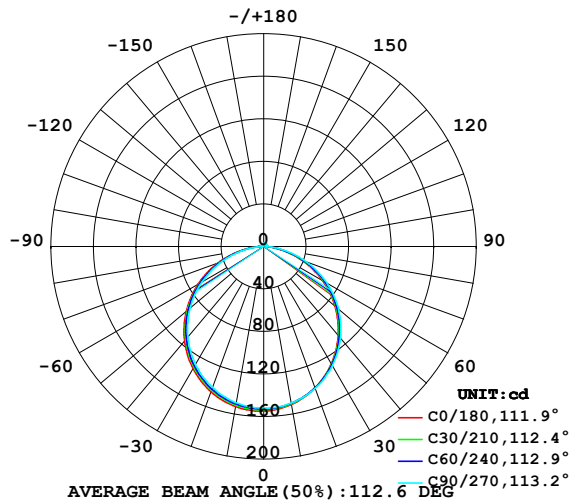


LUMINAIRE PHOTOMETRIC TEST REPORT

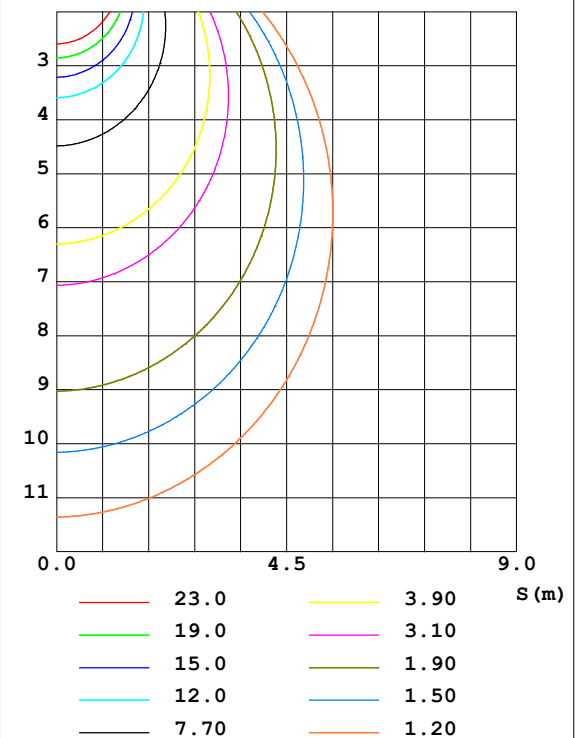
Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 23.82 lm/W			
MODEL	5050	I _{max} (cd)	154.9	S/MH (C0/180)	1.23
NOMINAL POWER (W)	18	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	450.65	η UP, DN (C0-180)	1.7, 48.3
NOMINAL FLUX (lm)	450.65	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.6
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	96.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



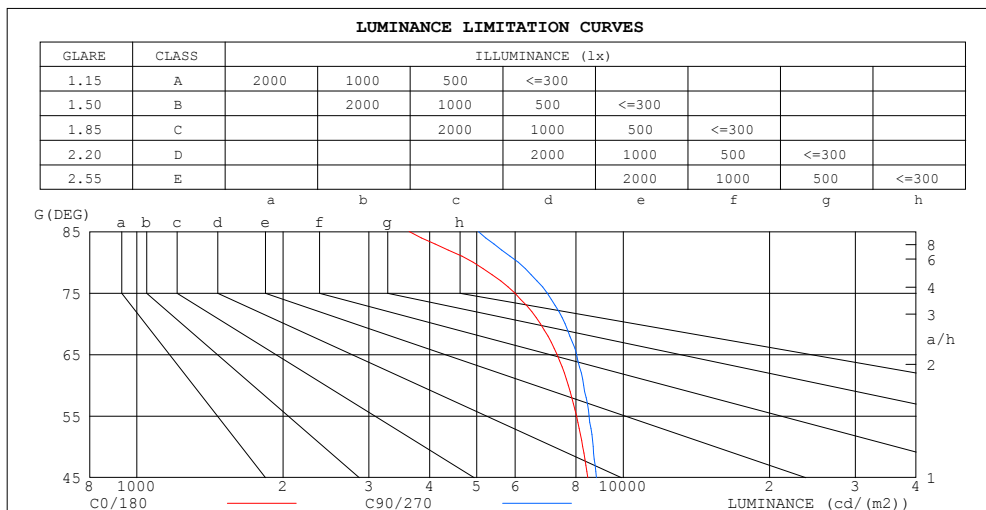
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

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	150.9	150.0	149.6	149.2	152.9	151.0	149.2	147.8	0- 10	14.44	14.44	3.2,3.2
20	141.5	141.5	141.9	141.8	145.4	143.3	141.1	139.1	10- 20	41.33	55.77	12.4,12.4
30	127.4	128.1	129.4	129.4	132.8	130.7	128.2	125.7	20- 30	62.60	118.4	26.3,26.3
40	109.1	110.4	112.4	112.7	115.8	113.7	111.0	108.1	30- 40	75.45	193.8	43,43
50	87.55	89.37	91.99	92.59	95.06	93.18	90.46	87.27	40- 50	78.32	272.1	60.4,60.4
60	63.64	65.73	68.46	69.39	71.56	69.65	67.11	63.90	50- 60	70.93	343.1	76.1,76.1
70	38.13	40.08	42.86	43.99	46.00	44.28	41.94	39.07	60- 70	54.19	397.3	88.2,88.2
80	14.08	15.20	17.45	18.70	20.23	18.84	17.07	14.81	70- 80	30.83	428.1	95,95
90	1.561	1.988	2.679	2.521	2.310	2.084	2.344	1.529	80- 90	8.612	436.7	96.9,96.9
100	1.573	2.098	2.835	2.018	0.9300	1.480	2.372	1.578	90-100	1.978	438.7	97.3,97.3
110	1.814	2.302	2.890	2.221	1.181	1.674	2.453	1.769	100-110	2.043	440.7	97.8,97.8
120	2.045	2.470	2.915	2.415	1.458	1.855	2.453	1.912	110-120	2.087	442.8	98.3,98.3
130	2.251	2.596	2.950	2.586	1.734	2.045	2.518	2.066	120-130	2.025	444.8	98.7,98.7
140	2.453	2.711	2.985	2.719	2.056	2.236	2.608	2.239	130-140	1.870	446.7	99.1,99.1
