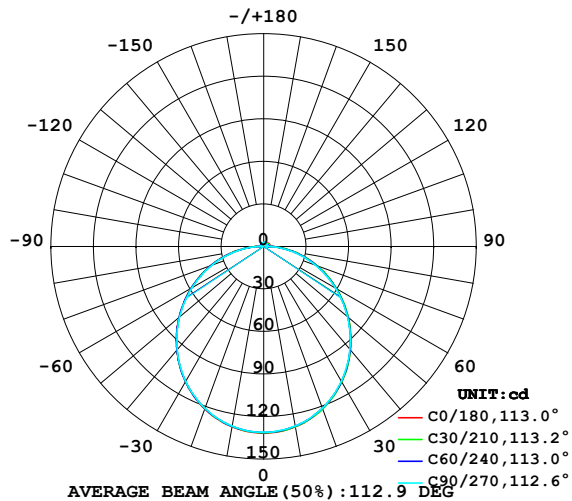


LUMINAIRE PHOTOMETRIC TEST REPORT

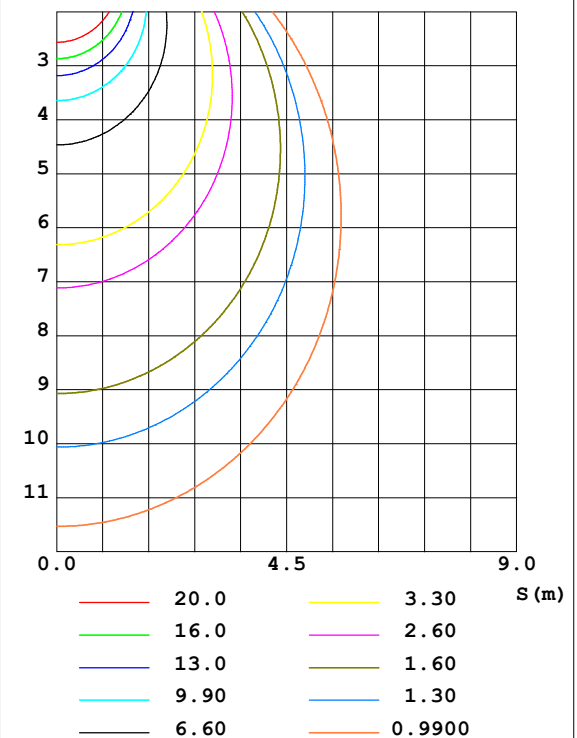
Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 22.23 lm/W			
MODEL		I _{max} (cd)	131.6	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)		TOTAL FLUX (lm)	403.29	η UP, DN (C0-180)	2.2, 47.9
NOMINAL FLUX (lm)	403.29	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.8, 48.0
LAMPS INSIDE	1	η up (%)	4.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	96.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



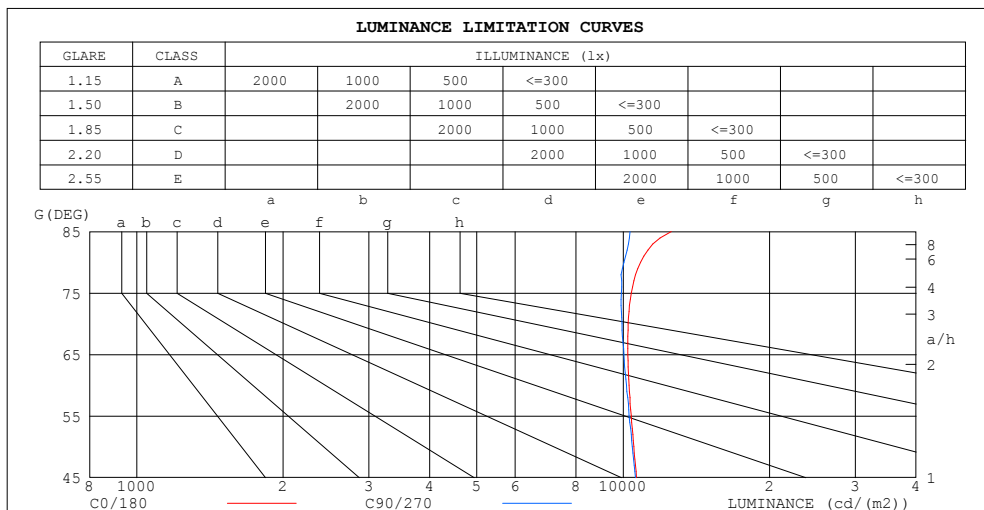
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYH
Test Date: 2024-08-03

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: RGBW

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	129.1	128.9	128.5	128.4	129.1	128.8	128.6	128.6	0- 10	12.41	12.41	3.08,3.08
20	121.7	121.7	121.4	121.1	121.9	121.6	121.4	121.5	10- 20	35.47	47.87	11.9,11.9
30	110.2	110.1	109.7	109.6	110.3	110.2	110.0	110.1	20- 30	53.56	101.4	25.2,25.2
40	95.13	95.09	94.66	94.59	95.29	95.31	95.04	95.22	30- 40	64.36	165.8	41.1,41.1
50	77.71	77.69	77.19	77.21	77.88	77.87	77.46	77.84	40- 50	66.79	232.6	57.7,57.7
60	59.14	59.05	58.41	58.50	59.22	58.94	58.43	59.16	50- 60	61.13	293.7	72.8,72.8
70	40.26	40.04	39.11	39.30	39.92	39.59	39.00	40.15	60- 70	48.80	342.5	84.9,84.9
80	21.68	21.25	20.04	20.20	20.75	20.30	19.68	21.27	70- 80	31.82	374.3	92.8,92.8
90	6.207	4.887	1.989	3.886	4.732	3.544	1.442	4.524	80- 90	12.62	387.0	96,96
100	3.920	3.307	2.148	2.582	2.247	2.071	1.555	2.546	90-100	3.042	390.0	96.7,96.7
110	3.715	3.063	2.265	2.585	2.259	2.118	1.743	2.517	100-110	2.703	392.7	97.4,97.4
120	3.538	2.957	2.288	2.585	2.312	2.183	1.842	2.376	110-120	2.501	395.2	98,98
130	3.398	2.840	2.365	2.602	2.365	2.268	1.995	2.438	120-130	2.259	397.5	98.6,98.6
140	3.233	2.637	2.494	2.649	2.453	2.385	2.195	2.479	130-140	1.969	399.4	99,99
150	3.045	2.626	2.641	2.705	2.453	2.506	2.400	2.520	140-150	1.617	401.0	99.4,99.4
160	2.923	2.649	2.729	2.720	2.564	2.599	2.558	2.579	150-160	1.221	402.3	99.7,99.7
170	2.652	2.746	2.770	2.758	2.553	2.711	2.681	2.693	160-170	0.7602	403.0	99.9,99.9
180	2.640	2.761	2.764	2.758	2.588	2.758	2.764	2.767	170-180	0.2598	403.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12555	10327
80	10855	10035
75	10395	9923
70	10236	9943
65	10222	10035
60	10284	10158
55	10388	10289
50	10513	10442
45	10656	10594

