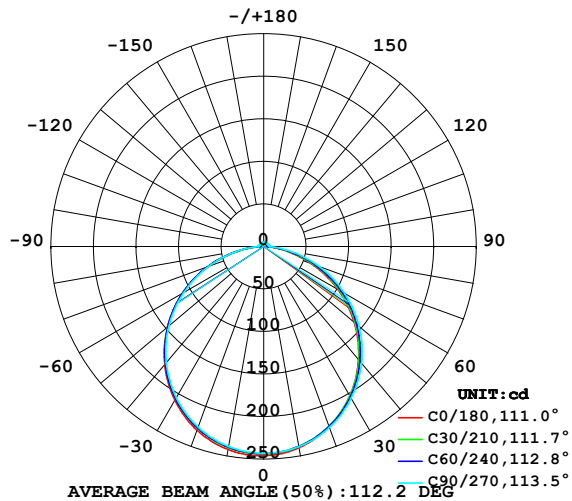


LUMINAIRE PHOTOMETRIC TEST REPORT

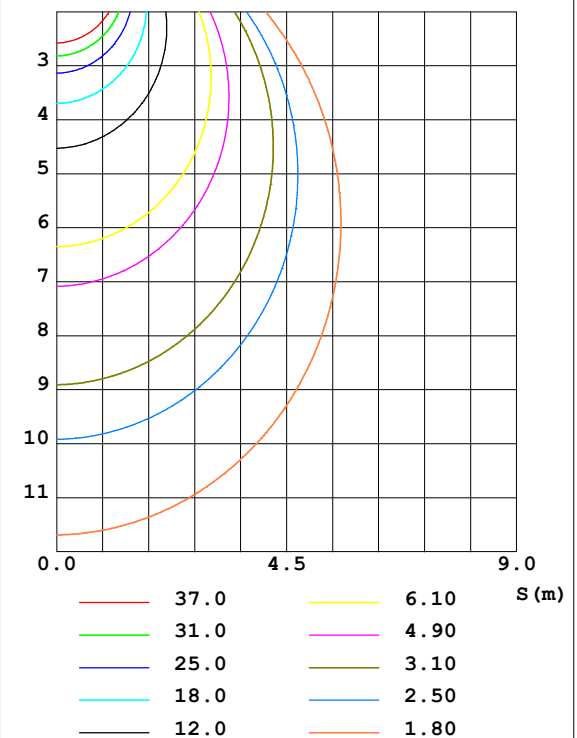
Test:U:24.00V I:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.38 lm/W			
MODEL	5050	I _{max} (cd)	246.0	S/MH (C0/180)	1.23
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	724.54	η UP, DN (C0-180)	2.0, 47.9
NOMINAL FLUX (lm)	724.533	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.8, 48.3
LAMPS INSIDE	1	η up (%)	3.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



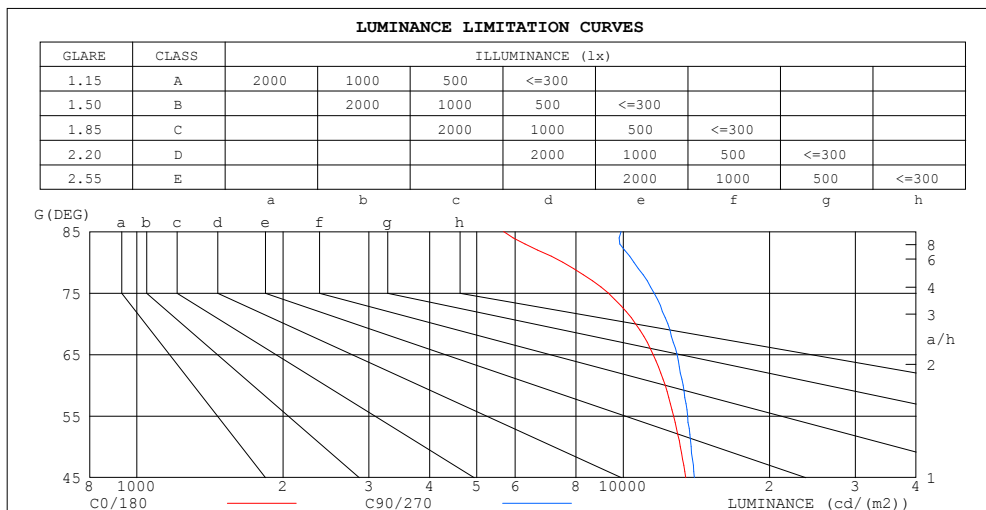
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-07

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	240.1	238.6	239.0	239.3	242.4	240.0	238.7	237.8	0- 10	23.06	23.06	3.18,3.18
20	225.3	224.8	226.4	227.0	229.7	227.5	226.0	224.0	10- 20	65.97	89.03	12.3,12.3
30	202.7	203.3	205.9	206.8	208.9	207.1	205.6	202.5	20- 30	99.82	188.8	26.1,26.1
40	173.6	175.3	179.0	179.7	181.1	179.9	178.4	174.5	30- 40	120.2	309.0	42.7,42.7
50	139.0	141.6	146.3	147.1	147.8	147.3	145.7	141.2	40- 50	124.6	433.6	59.9,59.9
60	100.6	104.0	109.6	110.4	110.3	110.4	108.5	103.8	50- 60	112.8	546.4	75.4,75.4
70	59.86	63.69	69.74	70.72	69.06	70.39	69.06	63.83	60- 70	86.38	632.8	87.3,87.3
80	21.54	24.76	30.13	30.42	27.57	29.77	30.18	25.25	70- 80	49.48	682.3	94.2,94.2
90	3.069	4.242	6.579	5.195	2.168	4.089	6.587	4.803	80- 90	14.32	696.6	96.1,96.1
100	2.789	4.070	6.166	4.908	1.639	3.867	6.383	4.501	90-100	4.726	701.3	96.8,96.8
110	3.050	4.200	5.845	5.071	2.041	4.011	5.996	4.473	100-110	4.584	705.9	97.4,97.4
120	3.412	4.322	5.583	5.159	2.473	4.136	5.559	4.410	110-120	4.367	710.3	98,98
130	3.734	4.405	5.357	5.141	2.921	4.229	5.302	4.352	120-130	3.988	714.3	98.6,98.6
140	4.050	4.476	5.141	5.064	3.398	4.347	5.141	4.377	130-140	3.478	717.8	99.1,99.1
150	4.312	4.576	4.940	4.948	3.855	4.448	5.021	4.455	140-150	2.859	720.6	99.5,99.5
160	4.563	4.714	4.935	4.863	4.277	4.546	4.895	4.513	150-160	2.138	722.8	99.8,99.8
170	4.769	4.797	4.855	4.817	4.664	4.644	4.785	4.618	160-170	1.330	724.1	99.9,99.9
180	4.810	4.825	4.845	4.810	4.810	4.807	4.805	4.779	170-180	0.4544	724.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5676	9901
80	7518	10516
75	9313	11583
70	10608	12358
65	11527	12912
60	12197	13289
55	12701	13562
50	13106	13793
45	13448	14008