150	2.618	2.817	3.020	2.835	2.362	2.415	2.618	2.395	140-150	1.608	448.3	99.5,99.5
160	2.779	2.915	3.020	2.912	2.644	2.628	2.623	2.581	150-160	1.245	449.6	99.8,99.8
170	2.925	2.943	2.990	2.943	2.875	2.827	2.794	2.789	160-170	0.7985	450.4	99.9,99.9
180	2.945	2.945	2.945	2.943	2.960	2.940	2.935	2.933	170-180	0.2776	450.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3633	5039
80	4916	6090
75	5991	6983
70	6757	7595
65	7309	8022
60	7714	8298
55	8018	8509
50	8255	8673
45	8463	8808

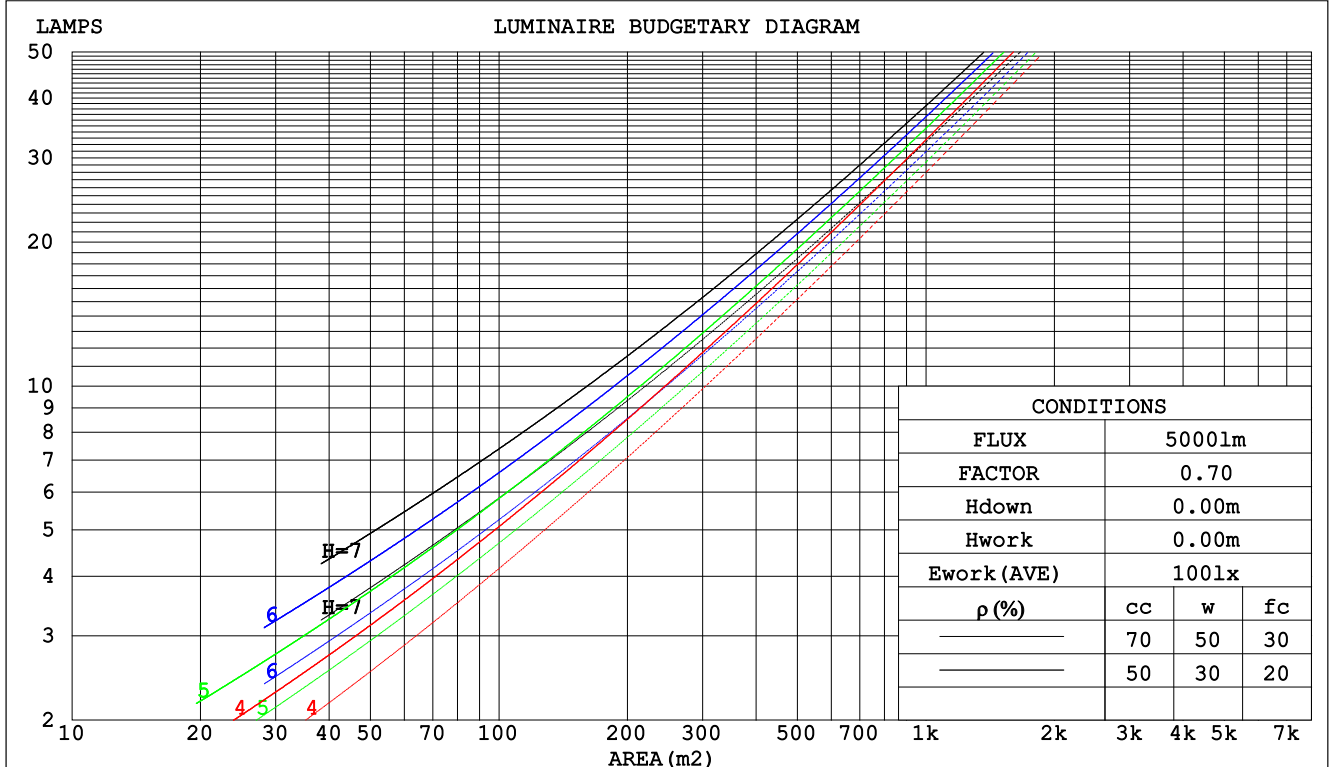
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	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						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	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.75	.72	.76	.73	.70	.67
3.0	.79	.71	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.47	.61	.52	.46	.58	.51	.45	.56	.50	.45	.54	.48	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.36	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	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	.310	.176	.056	.302	.172	.055	.287	.164	.053	.273	.157	.050	.260	.151	.049		
2.0	.291	.159	.049	.284	.156	.048	.271	.150	.047	.258	.145	.045	.247	.140	.044		
3.0	.269	.143	.043	.263	.141	.042	.251	.136	.041	.240	.132	.040	.230	.127	.039		
4.0	.248	.129	.038	.243	.127	.038	.232	.123	.037	.222	.119	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.208	.105	.030	.200	.102	.030	.192	.100	.029	.185	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.173	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.204	.180	.158	.175	.154	.136	.119	.106	.094	.069	.061	.055	.022	.020	.018	
2.0	.196	.156	.122	.168	.134	.105	.115	.093	.074	.066	.054	.043	.021	.017	.014	
3.0	.188	.138	.098	.161	.119	.085	.111	.083	.060	.064	.048	.035	.021	.016	.012	
4.0	.181	.125	.083	.155	.108	.072	.107	.075	.051	.062	.044	.030	.020	.014	.010	