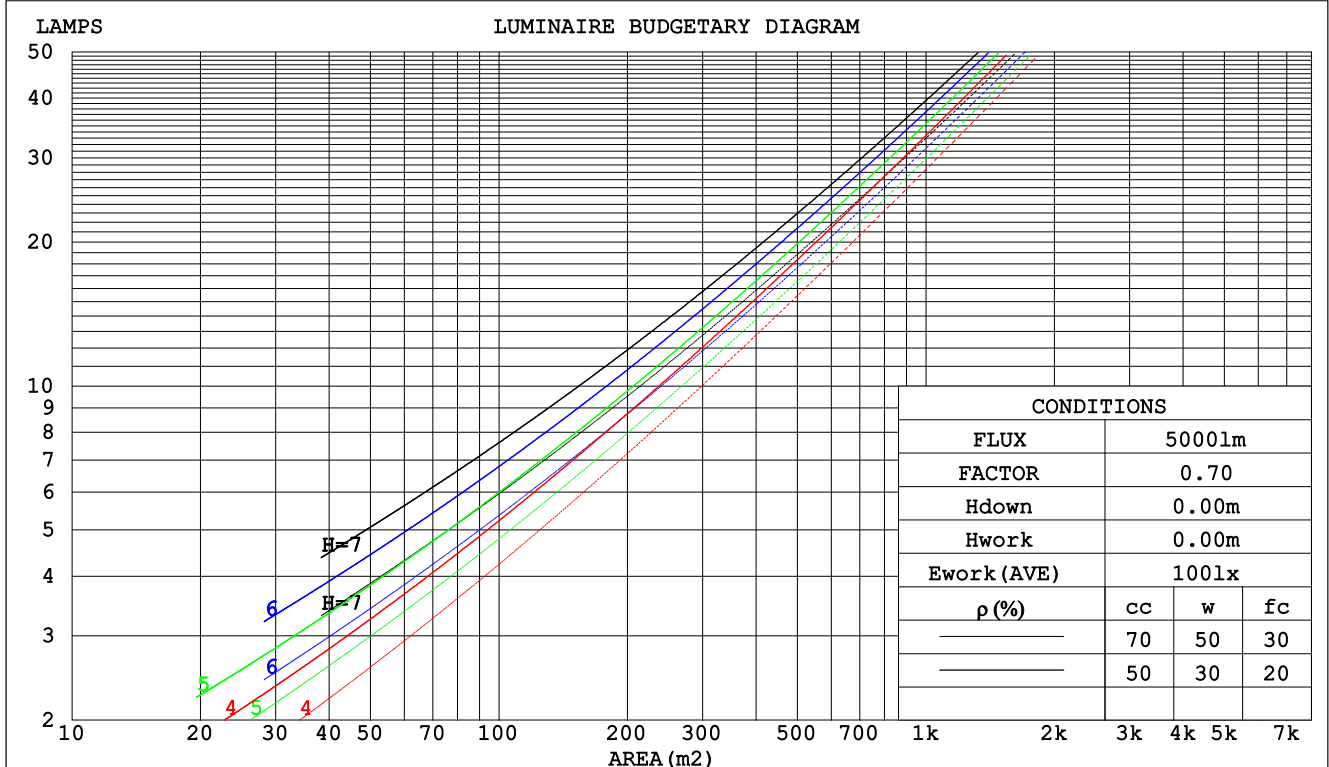
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

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: RGBW

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 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	.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	.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: RGBW

WEC AND CCEC

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 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	.281	.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	.217	.118	.036		
5.0	.233	.119	.034	.228	.117	.034	.218	.114	.033	.209	.110	.033	.200	.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	.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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.213	.187	.164	.182	.161	.141	.124	.110	.098	.072	.064	.057	.023	.021	.018	
2.0	.205	.163	.128	.176	.140	.111	.120	.097	.077	.069	.057	.045	.022	.018	.015	
3.0	.197	.146	.105	.169	.126	.091	.116	.087	.064	.067	.051	.038	.022	.017	.012	
4.0	.190	.133	.089	.163	.115	.078	.112	.080	.055	.065	.047	.032	.021	.015	.011	
5.0	.182	.122	.078	.156	.106	.068	.108	.074	.048	.062	.043	.029	.020	.014	.009	
6.0	.175	.114	.071	.150	.099	.062	.104	.069	.044	.060	.041	.026	.019	.013	.009	
7.0	.168	.107	.065	.144	.093	.057	.100	.065	.040	.058	.038	.024	.019	.013	.008	
8.0	.161	.102	.061	.139	.088	.053	.096	.062	.037	.056	.036	.022	.018	.012	.007	
9.0	.155	.097	.057	.134	.084	.050	.093	.059	.035	.054	.035	.021	.017	.011	.007	
10.0	.149	.092	.054	.129	.080	.048	.089	.056	.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: RGBW

