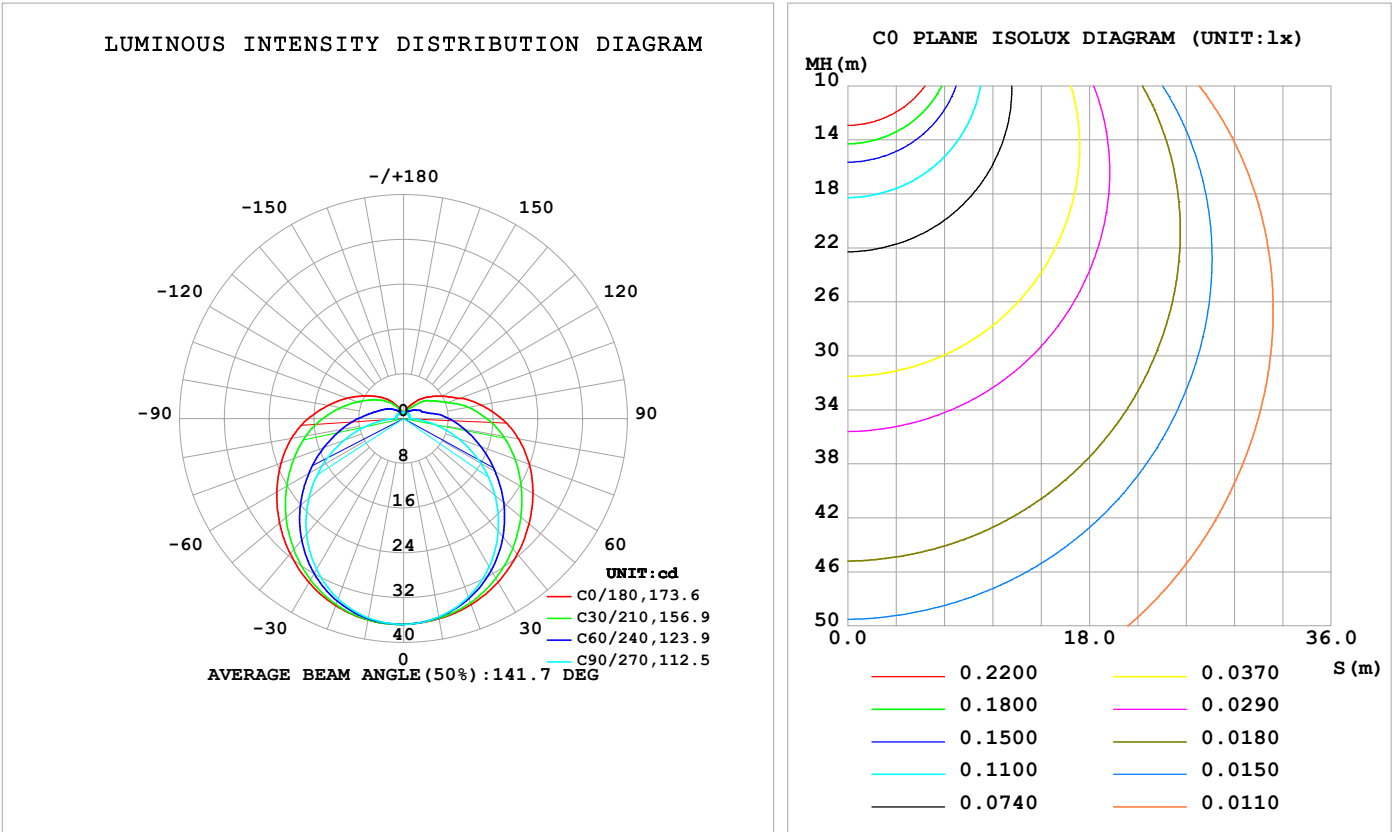


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 32.35 lm/W
MODEL	5050	Imax (cd)	36.77	S/MH(C0/180)	1.38	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	173.47	η UP,DN(C0-180)	9.3,40.3	
NOMINAL FLUX(lm)	173.47	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.5,40.8	
LAMPS INSIDE	1	η up (%)	18.9	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)		η down (%)	81.1	CIBSE SHR MAX	1.55	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	36.32	36.14	36.01	36.32	36.55	36.42	36.17	36.25	0- 10	3.486	3.486	2.01,2.01
20	35.35	34.59	33.90	34.80	35.54	35.01	34.26	34.84	10- 20	10.07	13.56	7.82,7.82
30	33.73	32.14	30.59	32.33	33.83	32.63	31.11	32.54	20- 30	15.54	29.10	16.8,16.8
40	31.62	28.97	26.30	29.07	31.51	29.43	26.97	29.47	30- 40	19.33	48.43	27.9,27.9
50	29.26	25.35	21.31	25.41	28.95	25.77	22.10	25.94	40- 50	21.18	69.61	40.1,40.1
60	26.67	21.57	15.90	21.53	26.15	21.83	16.76	22.22	50- 60	21.14	90.75	52.3,52.3
70	23.91	17.94	10.41	17.79	23.30	18.01	11.26	18.60	60- 70	19.55	110.3	63.6,63.6
80	20.85	14.58	5.184	14.40	20.35	14.49	5.969	15.20	70- 80	16.85	127.2	73.3,73.3
90	17.51	11.50	0.9561	11.29	17.04	11.30	1.458	12.05	80- 90	13.55	140.7	81.1,81.1
100	14.08	8.533	0.9966	8.678	13.71	8.630	1.417	9.073	90-100	10.41	151.1	87.1,87.1
110	10.66	6.031	1.060	6.683	10.73	6.612	1.409	6.593	100-110	7.709	158.8	91.6,91.6
120	8.058	4.706	1.129	5.166	8.163	5.100	1.375	5.013	110-120	5.536	164.4	94.7,94.7
130	6.102	3.689	1.147	3.854	6.159	3.890	1.309	3.807	120-130	3.877	168.2	97,97
140	4.519	2.498	1.160	2.787	4.500	2.847	1.239	2.544	130-140	2.529	170.8	98.4,98.4
150	3.024	1.829	1.171	1.936	2.843	1.924	1.190	1.747	140-150	1.462	172.2	99.3,99.3
160	1.980	1.377	1.173	1.395	1.790	1.396	1.150	1.295	150-160	0.7673	173.0	99.7,99.7
170	1.166	1.194	1.174	1.194	1.177	1.178	1.146	1.176	160-170	0.3628	173.4	99.9,99.9
180	1.157	1.184	1.176	1.179	1.162	1.178	1.164	1.174	170-180	0.1122	173.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 58.911 lm