5.0	.173	.115	.072	.149	.099	.062	.103	.069	.044	.059	.041	.026	.019	.013	.009	
6.0	.166	.106	.064	.143	.092	.055	.099	.065	.039	.057	.038	.023	.018	.012	.008	
7.0	.159	.100	.058	.137	.086	.050	.095	.061	.036	.055	.036	.021	.018	.012	.007	
8.0	.153	.094	.053	.132	.081	.046	.091	.057	.033	.053	.034	.020	.017	.011	.006	
9.0	.147	.089	.050	.127	.077	.043	.088	.054	.031	.051	.032	.018	.017	.011	.006	
10.0	.141	.085	.047	.122	.074	.041	.085	.052	.029	.049	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm											
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总						TYPE:硅胶		WEIGHT:			
DIM.: 16.5MM*16.5MM						SPEC.:		SERIAL No.:202309012			
MFR.: OLYMPIA						SUR.:1.0*0.0165		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	19.9	21.3	20.2	21.6	21.9	20.1	21.6	20.4	21.8	22.1	
	3H	21.3	22.6	21.6	22.9	23.2	21.6	23.0	22.0	23.3	23.6
	4H	21.8	23.1	22.1	23.4	23.7	22.2	23.5	22.6	23.8	24.1
	6H	22.1	23.3	22.5	23.7	24.0	22.6	23.8	23.0	24.2	24.5
	8H	22.2	23.4	22.6	23.7	24.0	22.7	23.9	23.1	24.2	24.6
	12H	22.2	23.3	22.6	23.7	24.1	22.8	23.9	23.2	24.3	24.6
4H	2H	20.5	21.8	20.8	22.1	22.4	20.6	21.9	21.0	22.3	22.6
	3H	22.1	23.2	22.5	23.5	23.9	22.3	23.5	22.7	23.8	24.2
	4H	22.7	23.7	23.1	24.1	24.5	23.0	24.1	23.5	24.5	24.9
	6H	23.1	24.0	23.6	24.4	24.9	23.6	24.5	24.0	24.9	25.3
	8H	23.2	24.1	23.7	24.5	25.0	23.7	24.6	24.2	25.0	25.5
	12H	23.3	24.1	23.8	24.5	25.0	23.8	24.6	24.3	25.0	25.5
8H	4H	22.9	23.8	23.4	24.2	24.7	23.3	24.1	23.7	24.5	25.0
	6H	23.5	24.2	24.0	24.7	25.1	23.9	24.6	24.4	25.1	25.5
	8H	23.7	24.3	24.2	24.8	25.3	24.1	24.7	24.6	25.2	25.7
	12H	23.8	24.3	24.3	24.8	25.4	24.3	24.8	24.8	25.3	25.9
12H	4H	22.9	23.7	23.4	24.2	24.6	23.2	24.0	23.7	24.5	24.9
	6H	23.5	24.2	24.0	24.6	25.1	23.9	24.5	24.4	25.0	25.5
	8H	23.7	24.3	24.3	24.8	25.3	24.2	24.7	24.7	25.2	25.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 450.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

