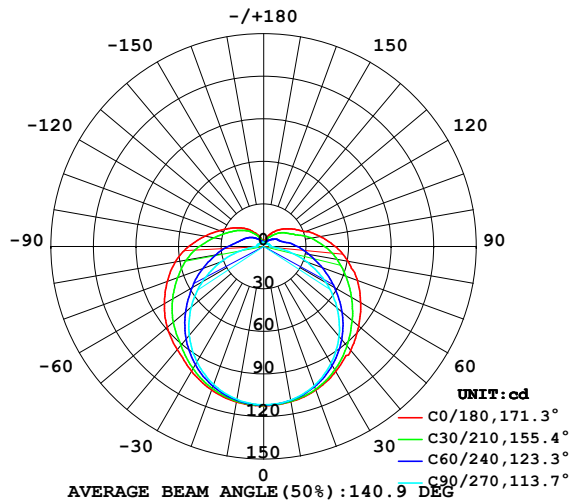


LUMINAIRE PHOTOMETRIC TEST REPORT

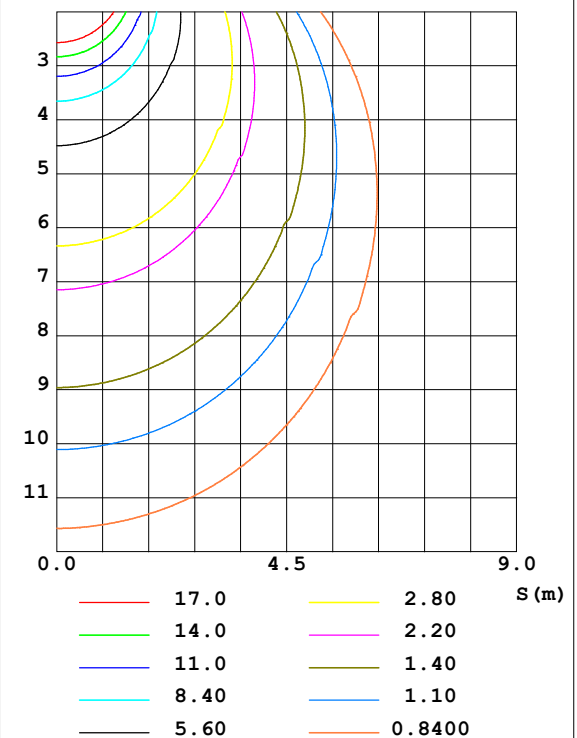
Test:U:24.00V I:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.91 lm/W			
MODEL	5050	I _{max} (cd)	112.4	S/MH (C0/180)	1.35
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	527.05	η UP, DN (C0-180)	9.6, 40.3
NOMINAL FLUX (lm)	527.055	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	9.8, 40.3
LAMPS INSIDE	1	η up (%)	19.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	80.6	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



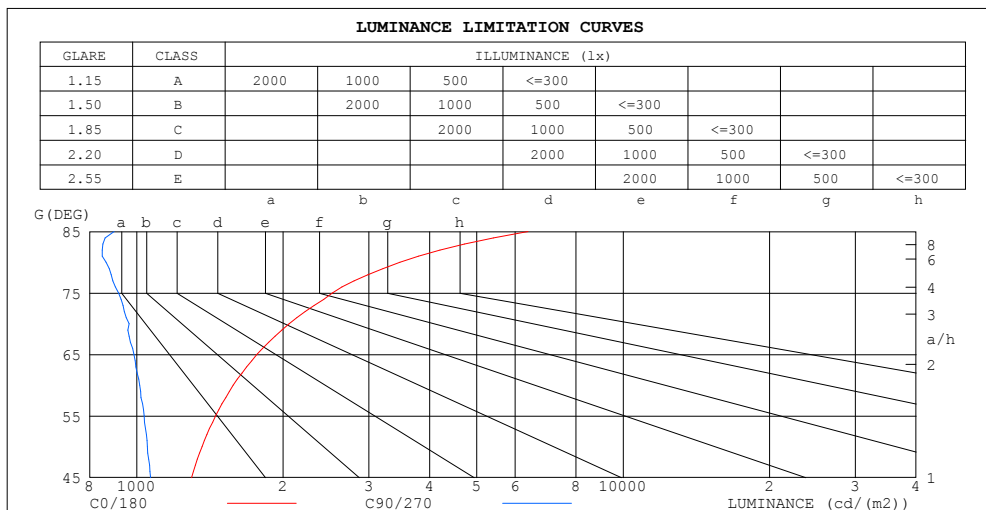
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-29

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	111.2	110.5	110.0	110.3	111.4	110.5	109.5	109.7	0- 10	10.60	10.60	2.01,2.01
20	107.8	106.1	104.5	105.8	107.7	105.7	103.5	105.1	10- 20	30.63	41.23	7.82,7.82
30	101.8	98.69	95.09	98.10	101.7	98.03	94.21	97.62	20- 30	47.19	88.42	16.8,16.8
40	95.65	88.59	82.72	88.05	94.90	88.07	81.77	87.70	30- 40	58.51	146.9	27.9,27.9
50	87.54	76.89	67.65	77.70	88.90	77.63	66.81	76.36	40- 50	64.08	211.0	40,40
60	78.97	64.60	50.72	66.54	80.96	66.35	49.98	64.51	50- 60	63.95	275.0	52.2,52.2
70	70.34	52.86	32.97	55.49	72.36	55.23	32.28	53.14	60- 70	58.87	333.8	63.3,63.3
80	60.31	42.49	15.03	45.23	63.36	44.86	15.14	42.98	70- 80	50.36	384.2	72.9,72.9
90	50.50	33.38	4.573	35.67	52.83	35.32	5.132	33.99	80- 90	40.43	424.6	80.6,80.6
100	40.74	25.31	4.287	27.62	42.21	27.22	4.805	25.86	90-100	31.49	456.1	86.5,86.5
110	31.01	18.08	3.940	21.94	33.05	21.64	4.393	18.58	100-110	23.57	479.7	91,91
120	24.58	14.77	3.598	17.56	26.09	17.53	3.956	15.55	110-120	17.40	497.1	94.3,94.3
130	19.54	11.54	3.241	13.68	20.45	13.77	3.619	12.15	120-130	12.65	509.7	96.7,96.7
140	14.97	8.369	2.960	10.10	15.38	10.21	3.342	8.415	130-140	8.434	518.2	98.3,98.3
150	10.68	6.051	2.769	7.153	10.49	7.172	3.131	5.760	140-150	4.960	523.1	99.3,99.3
160	7.049	4.286	2.563	4.661	6.494	4.657	2.930	4.020	150-160	2.578	525.7	99.7,99.7
170	3.570	3.206	2.593	3.035	3.084	3.048	2.774	3.001	160-170	1.075	526.8	99.9,99.9
180	2.699	2.671	2.628	2.679	2.689	2.684	2.639	2.679	170-180	0.2724	527.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