%lum = 34.0%

%lamp = 34.0%

Conical surface Flux(130deg): 100.8 lm

%lum = 58.1%

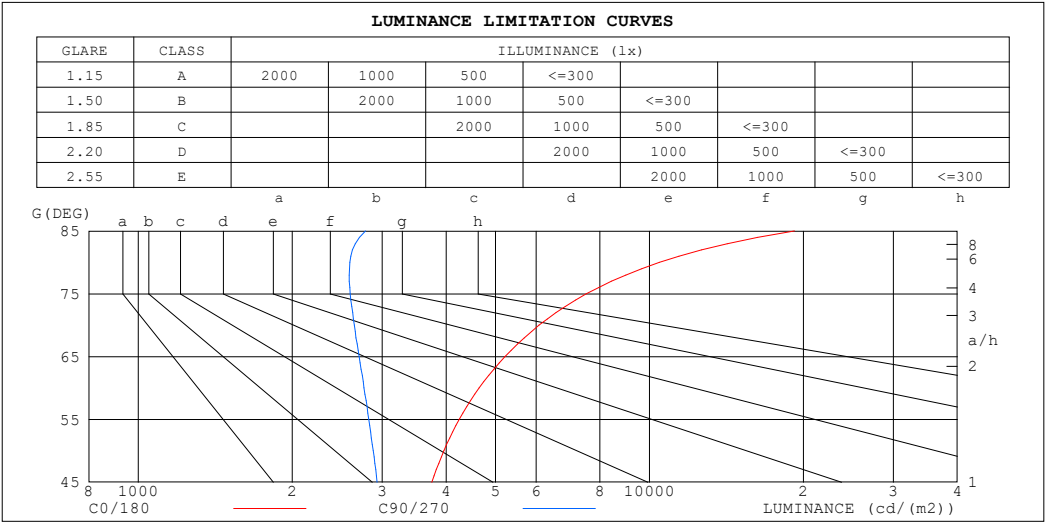
%lamp = 58.1%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2025-03-07

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



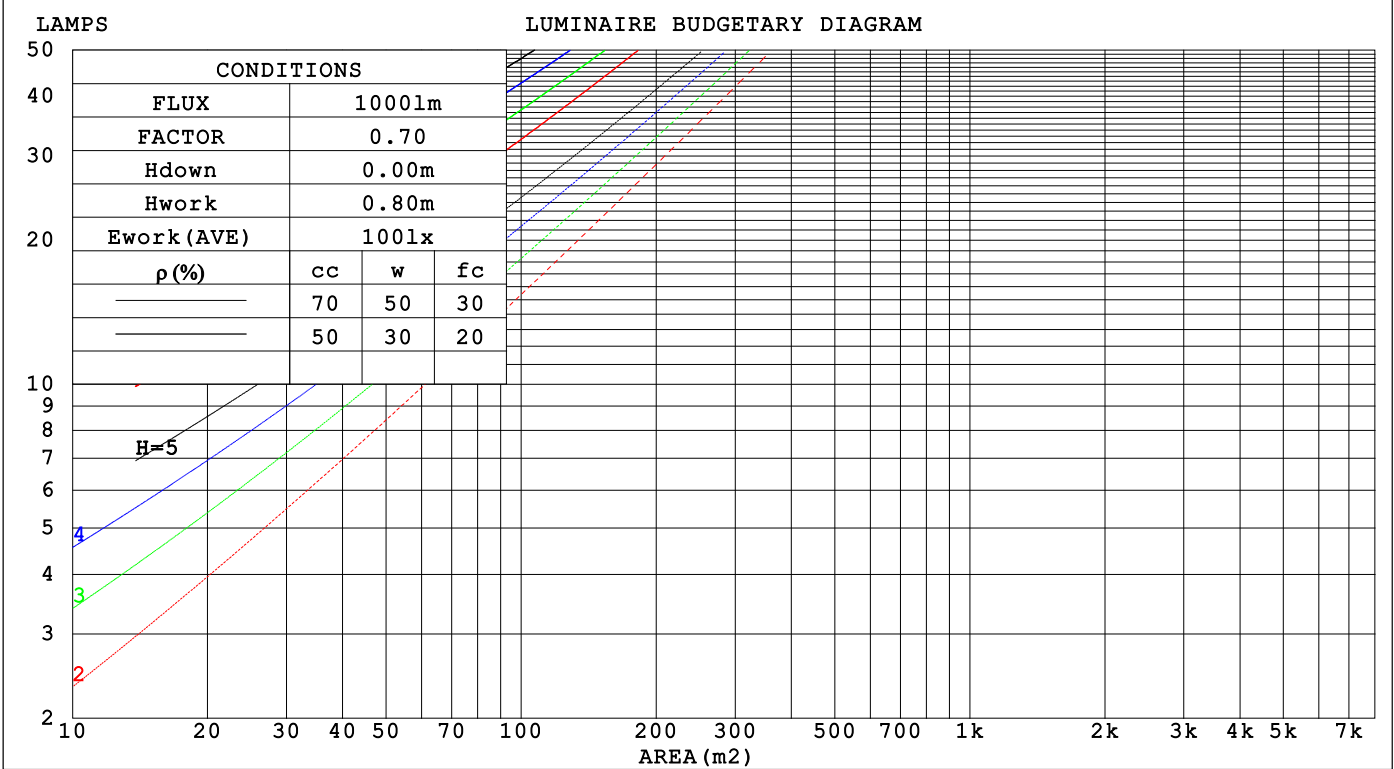
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19205	2783
80	10450	2594
75	7530	2598
70	6084	2644
65	5215	2705
60	4640	2763
55	4244	2824
50	3960	2880
45	3750	2932

