12	2.39	2.47	2.27	1.87	1.32	0.87	1.15	1.46	1.63			
95	1.03	1.08	1.21	1.28	1.34	1.30	1.35	1.37	1.29	1.24	1.06	0.96	0.93	0.91	0.91	0.95			
100	0.98	1.07	1.20	1.26	1.40	1.26	1.26	1.16	1.02	1.02	0.97	0.95	0.97	0.93	0.92	0.90			
105	1.00	1.11	1.22	1.20	1.25	1.22	1.24	1.14	0.95	0.97	0.99	1.00	1.05	0.99	0.96	0.90			
110	1.05	1.16	1.22	1.20	1.08	1.22	1.24	1.17	0.97	0.97	1.03	1.05	1.11	1.04	1.01	0.95			
115	1.11	1.20	1.23	1.21	1.14	1.23	1.26	1.22	1.02	1.01	1.08	1.10	1.15	1.08	1.06	1.01			
120	1.17	1.24	1.25	1.24	1.20	1.27	1.29	1.27	1.07	1.06	1.12	1.14	1.20	1.13	1.12	1.07			
125	1.23	1.28	1.27	1.27	1.25	1.31	1.32	1.32	1.13	1.11	1.17	1.18	1.23	1.17	1.18	1.13			
130	1.28	1.33	1.30	1.32	1.30	1.35	1.37	1.37	1.18	1.17	1.22	1.23	1.28	1.23	1.23	1.19			
135	1.33	1.37	1.34	1.36	1.35	1.40	1.40	1.42	1.24	1.23	1.27	1.27	1.31	1.27	1.28	1.25			
140	1.39	1.40	1.39	1.41	1.40	1.45	1.45	1.46	1.30	1.29	1.33	1.32	1.35	1.33	1.34	1.31			
145	1.43	1.44	1.42	1.47	1.46	1.51	1.49	1.52	1.36	1.35	1.39	1.37	1.41	1.37	1.39	1.38			
150	1.48	1.49	1.48	1.52	1.53	1.57	1.54	1.56	1.42	1.42	1.46	1.44	1.46	1.43	1.46	1.44			
155	1.54	1.55	1.53	1.59	1.58	1.62	1.60	1.62	1.49	1.48	1.53	1.50	1.52	1.50	1.53	1.50			
160	1.59	1.60	1.61	1.64	1.63	1.67	1.66	1.67	1.56	1.55	1.58	1.56	1.58	1.56	1.59	1.57			
165	1.64	1.65	1.65	1.69	1.68	1.72	1.69	1.72	1.63	1.61	1.64	1.63	1.65	1.62	1.64	1.63			
170	1.68	1.70	1.68	1.73	1.72	1.75	1.73	1.75	1.68	1.66	1.69	1.68	1.70	1.68	1.70	1.68			
175	1.70	1.73	1.71	1.75	1.75	1.76	1.75	1.76	1.70	1.70	1.73	1.72	1.75	1.72	1.75	1.74			
180	1.72	1.73	1.73	1.75	1.76	1.76	1.76	1.76	1.71	1.73	1.73	1.75	1.76	1.76	1.76	1.76			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Cloud
Test Date:2024-10-19

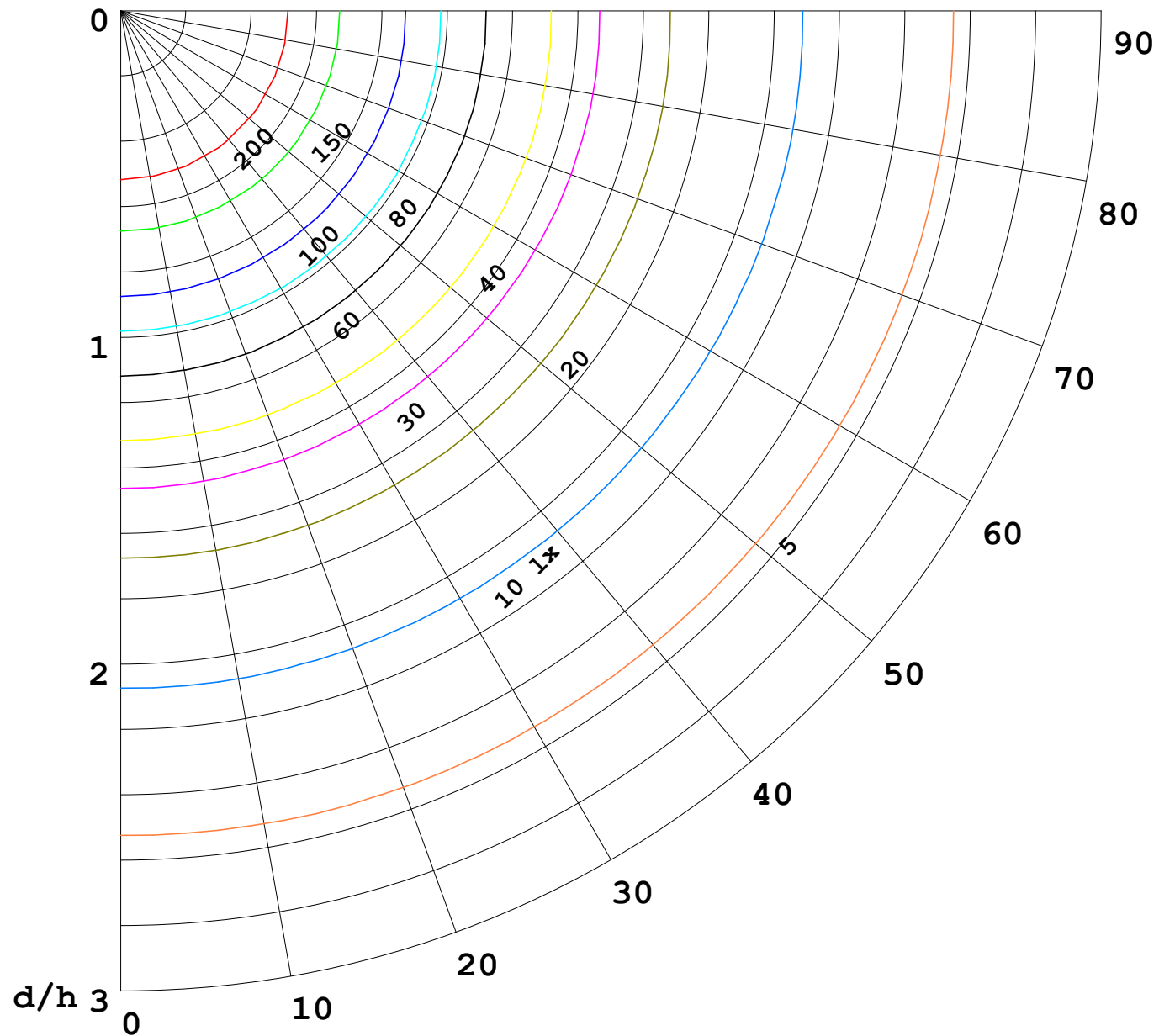
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks: WHITE

I (cd)



1000 lm

$\kappa = 1$



F = 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