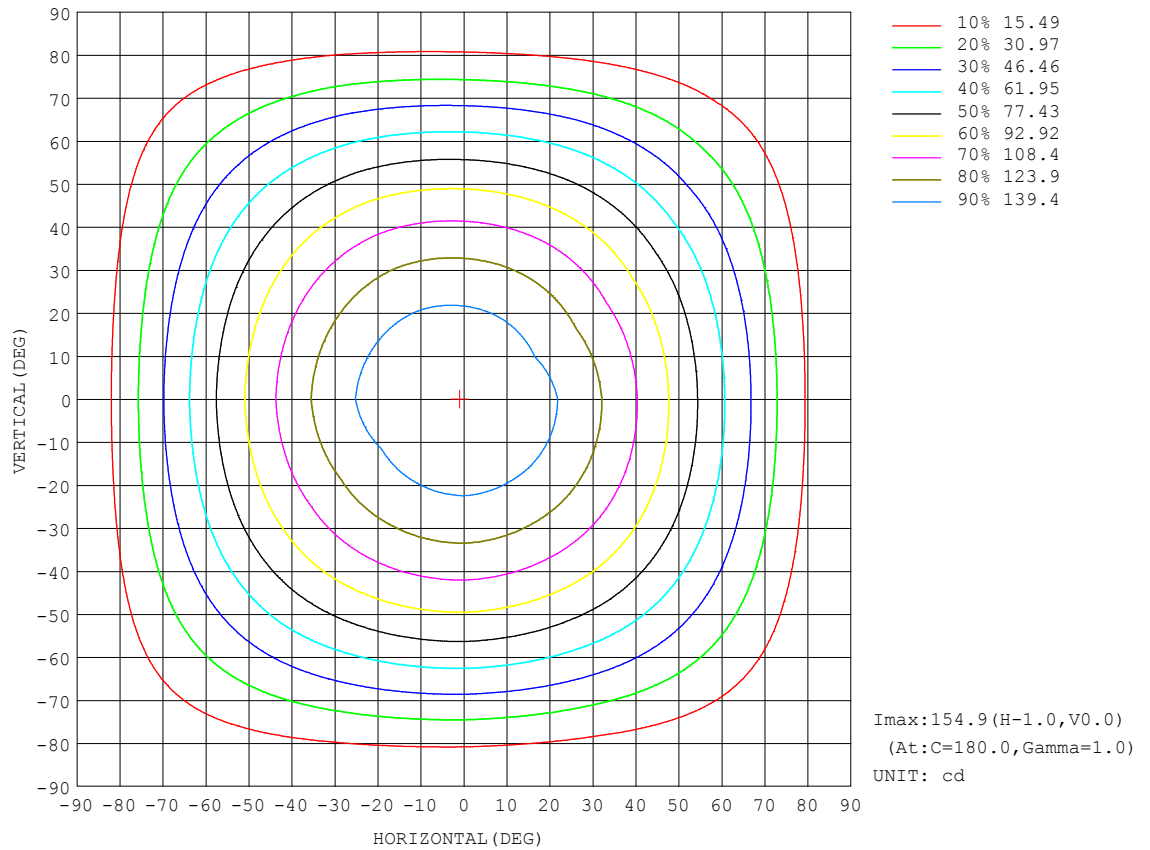
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	38	31
0.80	66	55	47	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	64	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	96	88	83	91	85	81	72
3.00	101	94	89	99	92	87	94	89	85	76
4.00	105	99	95	103	97	93	98	94	90	80
5.00	108	103	99	105	101	97	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-09-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE: 硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

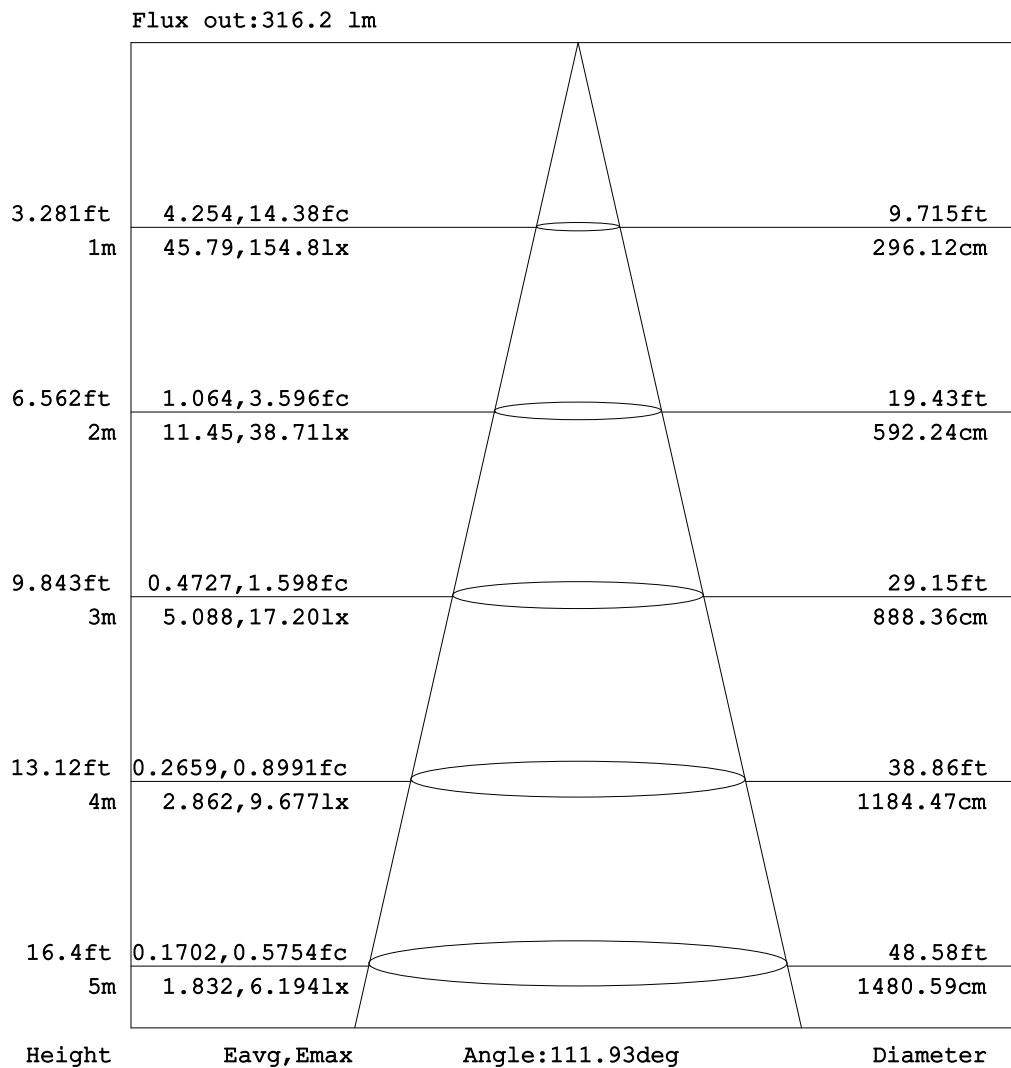


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



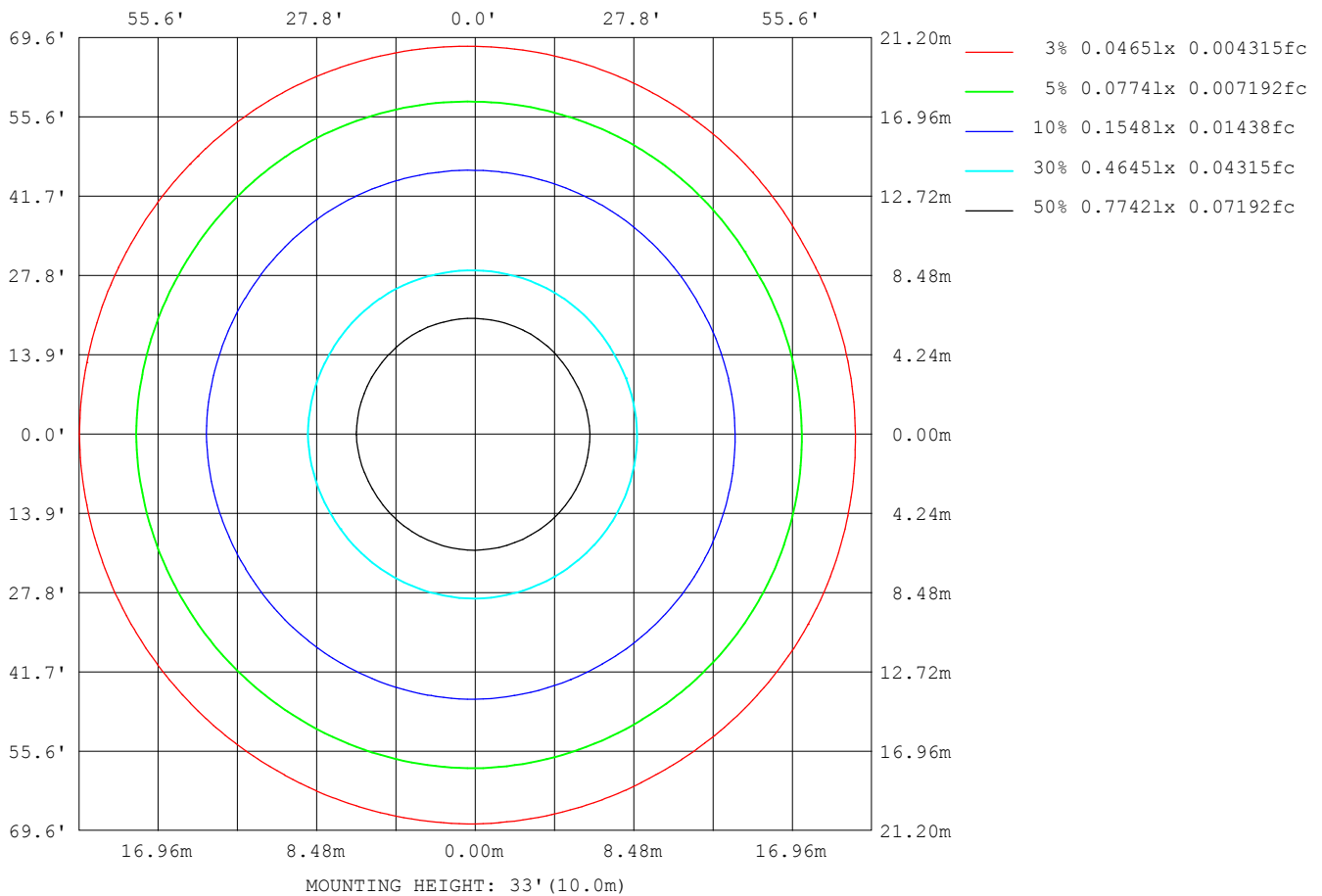
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

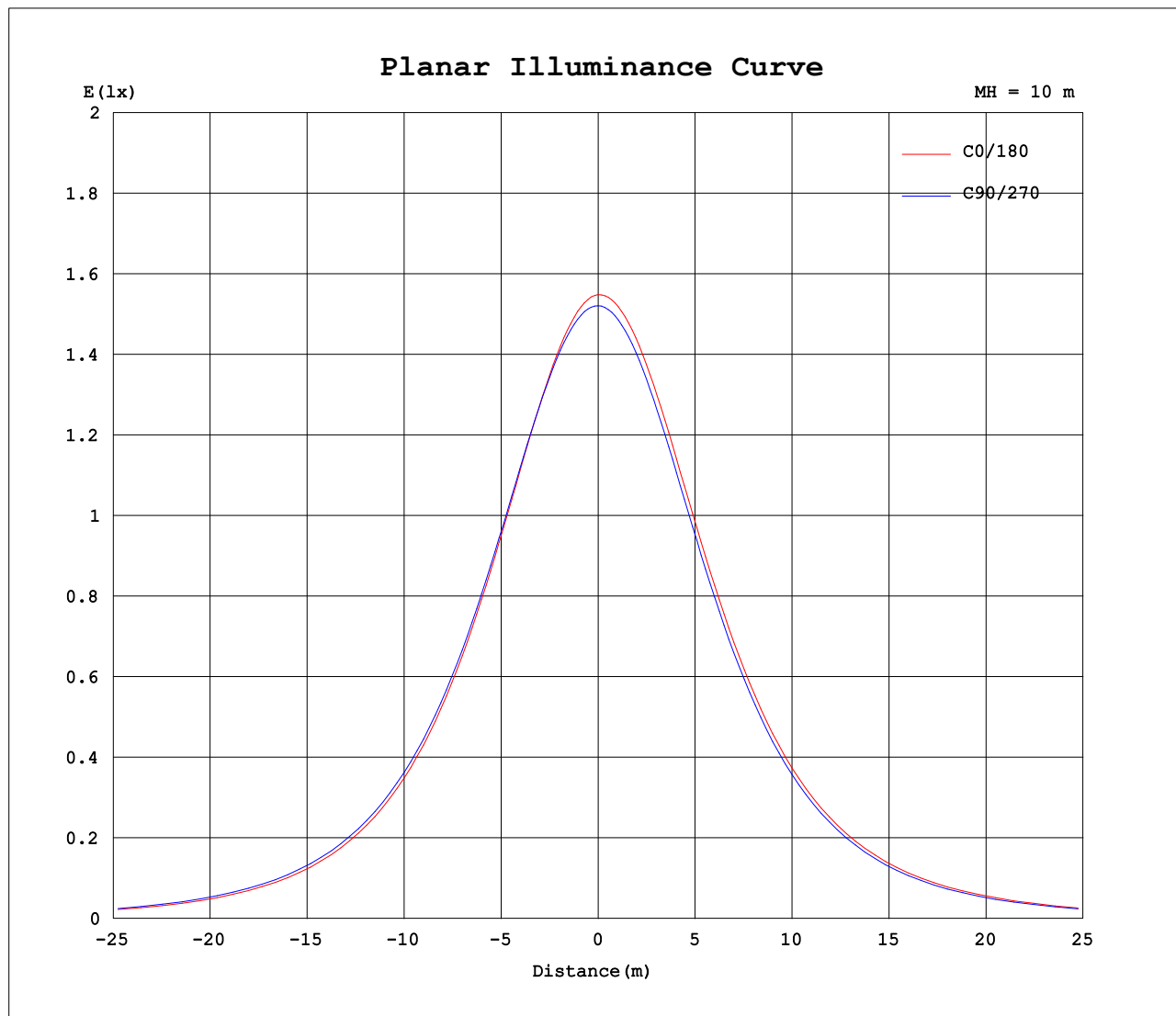
Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-09-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7885A P:18.92W PF:1.000 Lamp Flux:450.65x1 lm		
NAME: SF17-24V-5050-70-DMX4-RGBW(4000K)-80-总	TYPE:硅胶	WEIGHT:
DIM.: 16.5MM*16.5MM	SPEC.:	SERIAL No.:202309012
MFR.: OLYMPIA	SUR.:1.0*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	155	154	153	152	151	151	155	154	153	152	151	151							
5	154	153	152	152	151	151	155	153	152	151	150	150							
10	151	150	150	150	149	149	153	151	150	149	148	147							
15	147	147	146	146	146	146	150	148	147	146	145	143							
20	142	142	141	142	142	142	145	144	143	141	140	138							
25	135	135	135	136	136	136	140	138	137	135	134	132							
30	127	128	128	129	129	130	133	131	130	128	127	125							
35	119	119	120	121	121	122	125	123	122	120	118	116							
40	109	110	111	112	113	113	116	114	113	111	109	107							
45	98.7	99.7	101	103	103	103	106	104	103	101	99.2	97.0							
50	87.6	88.8	90.0	92.0	92.2	93.0	95.1	93.6	92.7	90.5	88.4	86.1							
55	75.9	77.1	78.4	80.5	80.8	81.4	83.6	82.2	81.4	79.0	77.2	74.6							