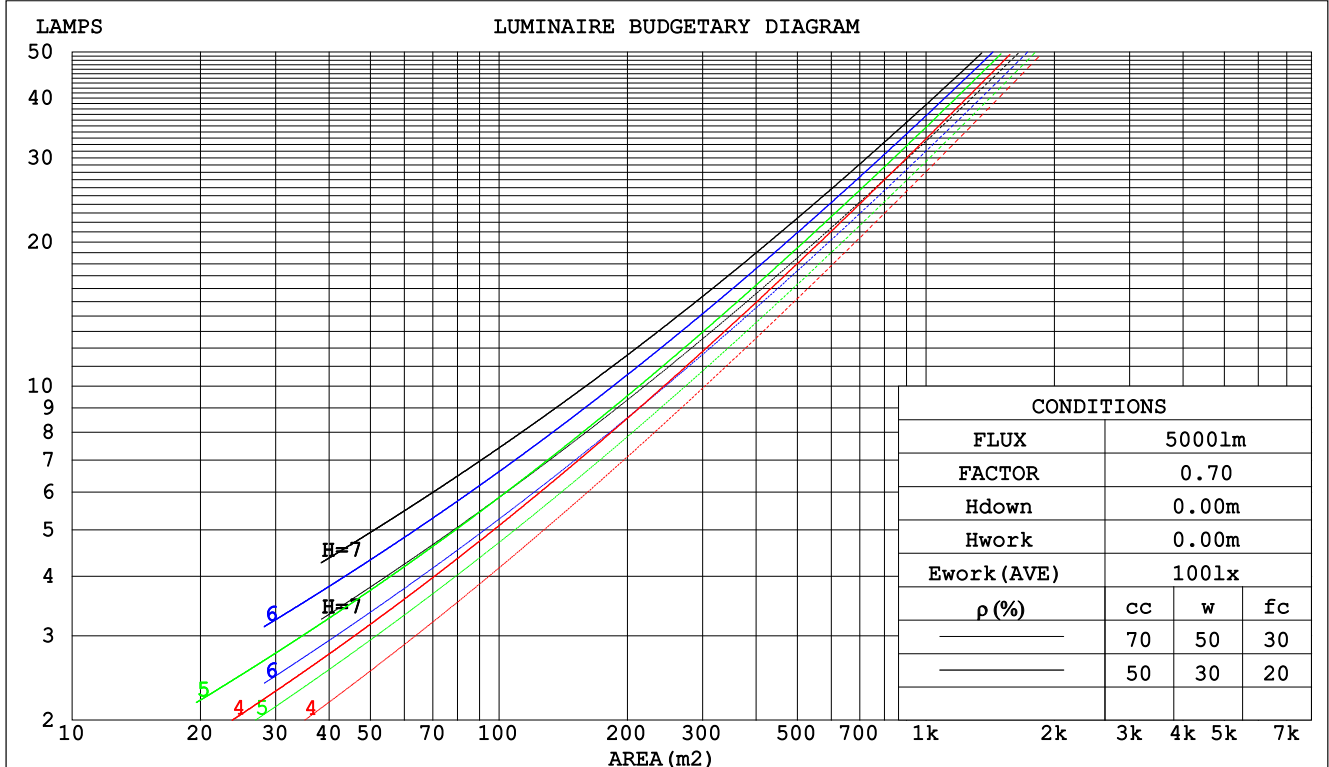
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.84	.83	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*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	.286	.164	.052	.272	.157	.050	.259	.150	.048	
2.0	.291	.160	.049	.284	.156	.048	.270	.150	.047	.257	.144	.045	.246	.139	.044	
3.0	.269	.143	.043	.263	.141	.042	.250	.136	.041	.239	.131	.040	.229	.127	.039	
4.0	.248	.129	.038	.242	.127	.037	.231	.123	.037	.221	.119	.036	.212	.115	.035	
5.0	.229	.117	.034	.224	.115	.034	.214	.112	.033	.205	.108	.032	.197	.105	.032	
6.0	.213	.107	.031	.208	.105	.030	.199	.102	.030	.191	.099	.029	.183	.097	.029	
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.178	.091	.027	.171	.089	.026	
8.0	.185	.090	.025	.181	.089	.025	.174	.087	.025	.167	.085	.024	.161	.083	.024	
9.0	.173	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.023	.151	.077	.022	
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.148	.074	.021	.143	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.210	.186	.164	.180	.159	.141	.123	.110	.098	.071	.063	.057	.023	.020	.018	
2.0	.202	.162	.128	.173	.139	.111	.119	.096	.077	.068	.056	.045	.022	.018	.015	
3.0	.194	.144	.104	.167	.124	.091	.114	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.187	.131	.089	.160	.113	.077	.110	.079	.054	.064	.046	.032	.021	.015	.011	
5.0	.179	.121	.078	.154	.104	.067	.106	.073	.048	.061	.043	.028	.020	.014	.009	
6.0	.172	.112	.070	.148	.097	.061	.102	.068	.043	.059	.040	.025	.019	.013	.008	
7.0	.165	.106	.064	.142	.092	.056	.098	.064	.039	.057	.038	.023	.018	.012	.008	
8.0	.159	.100	.059	.137	.087	.052	.095	.061	.037	.055	.036	.022	.018	.012	.007	
9.0	.153	.095	.056	.132	.082	.049	.091	.058	.035	.053	.034	.021	.017	.011	.007	
10.0	.147	.091	.053	.127	.079	.046	.088	.055	.033	.051	.033	.020	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm											
NAME: SF15-24V-5050-84-3000					TYPE:硅胶			WEIGHT:			
DIM.: 21mm*11.5mm					SPEC.:			SERIAL No.:20220606			
MFR.: OLYMPIA					SUR.:1*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	21.4	22.8	21.7	23.1	23.4	21.7	23.1	22.0	23.4	23.7	
	3H	22.8	24.1	23.1	24.4	24.7	23.2	24.6	23.6	24.9	
	4H	23.3	24.6	23.6	24.9	25.2	23.8	25.1	24.2	25.5	
	6H	23.6	24.8	24.0	25.1	25.5	24.3	25.5	24.7	25.9	
	8H	23.6	24.8	24.0	25.2	25.5	24.4	25.6	24.8	26.0	
	12H	23.7	24.8	24.1	25.1	25.5	24.5	25.7	25.0	26.0	
4H	2H	22.0	23.3	22.4	23.6	23.9	22.2	23.5	22.6	23.8	
	3H	23.6	24.7	24.0	25.0	25.4	23.9	25.1	24.3	25.4	
	4H	24.2	25.2	24.6	25.6	26.0	24.7	25.7	25.1	26.1	
	6H	24.6	25.5	25.0	25.9	26.4	25.2	26.2	25.7	26.6	
	8H	24.7	25.5	25.2	26.0	26.4	25.4	26.3	25.9	26.7	
	12H	24.7	25.5	25.2	26.0	26.5	25.6	26.4	26.1	26.8	
8H	4H	24.4	25.3	24.9	25.7	26.2	24.9	25.7	25.3	26.2	
	6H	25.0	25.7	25.5	26.1	26.6	25.6	26.3	26.1	26.7	
	8H	25.1	25.8	25.7	26.2	26.8	25.8	26.5	26.4	27.0	
	12H	25.2	25.8	25.8	26.3	26.8	26.1	26.6	26.6	27.1	
12H	4H	24.4	25.2	24.9	25.7	26.1	24.9	25.6	25.4	26.1	
	6H	25.0	25.6	25.5	26.1	26.7	25.6	26.2	26.1	26.7	
	8H	25.2	25.7	25.7	26.3	26.8	25.9	26.4	26.4	26.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 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 724.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