Uncorrected UGR Table

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 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	20.8	22.3	21.1	22.5	22.8	20.7	22.2	21.0	22.5	22.8	
	3H	22.5	23.9	22.9	24.2	24.5	22.4	23.8	22.8	24.1	
	4H	23.3	24.6	23.7	24.9	25.3	23.2	24.5	23.5	24.8	
	6H	24.0	25.2	24.4	25.6	25.9	23.8	25.0	24.2	25.4	
	8H	24.3	25.5	24.7	25.8	26.2	24.0	25.2	24.4	25.6	
	12H	24.5	25.7	24.9	26.0	26.4	24.2	25.4	24.6	25.7	
4H	2H	21.4	22.7	21.8	23.0	23.4	21.4	22.7	21.7	23.0	
	3H	23.3	24.5	23.8	24.9	25.3	23.3	24.4	23.7	24.8	
	4H	24.3	25.3	24.7	25.7	26.2	24.2	25.2	24.6	25.6	
	6H	25.1	26.1	25.6	26.5	27.0	24.9	25.9	25.4	26.3	
	8H	25.5	26.4	26.0	26.8	27.3	25.3	26.1	25.7	26.6	
	12H	25.8	26.6	26.3	27.1	27.6	25.5	26.3	26.0	26.8	
8H	4H	24.6	25.5	25.1	25.9	26.4	24.5	25.4	25.0	25.8	
	6H	25.7	26.4	26.2	26.9	27.4	25.5	26.2	26.0	26.7	
	8H	26.2	26.8	26.7	27.3	27.9	25.9	26.6	26.5	27.1	
	12H	26.6	27.2	27.2	27.7	28.3	26.3	26.9	26.9	27.4	
12H	4H	24.7	25.5	25.2	25.9	26.4	24.6	25.4	25.1	25.8	
	6H	25.8	26.4	26.3	26.9	27.5	25.6	26.3	26.1	26.8	
	8H	26.4	26.9	26.9	27.4	28.0	26.1	26.7	26.7	27.2	
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 403.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.2)

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: RGBW

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

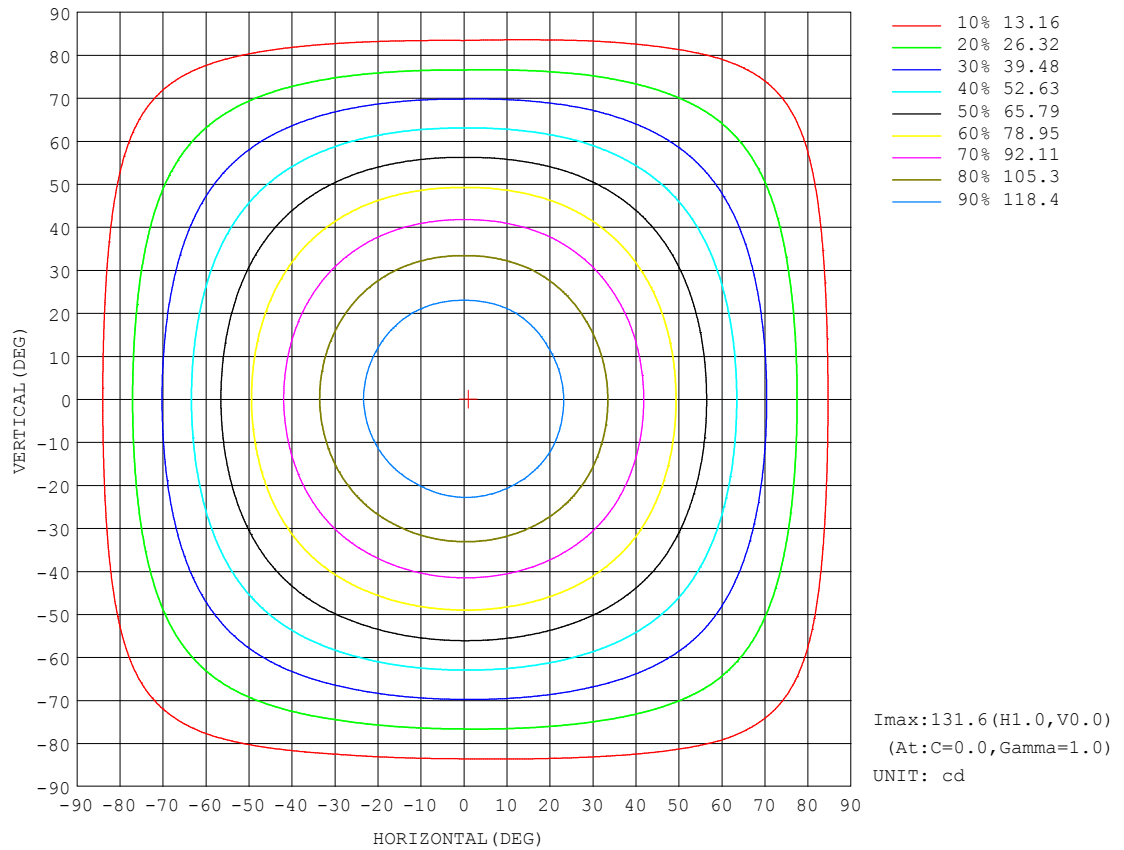
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	37	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	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: RGBW