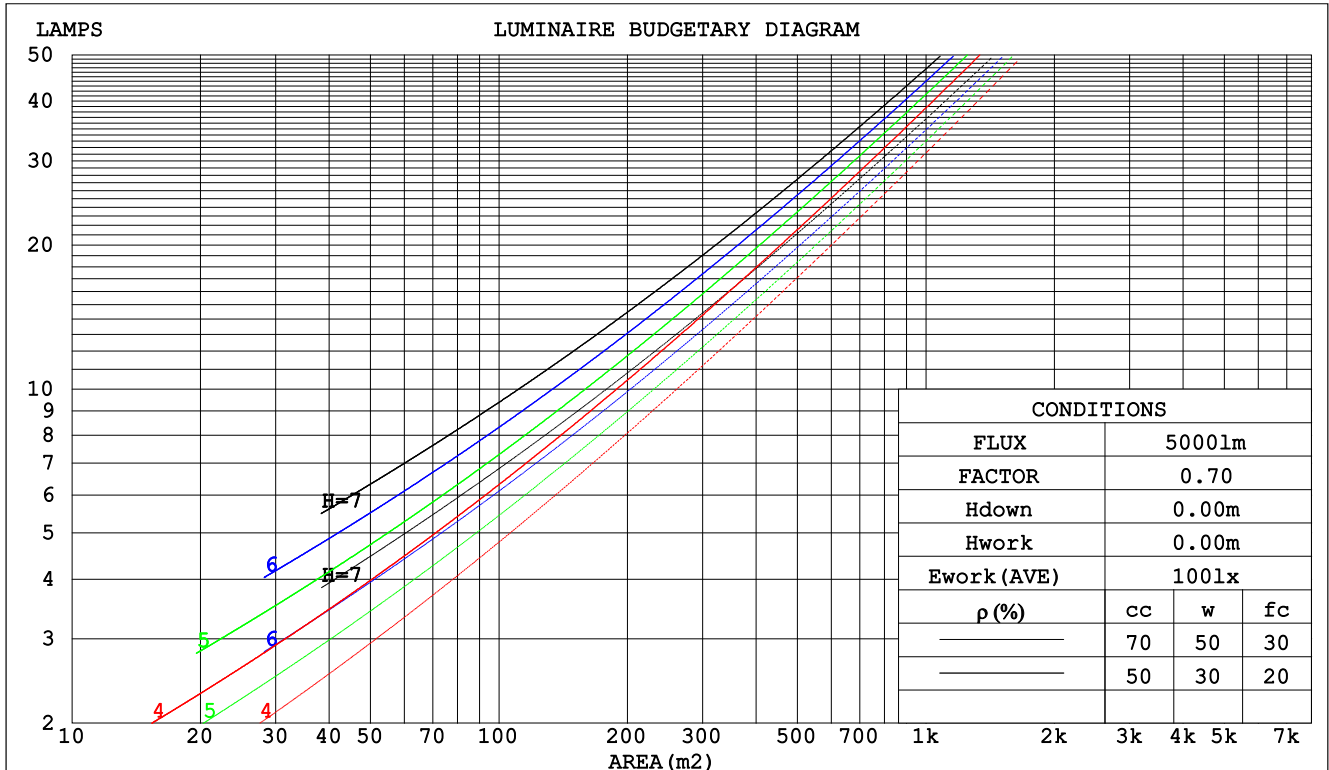
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	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	1.14	1.14	1.14	1.09	1.09	1.09	1.00	1.00	1.00	.92	.92	.92	.84	.84	.84	.81
1.0	.95	.90	.85	.91	.86	.82	.83	.79	.76	.76	.73	.70	.69	.67	.64	.61
2.0	.81	.73	.67	.78	.71	.65	.71	.65	.60	.65	.60	.56	.59	.55	.52	.48
3.0	.71	.61	.54	.67	.59	.53	.62	.55	.49	.56	.51	.46	.51	.47	.43	.39
4.0	.62	.52	.45	.59	.51	.44	.54	.47	.41	.50	.43	.38	.45	.40	.36	.33
5.0	.55	.45	.38	.53	.44	.37	.48	.41	.35	.44	.38	.33	.40	.35	.31	.28
6.0	.49	.40	.33	.47	.38	.32	.43	.36	.30	.40	.33	.29	.36	.31	.27	.24
7.0	.44	.35	.29	.43	.34	.28	.39	.32	.27	.36	.30	.25	.33	.28	.24	.21
8.0	.40	.32	.26	.39	.31	.25	.36	.29	.24	.33	.27	.22	.30	.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:25.3DEG
 Operators:HXJ
 Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm					
NAME: SF21-24-5050-84-3000K			TYPE: 硅胶		WEIGHT:
DIM.: 28mm*11.5mm			SPEC.:		SERIAL No.:20220629
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	.387	.220	.070	.374	.213	.068	.350	.201	.064	.327	.189	.061	.306	.177	.057		
2.0	.334	.183	.056	.322	.178	.055	.300	.167	.052	.280	.157	.049	.261	.147	.046		
3.0	.296	.158	.047	.286	.153	.046	.266	.144	.044	.247	.135	.041	.230	.127	.039		
4.0	.267	.139	.041	.257	.134	.040	.239	.127	.038	.222	.119	.036	.206	.112	.034		
5.0	.242	.123	.036	.233	.120	.035	.217	.113	.033	.201	.106	.032	.187	.100	.030		
6.0	.222	.111	.032	.214	.108	.031	.199	.102	.030	.184	.096	.028	.171	.090	.027		
7.0	.205	.101	.029	.197	.098	.028	.183	.093	.027	.170	.087	.025	.158	.082	.024		
8.0	.190	.093	.026	.183	.090	.025	.170	.085	.024	.158	.080	.023	.147	.075	.022		
9.0	.177	.085	.024	.171	.083	.023	.159	.078	.022	.148	.074	.021	.137	.070	.020		
10.0	.165	.079	.022	.160	.077	.022	.149	.073	.021	.138	.069	.020	.129	.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	.339	.339	.339	.289	.289	.289	.197	.197	.197	.113	.113	.113	.036	.036	.036	
1.0	.335	.305	.278	.287	.262	.239	.196	.180	.165	.113	.104	.096	.036	.034	.031	
2.0	.328	.282	.243	.281	.243	.210	.193	.168	.147	.111	.098	.086	.036	.032	.028	
3.0	.321	.266	.222	.275	.229	.192	.189	.159	.135	.109	.093	.079	.035	.030	.026	
4.0	.313	.253	.207	.269	.219	.180	.185	.152	.127	.107	.089	.075	.034	.029	.025	
5.0	.305	.243	.198	.262	.211	.172	.181	.147	.121	.105	.086	.072	.034	.028	.024	
6.0	.298	.235	.191	.256	.204	.166	.177	.143	.118	.102	.084	.070	.033	.027	.023	
7.0	.291	.229	.186	.250	.198	.162	.173	.139	.115	.100	.082	.068	.032	.027	.023	
8.0	.284	.223	.182	.244	.194	.158	.169	.136	.112	.098	.080	.067	.032	.026	.022	
9.0	.278	.219	.179	.239	.190	.156	.166	.133	.111	.097	.079	.066	.031	.026	.022	
10.0	.272	.214	.176	.234	.186	.154	.163	.131	.109	.095	.077	.065	.031	.025	.022	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm											
NAME.: SF21-24-5050-84-3000K						TYPE:硅胶		WEIGHT:			
DIM.: 28mm*11.5mm						SPEC.:		SERIAL No.:20220629			
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	13.2	14.6	13.7	15.1	15.7	11.5	12.8	12.0	13.3	13.9	
	3H	15.9	17.2	16.5	17.7	18.4	13.1	14.4	13.7	14.9	15.6
	4H	17.4	18.6	18.0	19.2	19.9	13.8	15.0	14.4	15.6	16.3
	6H	19.1	20.2	19.7	20.8	21.5	14.4	15.5	15.0	16.1	16.8
	8H	20.0	21.1	20.6	21.7	22.4	14.6	15.7	15.2	16.3	17.0
	12H	21.1	22.1	21.7	22.8	23.5	14.8	15.8	15.4	16.4	17.1
4H	2H	13.8	15.0	14.4	15.6	16.2	12.5	13.7	13.1	14.2	14.9
	3H	16.7	17.8	17.4	18.4	19.1	14.4	15.4	15.0	16.0	16.7
	4H	18.4	19.4	19.1	20.0	20.8	15.3	16.2	15.9	16.9	17.6
	6H	20.3	21.2	21.0	21.8	22.6	16.1	16.9	16.7	17.6	18.4
	8H	21.4	22.2	22.0	22.8	23.6	16.4	17.2	17.1	17.9	18.7
	12H	22.6	23.3	23.3	24.0	24.8	16.6	17.4	17.3	18.1	18.9
8H	4H	18.8	19.6	19.5	20.3	21.1	16.3	17.1	16.9	17.7	18.5
	6H	21.0	21.7	21.7	22.4	23.2	17.4	18.1	18.1	18.8	19.6
	8H	22.2	22.9	23.0	23.6	24.4	17.9	18.6	18.7	19.3	20.1
	12H	23.7	24.2	24.4	25.0	25.9	18.4	19.0	19.2	19.7	20.6
12H	4H	18.8	19.6	19.5	20.2	21.0	16.6	17.3	17.3	18.0	18.8
	6H	21.1	21.7	21.8	22.4	23.3	18.0	18.6	18.7	19.3	20.1
	8H	22.5	23.0	23.2	23.8	24.6	18.7	19.2	19.4	19.9	20.8
Variations with the observer position at spacings:											
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 Corrected 527.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

