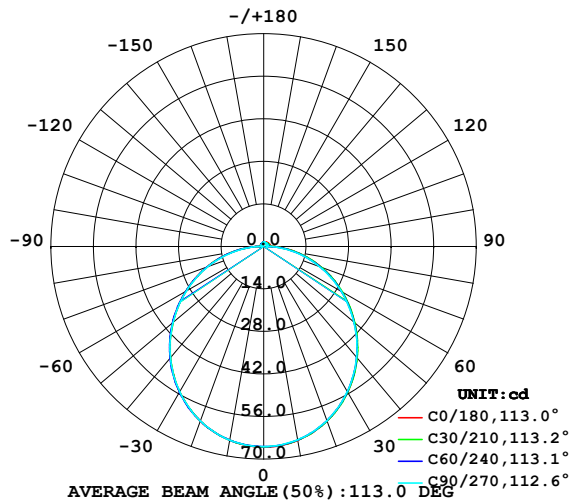


LUMINAIRE PHOTOMETRIC TEST REPORT

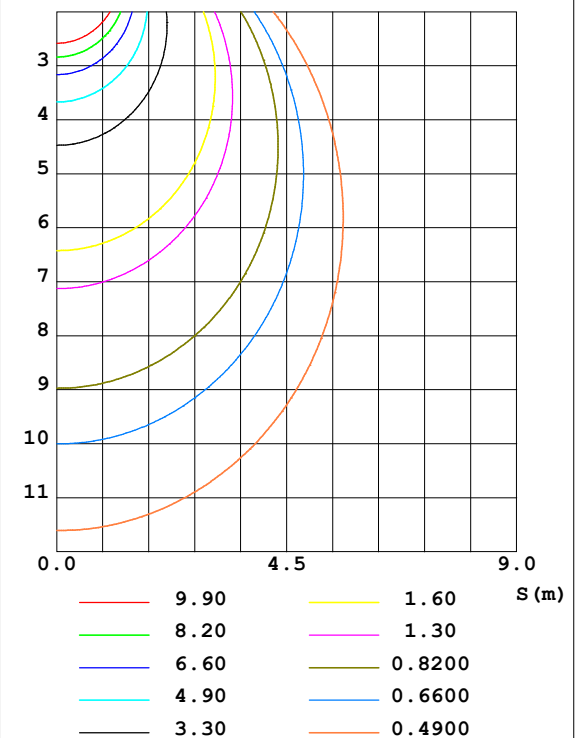
Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.18 lm/W			
MODEL		I _{max} (cd)	66.00	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)		TOTAL FLUX (lm)	202.74	η UP, DN (C0-180)	2.2, 47.9
NOMINAL FLUX (lm)	202.74	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.9, 48.0
LAMPS INSIDE	1	η up (%)	4.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	95.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



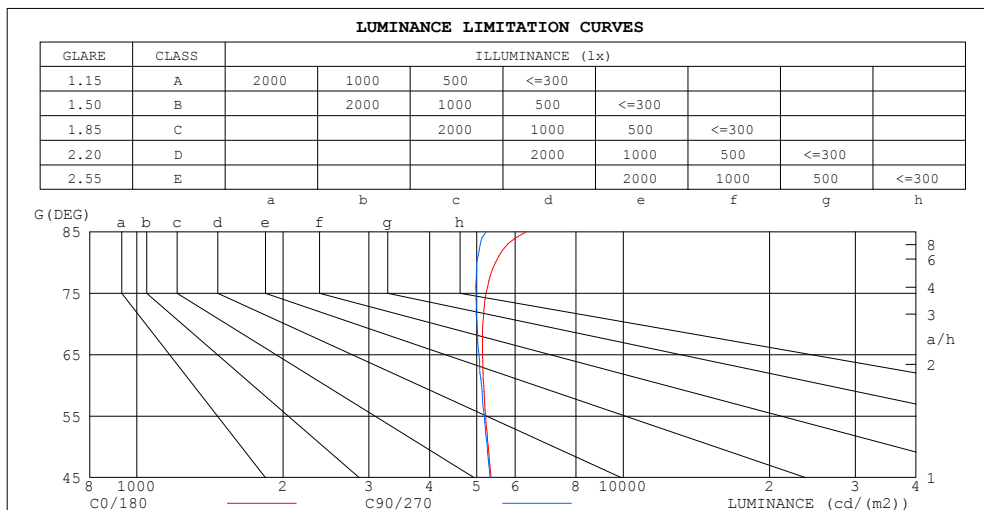
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: White

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	64.80	64.71	64.58	64.59	64.75	64.70	64.71	64.72	0- 10	6.234	6.234	3.07,3.07
20	61.09	61.07	60.97	60.91	61.11	61.12	61.06	61.11	10- 20	17.82	24.05	11.9,11.9
30	55.29	55.28	55.13	55.10	55.32	55.38	55.27	55.38	20- 30	26.91	50.97	25.1,25.1
40	47.75	47.75	47.60	47.57	47.80	47.88	47.81	47.91	30- 40	32.34	83.31	41.1,41.1
50	39.02	39.07	38.84	38.82	39.04	39.12	38.97	39.18	40- 50	33.57	116.9	57.6,57.6
60	29.71	29.71	29.42	29.42	29.64	29.65	29.36	29.76	50- 60	30.73	147.6	72.8,72.8
70	20.23	20.16	19.70	19.77	20.01	19.84	19.61	20.19	60- 70	24.53	172.1	84.9,84.9
80	10.92	10.69	9.985	10.19	10.39	10.10	9.824	10.71	70- 80	15.99	188.1	92.8,92.8
90	3.162	2.465	0.9916	1.975	2.342	1.775	0.7546	2.288	80- 90	6.327	194.5	95.9,95.9
100	1.983	1.634	1.068	1.300	1.133	1.080	0.7921	1.323	90-100	1.541	196.0	96.7,96.7
110	1.884	1.517	1.127	1.300	1.150	1.103	0.8859	1.285	100-110	1.371	197.4	97.4,97.4
120	1.796	1.479	1.138	1.300	1.185	1.135	0.9212	1.273	110-120	1.277	198.6	98,98
130	1.714	1.411	1.180	1.308	1.215	1.165	1.003	1.212	120-130	1.150	199.8	98.5,98.5
140	1.649	1.317	1.256	1.317	1.256	1.220	1.103	1.262	130-140	0.9960	200.8	99,99
150	1.555	1.300	1.320	1.335	1.291	1.276	1.209	1.282	140-150	0.8180	201.6	99.4,99.4
160	1.485	1.329	1.379	1.361	1.326	1.320	1.279	1.314	150-160	0.6161	202.2	99.7,99.7
170	1.320	1.364	1.379	1.367	1.285	1.367	1.344	1.364	160-170	0.3833	202.6	99.9,99.9
180	1.314	1.379	1.379	1.379	1.285	1.376	1.379	1.376	170-180	0.1296	202.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6333	5230
80	5467	5000
75	5226	4981
70	5143	5009
65	5138	5055
60	5167	5116
55	5218	5181
50	5279	5254
45	5350	5329