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:6.360m [K=1.0000]
Test Date:2025-03-07	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLYMPIA lighting	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.92	.92	.92	.85	.85	.85	.81
1.0	.95	.90	.85	.91	.86	.82	.83	.79	.76	.76	.73	.70	.69	.67	.65	.61
2.0	.81	.73	.67	.78	.71	.64	.71	.65	.60	.65	.60	.56	.59	.55	.52	.48
3.0	.70	.61	.54	.67	.59	.52	.62	.55	.49	.56	.51	.46	.51	.47	.43	.40
4.0	.62	.52	.45	.59	.50	.44	.54	.47	.41	.50	.43	.39	.45	.40	.36	.33
5.0	.55	.45	.38	.53	.44	.37	.48	.41	.35	.44	.38	.33	.41	.35	.31	.28
6.0	.49	.40	.33	.47	.38	.32	.43	.36	.30	.40	.33	.29	.37	.31	.27	.24
7.0	.44	.35	.29	.43	.34	.28	.39	.32	.27	.36	.30	.25	.33	.28	.24	.21
8.0	.40	.31	.25	.39	.31	.25	.36	.29	.24	.33	.27	.22	.31	.25	.21	.19
9.0	.37	.28	.23	.35	.28	.22	.33	.26	.21	.30	.24	.20	.28	.23	.19	.17
10.0	.34	.26	.20	.33	.25	.20	.30	.24	.19	.28	.22	.18	.26	.21	.17	.15



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	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	.390	.222	.070	.377	.215	.068	.352	.202	.065	.330	.190	.061	.309	.179	.058															
2.0	.336	.184	.056	.324	.179	.055	.302	.168	.052	.282	.158	.049	.263	.149	.047															
3.0	.298	.158	.047	.287	.154	.046	.267	.145	.044	.249	.136	.042	.232	.128	.040															
4.0	.268	.139	.041	.258	.135	.040	.240	.127	.038	.223	.120	.036	.207	.113	.034															
5.0	.243	.124	.036	.234	.120	.035	.218	.113	.033	.203	.107	.032	.188	.101	.030															
6.0	.222	.111	.032	.215	.108	.031	.200	.102	.030	.186	.096	.028	.172	.091	.027															
7.0	.205	.101	.029	.198	.099	.028	.184	.093	.027	.171	.088	.026	.159	.083	.024															
8.0	.190	.093	.026	.183	.090	.026	.171	.085	.024	.159	.081	.023	.148	.076	.022															
9.0	.177	.086	.024	.171	.083	.023	.159	.079	.022	.148	.074	.021	.138	.070	.020															
10.0	.166	.079	.022	.160	.077	.022	.149	.073	.021	.139	.069	.020	.130	.065	.019															

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	.334	.334	.334	.286	.286	.286	.195	.195	.195	.112	.112	.112	.036	.036	.036	
1.0	.331	.301	.273	.283	.258	.235	.194	.177	.163	.111	.103	.095	.036	.033	.031	
2.0	.324	.278	.239	.278	.239	.206	.190	.165	.144	.110	.096	.084	.035	.031	.027	
3.0	.317	.261	.217	.272	.225	.188	.186	.157	.132	.108	.091	.078	.035	.030	.026	
4.0	.309	.249	.203	.265	.215	.176	.182	.150	.124	.105	.088	.074	.034	.029	.024	
5.0	.301	.239	.193	.259	.207	.168	.178	.145	.119	.103	.085	.070	.033	.028	.023	
6.0	.294	.231	.186	.252	.200	.162	.174	.140	.115	.101	.082	.068	.033	.027	.023	
7.0	.287	.225	.181	.247	.195	.158	.170	.137	.112	.099	.080	.067	.032	.026	.022	
8.0	.280	.219	.177	.241	.190	.155	.167	.133	.110	.097	.079	.065	.031	.026	.022	
9.0	.274	.214	.174	.236	.186	.152	.163	.131	.108	.095	.077	.064	.031	.025	.021	
10.0	.268	.210	.172	.231	.182	.150	.160	.128	.107	.093	.076	.064	.030	.025	.021	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm											
NAME: SF21-24V-5050-60-RGBW(5000K)-W						TYPE:		WEIGHT:			
SPEC.:						DIM.: Length=1m		SERIAL No.:			
MFR.: OLympia lighting						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	23.6	25.0	24.1	25.5	26.1	21.5	22.9	22.1	23.4	24.0
	3H	26.4	27.6	26.9	28.2	28.8	23.2	24.5	23.8	25.0	25.6
	4H	27.9	29.1	28.5	29.7	30.3	24.0	25.2	24.5	25.7	26.4
	6H	29.6	30.8	30.2	31.3	32.0	24.6	25.7	25.2	26.3	27.0
	8H	30.6	31.7	31.2	32.3	32.9	24.8	25.9	25.4	26.5	27.2
	12H	31.6	32.7	32.3	33.3	34.0	25.0	26.1	25.7	26.7	27.4
4H	2H	24.2	25.4	24.8	26.0	26.6	22.7	23.9	23.2	24.4	25.1
	3H	27.2	28.3	27.8	28.9	29.6	24.6	25.6	25.2	26.2	26.9
	4H	28.9	29.9	29.6	30.5	31.3	25.5	26.5	26.2	27.1	27.8
	6H	30.8	31.7	31.5	32.4	33.1	26.4	27.2	27.0	27.9	28.6
	8H	31.9	32.7	32.6	33.4	34.2	26.7	27.5	27.4	28.2	29.0
	12H	33.1	33.9	33.8	34.6	35.4	27.0	27.8	27.7	28.5	29.2
8H	4H	29.3	30.1	29.9	30.8	31.5	26.6	27.4	27.2	28.1	28.8
	6H	31.5	32.2	32.2	32.9	33.7	27.8	28.5	28.5	29.2	30.0
	8H	32.8	33.4	33.5	34.1	35.0	28.4	29.0	29.1	29.7	30.5
	12H	34.3	34.8	35.0	35.5	36.4	28.9	29.4	29.6	30.1	31.0
12H	4H	29.3	30.0	30.0	30.7	31.5	26.9	27.7	27.6	28.4	29.2
	6H	31.6	32.2	32.3	33.0	33.8	28.4	29.0	29.1	29.7	30.5
	8H	33.0	33.6	33.8	34.3	35.2	29.1	29.6	29.8	30.4	31.2
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 173.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.1)
Area: 0.0115 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K) -W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