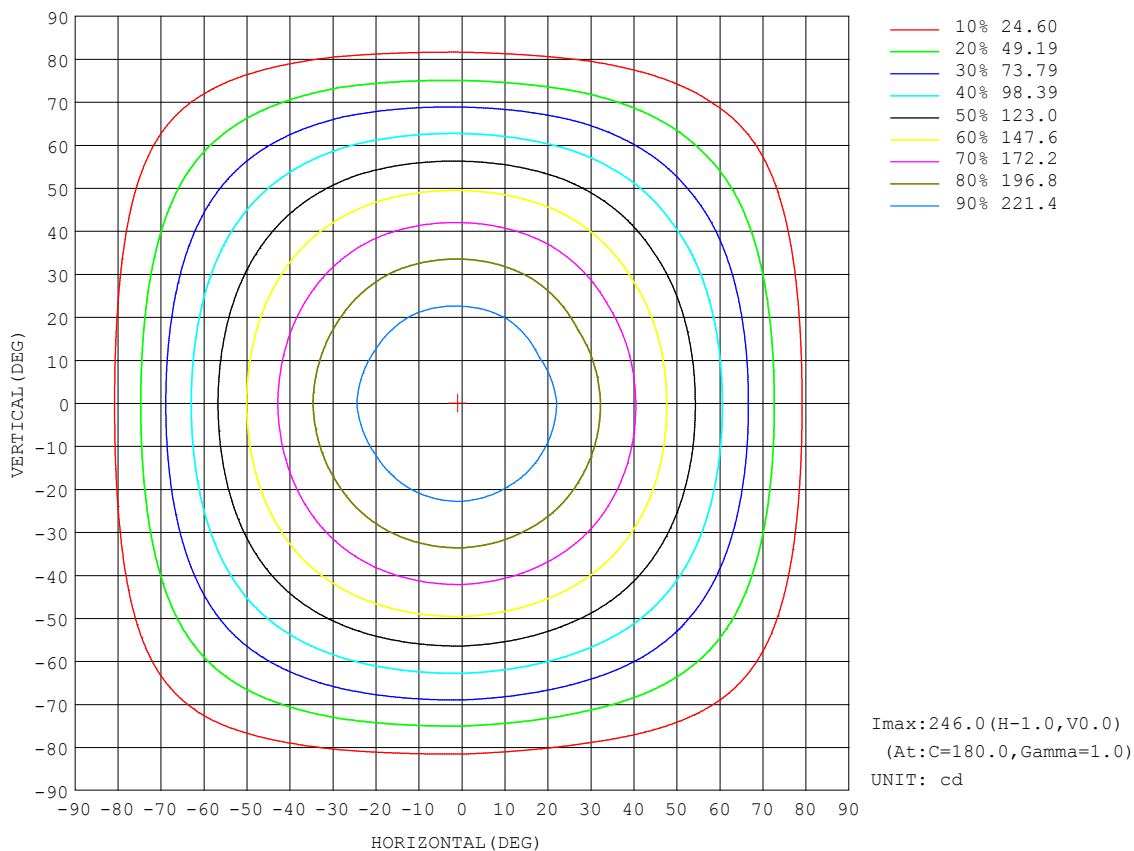
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	77	70	85	76	69	81	73	68	59
2.00	94	85	78	91	83	77	87	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	90	80
5.00	107	102	98	105	100	96	100	96	93	82
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:HXJ
 Test Date:2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