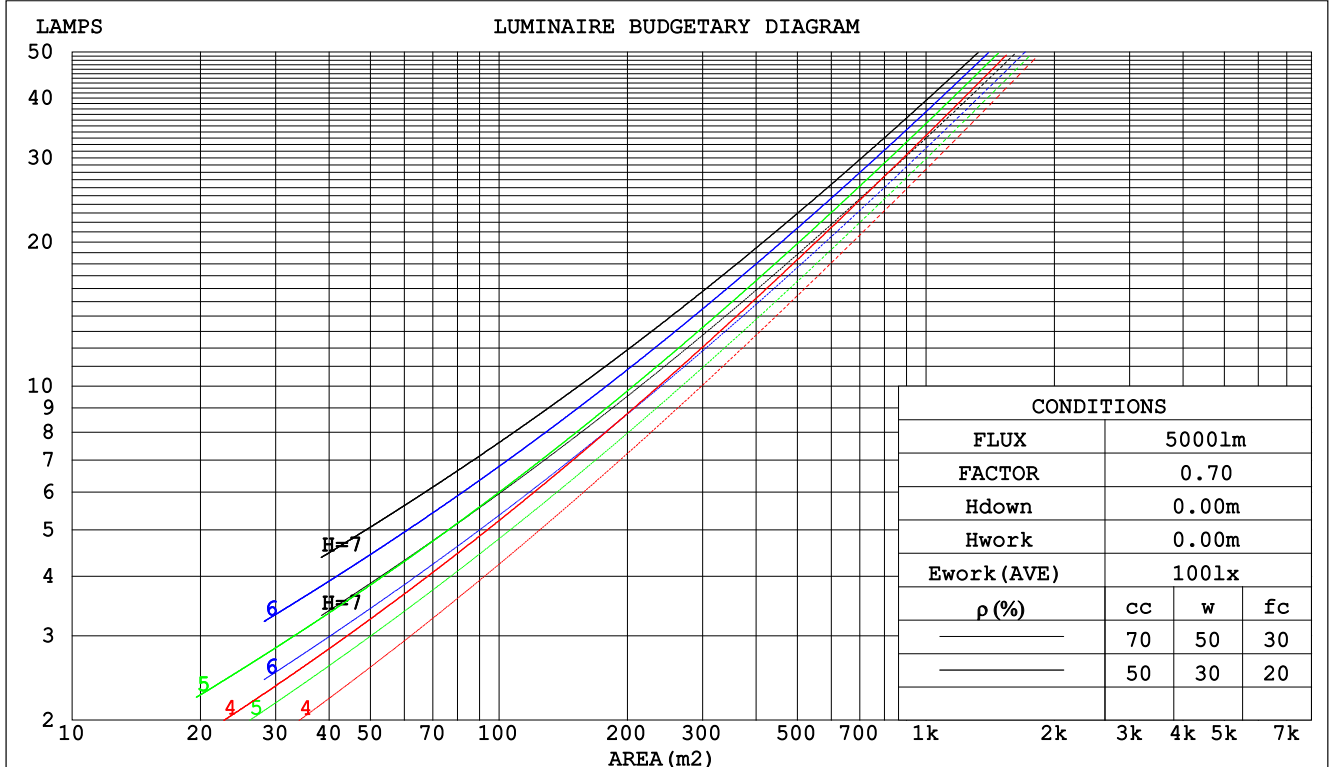
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: White

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	1.18	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	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.85	.83	.81	.79
2.0	.88	.81	.75	.86	.80	.74	.82	.76	.72	.78	.73	.69	.74	.71	.67	.65
3.0	.77	.69	.62	.75	.68	.61	.72	.65	.60	.69	.63	.58	.65	.61	.57	.54
4.0	.68	.59	.53	.67	.58	.52	.64	.56	.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	.47	.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	.28	.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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: White

WEC AND CCEC

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm					
NAME: SF15-24V-5050-60-RGBW3000K			TYPE:		WEIGHT:
DIM.: Length=1m			SPEC.:		SERIAL No.:
MFR.:			SUR.:		PROTECTION 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	.289	.167	.054	.276	.160	.052		
2.0	.302	.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	.130	.038	.236	.125	.037	.226	.121	.037	.216	.118	.036		
5.0	.233	.119	.034	.228	.117	.034	.218	.113	.033	.209	.110	.033	.200	.107	.032		
6.0	.216	.108	.031	.211	.107	.031	.202	.103	.030	.194	.101	.030	.186	.098	.029		
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.169	.085	.025	.162	.083	.024		
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.158	.079	.023	.153	.077	.022		
10.0	.164	.079	.022	.161	.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	.222	.222	.222	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.213	.187	.164	.182	.161	.141	.125	.111	.098	.072	.064	.057	.023	.021	.018	
2.0	.205	.163	.128	.176	.141	.111	.120	.097	.077	.069	.057	.045	.022	.018	.015	
3.0	.197	.146	.105	.169	.126	.091	.116	.088	.064	.067	.051	.038	.022	.017	.012	
4.0	.190	.133	.090	.163	.115	.078	.112	.080	.055	.065	.047	.032	.021	.015	.011	
5.0	.182	.123	.079	.157	.106	.069	.108	.074	.048	.062	.044	.029	.020	.014	.009	
6.0	.175	.114	.071	.150	.099	.062	.104	.069	.044	.060	.041	.026	.019	.013	.009	
7.0	.168	.108	.065	.145	.093	.057	.100	.065	.040	.058	.039	.024	.019	.013	.008	
8.0	.162	.102	.061	.139	.088	.053	.096	.062	.038	.056	.037	.022	.018	.012	.007	
9.0	.155	.097	.057	.134	.084	.050	.093	.059	.036	.054	.035	.021	.018	.011	.007	
10.0	.150	.093	.055	.129	.080	.048	.090	.057	.034	.052	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYH
 Test Date:2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: White