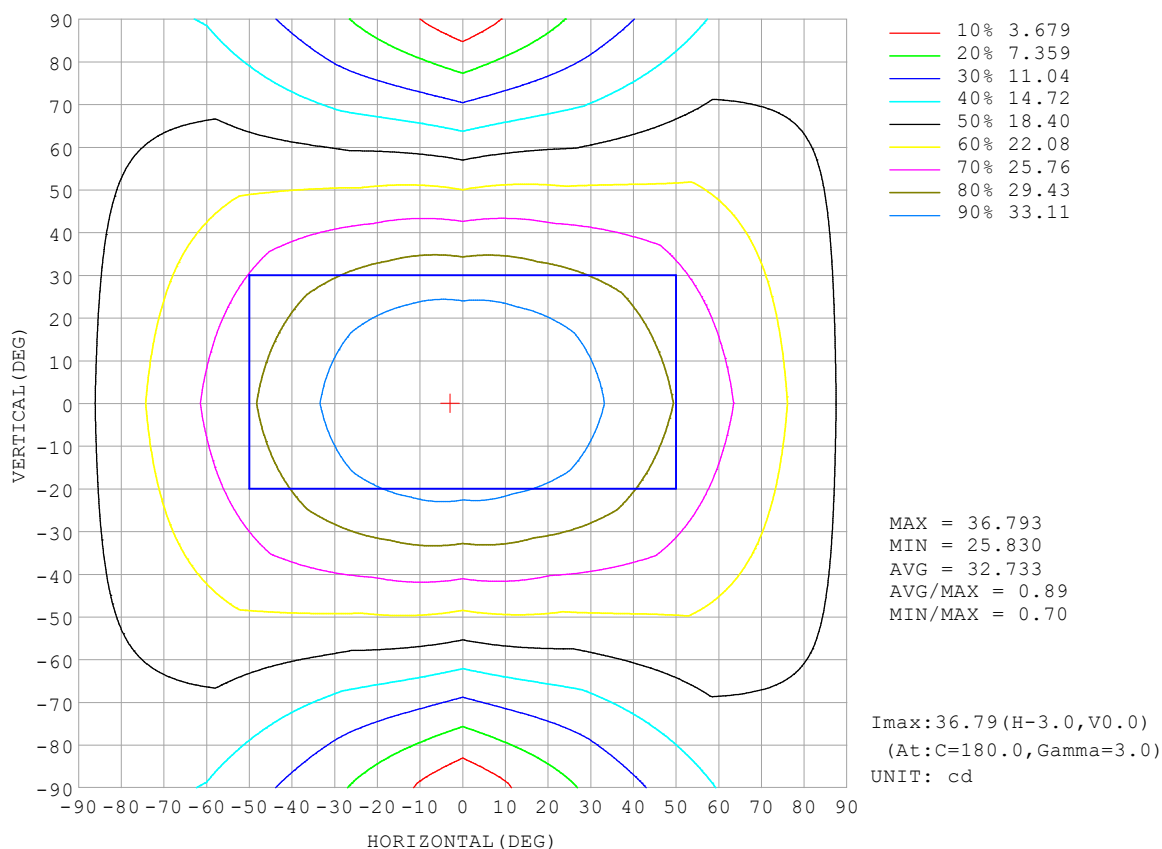
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	28	46	34	27	44	33	27	20
0.80	56	43	35	55	43	35	52	41	34	26
1.00	64	51	43	62	50	42	58	50	41	32
1.25	71	58	50	69	57	49	64	54	47	37
1.50	76	64	55	73	62	54	68	59	52	41
2.00	83	72	64	80	70	62	74	66	59	48
2.50	88	78	69	84	75	68	78	70	64	51
3.00	92	82	75	88	79	73	81	74	69	55
4.00	96	88	82	92	85	79	85	79	74	60
5.00	99	92	86	95	89	84	88	83	78	63
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