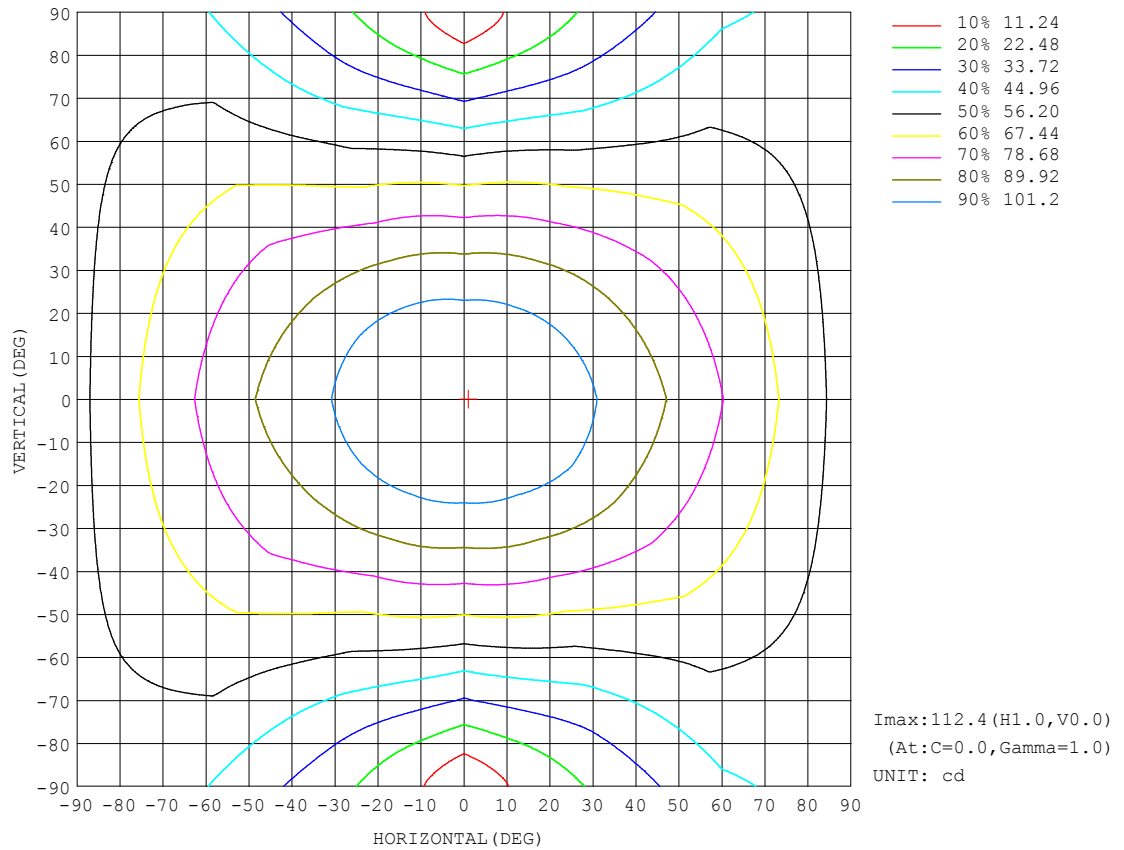
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	28	46	34	27	44	33	27	20
0.80	56	43	35	55	43	35	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	47
2.50	88	78	69	84	75	68	78	70	64	51
3.00	92	82	75	88	79	73	81	74	68	55
4.00	96	88	82	92	85	79	85	79	74	59
5.00	99	92	86	95	89	83	87	82	78	62
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:HXJ
 Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