Uncorrected UGR Table

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm											
NAME: SF15-24V-5050-60-RGBW3000K						TYPE:		WEIGHT:			
DIM.: Length=1m						SPEC.:		SERIAL No.:			
MFR.:						SUR.:		PROTECTION 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	18.4	19.9	18.7	20.1	20.4	18.3	19.8	18.6	20.1	20.4	
	3H	20.1	21.5	20.5	21.8	22.1	20.0	21.4	20.4	21.7	22.0
	4H	20.9	22.2	21.3	22.5	22.9	20.8	22.1	21.1	22.4	22.7
	6H	21.6	22.8	22.0	23.2	23.5	21.4	22.6	21.8	23.0	23.3
	8H	21.9	23.1	22.3	23.4	23.8	21.6	22.8	22.0	23.2	23.6
	12H	22.1	23.3	22.6	23.7	24.1	21.8	23.0	22.2	23.3	23.7
4H	2H	19.0	20.3	19.4	20.7	21.0	19.0	20.3	19.3	20.6	20.9
	3H	21.0	22.1	21.4	22.5	22.9	20.9	22.0	21.3	22.4	22.8
	4H	21.9	23.0	22.3	23.4	23.8	21.8	22.8	22.2	23.2	23.6
	6H	22.8	23.7	23.2	24.1	24.6	22.5	23.5	23.0	23.9	24.4
	8H	23.1	24.0	23.6	24.4	24.9	22.9	23.7	23.3	24.2	24.7
	12H	23.5	24.3	24.0	24.7	25.2	23.1	23.9	23.6	24.4	24.9
8H	4H	22.3	23.1	22.7	23.6	24.0	22.1	23.0	22.6	23.4	23.9
	6H	23.3	24.0	23.8	24.5	25.0	23.1	23.8	23.6	24.3	24.8
	8H	23.8	24.5	24.3	25.0	25.5	23.5	24.2	24.1	24.7	25.2
	12H	24.3	24.8	24.8	25.4	25.9	23.9	24.5	24.5	25.0	25.6
12H	4H	22.3	23.1	22.8	23.5	24.0	22.2	23.0	22.7	23.4	23.9
	6H	23.4	24.1	23.9	24.6	25.1	23.2	23.9	23.7	24.4	24.9
	8H	24.0	24.5	24.5	25.1	25.6	23.7	24.3	24.3	24.8	25.4
Variations with the observer position at spacings:											
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 Corrected 202.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.5)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: White

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

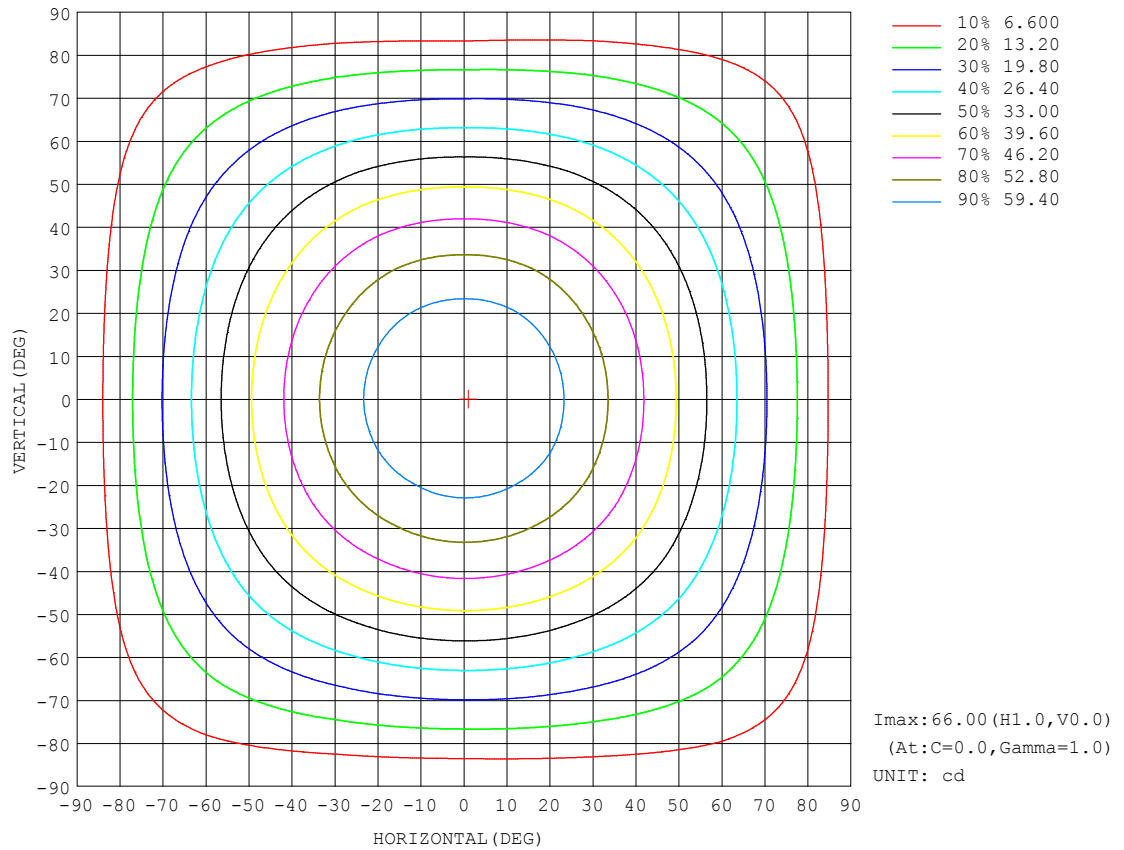
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	73	62	54	72	61	54	69	62	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	92	83	77	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	83	78	69
3.00	100	93	87	97	91	85	93	87	83	73
4.00	104	98	93	101	96	91	96	92	88	78
5.00	107	101	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: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: White