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

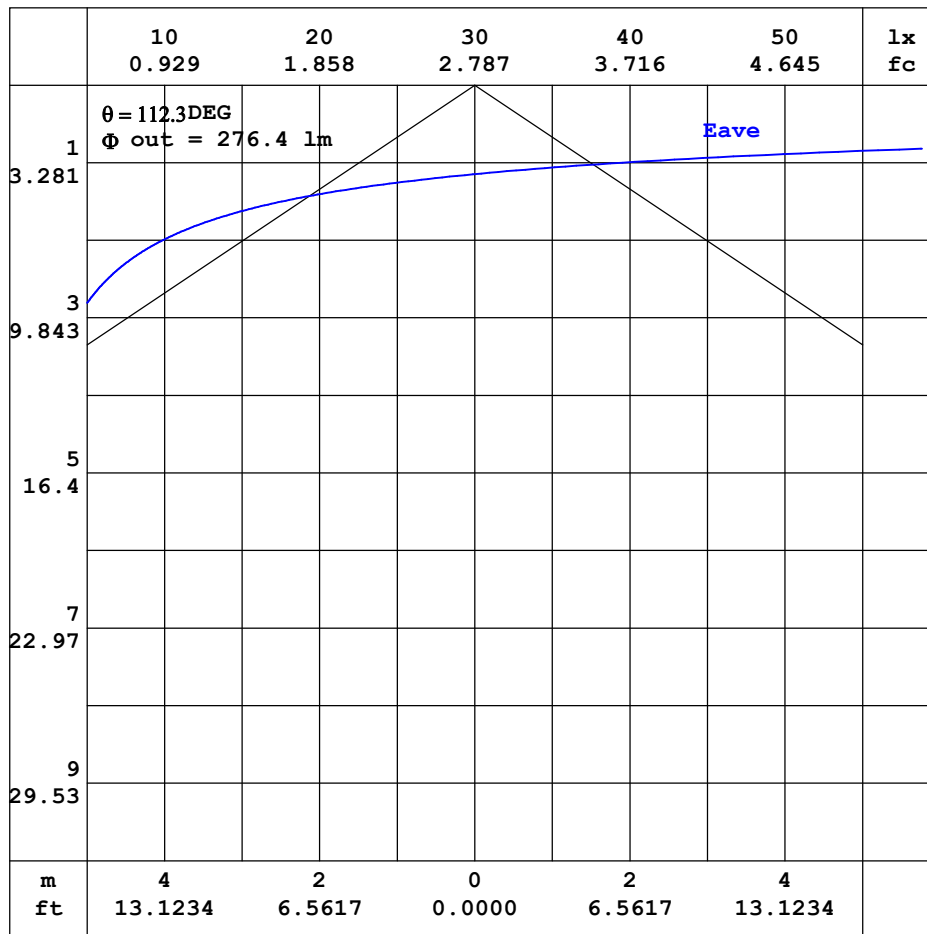


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYH
Test Date:2024-08-03

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: RGBW

AAI CURVES

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



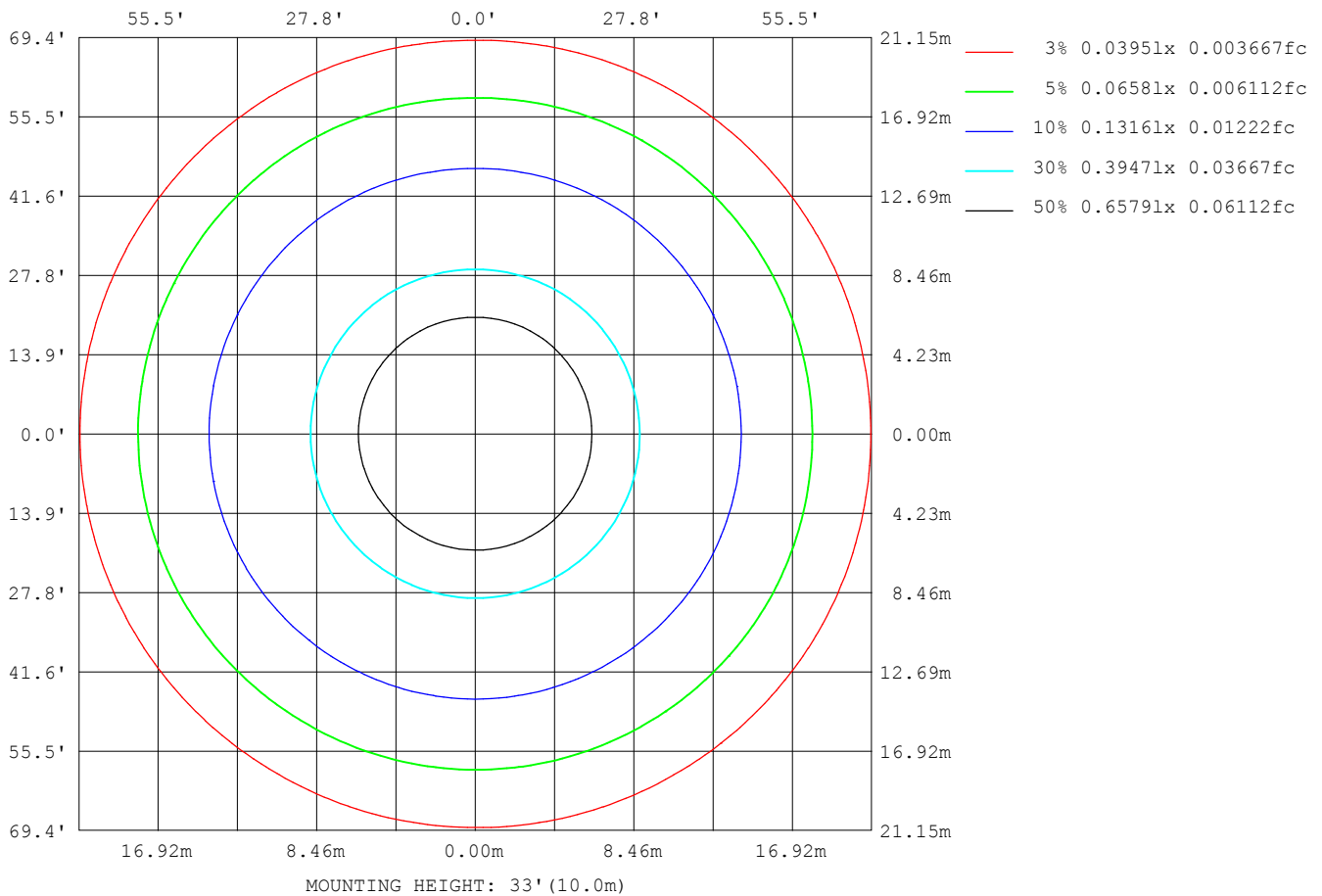
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: RGBW