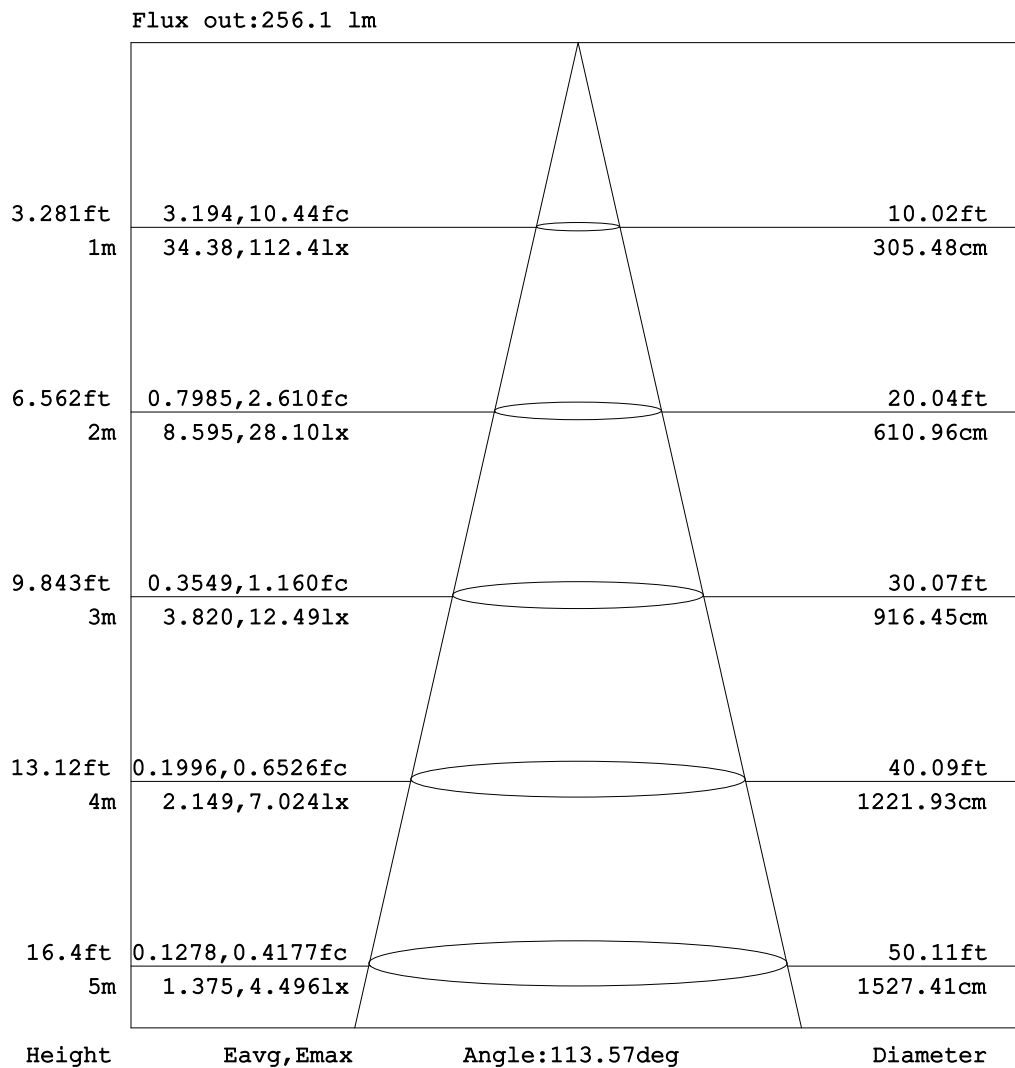


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



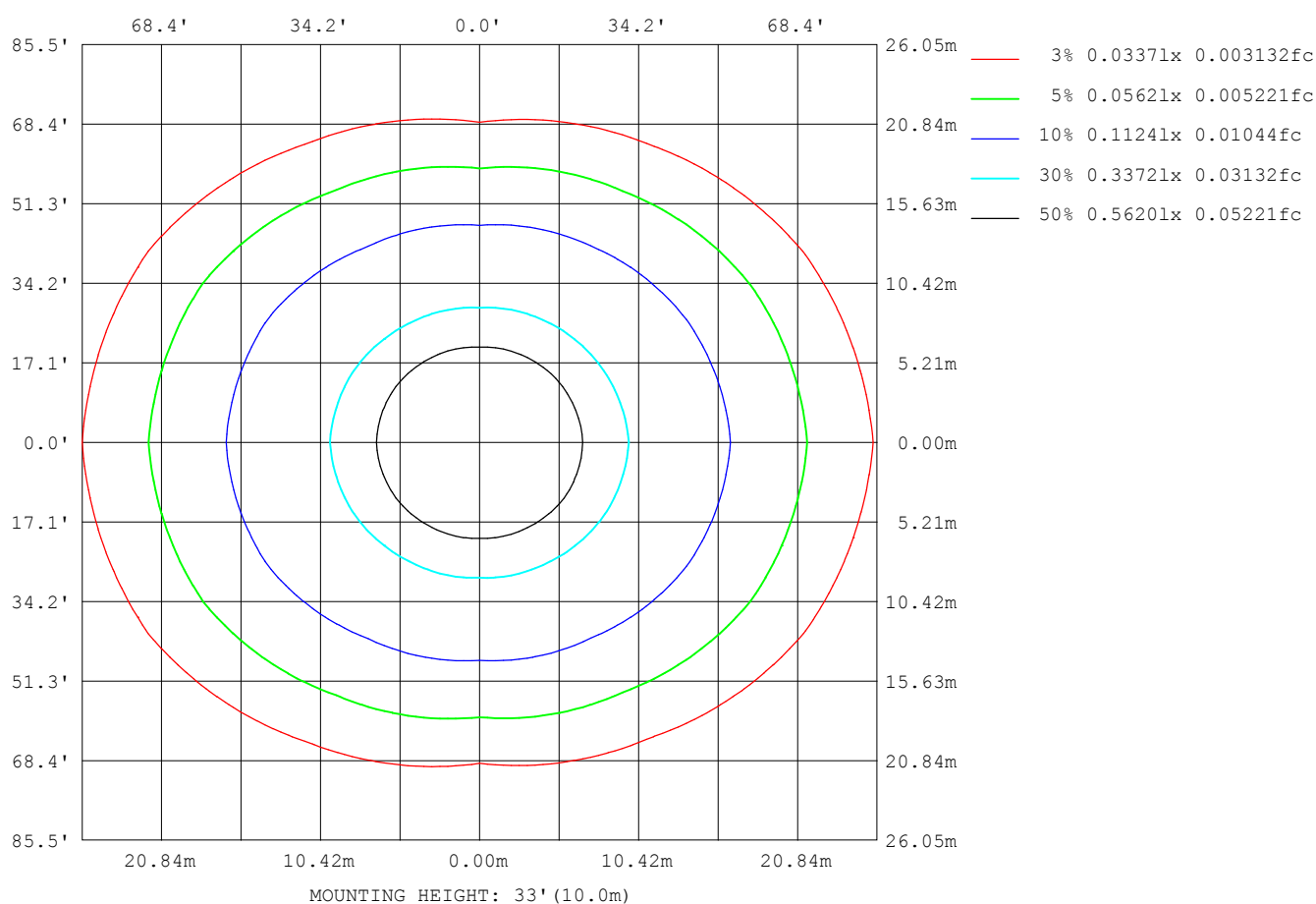
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-29