60	63.6	65.2	66.3	68.5	68.8	69.9	71.6	69.9	69.4	67.1	65.3	62.5							
65	51.0	52.7	53.6	55.9	56.3	57.5	59.0	57.5	56.9	54.6	53.0	50.3							
70	38.1	39.6	40.5	42.9	43.4	44.6	46.0	44.5	44.0	41.9	40.3	37.8							
75	25.6	26.9	27.6	29.8	30.5	31.7	32.9	31.4	31.0	29.1	27.6	25.4							
80	14.1	14.9	15.5	17.4	18.1	19.3	20.2	19.1	18.6	17.1	15.7	14.0							
85	5.22	5.83	6.01	7.25	7.76	8.77	9.25	8.34	8.08	7.03	6.17	5.15							
90	1.56	1.80	2.18	2.68	2.43	2.61	2.31	2.04	2.13	2.34	1.88	1.18							
95	1.47	1.78	2.20	2.76	2.19	1.67	0.90	1.09	1.78	2.35	1.92	1.06							
100	1.57	1.90	2.29	2.83	2.30	1.74	0.93	1.10	1.86	2.37	2.01	1.15							
105	1.69	2.02	2.39	2.87	2.38	1.85	1.06	1.20	1.95	2.45	2.08	1.26							
110	1.81	2.13	2.47	2.89	2.48	1.97	1.18	1.32	2.03	2.45	2.15	1.39							
115	1.93	2.23	2.54	2.89	2.58	2.09	1.32	1.43	2.11	2.45	2.20	1.49							
120	2.05	2.33	2.61	2.91	2.64	2.19	1.46	1.53	2.18	2.45	2.26	1.57							
125	2.15	2.41	2.66	2.93	2.70	2.31	1.59	1.64	2.26	2.47	2.31	1.67							
130	2.25	2.49	2.70	2.95	2.77	2.40	1.73	1.76	2.33	2.52	2.36	1.77							
135	2.36	2.57	2.74	2.97	2.80	2.49	1.90	1.88	2.40	2.55	2.43	1.88							
140	2.45	2.64	2.78	2.99	2.85	2.59	2.06	2.03	2.45	2.61	2.47	2.01							
145	2.54	2.71	2.82	3.01	2.89	2.67	2.21	2.17	2.48	2.62	2.48	2.14							
150	2.62	2.78	2.85	3.02	2.92	2.74	2.36	2.31	2.52	2.62	2.50	2.29							
155	2.70	2.84	2.88	3.02	2.94	2.81	2.51	2.45	2.57	2.62	2.53	2.42							
160	2.78	2.89	2.93	3.02	2.95	2.87	2.64	2.60	2.66	2.62	2.61	2.55							
165	2.85	2.94	2.93	3.01	2.95	2.90	2.76	2.69	2.76	2.69	2.73	2.65							
170	2.92	2.95	2.94	2.99	2.95	2.94	2.87	2.79	2.86	2.79	2.83	2.75							
175	2.94	2.95	2.94	2.96	2.95	2.94	2.96	2.87	2.94	2.87	2.91	2.82							
180	2.95	2.95	2.94	2.95	2.95	2.94	2.96	2.93	2.95	2.94	2.94	2.92							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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	154.8	153.7	152.8	152.1	151.4	151.0	154.8	153.7	152.8	152.1