ISOLUX DIAGRAM

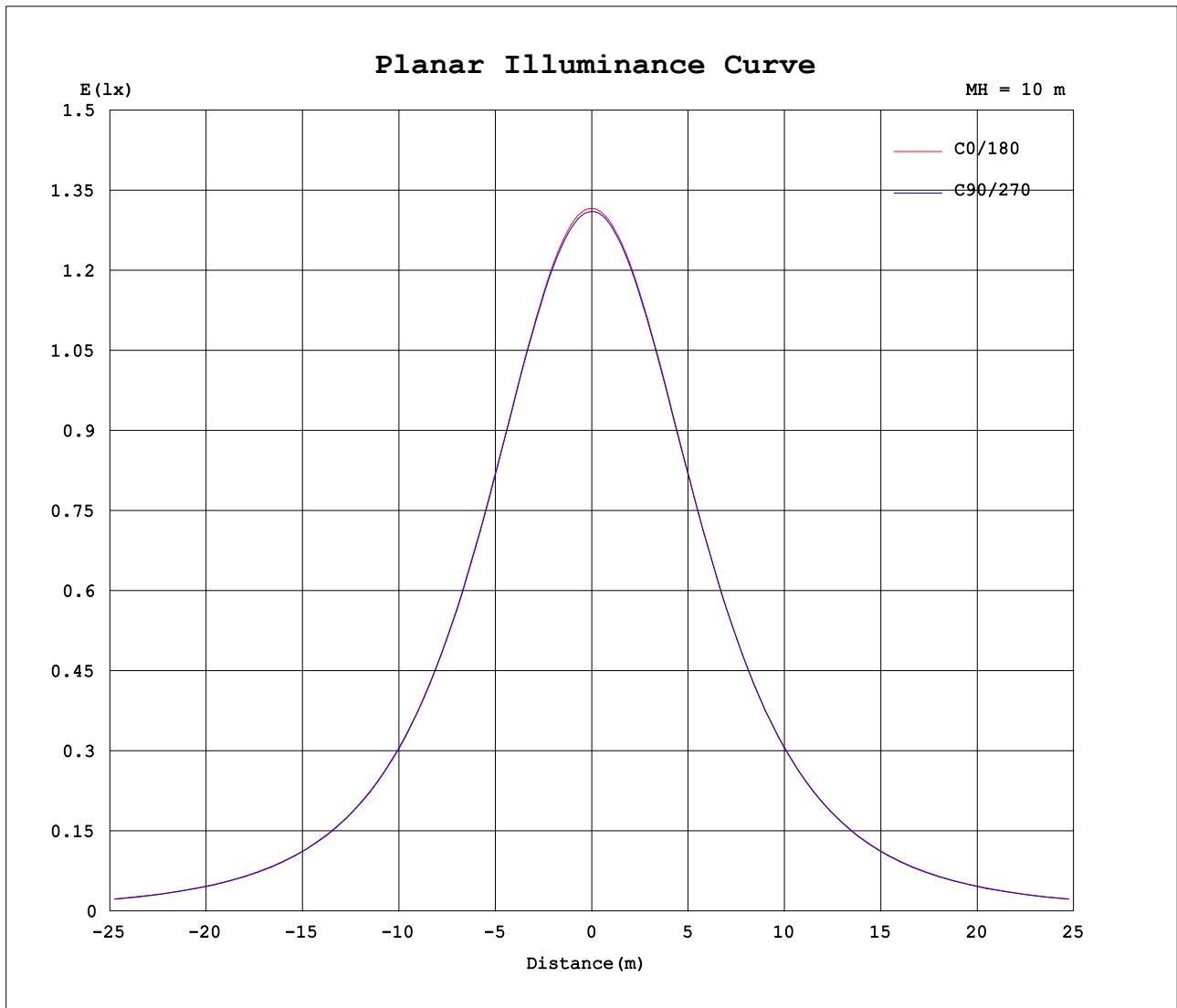
Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 lm		
NAME: SF15-24V-5050-60-RGBW3000K	TYPE:	WEIGHT:
DIM.: Length=1m	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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: RGBW

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: RGBW

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7558A P:18.14W PF:1.000 Lamp Flux:403.29x1 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	132	131	131	131	131	131	132	131	131	131	131	131						
5	131	131	131	130	130	130	131	131	131	130	130	130						
10	129	129	129	129	128	128	129	129	129	129	129	129						
15	126	126	126	126	125	125	126	126	126	126	126	126						
20	122	122	121	121	121	121	122	122	122	121	122	121						
25	116	117	116	116	116	116	117	116	116	116	116	116						
30	110	110	110	110	109	110	110	110	110	110	110	110						
35	103	103	103	103	102	103	103	103	103	103	103	103						
40	95.1	95.3	94.9	94.7	94.4	94.8	95.3	95.3	95.3	95.0	95.4	95.0						
45	86.7	86.8	86.4	86.2	85.9	86.3	86.8	86.8	86.9	86.5	86.9	86.6						
50	77.7	77.9	77.4	77.2	77.0	77.4	77.9	77.8	77.9	77.5	78.0	77.7						
55	68.5	68.7	68.2	67.9	67.7	68.2	68.7	68.5	68.6	68.1	68.7	68.5						
60	59.1	59.4	58.7	58.4	58.2	58.8	59.2	58.9	59.0	58.4	59.3	59.1						
65	49.7	49.9	49.2	48.8	48.6	49.2	49.6	49.3	49.2	48.7	49.6	49.6						
70	40.3	40.4	39.7	39.1	39.0	39.6	39.9	39.7	39.5	39.0	40.1	40.2						
75	30.9	31.1	30.2	29.5	29.4	30.1	30.3	30.0	29.8	29.3	30.5	30.8						
80	21.7	21.7	20.8	20.0	19.9	20.5	20.8	20.5	20.1	19.7	21.0	21.5						
85	12.6	12.5	11.5	10.4	10.4	11.1	11.3	10.9	10.6	10.1	11.6	12.3						
90	6.21	5.78	3.99	1.99	3.20	4.57	4.73	4.16	2.93	1.44	3.67	5.38						
95	3.98	3.71	3.08	2.06	2.47	2.69	2.25	2.23	1.93	1.44	2.15	3.19						
100	3.92	3.69	2.92	2.15	2.47	2.69	2.25	2.19	1.95	1.55	2.13	2.96						
105	3.87	3.56	2.78	2.22	2.47	2.69	2.25	2.19	1.99	1.65	2.04	2.97						
110	3.71	3.44	2.69	2.26	2.48	2.69	2.26	2.20	2.04	1.74	2.15	2.88						
115	3.61	3.36	2.68	2.28	2.48	2.69	2.28	2.20	2.07	1.82	2.21	2.40						
120	3.54	3.30	2.62	2.29	2.48	2.69	2.31	2.23	2.14	1.84	2.20	2.55						
125	3.46	3.22	2.56	2.31	2.48	2.70	2.34	2.29	2.19	1.90	2.15	2.62						
130	3.40	3.13	2.55	2.36	2.50	2.70	2.36	2.30	2.24	1.99	2.21	2.66						
135	3.33	2.93	2.55	2.43	2.53	2.72	2.41	2.36	2.32	2.08	2.30	2.57						
140	3.23	2.76	2.51	2.49	2.56	2.73	2.45	2.39	2.38	2.19	2.39	2.56						
145	3.13	2.70	2.51	2.55	2.60	2.75	2.45	2.46	2.44	2.27	2.42	2.56						
150	3.05	2.69	2.56	2.64	2.65	2.76	2.45	2.50	2.51	2.40	2.48	2.56						
155	3.02	2.65	2.67	2.69	2.66	2.76	2.55	2.55	2.58	2.48	2.57	2.55						
160	2.92	2.63	2.67	2.73	2.68	2.76	2.56	2.58	2.62	2.56	2.62	2.54						
165	2.87	2.72	2.68	2.77	2.70	2.76	2.55	2.66	2.69	2.63	2.66	2.63						
170	2.65	2.76	2.73	2.77	2.76	2.76	2.55	2.68	2.75	2.68	2.73	2.66						
175	2.64	2.76	2.76	2.77	2.76	2.76	2.59	2.73	2.77	2.76	2.76	2.72						
180	2.64	2.76	2.76	2.76	2.76	2.76	2.59	2.75	2.76	2.76	2.76	2.77						