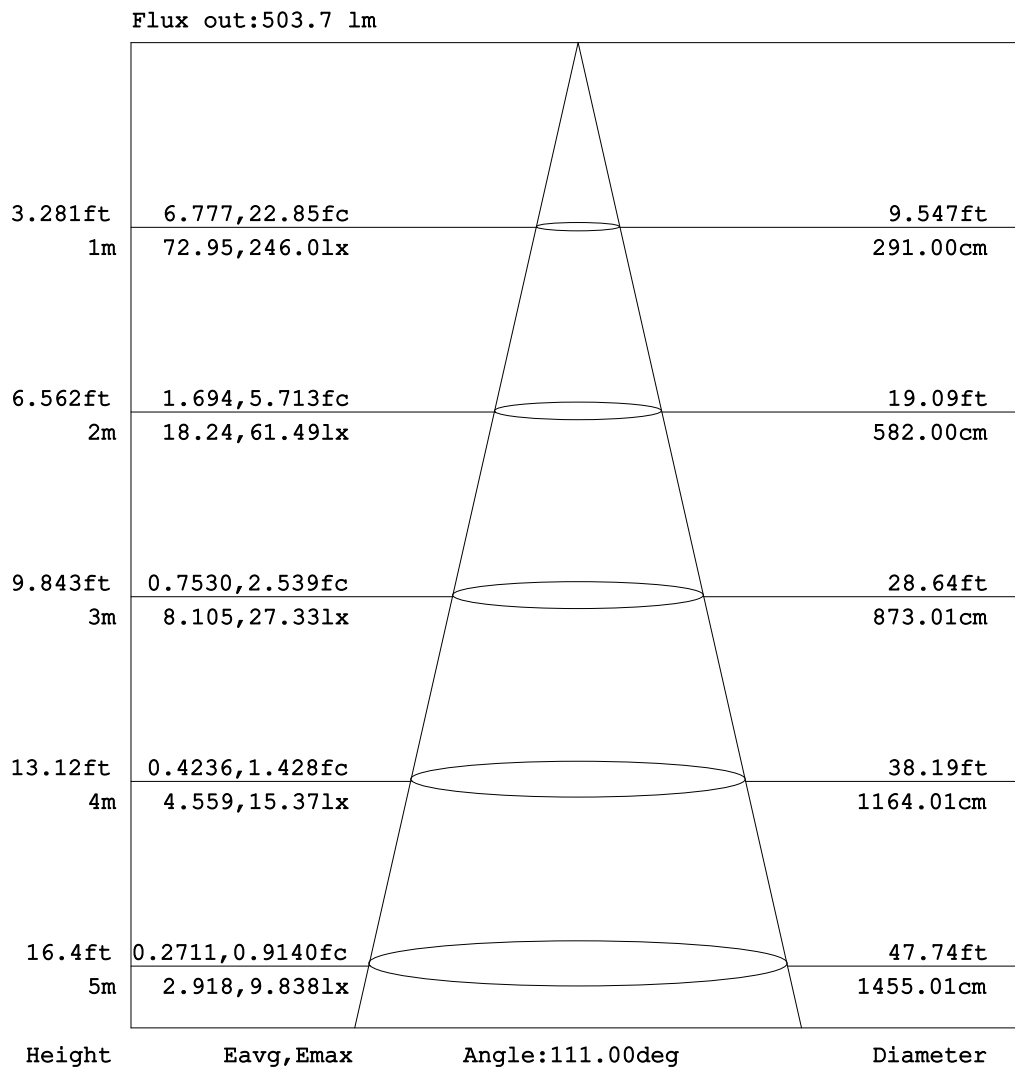


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



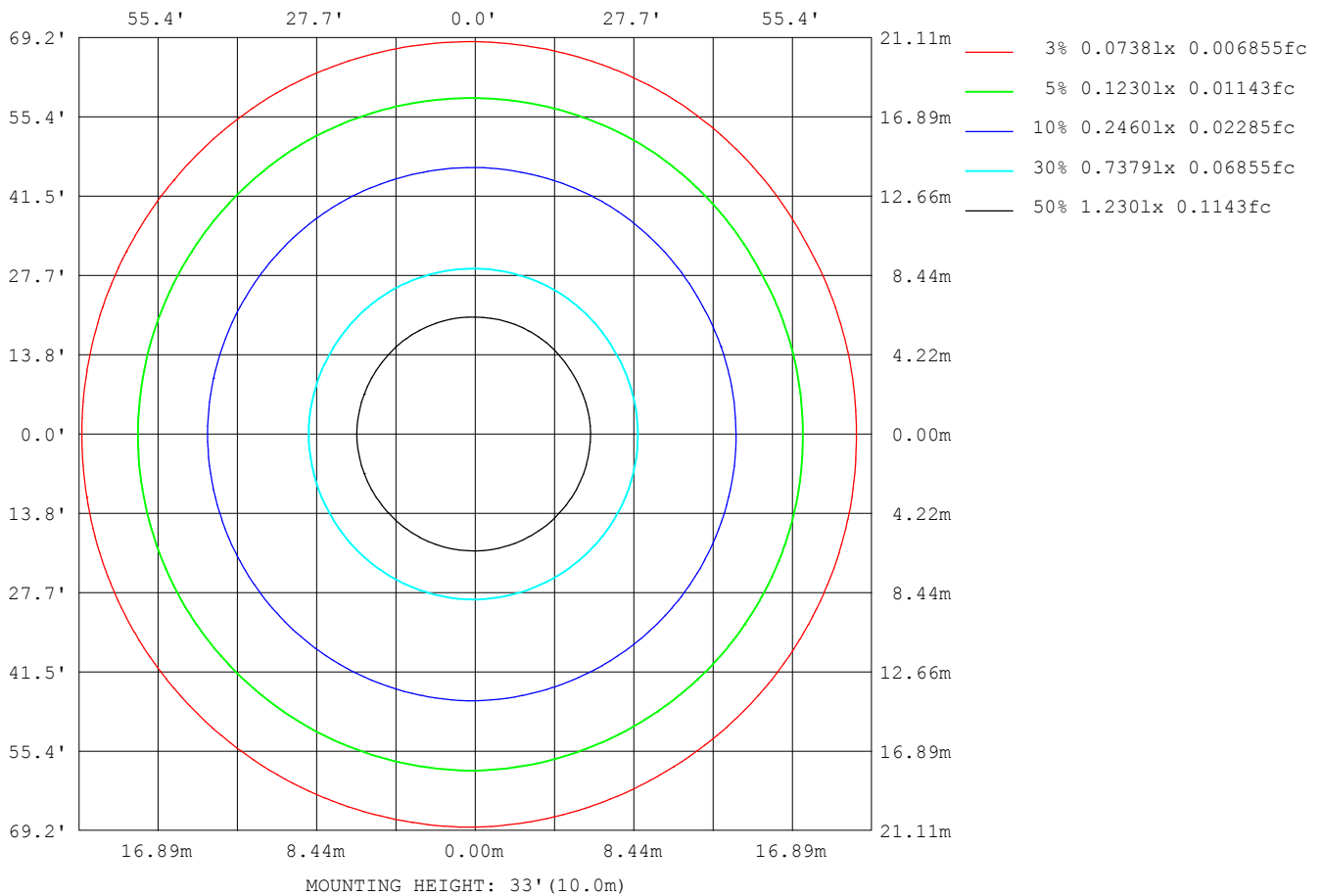
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-07