3.0	154.3	153.3	152.5	151.9	151.4	150.9	154.8	153.6	152.6	151.8
6.0	153.2	152.4	151.6	151.2	150.8	150.5	154.4	153.1	152.0	151.0
9.0	151.6	150.9	150.3	150.1	149.7	149.5	153.3	152.0	150.9	149.8
12.0	149.4	149.1	148.5	148.5	148.1	148.1	151.8	150.4	149.3	148.0
15.0	146.8	146.7	146.2	146.4	146.1	146.1	149.9	148.3	147.2	145.8
18.0	143.8	143.7	143.4	143.9	143.6	143.7	147.4	145.8	144.7	143.1
21.0	140.3	140.3	140.3	140.9	140.7	140.8	144.3	142.8	141.8	140.1
24.0	136.4	136.6	136.7	137.5	137.3	137.5	140.9	139.4	138.2	136.5
27.0	132.1	132.3	132.7	133.6	133.5	133.7	137.1	135.4	134.5	132.6
30.0	127.4	127.9	128.2	129.4	129.3	129.5	132.8	131.2	130.1	128.2
33.0	122.3	122.9	123.4	124.7	124.7	125.0	128.2	126.6	125.6	123.4
36.0	116.8	117.5	118.2	119.6	119.7	120.0	123.1	121.5	120.5	118.3
39.0	111.1	112.0	112.7	114.3	114.4	114.8	117.7	116.1	115.0	112.9
42.0	105.0	106.0	106.9	108.6	108.7	109.2	111.9	110.4	109.4	107.1
45.0	98.74	99.70	100.8	102.8	102.8	103.4	105.8	104.4	103.3	101.2
48.0	92.13	93.26	94.41	96.25	96.53	97.08	99.47	98.01	96.90	94.83
51.0	85.28	86.47	87.73	89.82	89.98	90.87	92.84	91.39	90.49	88.19
54.0	78.25	79.61	80.79	82.78	83.16	83.86	85.96	84.63	83.70	81.45
57.0	71.01	72.62	73.67	75.90	76.12	77.15	78.89	77.41	76.58	74.35
60.0	63.64	65.18	66.29	68.46	68.85	69.94	71.56	69.90	69.40	67.11
63.0	56.10	57.74	58.76	60.91	61.39	62.38	64.02	62.62	61.80	59.73
66.0	48.45	50.07	50.98	53.39	53.76	54.93	56.41	54.78	54.33	52.17
69.0	40.71	42.18	43.19	45.49	46.04	47.10	48.56	47.34	46.62	44.41
72.0	33.07	34.31	35.49	37.60	38.23	39.28	40.69	39.35	38.74	36.83
75.0	25.58	26.87	27.60	29.82	30.48	31.72	32.89	31.37	31.02	29.14
78.0	18.44	19.46	20.25	22.19	22.85	24.08	25.22	24.10	23.51	21.62
81.0	12.03	12.87	13.39	15.10	15.79	16.93	17.88	16.77	16.28	14.81