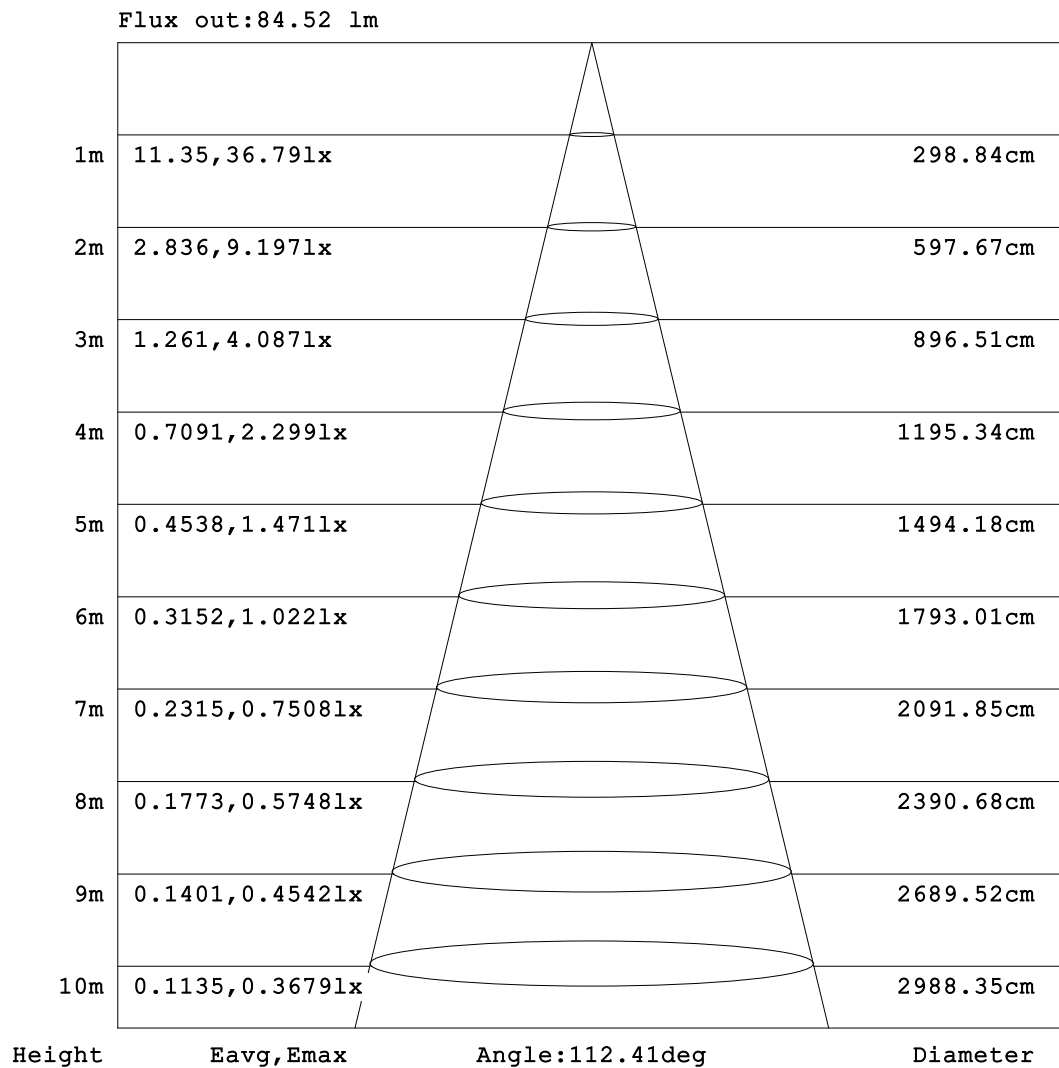


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



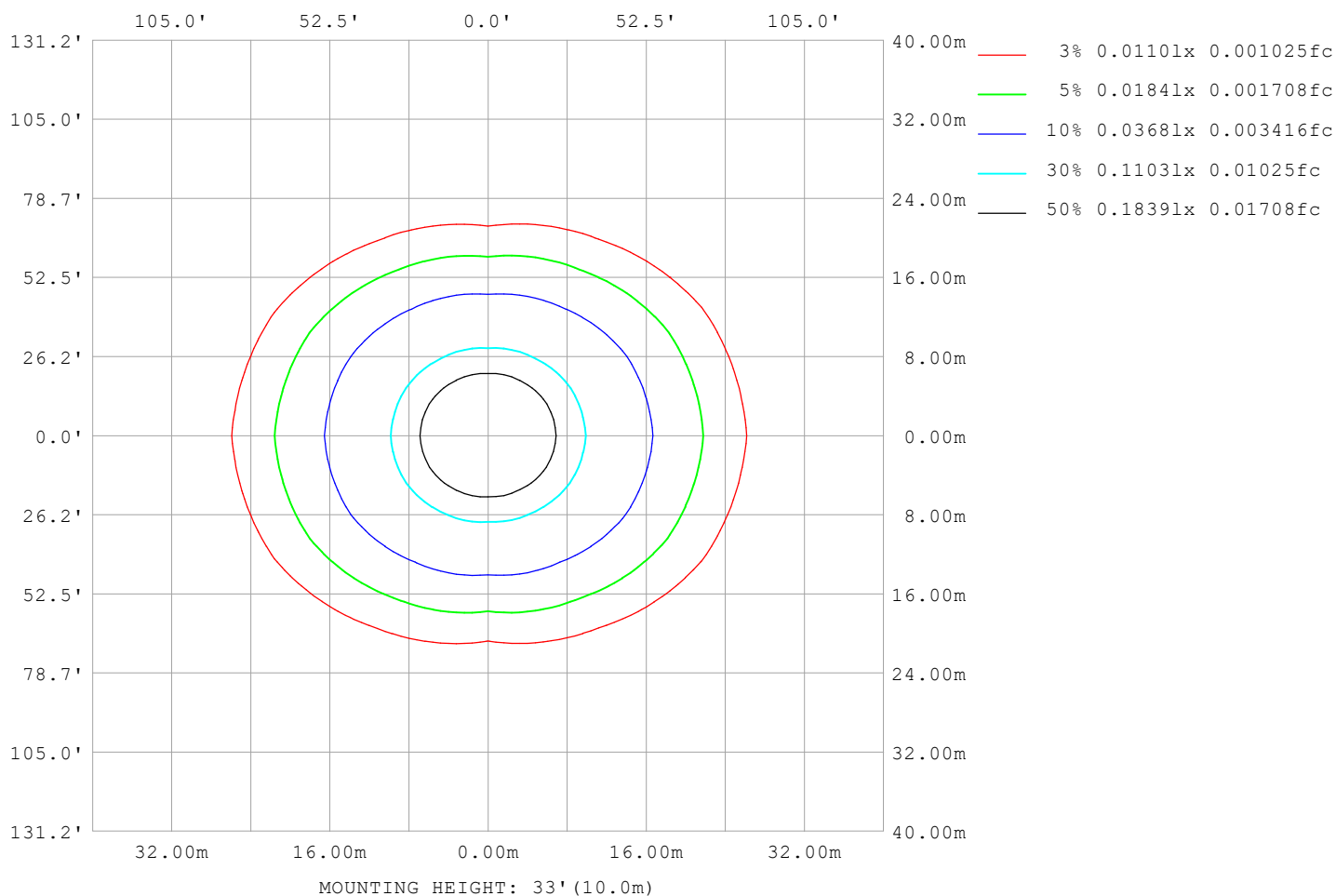
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K) -W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2025-03-07