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: RGBW

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	131.6	131.3	131.1	131.0	130.9	130.9	131.6	131.3	131.1	131.0
3.0	131.4	131.1	131.0	130.8	130.7	130.7	131.4	131.1	130.9	130.9
6.0	130.8	130.5	130.3	130.1	130.0	130.0	130.7	130.5	130.3	130.2
9.0	129.6	129.5	129.2	129.0	128.8	128.9	129.6	129.3	129.2	129.1
12.0	128.0	128.0	127.6	127.5	127.2	127.4	128.0	127.8	127.7	127.6
15.0	126.0	126.0	125.6	125.5	125.2	125.5	126.1	125.8	125.8	125.6
18.0	123.6	123.7	123.2	123.2	122.7	123.1	123.7	123.5	123.4	123.2
21.0	120.7	120.9	120.4	120.4	119.9	120.3	120.9	120.7	120.7	120.5
24.0	117.5	117.7	117.2	117.2	116.8	117.2	117.8	117.4	117.6	117.3
27.0	114.1	114.1	113.8	113.5	113.3	113.5	114.1	114.1	114.0	113.9
30.0	110.2	110.3	109.9	109.7	109.4	109.8	110.3	110.2	110.2	110.0
33.0	106.0	106.1	105.7	105.5	105.2	105.6	106.1	106.0	106.1	105.8
36.0	101.5	101.6	101.2	101.0	100.7	101.1	101.6	101.6	101.6	101.4
39.0	96.74	96.91	96.51	96.33	96.00	96.44	96.92	96.88	96.96	96.65
42.0	91.78	91.96	91.57	91.36	91.06	91.50	92.00	91.93	92.02	91.67
45.0	86.65	86.83	86.42	86.15	85.94	86.33	86.84	86.78	86.87	86.50
48.0	81.35	81.57	81.10	80.85	80.62	81.07	81.55	81.45	81.57	81.13
51.0	75.90	76.13	75.64	75.35	75.16	75.62	76.12	75.98	76.07	75.60
54.0	70.39	70.60	70.06	69.77	69.58	70.09	70.49	70.41	70.46	70.00
57.0	64.75	65.07	64.43	64.19	63.94	64.54	64.89	64.71	64.79	64.26
60.0	59.14	59.36	58.74	58.41	58.23	58.78	59.22	58.92	58.96	58.43
63.0	53.47	53.65	53.05	52.59	52.50	53.00	53.37	53.21	53.13	52.69
66.0	47.81	48.00	47.32	46.86	46.70	47.29	47.60	47.42	47.32	46.83
69.0	42.17	42.31	41.57	41.01	40.92	41.51	41.82	41.56	41.44	40.93
72.0	36.55	36.65	35.87	35.22	35.14	35.75	36.06	35.83	35.58	35.13
75.0	30.94	31.07	30.20	29.54	29.40	30.08	30.33	30.00	29.78	29.27
78.0	25.36	25.43	24.51	23.68	23.62	24.33	24.56	24.13	23.97	23.36
81.0	19.83	19.83	18.89	18.21	17.94	18.63	18.87	18.50	18.23	17.68
84.0	14.33	14.31	13.31	12.37	12.28	12.97	13.17	12.83	12.49	11.94
87.0	9.580	9.179	7.807	6.787	6.722	7.754	7.980	7.490	6.795	6.178
90.0	6.207	5.784	3.989	1.989	3.201	4.570	4.732	4.162	2.926	1.442
93.0	4.223	3.860	3.087	2.024	2.476	2.821	2.631	2.362	1.925	1.443
96.0	3.967	3.697	3.069	2.077	2.470	2.693	2.247	2.218	1.936	1.472
99.0	3.931	3.691	2.958	2.124	2.470	2.693	2.247	2.200	1.948	1.537
102.0	3.908	3.673	2.864	2.171	2.470	2.693	2.247	2.194	1.966	1.613
105.0	3.867	3.561	2.781	2.218	2.470	2.693	2.247	2.194	1.989	1.655
108.0	3.761	3.485	2.717	2.253	2.470	2.693	2.259	2.194	2.019	1.713
111.0	3.691	3.421	2.682	2.277	2.476	2.693	2.271	2.200	2.042	1.760
114.0	3.644	3.391	2.682	2.277	2.476	2.693	2.277	2.200	2.060	1.801
117.0	3.585	3.327	2.664	2.277	2.476	2.693	2.289	2.200	2.083	1.819
120.0	3.538	3.297	2.617	2.288	2.476	2.693	2.312	2.230	2.136	1.842
123.0	3.486	3.239	2.576	2.306	2.476	2.699	2.324	2.259	2.171	1.866
126.0	3.450	3.198	2.547	2.312	2.488	2.699	2.341	2.288	2.206	1.913
129.0	3.415	3.133	2.547	2.353	2.488	2.699	2.365	2.306	2.236	1.965
132.0	3.374	3.039	2.547	2.382	2.511	2.711	2.388	2.312	2.259	2.024
135.0	3.333	2.933	2.547	2.429	2.529	2.723	2.406	2.359	2.318	2.083
138.0	3.269	2.845	2.529	2.476	2.558	2.723	2.429	2.371	2.353	2.153
141.0	3.221	2.752	2.511	2.506	2.570	2.740	2.447	2.406	2.388	2.200
144.0	3.157	2.717	2.505	2.541	2.599	2.746	2.447	2.452	2.435	2.270
147.0	3.092	2.693	2.511	2.582	2.611	2.758	2.447	2.482	2.459	2.306
150.0	3.045	2.687	2.564	2.641	2.652	2.758	2.453	2.499	2.512	2.400
153.0	3.028	2.658	2.652	2.676	2.652	2.764	2.529	2.517	2.553	2.470
156.0	3.010	2.640	2.670	2.699	2.664	2.764	2.547	2.552	2.594	2.494
159.0	2.993	2.617	2.670	2.723	2.681	2.758	2.564	2.564	2.611	2.546
162.0	2.910	2.646	2.670	2.746	2.693	2.758	2.564	2.593	2.641	2.576
165.0	2.869	2.717	2.681	2.770	2.705	2.758	2.547	2.664	2.693	2.634
168.0	2.735	2.758	2.705	2.770	2.752	2.758	2.547	2.670	2.729	2.652
171.0	2.646	2.758	2.740	2.770	2.758	2.758	2.564	2.687	2.764	2.687
174.0	2.640	2.758	2.758	2.770	2.758	2.758	2.588	2.711	2.770	2.740
177.0	2.640	2.758	2.758	2.769	2.758	2.758	2.588	2.752	2.764	2.758
180.0	2.640	2.758	2.764	2.764	2.758	2.758	2.588	2.752	2.764	2.764
G/C	300.0	330.0								
0.0	130.9	130.9								
3.0	130.8	130.8								
6.0	130.2	130.2								
9.0	129.1	129.1								
12.0	127.7	127.5								
15.0	125.8	125.5								
18.0	123.4	123.2								
21.0	120.7	120.4								
24.0	117.6	117.2								
27.0	114.0	113.8								
30.0	110.3	109.9								