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

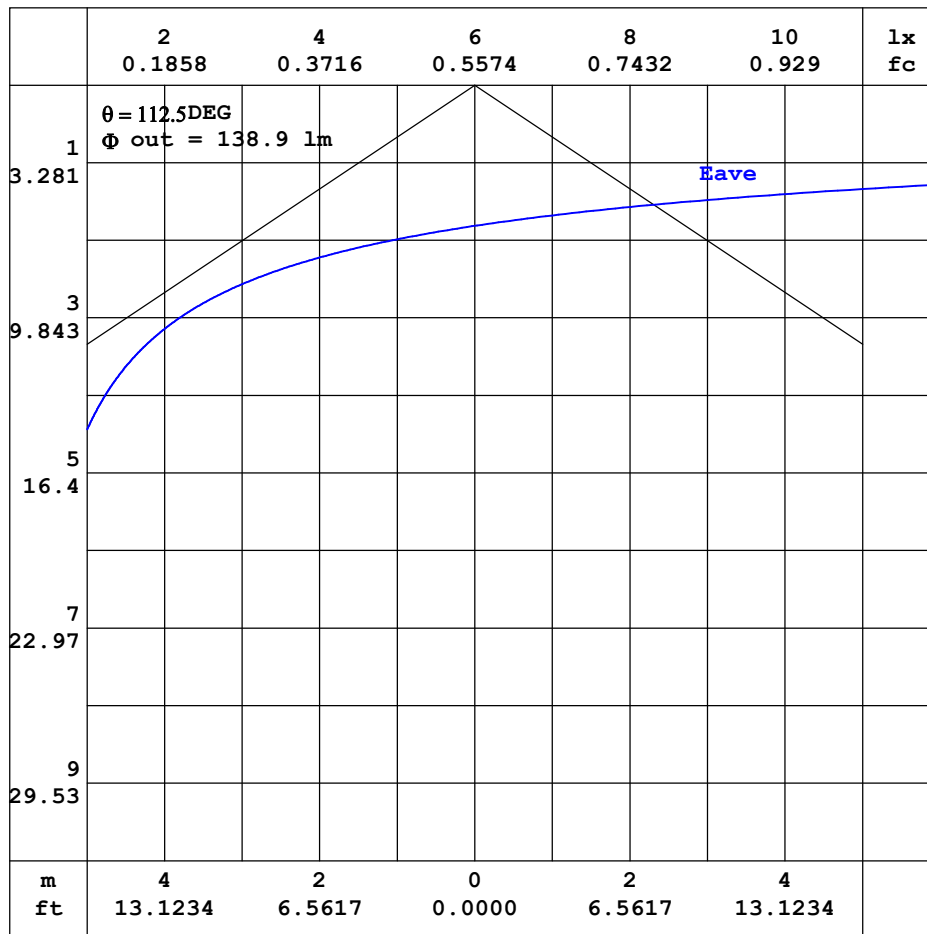


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: White

AAI CURVES

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



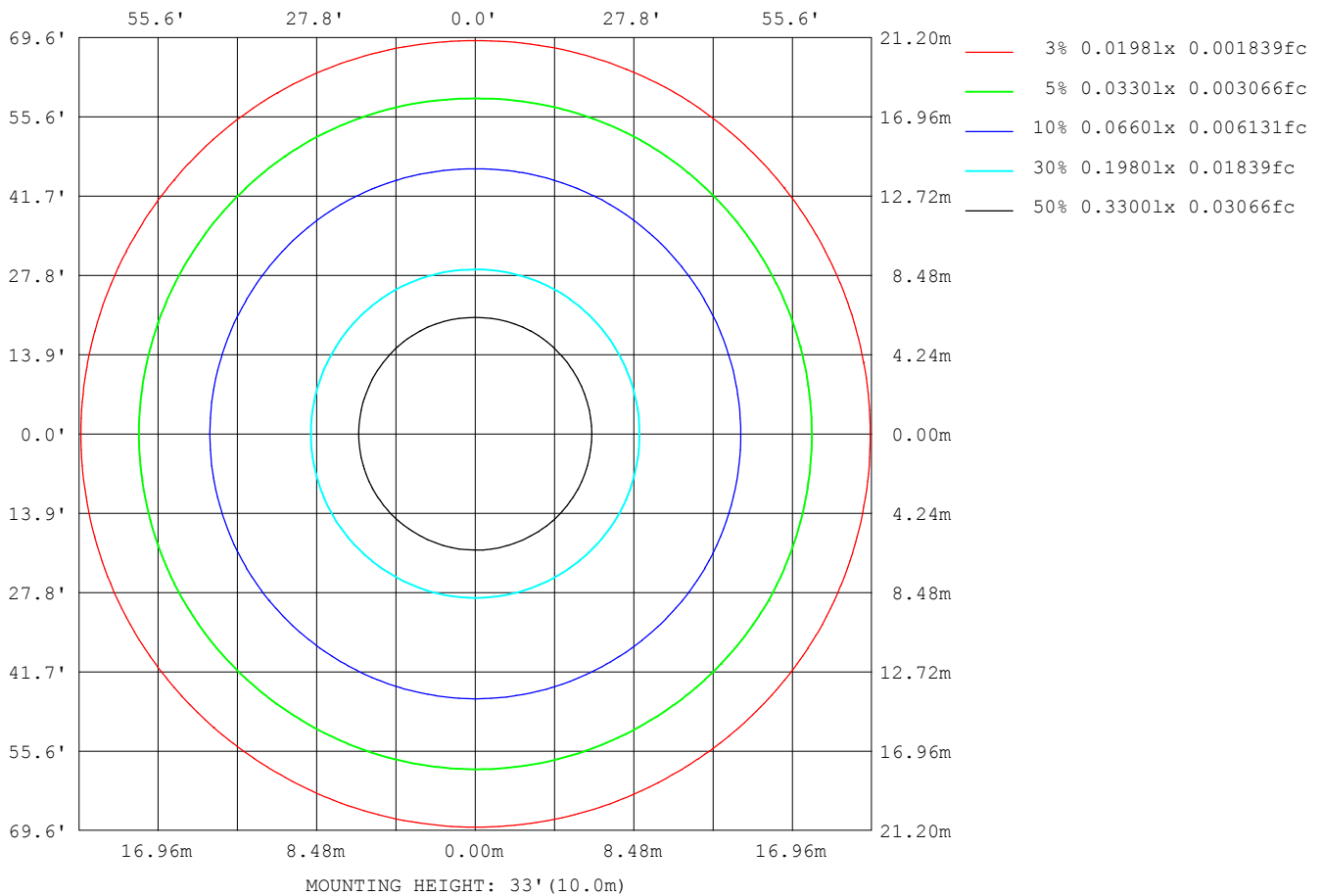
Note: The Curves indicate the illuminated area and the average illuminance when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: White