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:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm		
NAME: SF21-24V-5050-60-RGBW(5000K)-W	TYPE:	WEIGHT:
SPEC.:	DIM.: Length=1m	SERIAL No.:
MFR.: OLympia lighting	SUR.:	Shielding Angle:

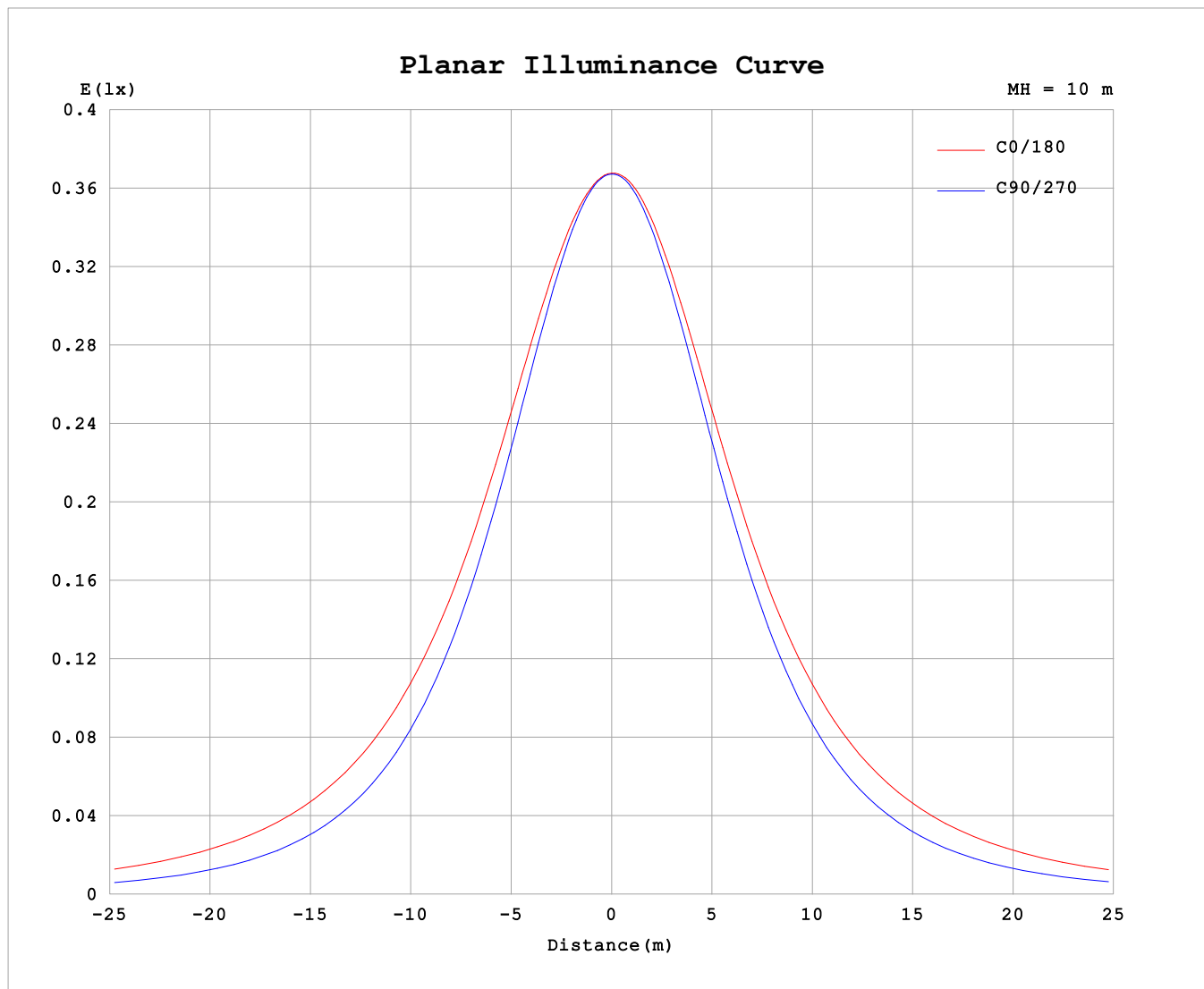
AvgL	cd/m2
L_0~180 (65) av	5150
L_0~180 (75) av	7432
L_0~180 (85) av	18948
L_90~270 (65) av	2795
L_90~270 (75) av	2738
L_90~270 (85) av	3154
L_45 (65) av	4114
L_45 (75) av	5536
L_45 (85) av	13298

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

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
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 2025-03-07

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2234A P:5.362W PF:1.000 Freq:0Hz Lamp Flux:173.47x1 lm																	
NAME: SF21-24V-5050-60-RGBW(5000K)-W									TYPE:						WEIGHT:		
SPEC.:									DIM.: Length=1m						SERIAL No.:		
MFR.: Olym pia lighting									SUR.:						Shielding Angle:		