84.0	6.634	7.323	7.506	8.994	9.513	10.68	11.22	10.35	9.933	8.718
87.0	2.977	3.437	3.632	4.471	4.820	5.569	5.775	5.255	4.918	4.268
90.0	1.561	1.799	2.178	2.679	2.427	2.614	2.310	2.042	2.127	2.344
93.0	1.468	1.749	2.156	2.744	2.191	1.679	0.9493	1.132	1.764	2.342
96.0	1.487	1.809	2.206	2.779	2.201	1.679	0.8996	1.091	1.789	2.357
99.0	1.553	1.880	2.281	2.815	2.266	1.714	0.9148	1.091	1.850	2.367
102.0	1.628	1.950	2.332	2.855	2.317	1.784	0.9802	1.146	1.900	2.397
105.0	1.693	2.016	2.387	2.870	2.377	1.850	1.056	1.201	1.950	2.447
108.0	1.769	2.086	2.447	2.885	2.447	1.925	1.131	1.276	2.000	2.447
111.0	1.834	2.146	2.493	2.890	2.503	1.990	1.216	1.347	2.051	2.453
114.0	1.905	2.206	2.533	2.890	2.558	2.061	1.292	1.412	2.101	2.453
117.0	1.980	2.267	2.568	2.905	2.613	2.126	1.372	1.487	2.136	2.453
120.0	2.045	2.327	2.613	2.915	2.638	2.191	1.458	1.528	2.181	2.453
123.0	2.111	2.377	2.638	2.925	2.684	2.257	1.543	1.593	2.227	2.463
126.0	2.171	2.418	2.679	2.940	2.719	2.322	1.619	1.658	2.272	2.478
129.0	2.231	2.473	2.689	2.950	2.759	2.382	1.704	1.744	2.317	2.503
132.0	2.297	2.518	2.719	2.955	2.779	2.438	1.804	1.814	2.357	2.523
135.0	2.357	2.573	2.744	2.970	2.804	2.493	1.900	1.885	2.397	2.548
138.0	2.412	2.614	2.769	2.975	2.844	2.558	1.996	1.965	2.438	2.583
141.0	2.462	2.654	2.789	2.990	2.855	2.599	2.091	2.050	2.453	2.613
144.0	2.518	2.694	2.814	3.005	2.880	2.654	2.181	2.136	2.478	2.618
147.0	2.578	2.739	2.845	3.015	2.915	2.699	2.272	2.231	2.503	2.618
150.0	2.618	2.779	2.855	3.020	2.925	2.744	2.362	2.307	2.523	2.618
153.0	2.683	2.815	2.875	3.020	2.930	2.789	2.443	2.397	2.553	2.618
156.0	2.714	2.850	2.885	3.020	2.950	2.825	2.533	2.482	2.578	2.618
159.0	2.769	2.885	2.925	3.020	2.950	2.860	2.614	2.553	2.629	2.623
162.0	2.814	2.915	2.930	3.015	2.950	2.890	2.689	2.623	2.699	2.638
165.0	2.854	2.940	2.930	3.010	2.950	2.905	2.764	2.694	2.764	2.694