ISOLUX DIAGRAM

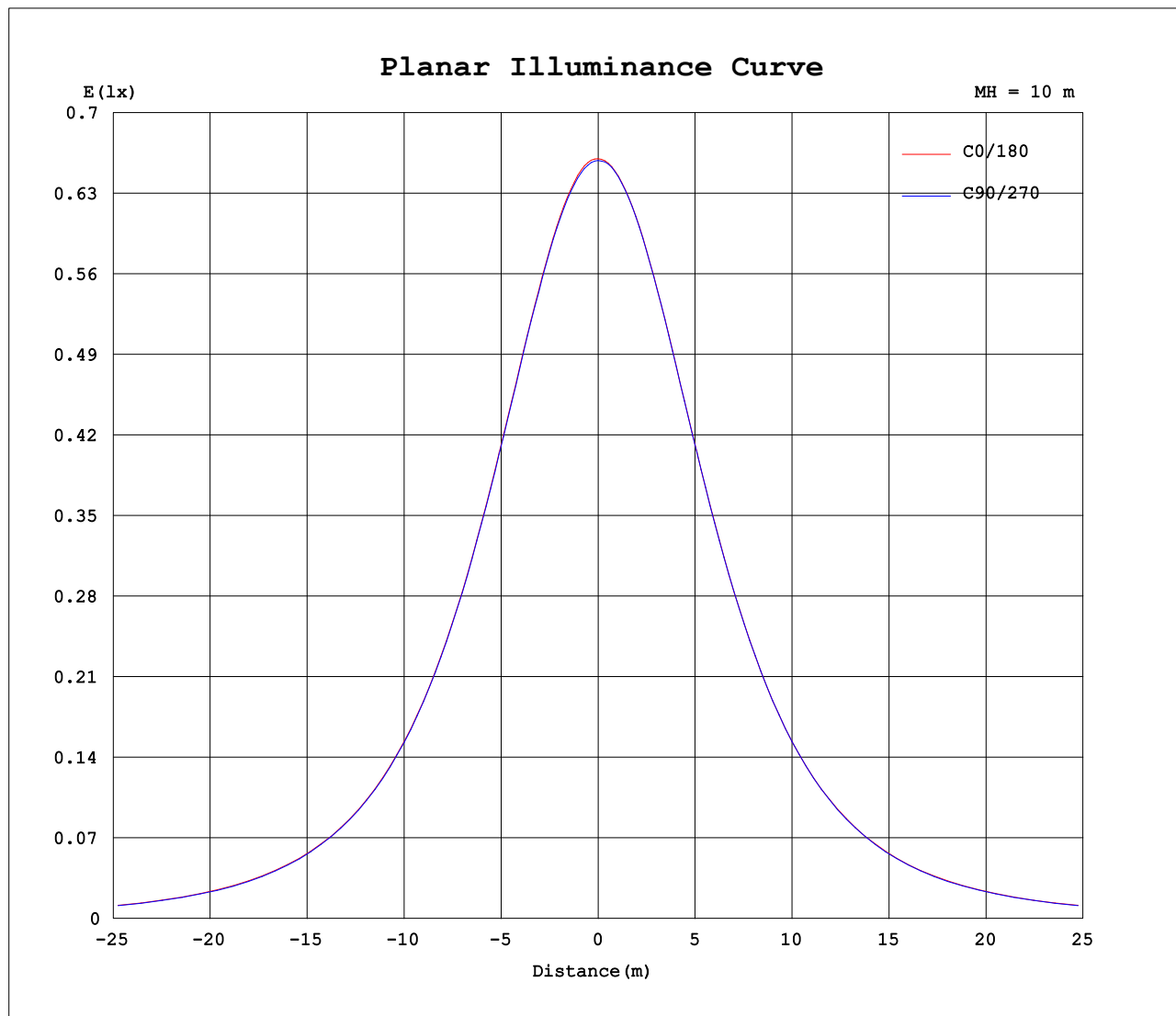
Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: White