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

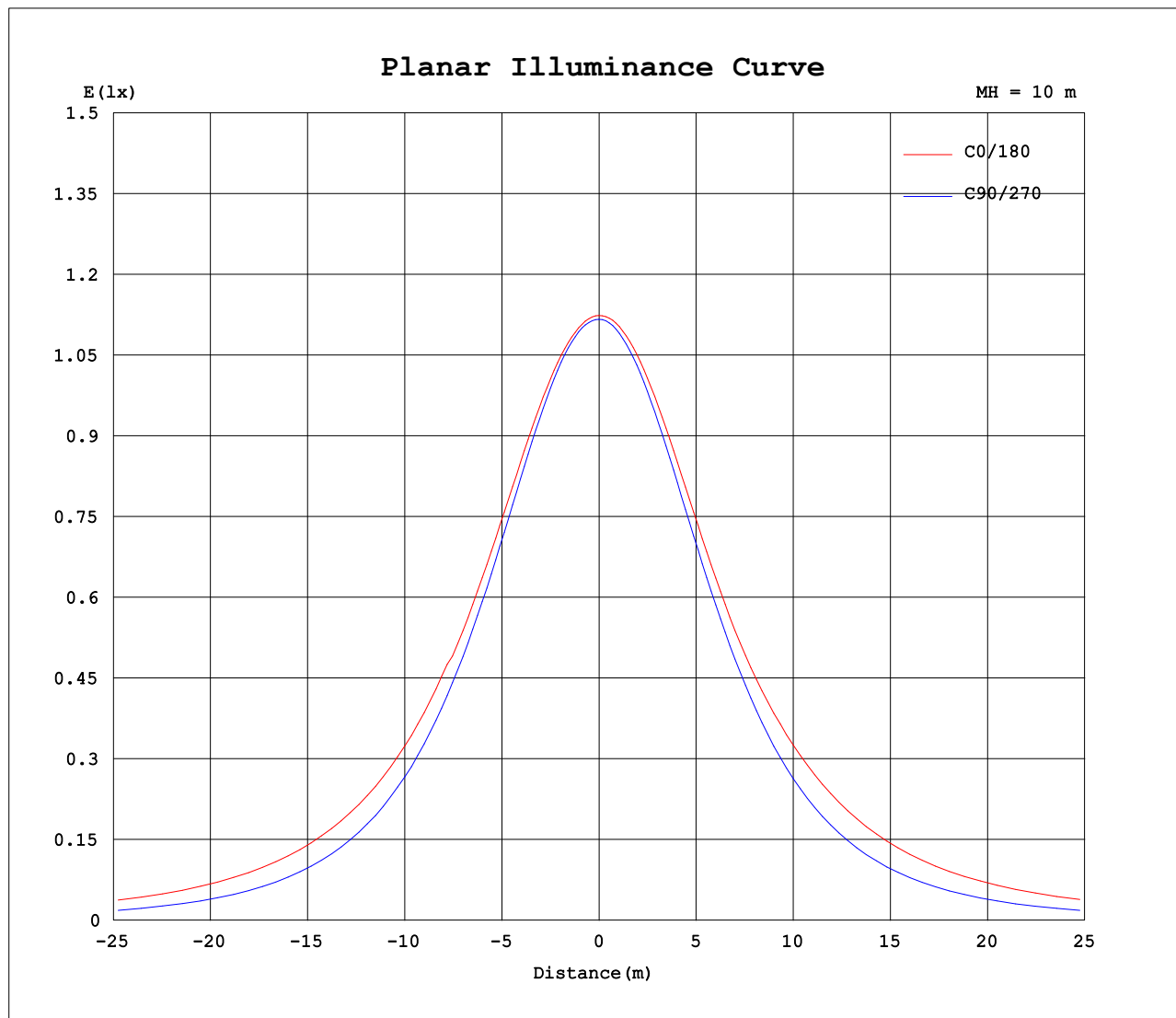
Test:U:24.00V I:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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: 2022-06-29