Table--1

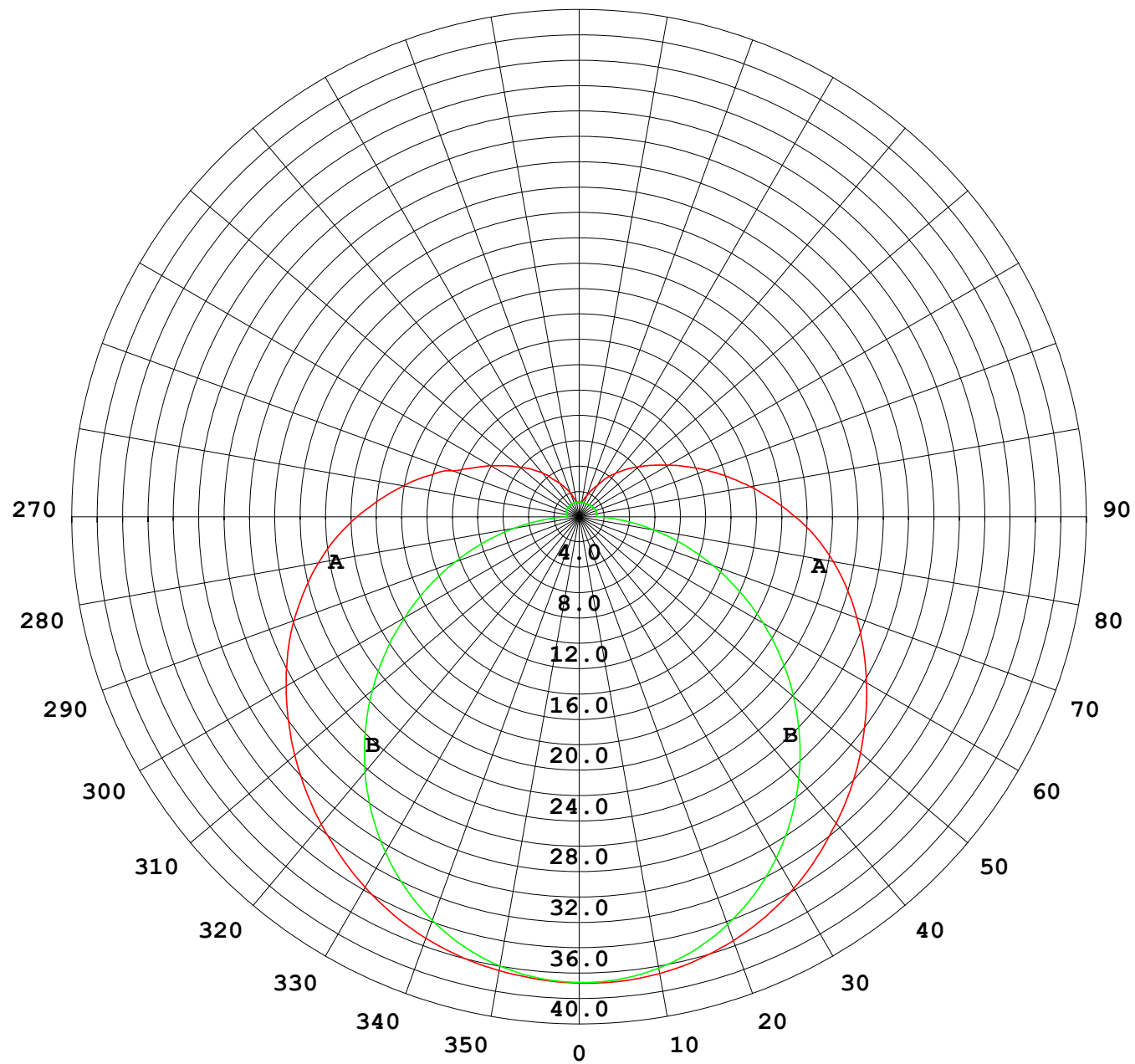
UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7						
5	36.6	36.6	36.5	36.6	36.7	36.7	36.8	36.8	36.7	36.6	36.6	36.6						
10	36.3	36.2	36.0	36.0	36.2	36.4	36.5	36.5	36.3	36.2	36.2	36.3						
15	35.9	35.7	35.2	35.1	35.5	35.9	36.1	36.0	35.7	35.4	35.5	35.8						
20	35.3	35.0	34.2	33.9	34.4	35.2	35.5	35.3	34.7	34.3	34.5	35.2						
25	34.6	34.1	32.9	32.4	33.1	34.2	34.8	34.4	33.5	32.8	33.3	34.3						
30	33.7	33.0	31.3	30.6	31.6	33.1	33.8	33.3	32.0	31.1	31.9	33.2						
35	32.7	31.7	29.5	28.5	29.8	31.8	32.7	32.0	30.3	29.2	30.2	32.0						
40	31.6	30.3	27.6	26.3	27.8	30.3	31.5	30.5	28.4	27.0	28.3	30.6						
45	30.5	28.8	25.5	23.9	25.7	28.8	30.3	29.0	26.3	24.6	26.3	29.2						
50	29.3	27.3	23.4	21.3	23.5	27.3	28.9	27.5	24.1	22.1	24.2	27.7						
55	28.0	25.8	21.1	18.6	21.3	25.6	27.6	25.8	21.8	19.5	22.0	26.2						
60	26.7	24.3	18.9	15.9	19.0	24.0	26.2	24.1	19.6	16.8	19.8	24.7						
65	25.3	22.7	16.7	13.2	16.9	22.4	24.7	22.5	17.4	14.0	17.6	23.1						
70	23.9	21.2	14.7	10.4	14.8	20.8	23.3	20.8	15.2	11.3	15.6	21.6						
75	22.4	19.6	12.8	7.74	12.8	19.3	21.8	19.3	13.1	8.56	13.7	20.1						
80	20.9	18.1	11.1	5.18	11.1	17.7	20.3	17.7	11.3	5.97	11.9	18.5						
85	19.2	16.5	9.52	2.79	9.51	16.1	18.7	16.1	9.63	3.53	10.3	16.9						
90	17.5	14.9	8.11	0.96	8.08	14.5	17.0	14.5	8.14	1.46	8.83	15.3						
95	15.8	13.3	6.89	0.97	6.87	12.9	15.3	12.9	6.87	1.42	7.55	13.6						
100	14.1	11.8	5.29	1.00	5.90	11.5	13.7	11.4	5.86	1.42	6.02	12.1						
105	12.4	10.2	4.26	1.03	5.11	10.1	12.2	10.1	5.04	1.41	4.76	10.5						
110	10.7	8.45	3.61	1.06	4.50	8.86	10.7	8.81	4.42	1.41	4.14	9.04						
115	9.18	7.30	3.41	1.10	4.01	7.73	9.38	7.68	3.92	1.40	3.81	7.84						
120	8.06	6.36	3.06	1.13	3.57	6.76	8.16	6.71	3.49	1.38	3.17	6.85						
125	7.03	5.58	2.70	1.14	3.09	5.91	7.10	5.87	3.08	1.35	2.78	5.95						
130	6.10	4.96	2.42	1.15	2.55	5.16	6.16	5.12	2.66	1.31	2.43	5.18						
135	5.30	4.12	2.11	1.15	2.11	4.46	5.31	4.41	2.27	1.28	2.20	4.30						
140	4.52	3.16	1.84	1.16	1.78	3.79	4.50	3.75	1.94	1.24	1.87	3.21						
145	3.65	2.52	1.63	1.17	1.57	3.12	3.73	3.09	1.66	1.22	1.59	2.63						
150	3.02	2.19	1.47	1.17	1.40	2.47	2.84	2.45	1.40	1.19	1.38	2.11						
155	2.45	1.82	1.29	1.17	1.23	1.95	2.29	1.90	1.26	1.18	1.25	1.68						
160	1.98	1.53	1.22	1.17	1.19	1.60	1.79	1.62	1.17	1.15	1.18	1.41						
165	1.50	1.27	1.20	1.17	1.19	1.29	1.38	1.30	1.17	1.14	1.17	1.17						
170	1.17	1.20	1.19	1.17	1.18	1.20	1.18	1.19	1.17	1.15	1.17	1.18						
175	1.16	1.19	1.19	1.18	1.18	1.19	1.16	1.18	1.17	1.15	1.17	1.18						
180	1.16	1.18	1.18	1.18	1.17	1.18	1.16	1.18	1.18	1.16	1.17	1.18						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2025-03-07