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: White

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2272A P:5.453W PF:1.000 Lamp Flux:202.74x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	66.0	65.9	65.9	65.8	65.8	65.9	66.0	65.9	65.9	65.8	65.8	65.9						
5	65.7	65.6	65.6	65.5	65.5	65.5	65.7	65.6	65.6	65.6	65.6	65.6						
10	64.8	64.8	64.7	64.6	64.6	64.6	64.8	64.7	64.7	64.7	64.7	64.7						
15	63.2	63.3	63.1	63.1	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2						
20	61.1	61.2	61.0	61.0	60.8	61.0	61.1	61.1	61.1	61.1	61.2	61.0						
25	58.4	58.5	58.3	58.3	58.2	58.4	58.5	58.4	58.5	58.4	58.6	58.4						
30	55.3	55.4	55.2	55.1	55.0	55.2	55.3	55.3	55.4	55.3	55.5	55.2						
35	51.7	51.8	51.6	51.6	51.4	51.6	51.7	51.7	51.9	51.8	52.0	51.7						
40	47.7	47.9	47.6	47.6	47.4	47.7	47.8	47.8	48.0	47.8	48.1	47.8						
45	43.5	43.7	43.4	43.3	43.2	43.5	43.5	43.5	43.7	43.5	43.8	43.6						
50	39.0	39.3	38.9	38.8	38.7	39.0	39.0	39.0	39.2	39.0	39.3	39.1						
55	34.4	34.7	34.2	34.2	34.0	34.3	34.4	34.3	34.6	34.2	34.6	34.4						
60	29.7	29.9	29.5	29.4	29.3	29.6	29.6	29.6	29.7	29.4	29.8	29.7						
65	25.0	25.2	24.7	24.6	24.4	24.8	24.8	24.7	24.8	24.5	25.0	24.9						
70	20.2	20.4	19.9	19.7	19.6	20.0	20.0	19.8	19.9	19.6	20.2	20.2						
75	15.6	15.7	15.1	14.8	14.7	15.1	15.2	14.9	15.0	14.7	15.4	15.5						
80	10.9	11.0	10.4	9.98	9.96	10.4	10.4	10.1	10.1	9.82	10.6	10.8						
85	6.35	6.41	5.73	5.24	5.20	5.71	5.64	5.24	5.33	4.91	5.84	6.15						
90	3.16	2.95	1.98	0.99	1.62	2.33	2.34	2.08	1.47	0.75	1.86	2.72						
95	2.01	1.84	1.53	1.03	1.24	1.36	1.13	1.15	1.01	0.75	1.18	1.61						
100	1.98	1.82	1.44	1.07	1.24	1.36	1.13	1.14	1.02	0.79	1.11	1.54						
105	1.95	1.73	1.41	1.10	1.24	1.36	1.14	1.14	1.04	0.87	1.07	1.53						
110	1.88	1.67	1.36	1.13	1.24	1.36	1.15	1.14	1.07	0.89	1.04	1.53						
115	1.84	1.63	1.36	1.13	1.24	1.36	1.16	1.14	1.10	0.90	1.07	1.50						
120	1.80	1.63	1.33	1.14	1.24	1.36	1.19	1.14	1.13	0.92	1.11	1.43						
125	1.77	1.58	1.30	1.15	1.24	1.36	1.20	1.16	1.14	0.97	1.14	1.41						
130	1.71	1.54	1.29	1.18	1.24	1.37	1.21	1.16	1.17	1.00	1.19	1.24						
135	1.68	1.44	1.29	1.21	1.25	1.38	1.23	1.18	1.21	1.06	1.22	1.29						
140	1.65	1.38	1.26	1.26	1.26	1.38	1.26	1.20	1.24	1.10	1.24	1.29						
145	1.60	1.35	1.25	1.28	1.28	1.38	1.28	1.25	1.27	1.16	1.26	1.29						
150	1.55	1.35	1.25	1.32	1.29	1.38	1.29	1.25	1.30	1.21	1.28	1.29						
155	1.53	1.31	1.33	1.36	1.34	1.38	1.31	1.27	1.33	1.25	1.31	1.29						
160	1.48	1.31	1.34	1.38	1.34	1.38	1.33	1.29	1.35	1.28	1.34	1.29						
165	1.41	1.37	1.35	1.38	1.34	1.38	1.34	1.34	1.38	1.33	1.36	1.30						
170	1.32	1.38	1.35	1.38	1.36	1.38	1.29	1.36	1.38	1.34	1.38	1.35						
175	1.31	1.38	1.36	1.38	1.37	1.38	1.29	1.36	1.38	1.36	1.38	1.35						
180	1.31	1.38	1.38	1.38	1.38	1.38	1.29	1.37	1.38	1.38	1.38	1.37						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: White

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	66.00	65.92	65.86	65.85	65.83	65.85	66.00	65.92	65.86	65.85
3.0	65.95	65.82	65.81	65.72	65.75	65.73	65.88	65.85	65.76	65.81
6.0	65.61	65.51	65.47	65.38	65.39	65.39	65.54	65.51	65.45	65.49
9.0	65.03	64.98	64.90	64.84	64.81	64.84	64.99	64.96	64.92	64.94
12.0	64.22	64.24	64.11	64.07	63.98	64.08	64.21	64.18	64.16	64.16
15.0	63.23	63.26	63.12	63.08	62.98	63.08	63.22	63.17	63.20	63.17
18.0	61.99	62.06	61.88	61.86	61.74	61.89	62.01	62.00	62.02	62.02
21.0	60.62	60.64	60.50	60.47	60.35	60.51	60.62	60.60	60.65	60.57
24.0	58.99	59.11	58.89	58.85	58.72	58.92	59.03	58.99	59.08	59.00
27.0	57.22	57.33	57.12	57.06	56.94	57.14	57.25	57.25	57.35	57.21
30.0	55.29	55.39	55.18	55.13	54.99	55.22	55.32	55.31	55.45	55.27
33.0	53.16	53.33	53.05	53.03	52.88	53.11	53.22	53.17	53.38	53.16
36.0	50.93	51.05	50.82	50.81	50.62	50.87	50.99	51.00	51.15	50.97
39.0	48.56	48.72	48.44	48.37	48.25	48.54	48.61	48.55	48.81	48.64
42.0	46.06	46.27	45.95	45.94	45.75	46.04	46.12	46.09	46.34	46.12
45.0	43.51	43.68	43.38	43.34	43.18	43.46	43.55	43.54	43.74	43.53
48.0	40.84	41.03	40.71	40.62	40.51	40.81	40.87	40.76	41.08	40.82
51.0	38.11	38.32	37.97	37.91	37.78	38.05	38.13	38.11	38.35	38.01
54.0	35.33	35.59	35.16	35.12	34.98	35.27	35.34	35.21	35.47	35.21
57.0	32.52	32.72	32.33	32.22	32.11	32.47	32.50	32.37	32.63	32.32
60.0	29.71	29.93	29.48	29.42	29.25	29.58	29.64	29.57	29.73	29.36
63.0	26.87	27.03	26.62	26.47	26.36	26.69	26.76	26.61	26.74	26.48
66.0	24.03	24.22	23.75	23.56	23.46	23.81	23.88	23.68	23.81	23.54
69.0	21.19	21.36	20.86	20.67	20.55	20.92	20.97	20.77	20.87	20.58
72.0	18.37	18.47	17.99	17.72	17.64	18.12	18.07	17.94	17.92	17.66
75.0	15.55	15.68	15.13	14.83	14.74	15.14	15.18	14.92	14.99	14.68
78.0	12.76	12.85	12.29	11.94	11.86	12.37	12.32	12.01	12.08	11.71
81.0	9.985	10.06	9.457	9.051	8.993	9.392	9.447	9.143	9.183	8.908
84.0	7.222	7.314	6.648	6.158	6.149	6.651	6.589	6.236	6.307	5.842
87.0	4.831	4.706	3.877	3.331	3.338	3.926	4.001	3.603	3.447	3.141
90.0	3.162	2.948	1.983	0.9916	1.618	2.332	2.342	2.075	1.475	0.7546
93.0	2.138	1.901	1.526	1.009	1.244	1.396	1.313	1.204	1.009	0.7452
96.0	2.007	1.831	1.531	1.039	1.238	1.361	1.132	1.150	1.009	0.7627
99.0	1.983	1.825	1.461	1.062	1.238	1.361	1.132	1.138	1.027	0.7862
102.0	1.972	1.795	1.414	1.080	1.238	1.361	1.138	1.138	1.033	0.8156
105.0	1.954	1.731	1.408	1.103	1.238	1.361	1.138	1.138	1.044	0.8682
108.0	1.901	1.707	1.379	1.121	1.238	1.361	1.144	1.138	1.062	0.8684
111.0	1.872	1.672	1.361	1.127	1.238	1.361	1.150	1.138	1.068	0.8918
114.0	1.843	1.643	1.361	1.132	1.238	1.361	1.156	1.138	1.091	0.9036
117.0	1.825	1.625	1.350	1.132	1.238	1.361	1.174	1.138	1.109	0.9095
120.0	1.796	1.625	1.332	1.138	1.238	1.361	1.185	1.144	1.127	0.9212
123.0	1.772	1.608	1.309	1.150	1.238	1.361	1.191	1.156	1.133	0.9681
126.0	1.755	1.567	1.297	1.156	1.238	1.367	1.197	1.156	1.156	0.9682
129.0	1.731	1.549	1.285	1.174	1.244	1.367	1.209	1.156	1.168	0.9974
132.0	1.707	1.519	1.285	1.191	1.244	1.373	1.215	1.173	1.191	1.039
135.0	1.684	1.443	1.285	1.215	1.250	1.379	1.232	1.179	1.209	1.062
138.0	1.655	1.408	1.273	1.232	1.250	1.379	1.250	1.197	1.226	1.085
141.0	1.637	1.355	1.250	1.262	1.267	1.379	1.267	1.209	1.238	1.115
144.0	1.614	1.350	1.250	1.279	1.279	1.379	1.279	1.250	1.262	1.144
147.0	1.579	1.350	1.250	1.297	1.279	1.379	1.291	1.250	1.285	1.168
150.0	1.555	1.349	1.250	1.320	1.291	1.379	1.291	1.250	1.303	1.209
153.0	1.537	1.326	1.303	1.344	1.320	1.379	1.308	1.262	1.320	1.238
156.0	1.520	1.308	1.332	1.367	1.338	1.379	1.308	1.285	1.332	1.250
159.0	1.508	1.314	1.344	1.379	1.344	1.379	1.320	1.291	1.344	1.279
162.0	1.461	1.320	1.344	1.379	1.344	1.379	1.338	1.308	1.367	1.302
165.0	1.414	1.373	1.349	1.379	1.344	1.379	1.338	1.344	1.385	1.326
168.0	1.373	1.379	1.350	1.379	1.355	1.379	1.285	1.350	1.379	1.338
171.0	1.320	1.379	1.361	1.379	1.367	1.379	1.285	1.355	1.379	1.344
174.0	1.314	1.379	1.361	1.379	1.367	1.379	1.285	1.355	1.379	1.355
177.0	1.314	1.379	1.379	1.379	1.373	1.379	1.285	1.361	1.379	1.367
180.0	1.314	1.379	1.379	1.379	1.379	1.379	1.285	1.373	1.379	1.379
G/C	300.0	330.0								
0.0	65.83	65.85								
3.0	65.75	65.82								
6.0	65.44	65.51								
9.0	64.93	64.97								
12.0	64.19	64.18								
15.0	63.23	63.17								
18.0	62.06	62.01								
21.0	60.71	60.54								
24.0	59.14	58.97								
27.0	57.41	57.17								
30.0	55.52	55.23								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYH
 Test Date: 2024-08-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks: White