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:0.6475A P:15.54W PF:1.000 Lamp Flux:527.055x1 lm		
NAME: SF21-24-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 28mm*11.5mm	SPEC.:	SERIAL No.:20220629
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	112	112	112	112	111	111	112	112	112	112	111	111							
5	112	112	111	111	111	111	112	112	111	111	111	111							
10	111	111	110	110	110	110	111	111	110	109	109	110							
15	110	109	108	108	108	109	110	109	108	107	107	108							
20	108	107	105	104	105	106	108	107	105	104	104	106							
25	105	104	101	100	101	103	105	103	101	99.3	101	103							
30	102	101	96.9	95.1	96.6	99.6	102	99.7	96.4	94.2	96.1	99.1							
35	98.0	96.3	91.6	89.2	91.4	95.4	98.0	95.5	91.1	88.3	90.9	94.9							
40	95.7	91.5	85.7	82.7	85.4	90.7	94.9	90.9	85.2	81.8	85.2	90.2							
45	91.7	86.5	79.2	75.5	79.0	86.9	92.2	87.1	78.8	74.6	78.9	85.2							
50	87.5	81.6	72.2	67.6	72.2	83.2	88.9	83.3	72.0	66.8	72.2	80.5							
55	83.3	76.5	65.0	59.4	65.2	78.9	85.1	78.9	65.0	58.6	65.3	75.7							
60	79.0	71.5	57.7	50.7	58.9	74.2	81.0	74.2	58.5	50.0	58.2	70.9							
65	74.7	66.6	50.7	41.7	52.6	69.3	76.7	69.4	52.2	41.2	51.4	66.0							
70	70.3	61.7	44.0	33.0	46.4	64.6	72.4	64.6	45.8	32.3	44.9	61.4							
75	65.3	57.1	37.8	23.8	40.3	60.0	68.0	60.0	39.7	23.4	38.8	57.0							
80	60.3	52.6	32.4	15.0	35.1	55.4	63.4	55.4	34.3	15.1	33.5	52.5							
85	55.6	47.9	27.8	7.83	30.4	50.5	58.3	50.6	29.6	8.27	28.9	47.9							
90	50.5	43.0	23.8	4.57	26.0	45.3	52.8	45.4	25.2	5.13	24.8	43.2							
95	45.5	38.4	20.5	4.45	22.3	40.3	47.3	40.3	21.5	4.97	21.5	38.7							
100	40.7	34.1	16.5	4.29	19.6	35.7	42.2	35.7	18.7	4.80	17.2	34.5							
105	36.2	29.5	13.7	4.12	17.6	31.6	37.4	31.5	16.8	4.59	13.8	29.2							
110	31.0	24.2	12.0	3.94	15.9	28.0	33.0	28.0	15.3	4.39	13.0	24.2							
115	27.5	21.3	11.2	3.76	14.3	25.0	29.3	25.1	13.9	4.17	12.0	21.9							
120	24.6	19.0	10.5	3.60	12.8	22.3	26.1	22.5	12.6	3.96	10.7	20.4							
125	22.0	17.2	9.05	3.41	11.4	19.9	23.2	20.1	11.1	3.78	9.48	18.2							
130	19.5	15.0	8.05	3.24	9.77	17.6	20.4	17.7	9.83	3.62	8.15	16.1							
135	17.2	13.0	7.01	3.10	8.42	15.3	17.8	15.5	8.44	3.47	7.07	13.8							
140	15.0	10.6	6.09	2.96	7.36	12.8	15.4	13.0	7.38	3.34	6.06	10.8							
145	12.7	9.02	5.30	2.85	6.35	10.8	12.4	10.8	6.41	3.23	5.17	8.51							
150	10.7	7.49	4.62	2.77	5.29	9.02	10.5	9.02	5.32	3.13	4.51	7.01							
155	8.76	6.14	4.06	2.65	4.19	7.42	8.34	7.39	4.31	3.03	3.87	5.60							
160	7.05	4.90	3.67	2.56	3.55	5.77	6.49	5.68	3.63	2.93	3.57	4.47							
165	5.36	3.95	3.30	2.56	3.09	4.26	4.49	4.16	3.14	2.84	3.04	3.62							
170	3.57	3.46	2.96	2.59	2.78	3.29	3.08	3.28	2.81	2.77	2.88	3.12							
175	2.98	2.87	2.71	2.61	2.68	2.75	2.69	2.81	2.68	2.70	2.74	2.84							
180	2.70	2.70	2.64	2.63	2.66	2.70	2.69	2.70	2.66	2.64	2.63	2.72							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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	112.4	112.1	111.9	111.7	111.5	111.4	112.4	112.1	111.9	111.7
3.0	112.2	112.0	111.7	111.5	111.5	111.3	112.3	112.1	111.7	111.5
6.0	111.9	111.6	111.3	111.1	111.1	111.1	112.1	111.7	111.2	110.9
9.0	111.4	111.1	110.5	110.4	110.4	110.6	111.6	111.1	110.4	109.9
12.0	110.7	110.3	109.5	109.2	109.4	109.9	110.9	110.2	109.3	108.6
15.0	109.8	109.4	108.1	107.7	108.1	108.8	109.9	109.0	107.9	107.0
18.0	108.7	108.2	106.5	105.9	106.4	107.4	108.7	107.6	106.2	105.0
21.0	107.3	106.6	104.5	103.7	104.4	105.9	107.2	106.0	104.2	102.8
24.0	105.7	104.8	102.2	101.2	102.1	104.0	105.6	104.0	101.9	100.2
27.0	103.9	102.8	99.71	98.33	99.50	101.9	103.8	102.0	99.29	97.35
30.0	101.8	100.5	96.87	95.09	96.63	99.57	101.7	99.69	96.37	94.21
33.0	99.59	98.06	93.82	91.76	93.57	97.06	99.55	97.21	93.29	90.73
36.0	97.20	95.36	90.48	88.04	90.21	94.41	97.29	94.58	89.93	87.07
39.0	96.54	92.51	86.89	83.98	86.63	91.66	95.44	91.80	86.41	83.11
42.0	94.05	89.44	83.11	79.92	82.87	89.09	93.84	89.26	82.67	78.93
45.0	91.65	86.45	79.17	75.47	79.00	86.88	92.16	87.09	78.77	74.57
48.0	89.19	83.45	75.04	70.83	74.95	84.70	90.27	84.85	74.74	69.96
51.0	86.69	80.58	70.80	66.07	70.83	82.34	88.18	82.46	70.61	65.22
54.0	84.15	77.52	66.44	60.96	66.64	79.81	85.89	79.88	66.39	60.34
57.0	81.55	74.59	62.03	55.95	62.62	77.01	83.50	77.11	62.30	55.24
60.0	78.97	71.52	57.68	50.72	58.86	74.23	80.96	74.21	58.49	49.98
63.0	76.39	68.52	53.46	45.21	55.16	71.30	78.38	71.35	54.72	44.81
66.0	73.83	65.60	49.33	39.86	51.37	68.34	75.82	68.42	50.94	39.48
69.0	71.21	62.72	45.32	34.38	47.63	65.59	73.22	65.55	47.10	34.10
72.0	68.54	59.82	41.44	29.16	43.93	62.75	70.61	62.80	43.31	28.75
75.0	65.32	57.10	37.78	23.76	40.35	60.03	67.97	60.03	39.69	23.42
78.0	62.10	54.36	34.44	18.43	37.08	57.28	65.26	57.24	36.35	18.31
81.0	59.39	51.62	31.42	13.29	34.08	54.43	62.40	54.46	33.35	13.60
84.0	56.54	48.83	28.66	9.005	31.30	51.52	59.37	51.56	30.52	9.441
87.0	53.56	45.92	26.11	5.965	28.62	48.52	56.19	48.58	27.81	6.311
90.0	50.50	43.00	23.76	4.573	26.04	45.30	52.83	45.44	25.21	5.132
93.0	47.47	40.22	21.68	4.478	23.73	42.27	49.50	42.34	22.88	5.071
96.0	44.51	37.51	19.89	4.397	21.72	39.35	46.28	39.39	20.89	4.946
99.0	41.65	34.95	17.37	4.312	20.04	36.60	43.21	36.63	19.22	4.850
102.0	38.94	32.51	15.18	4.206	18.71	33.99	40.24	33.99	17.88	4.704
105.0	36.23	29.49	13.65	4.121	17.59	31.57	37.39	31.53	16.80	4.594
108.0	33.75	26.27	12.50	4.010	16.56	29.31	34.70	29.36	15.89	4.478
111.0	30.20	23.59	11.87	3.905	15.56	27.33	32.26	27.39	15.02	4.353
114.0	28.11	21.76	11.24	3.804	14.61	25.52	30.00	25.63	14.20	4.217
117.0	26.28	20.27	10.99	3.719	13.69	23.86	27.96	24.02	13.39	4.086
120.0	24.58	19.00	10.54	3.598	12.80	22.32	26.09	22.46	12.60	3.956
123.0	22.97	17.86	9.579	3.487	11.95	20.83	24.35	20.97	11.81	3.840
126.0	21.47	16.70	8.703	3.372	11.05	19.47	22.63	19.56	10.87	3.739
129.0	20.01	15.66	8.260	3.266	10.06	18.00	20.98	18.18	10.10	3.639
132.0	18.59	14.57	7.577	3.176	9.255	16.73	19.39	16.81	9.220	3.553
135.0	17.20	13.03	7.013	3.096	8.421	15.34	17.85	15.51	8.436	3.468
138.0	15.86	11.55	6.430	3.005	7.777	13.91	16.37	14.05	7.777	3.393
141.0	14.54	10.23	5.937	2.935	7.154	12.41	14.76	12.59	7.185	3.317
144.0	13.10	9.335	5.450	2.865	6.496	11.14	12.99	11.28	6.661	3.247
147.0	11.95	8.310	5.032	2.804	5.888	10.15	11.57	10.15	5.973	3.182
150.0	10.68	7.486	4.615	2.769	5.289	9.018	10.49	9.019	5.325	3.131
153.0	9.627	6.677	4.157	2.699	4.496	7.928	9.186	8.028	4.602	3.071
156.0	8.357	5.818	3.996	2.623	4.052	7.129	8.067	7.004	4.170	3.006
159.0	7.362	5.129	3.765	2.568	3.660	6.093	6.821	5.994	3.778	2.960
162.0	6.432	4.485	3.514	2.563	3.348	5.233	5.709	5.164	3.406	2.895
165.0	5.358	3.949	3.303	2.563	3.092	4.260	4.494	4.158	3.140	2.845
168.0	4.511	3.683	3.087	2.583	2.875	3.637	3.646	3.570	2.919	2.804
171.0	3.434	3.316	2.905	2.598	2.759	3.135	2.969	3.157	2.779	2.754
174.0	3.077	2.964	2.780	2.613	2.704	2.794	2.753	2.870	2.694	2.714
177.0	2.820	2.729	2.644	2.618	2.669	2.699	2.689	2.739	2.664	2.664
180.0	2.699	2.699	2.644	2.628	2.659	2.699	2.689	2.704	2.664	2.639
G/C	300.0	330.0								
0.0	111.5	111.4								
3.0	111.3	111.2								
6.0	110.7	110.8								
9.0	109.8	110.1								
12.0	108.7	109.3								
15.0	107.3	108.2								
18.0	105.6	106.9								
21.0	103.7	105.2								
24.0	101.4	103.4								
27.0	98.93	101.4								
30.0	96.12	99.12								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-06-29