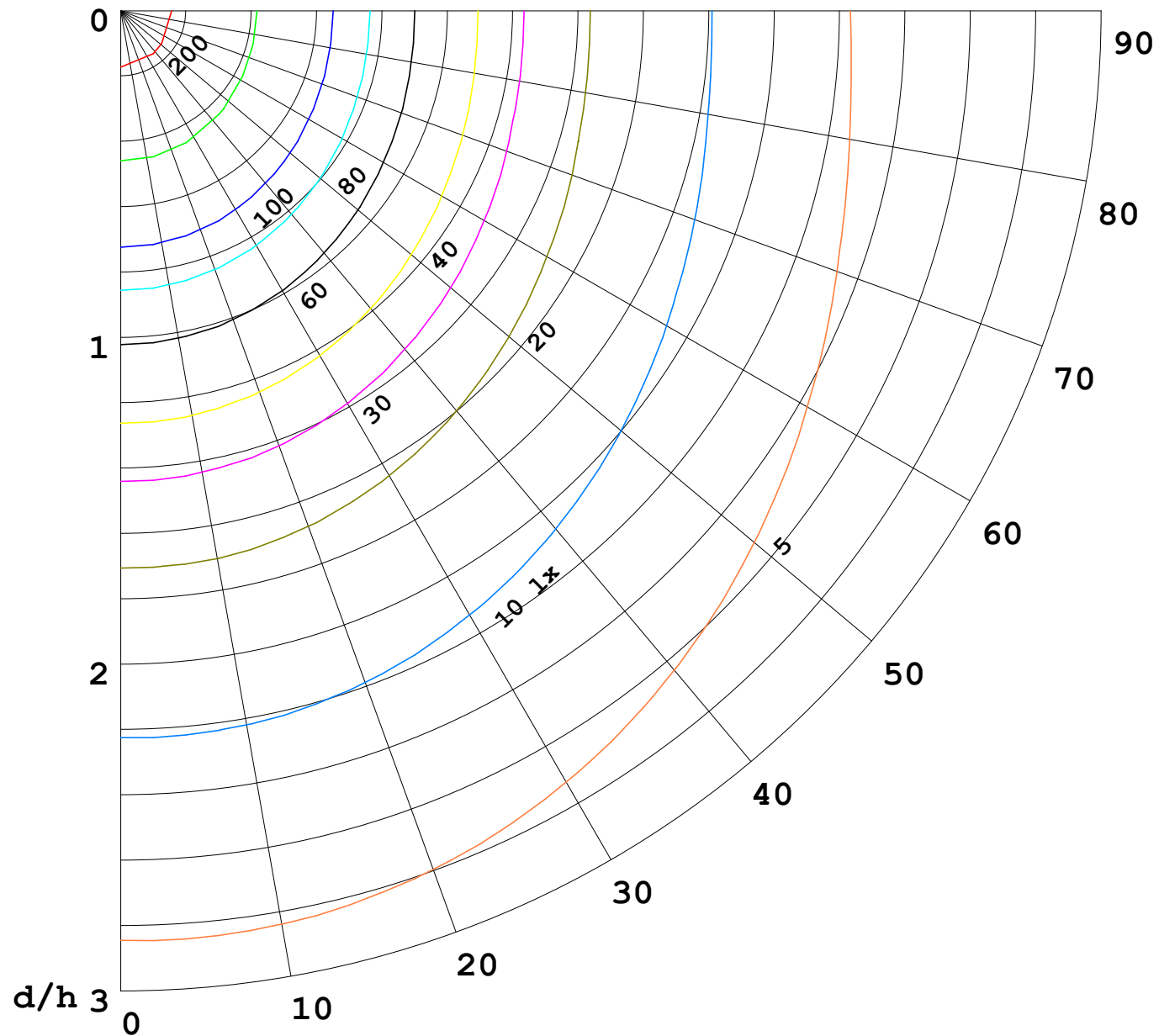
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:6.360m [K=1.0000]
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 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