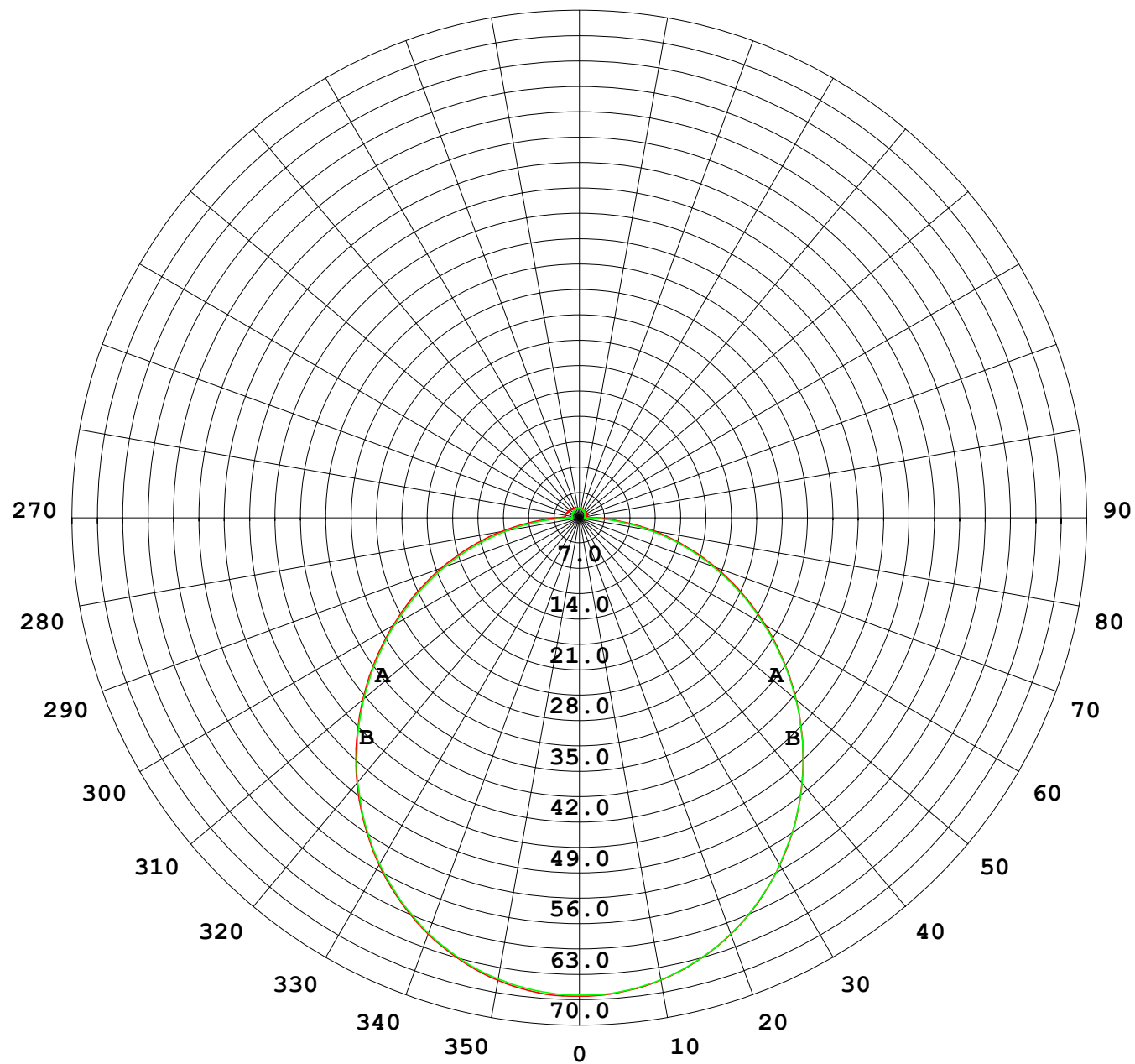
Photometric Data Table [cd]