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:

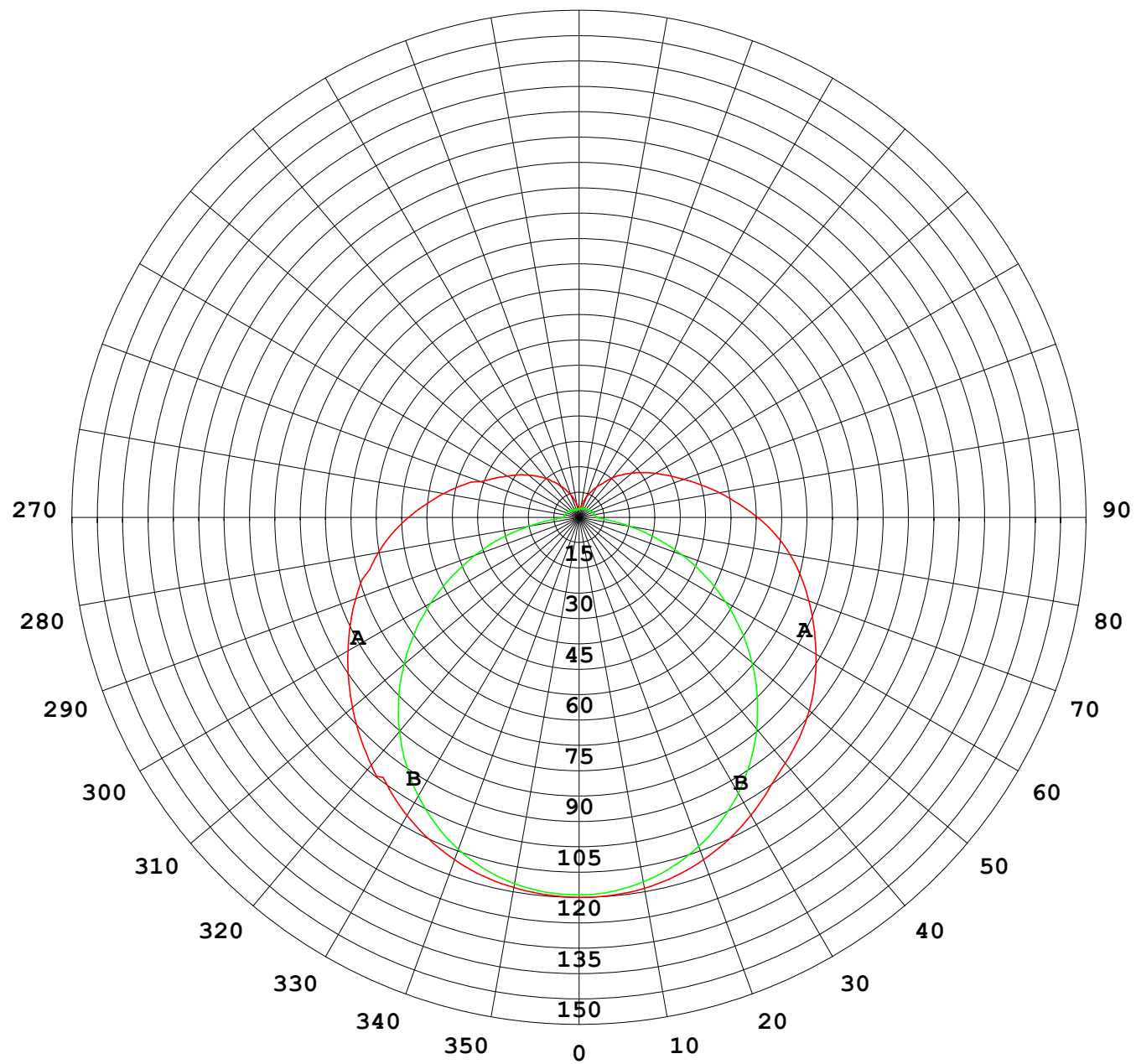
Photometric Data Table [cd]