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

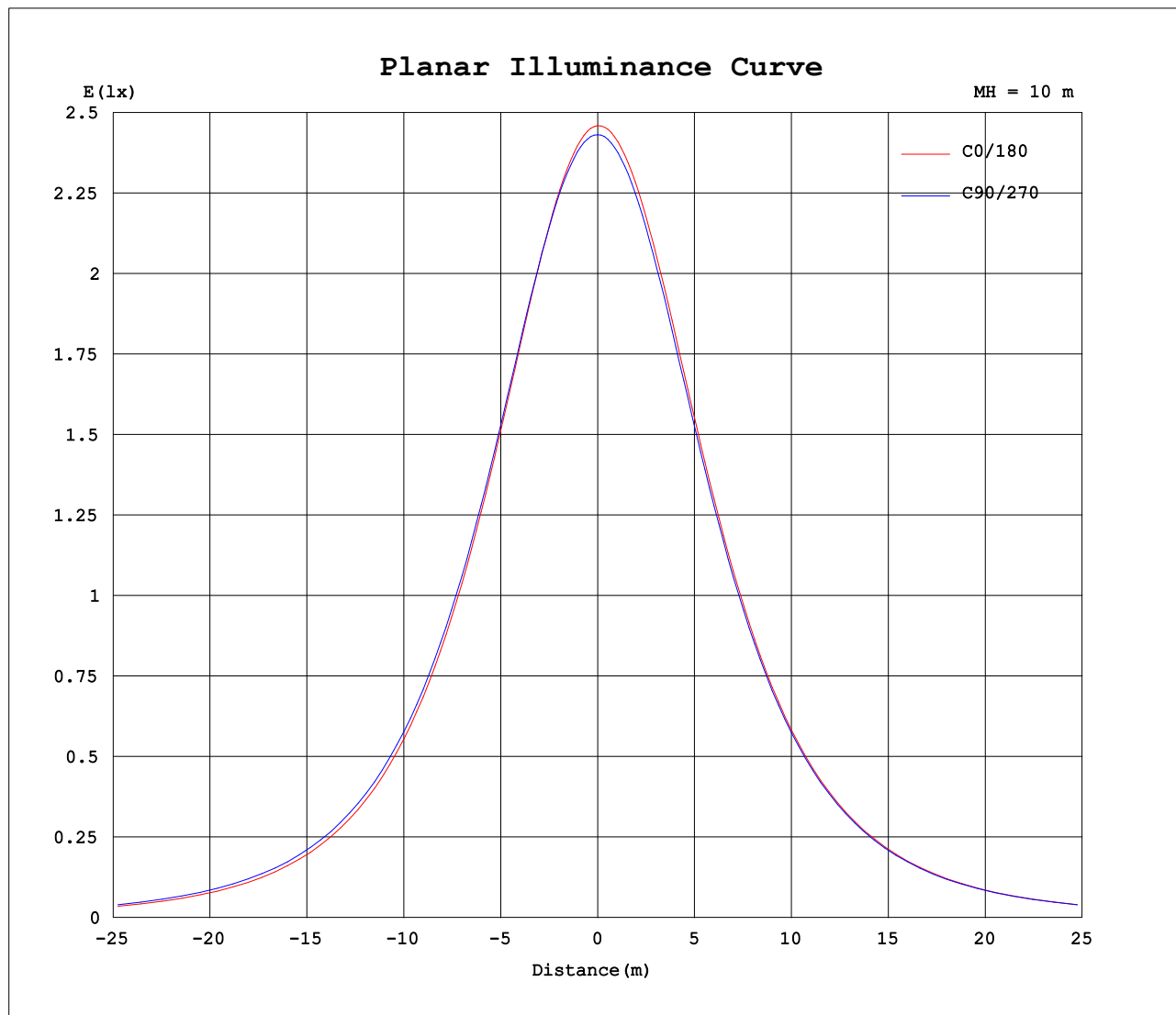
Test:U:24.00V I:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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: HXJ
Test Date: 2022-06-07