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: RGBW

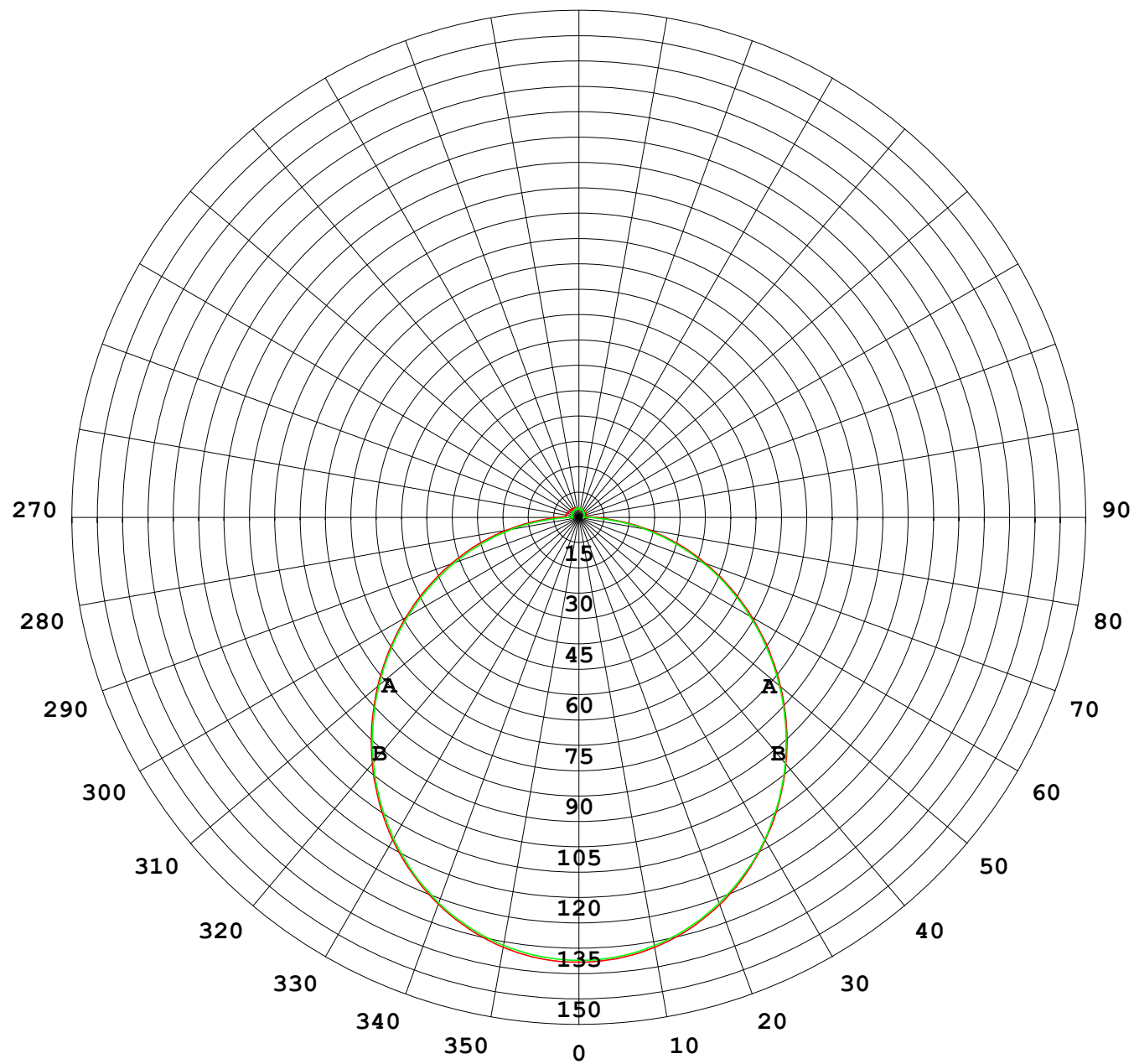
Photometric Data Table [cd]