33.0	93.08	96.64
36.0	89.82	94.01
39.0	86.37	91.18
42.0	82.73	88.23
45.0	78.91	85.23
48.0	74.95	82.39
51.0	70.87	79.56
54.0	66.65	76.70
57.0	62.44	73.78
60.0	58.17	70.85
63.0	54.07	67.97
66.0	50.08	65.11
69.0	46.15	62.29
72.0	42.35	59.63
75.0	38.77	56.96
78.0	35.49	54.23
81.0	32.54	51.55
84.0	29.77	48.80
87.0	27.22	45.97
90.0	24.83	43.16
93.0	22.76	40.41
96.0	20.99	37.78
99.0	18.16	35.32
102.0	15.84	32.88
105.0	13.84	29.18
108.0	13.60	25.08
111.0	12.89	23.47
114.0	12.31	22.12
117.0	11.62	21.45
120.0	10.69	20.42
123.0	9.806	19.05
126.0	9.214	17.81
129.0	8.405	16.60
132.0	7.643	15.33
135.0	7.074	13.79
138.0	6.446	11.87
141.0	5.888	10.02
144.0	5.351	8.988
147.0	4.904	7.867
150.0	4.506	7.013
153.0	4.044	6.149
156.0	3.824	5.354
159.0	3.722	4.661
162.0	3.316	4.123
165.0	3.040	3.620
168.0	2.925	3.378
171.0	2.850	2.996
174.0	2.769	2.845
177.0	2.684	2.815
180.0	2.633	2.724

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

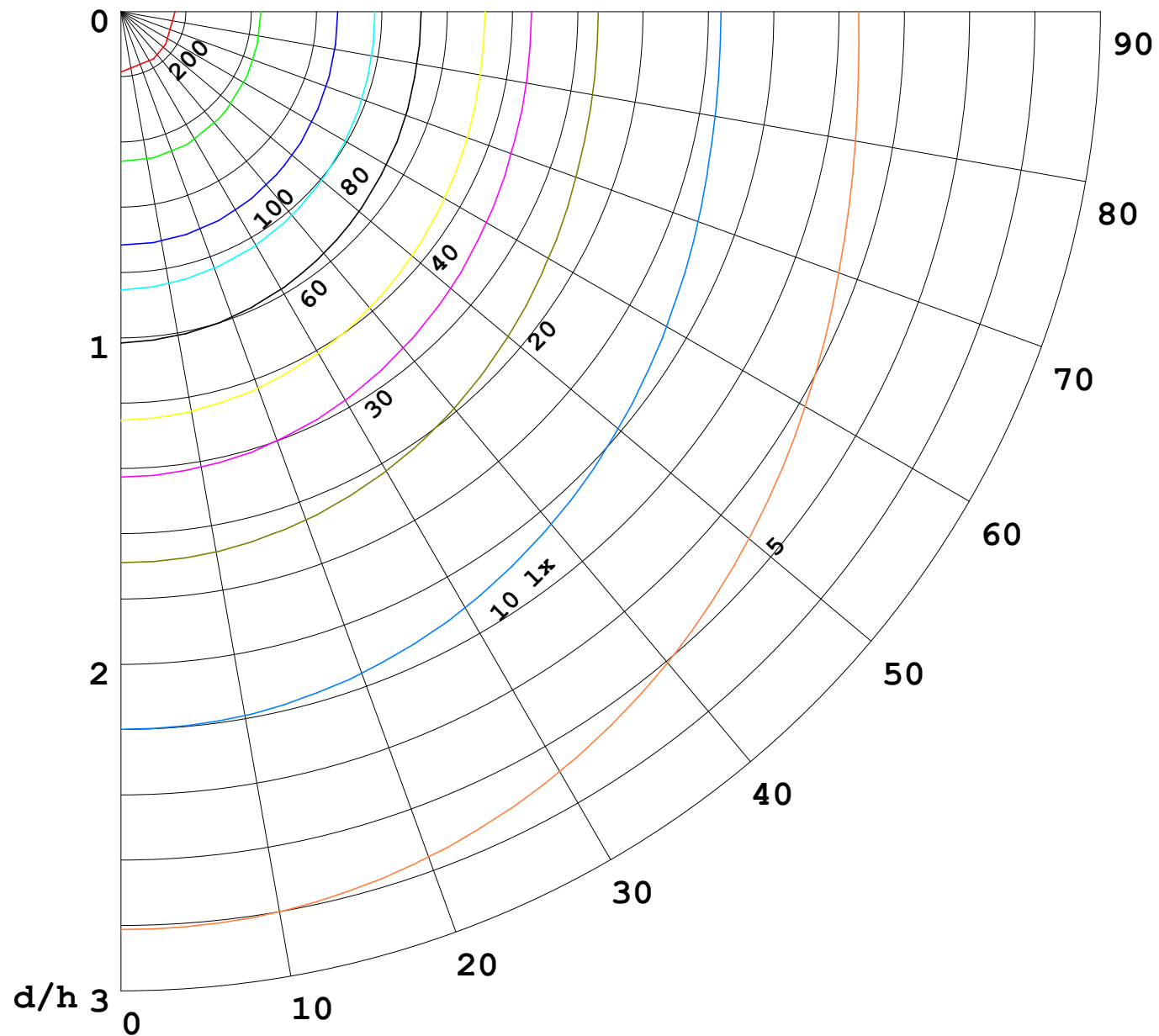
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