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:0.6510A P:15.62W PF:1.000 Lamp Flux:724.533x1 lm		
NAME: SF15-24V-5050-84-3000	TYPE: 硅胶	WEIGHT:
DIM.: 21mm*11.5mm	SPEC.:	SERIAL No.:20220606
MFR.: OLYMPIA	SUR.:1*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	246	244	244	243	243	243	246	244	244	243	243	243							
5	244	243	242	242	242	242	245	243	243	242	242	241							
10	240	239	239	239	239	239	242	240	240	239	238	237							
15	234	233	233	234	234	234	237	235	235	233	233	231							
20	225	225	225	226	227	227	230	228	227	226	225	223							
25	215	215	215	217	218	218	220	218	218	217	216	213							
30	203	203	204	206	207	207	209	207	207	206	204	201							
35	189	189	191	193	194	194	196	194	194	193	191	187							
40	174	174	176	179	180	180	181	180	180	178	176	172							
45	157	158	160	163	164	164	165	164	164	163	161	156							
50	139	140	143	146	147	147	148	147	147	146	143	139							
55	120	122	125	128	129	129	130	129	129	128	125	120							
60	101	103	105	110	110	111	110	110	111	109	107	101							
65	80.4	82.6	85.4	90.0	90.7	91.0	90.1	90.4	91.2	89.2	86.8	81.3							
70	59.9	62.2	65.2	69.7	70.8	70.7	69.1	69.6	71.2	69.1	66.7	61.0							
75	39.8	42.1	44.9	49.5	50.6	49.8	47.9	48.5	50.9	49.2	46.5	41.1							
80	21.5	23.6	26.0	30.1	30.9	30.0	27.6	28.4	31.2	30.2	27.6	22.9							
85	8.16	9.40	10.9	14.2	13.9	12.9	10.2	11.2	13.7	14.2	12.5	9.10							
90	3.07	3.73	4.75	6.58	5.83	4.56	2.17	3.30	4.88	6.59	6.22	3.39							
95	2.77	3.48	4.62	6.38	5.65	4.02	1.50	2.82	4.76	6.51	6.04	3.02							
100	2.79	3.52	4.62	6.17	5.66	4.16	1.64	2.91	4.82	6.38	5.98	3.03							
105	2.87	3.61	4.64	6.01	5.71	4.28	1.83	3.03	4.85	6.19	5.89	3.06							
110	3.05	3.74	4.66	5.84	5.73	4.41	2.04	3.17	4.86	6.00	5.76	3.18							
115	3.24	3.87	4.66	5.69	5.73	4.52	2.26	3.29	4.85	5.80	5.58	3.31							
120	3.41	3.99	4.66	5.58	5.71	4.60	2.47	3.42	4.85	5.56	5.40	3.42							
125	3.57	4.09	4.66	5.46	5.64	4.67	2.69	3.54	4.82	5.41	5.21	3.54							
130	3.73	4.18	4.63	5.36	5.56	4.72	2.92	3.66	4.79	5.30	5.06	3.65							
135	3.89	4.27	4.60	5.26	5.46	4.75	3.16	3.81	4.78	5.21	4.94	3.78							
140	4.05	4.36	4.59	5.14	5.35	4.78	3.40	3.92	4.77	5.14	4.85	3.90							
145	4.18	4.45	4.60	5.04	5.24	4.78	3.63	4.06	4.75	5.09	4.80	4.02							
150	4.31	4.53	4.62	4.94	5.12	4.78	3.86	4.16	4.73	5.02	4.77	4.14							
155	4.45	4.60	4.69	4.94	5.03	4.77	4.08	4.31	4.72	4.96	4.72	4.22							
160	4.56	4.65	4.78	4.94	4.97	4.76	4.28	4.38	4.71	4.90	4.71	4.32							
165	4.68	4.71	4.79	4.93	4.92	4.75	4.48	4.46	4.71	4.84	4.70	4.41							
170	4.77	4.78	4.81	4.85	4.87	4.76	4.66	4.58	4.71	4.78	4.69	4.54							
175	4.79	4.82	4.81	4.85	4.84	4.79	4.78	4.70	4.78	4.76	4.75	4.66							
180	4.81	4.81	4.84	4.84	4.83	4.78	4.81	4.80	4.81	4.80	4.81	4.74							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

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	246.0	244.1	243.5	243.1	243.2	242.9	246.0	244.1	243.5	243.1
3.0	245.2	243.4	243.0	242.8	243.0	242.7	245.8	243.9	243.3	242.7
6.0	243.5	242.0	241.6	241.6	241.9	241.9	244.9	242.9	242.2	241.5
9.0	241.1	239.7	239.4	239.7	240.1	240.1	243.2	241.1	240.5	239.6
12.0	237.8	236.6	236.5	237.1	237.5	237.6	240.5	238.3	237.9	236.8
15.0	233.8	232.7	232.9	233.7	234.2	234.3	237.1	235.0	234.5	233.3
18.0	228.9	228.2	228.5	229.4	230.1	230.2	232.9	230.9	230.5	229.1
21.0	223.4	222.9	223.3	224.7	225.3	225.5	228.0	225.9	225.7	224.1
24.0	217.2	216.9	217.5	219.2	219.7	219.9	222.3	220.5	220.2	218.7
27.0	210.3	210.1	211.0	212.7	213.6	213.6	215.9	214.0	213.9	212.2
30.0	202.7	202.7	204.0	205.9	206.7	206.9	208.9	207.2	207.1	205.6
33.0	194.6	194.9	196.2	198.5	199.2	199.4	201.2	199.7	199.6	198.1
36.0	185.9	186.4	187.9	190.4	191.2	191.3	193.0	191.4	191.6	189.9
39.0	176.7	177.4	179.1	182.0	182.5	182.8	184.1	182.8	183.0	181.2
42.0	167.0	168.0	169.9	172.7	173.5	173.7	174.8	173.8	173.8	172.1
45.0	156.9	158.1	160.1	163.4	164.0	164.1	165.0	164.0	164.3	162.6
48.0	146.3	147.7	149.9	153.3	153.9	154.1	154.9	153.8	154.2	152.6
51.0	135.4	137.0	139.3	142.9	143.6	143.8	144.3	143.4	143.9	142.1
54.0	124.0	125.6	128.3	131.8	132.8	133.0	133.3	132.8	133.1	131.4
57.0	112.4	114.3	117.0	121.0	121.7	122.0	122.0	121.1	122.1	120.2
60.0	100.6	102.7	105.4	109.6	110.3	110.6	110.3	110.2	110.7	108.5
63.0	88.53	90.61	93.53	97.67	98.62	98.87	98.24	98.05	99.02	97.10
66.0	76.30	78.40	81.39	85.95	86.71	86.93	85.90	86.02	87.18	85.23
69.0	64.00	66.39	69.26	73.77	74.80	74.70	73.24	74.11	75.19	73.07
72.0	51.75	54.13	57.04	61.42	62.72	62.21	60.47	61.27	63.00	61.23
75.0	39.77	42.14	44.90	49.46	50.60	49.83	47.90	48.53	50.91	49.22
78.0	28.40	30.76	33.22	37.71	38.57	37.67	35.56	36.37	38.92	37.51
81.0	18.36	20.07	22.52	26.63	27.19	26.25	23.79	24.90	27.37	26.66
84.0	10.25	11.73	13.34	16.93	16.91	15.74	13.22	14.12	16.89	16.99
87.0	4.981	5.958	7.021	9.627	8.947	7.967	5.331	6.334	8.569	9.553
90.0	3.069	3.733	4.752	6.579	5.828	4.561	2.168	3.300	4.878	6.587
93.0	2.778	3.463	4.629	6.458	5.642	4.006	1.518	2.840	4.744	6.529
96.0	2.771	3.493	4.619	6.327	5.651	4.046	1.523	2.824	4.770	6.493
99.0	2.764	3.523	4.621	6.201	5.659	4.126	1.614	2.885	4.815	6.418
102.0	2.809	3.528	4.624	6.101	5.689	4.202	1.719	2.950	4.845	6.308
105.0	2.869	3.609	4.639	6.005	5.709	4.277	1.835	3.030	4.852	6.187
108.0	2.975	3.689	4.648	5.905	5.734	4.363	1.956	3.116	4.855	6.076
111.0	3.090	3.770	4.660	5.814	5.733	4.438	2.081	3.196	4.858	5.971
114.0	3.196	3.850	4.660	5.729	5.732	4.503	2.212	3.272	4.855	5.840
117.0	3.301	3.920	4.659	5.644	5.730	4.558	2.342	3.347	4.853	5.690
120.0	3.412	3.986	4.659	5.583	5.714	4.604	2.473	3.422	4.851	5.559
123.0	3.508	4.051	4.659	5.503	5.674	4.644	2.599	3.498	4.830	5.468
126.0	3.613	4.106	4.659	5.448	5.634	4.679	2.735	3.573	4.815	5.383
129.0	3.704	4.162	4.639	5.372	5.584	4.709	2.875	3.653	4.809	5.317
132.0	3.819	4.207	4.624	5.317	5.518	4.729	3.011	3.719	4.790	5.257
135.0	3.895	4.267	4.604	5.257	5.458	4.749	3.157	3.809	4.782	5.207
138.0	3.975	4.322	4.594	5.181	5.393	4.769	3.297	3.890	4.775	5.167
141.0	4.066	4.383	4.591	5.116	5.328	4.784	3.438	3.950	4.765	5.131
144.0	4.151	4.443	4.600	5.051	5.262	4.783	3.584	4.015	4.753	5.091
147.0	4.226	4.488	4.609	4.995	5.187	4.782	3.725	4.096	4.744	5.061
150.0	4.312	4.533	4.618	4.940	5.116	4.780	3.855	4.161	4.734	5.021
153.0	4.392	4.578	4.644	4.938	5.051	4.774	3.986	4.237	4.724	4.986
156.0	4.473	4.599	4.709	4.936	5.016	4.767	4.112	4.312	4.714	4.945
159.0	4.548	4.634	4.744	4.936	4.976	4.762	4.232	4.377	4.709	4.905
162.0	4.613	4.669	4.785	4.935	4.950	4.756	4.363	4.397	4.709	4.870
165.0	4.679	4.709	4.793	4.930	4.920	4.750	4.478	4.458	4.709	4.840
168.0	4.734	4.754	4.798	4.880	4.880	4.744	4.594	4.523	4.709	4.810
171.0	4.773	4.800	4.809	4.853	4.850	4.774	4.679	4.613	4.709	4.765
174.0	4.785	4.814	4.807	4.849	4.841	4.784	4.760	4.689	4.760	4.754
177.0	4.804	4.820	4.805	4.845	4.835	4.790	4.815	4.734	4.815	4.769
180.0	4.810	4.810	4.840	4.845	4.835	4.785	4.810	4.800	4.815	4.805
G/C	300.0	330.0								
0.0	243.2	242.9								
3.0	242.7	242.1								
6.0	241.3	240.6								
9.0	239.2	238.2								
12.0	236.3	235.1								
15.0	232.8	231.1								
18.0	228.4	226.5								
21.0	223.3	221.0								
24.0	217.6	215.2								
27.0	211.1	208.3								
30.0	204.1	200.9								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-06-07