33.0	53.43	53.12
36.0	51.22	50.93
39.0	48.86	48.61
42.0	46.38	46.12
45.0	43.79	43.57
48.0	41.10	40.89
51.0	38.35	38.14
54.0	35.54	35.39
57.0	32.71	32.56
60.0	29.83	29.70
63.0	26.94	26.87
66.0	24.06	24.02
69.0	21.15	21.14
72.0	18.25	18.33
75.0	15.37	15.48
78.0	12.49	12.61
81.0	9.641	9.853
84.0	6.800	7.062
87.0	3.975	4.466
90.0	1.856	2.721
93.0	1.191	1.721
96.0	1.173	1.608
99.0	1.144	1.537
102.0	1.074	1.479
105.0	1.068	1.526
108.0	1.050	1.526
111.0	1.044	1.514
114.0	1.056	1.490
117.0	1.115	1.473
120.0	1.115	1.432
123.0	1.121	1.414
126.0	1.144	1.391
129.0	1.185	1.238
132.0	1.215	1.250
135.0	1.221	1.291
138.0	1.232	1.285
141.0	1.244	1.285
144.0	1.250	1.285
147.0	1.268	1.285
150.0	1.279	1.285
153.0	1.308	1.285
156.0	1.314	1.285
159.0	1.332	1.285
162.0	1.350	1.285
165.0	1.361	1.302
168.0	1.385	1.344
171.0	1.379	1.350
174.0	1.379	1.350
177.0	1.379	1.355
180.0	1.379	1.373

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

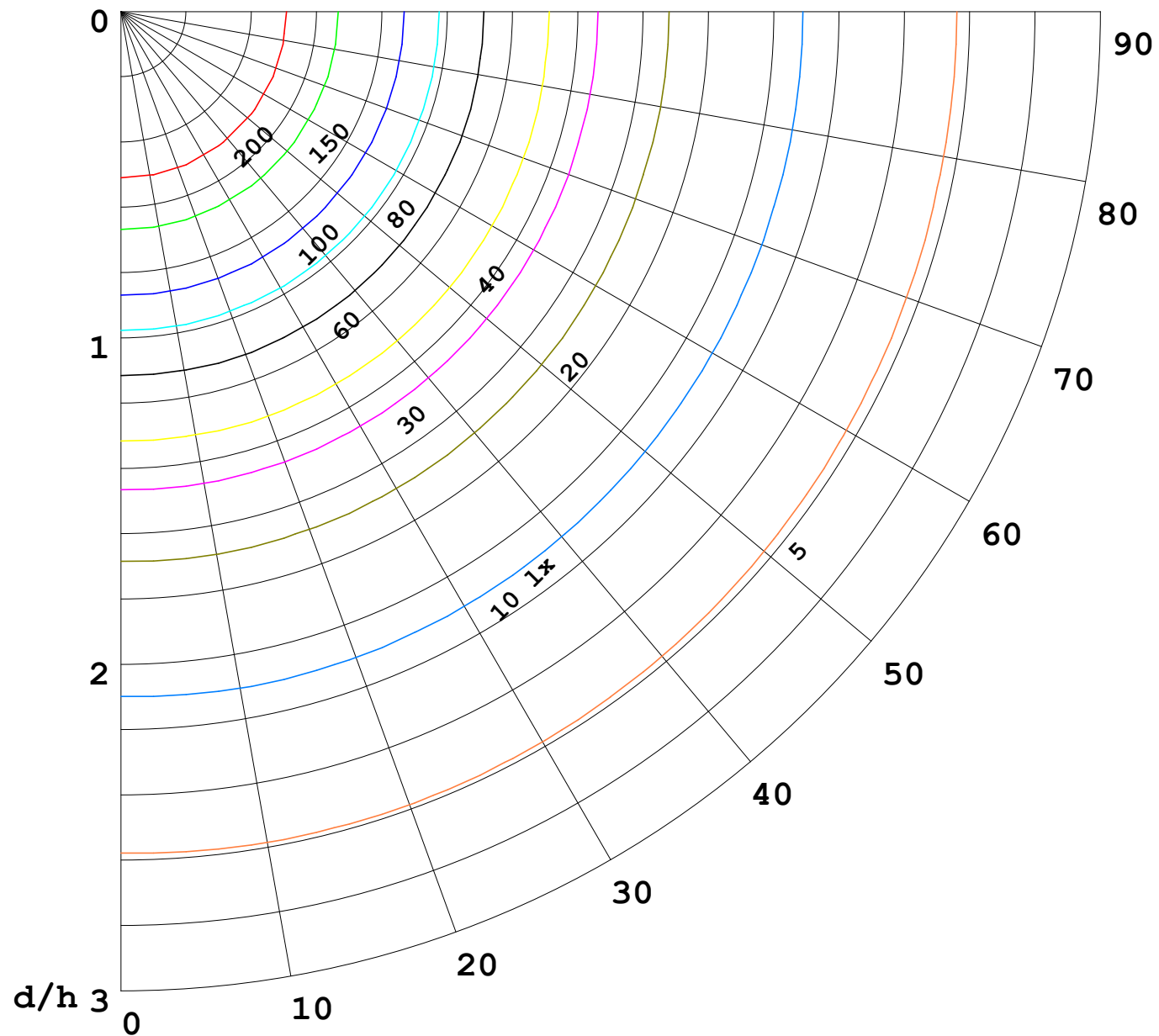
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: White

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