168.0	2.885	2.950	2.930	2.995	2.950	2.925	2.835	2.764	2.820	2.764
171.0	2.935	2.950	2.940	2.990	2.950	2.935	2.895	2.809	2.875	2.809
174.0	2.935	2.950	2.940	2.965	2.950	2.935	2.940	2.860	2.925	2.855
177.0	2.950	2.950	2.940	2.960	2.950	2.935	2.960	2.915	2.950	2.900
180.0	2.945	2.950	2.940	2.945	2.950	2.935	2.960	2.930	2.950	2.935
G/C	300.0	330.0								
0.0	151.4	151.0								
3.0	151.0	150.5								
6.0	150.1	149.5								
9.0	148.8	148.0								
12.0	147.0	145.9								
15.0	144.7	143.4								
18.0	141.9	140.6								
21.0	138.7	137.1								
24.0	135.1	133.5								
27.0	131.0	129.1								
30.0	126.6	124.8								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-09-19

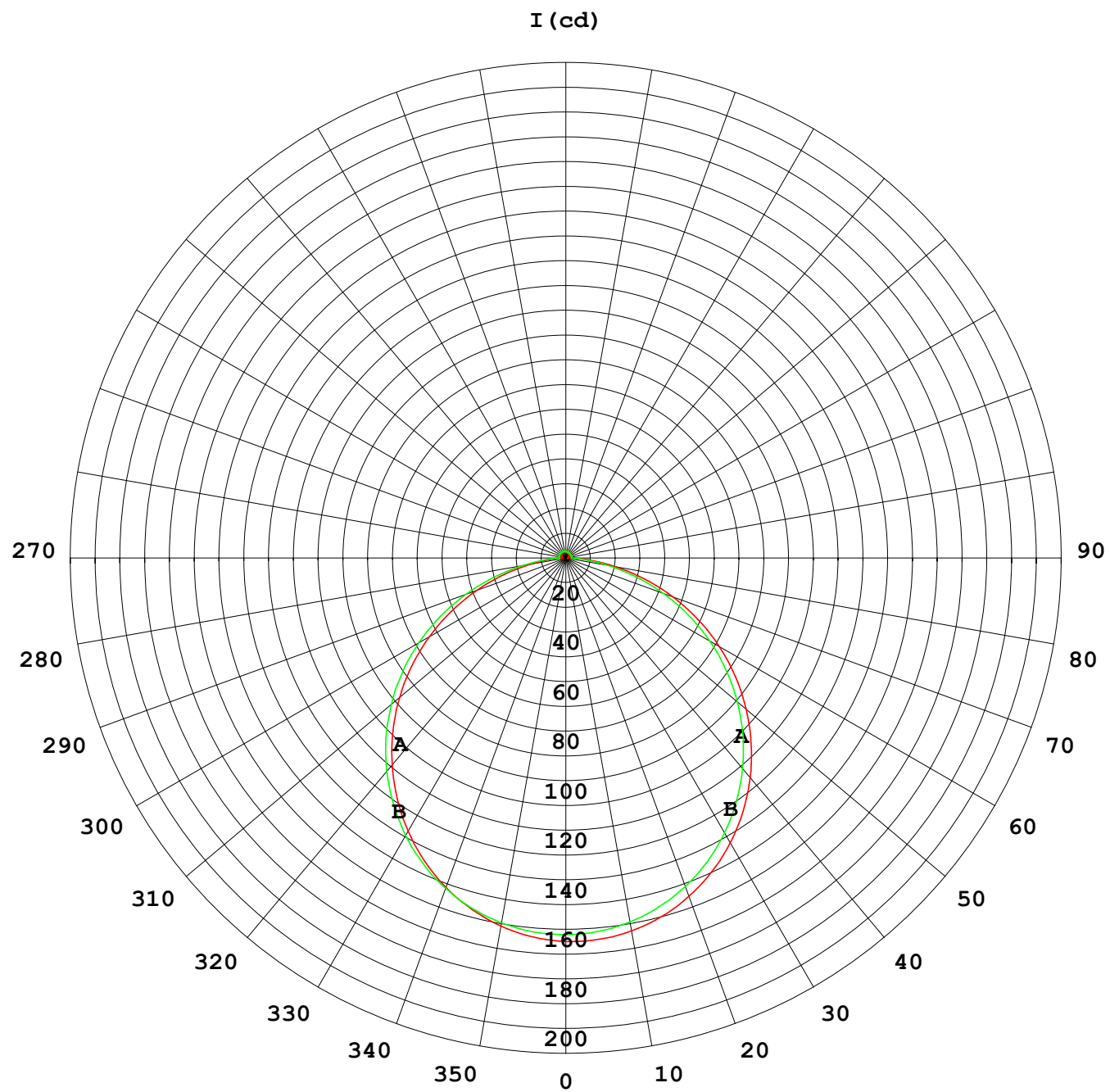
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

33.0	121.8	119.7
36.0	116.6	114.5
39.0	111.2	108.9
42.0	105.3	103.0
45.0	99.18	96.96
48.0	92.86	90.51
51.0	86.30	83.86
54.0	79.43	77.09
57.0	72.44	69.88
60.0	65.28	62.51
63.0	58.00	55.23
66.0	50.35	47.62
69.0	42.90	40.35
72.0	35.17	32.58
75.0	27.58	25.42
78.0	20.33	18.49
81.0	13.52	11.96
84.0	7.760	6.544
87.0	3.670	2.739
90.0	1.880	1.178
93.0	1.890	1.060
96.0	1.935	1.070
99.0	1.990	1.136
102.0	2.031	1.191
105.0	2.076	1.261
108.0	2.111	1.332
111.0	2.156	1.397
114.0	2.186	1.457
117.0	2.226	1.518
120.0	2.257	1.568
123.0	2.287	1.648
126.0	2.317	1.684
129.0	2.352	1.749
132.0	2.392	1.814
135.0	2.433	1.885
138.0	2.463	1.970
141.0	2.473	2.040
144.0	2.478	2.116
147.0	2.488	2.206
150.0	2.498	2.292
153.0	2.523	2.367
156.0	2.548	2.437
159.0	2.598	2.533
162.0	2.669	2.608
165.0	2.729	2.648
168.0	2.794	2.709
171.0	2.845	2.764
174.0	2.895	2.809
177.0	2.940	2.865
180.0	2.940	2.925

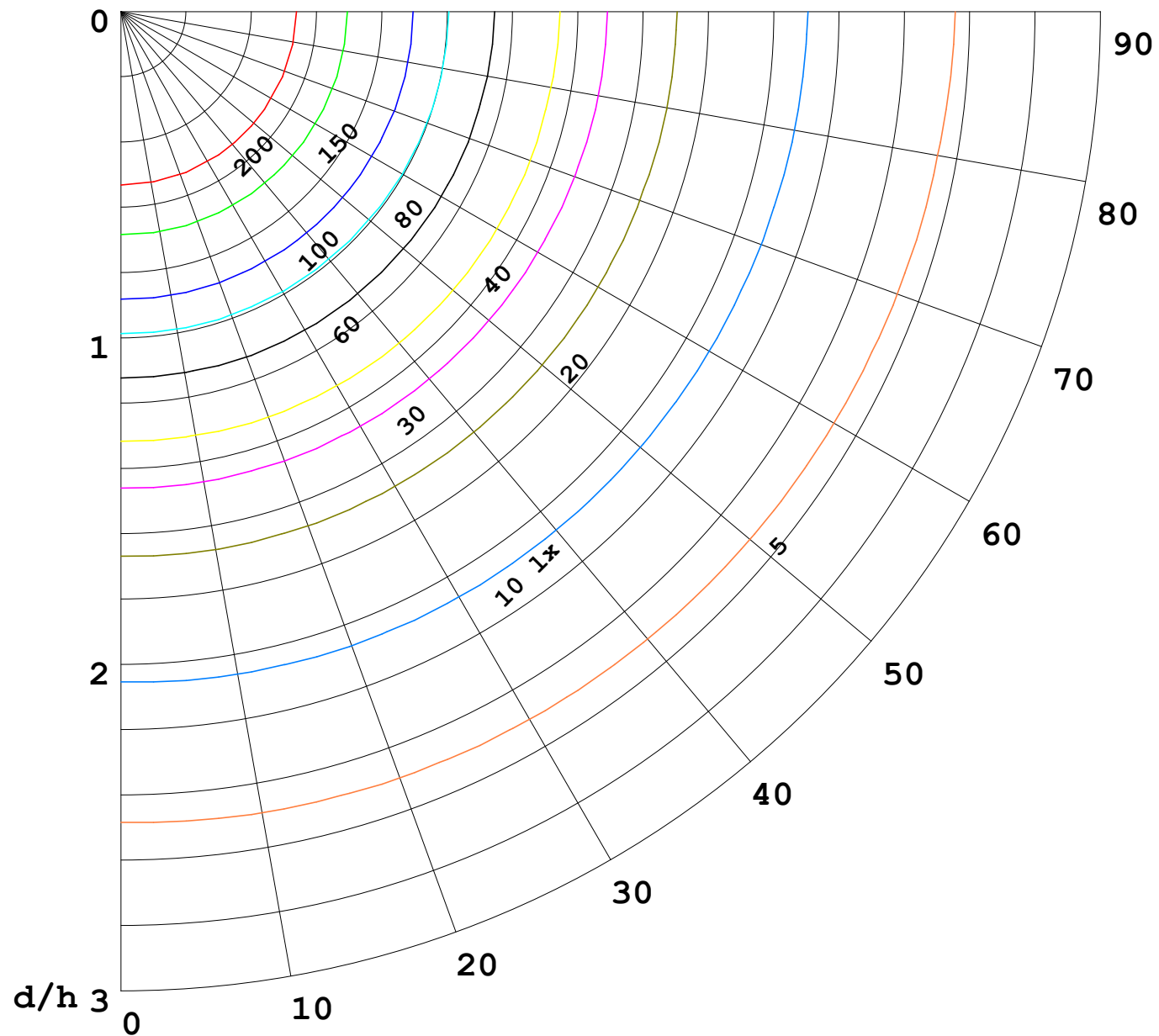
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:



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