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:

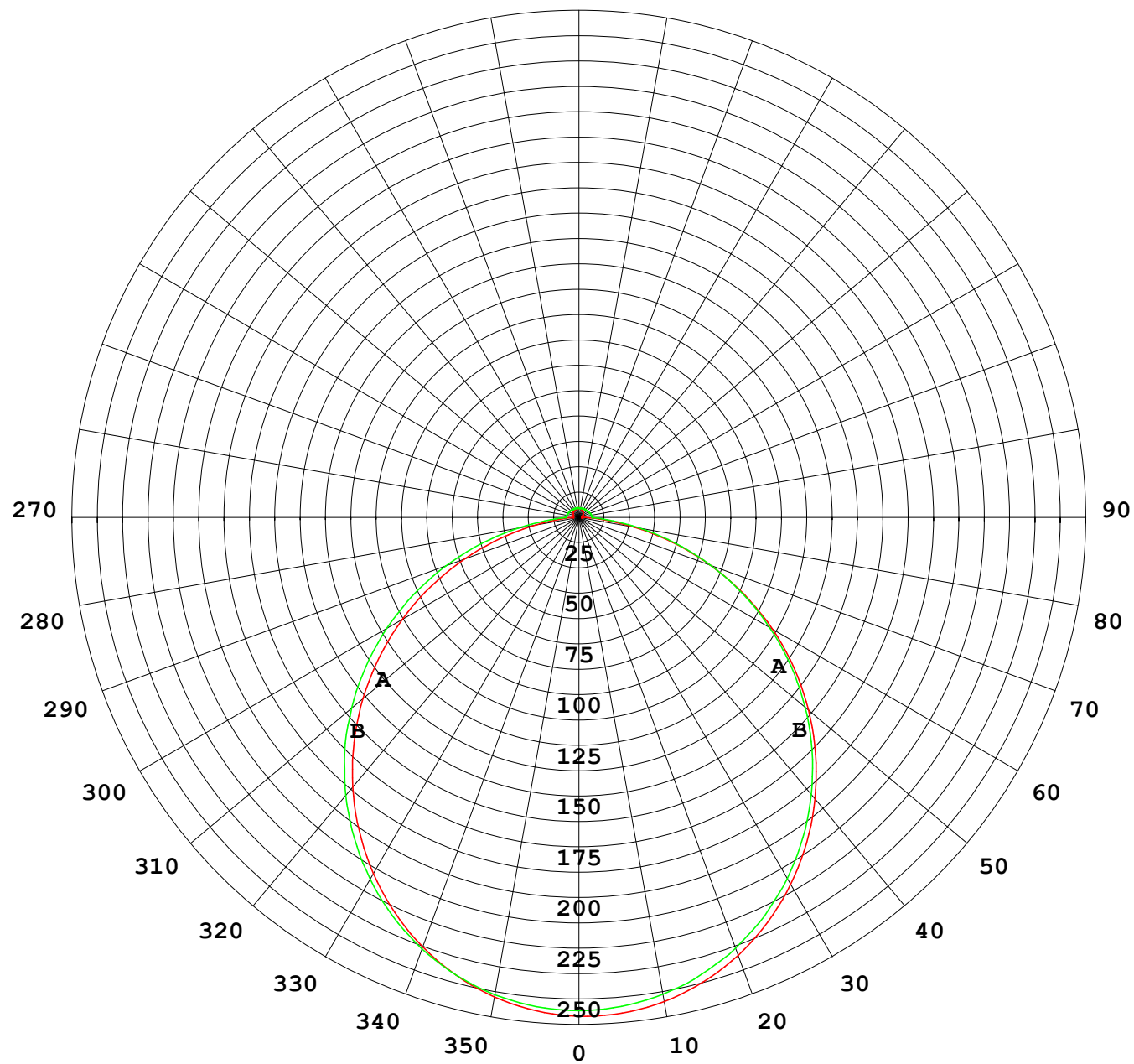
Photometric Data Table [cd]