33.0	106.1	105.7
36.0	101.7	101.3
39.0	97.02	96.63
42.0	92.09	91.69
45.0	86.93	86.58
48.0	81.63	81.29
51.0	76.19	75.87
54.0	70.60	70.37
57.0	64.95	64.76
60.0	59.26	59.06
63.0	53.50	53.45
66.0	47.77	47.77
69.0	42.00	42.04
72.0	36.22	36.46
75.0	30.50	30.79
78.0	24.81	25.11
81.0	19.13	19.65
84.0	13.47	14.08
87.0	7.839	8.904
90.0	3.670	5.378
93.0	2.287	3.395
96.0	2.212	3.047
99.0	2.188	3.016
102.0	1.942	2.916
105.0	2.036	2.969
108.0	2.095	2.922
111.0	2.171	2.864
114.0	2.206	2.389
117.0	2.200	2.547
120.0	2.200	2.552
123.0	2.153	2.564
126.0	2.153	2.634
129.0	2.195	2.664
132.0	2.218	2.600
135.0	2.300	2.570
138.0	2.359	2.564
141.0	2.400	2.564
144.0	2.418	2.564
147.0	2.447	2.558
150.0	2.482	2.558
153.0	2.564	2.552
156.0	2.576	2.547
159.0	2.600	2.541
162.0	2.629	2.541
165.0	2.664	2.634
168.0	2.693	2.652
171.0	2.740	2.670
174.0	2.764	2.711
177.0	2.764	2.758
180.0	2.764	2.770

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

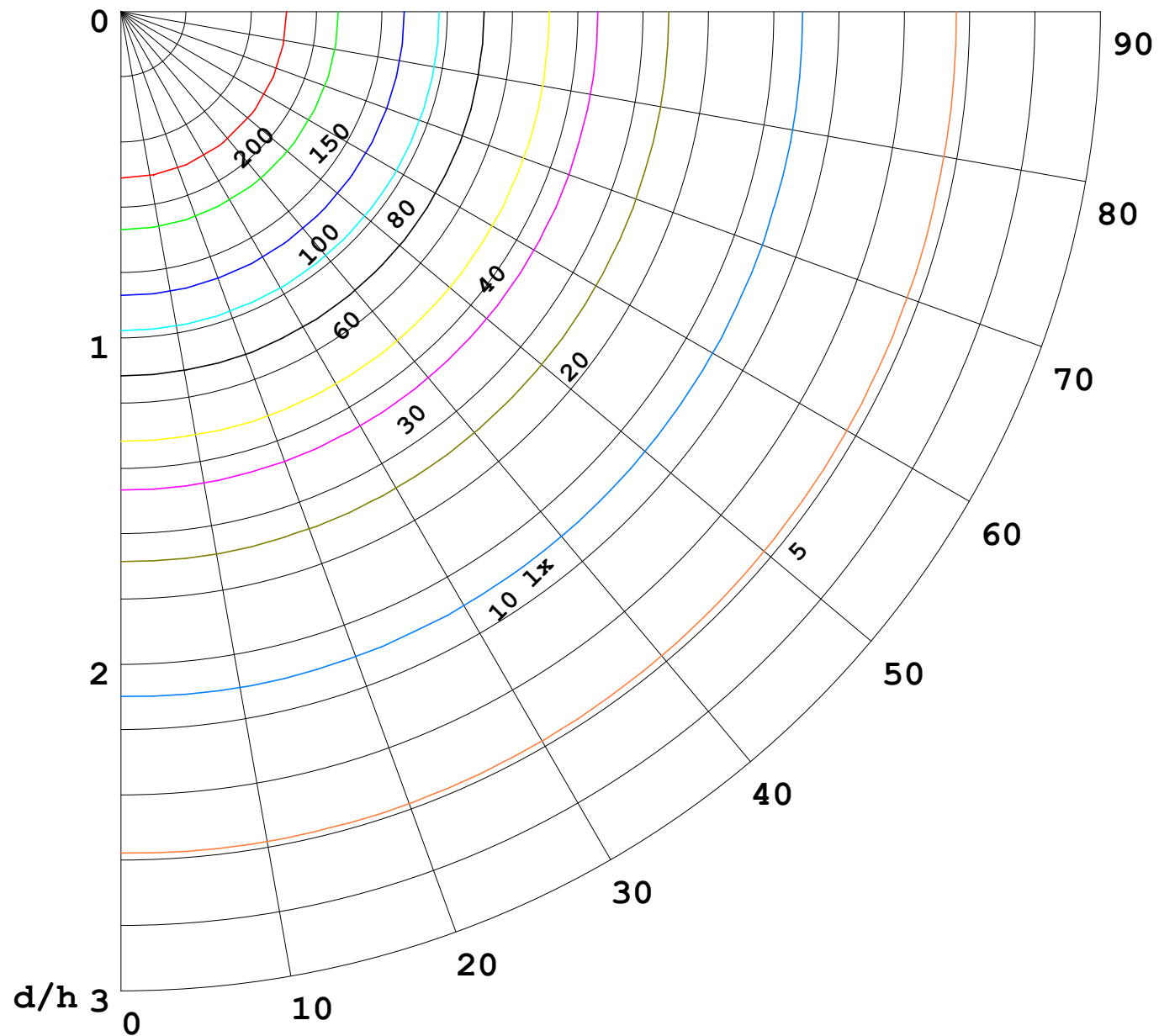
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: RGBW

I (cd)



1000 lm

$K = 1$



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