33.0	196.5	193.1
36.0	188.2	184.5
39.0	179.5	175.7
42.0	170.2	166.3
45.0	160.5	156.3
48.0	150.5	145.9
51.0	140.0	135.1
54.0	129.1	124.3
57.0	118.0	112.8
60.0	106.5	101.0
63.0	94.54	89.30
66.0	82.76	77.25
69.0	70.72	65.08
72.0	58.39	53.09
75.0	46.48	41.12
78.0	34.93	29.74
81.0	24.23	19.73
84.0	15.10	11.29
87.0	8.686	5.648
90.0	6.220	3.386
93.0	6.066	3.021
96.0	6.021	3.023
99.0	5.986	3.026
102.0	5.945	3.029
105.0	5.895	3.055
108.0	5.820	3.136
111.0	5.734	3.211
114.0	5.623	3.282
117.0	5.518	3.352
120.0	5.402	3.417
123.0	5.282	3.493
126.0	5.186	3.573
129.0	5.091	3.643
132.0	5.020	3.704
135.0	4.940	3.779
138.0	4.880	3.849
141.0	4.855	3.920
144.0	4.800	3.990
147.0	4.794	4.066
150.0	4.769	4.141
153.0	4.739	4.181
156.0	4.719	4.232
159.0	4.712	4.297
162.0	4.704	4.352
165.0	4.699	4.407
168.0	4.695	4.488
171.0	4.691	4.563
174.0	4.730	4.634
177.0	4.800	4.699
180.0	4.815	4.744

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-07

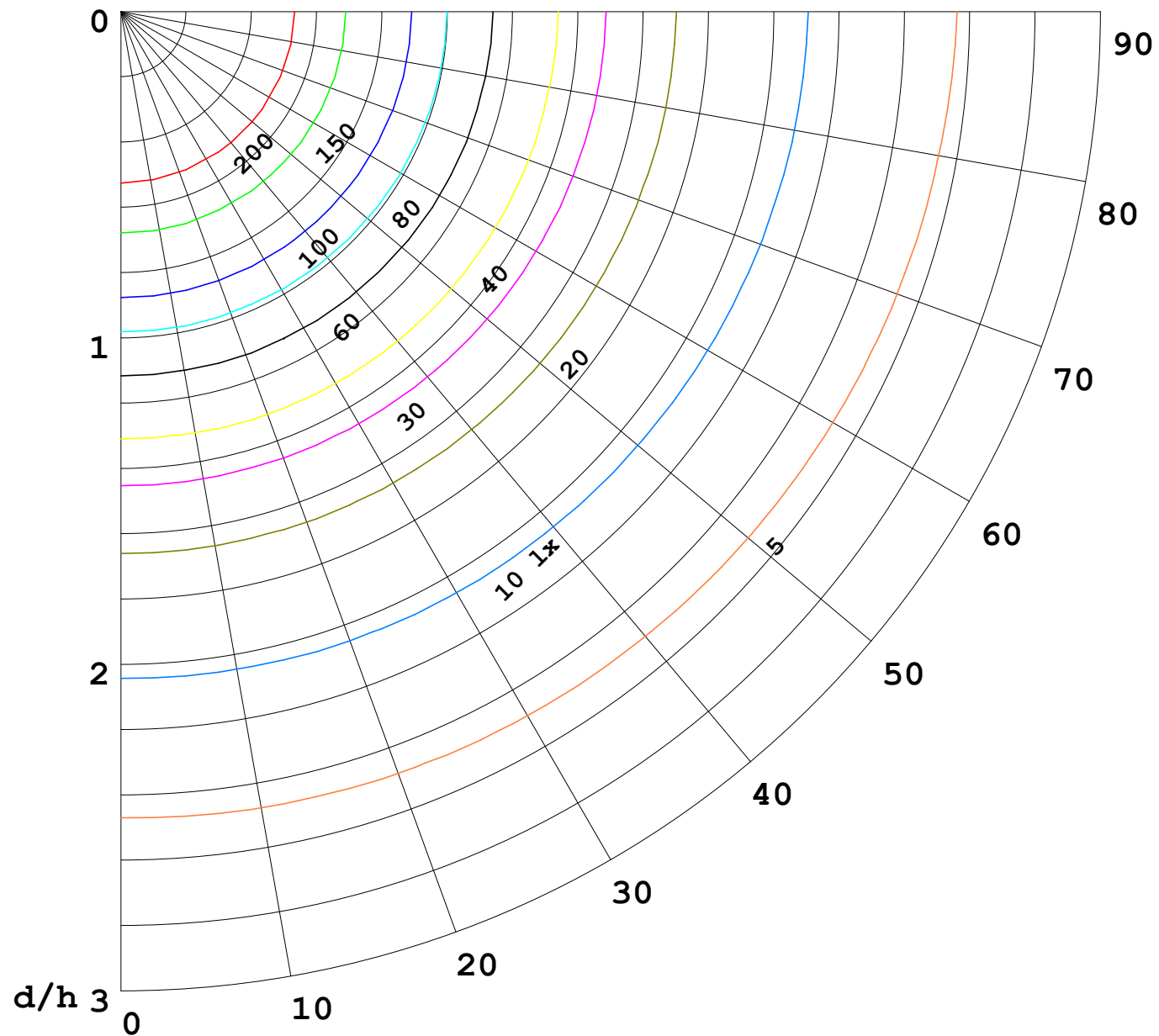
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

