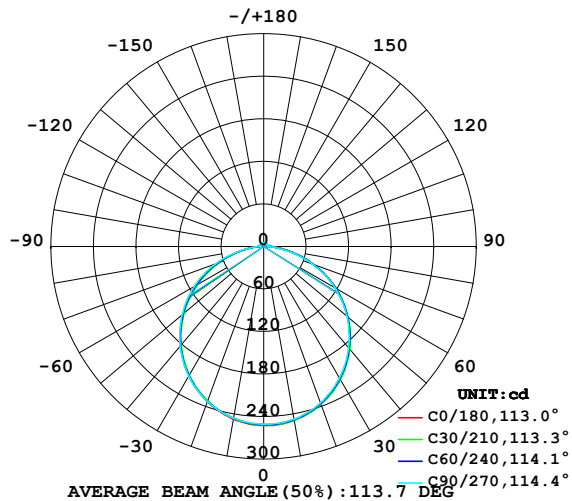


LUMINAIRE PHOTOMETRIC TEST REPORT

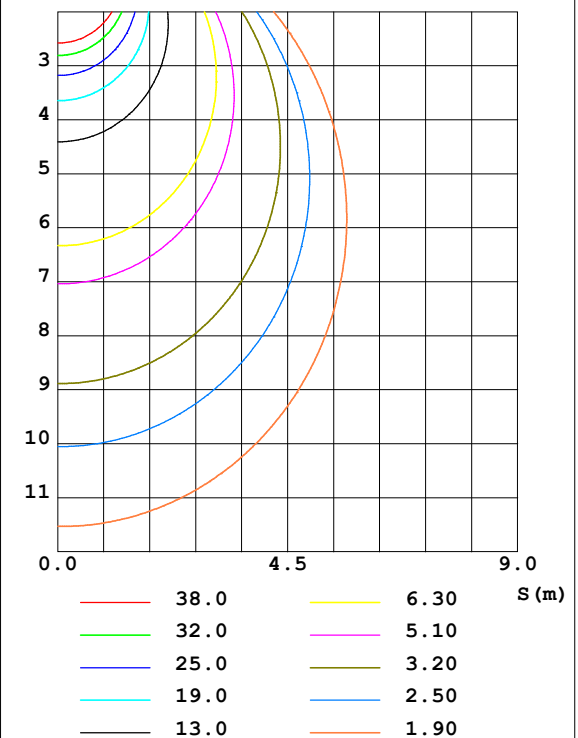
Test:U:24.00V I:0.6365A P:15.27W PF:1.000 Lamp Flux:759.63lx1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.73 lm/W			
MODEL	5050	I _{max} (cd)	252.7	S/MH (C0/180)	1.27
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	759.63	η UP, DN (C0-180)	1.9, 48.6
NOMINAL FLUX (lm)	759.631	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.8, 47.7
LAMPS INSIDE	1	η up (%)	3.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



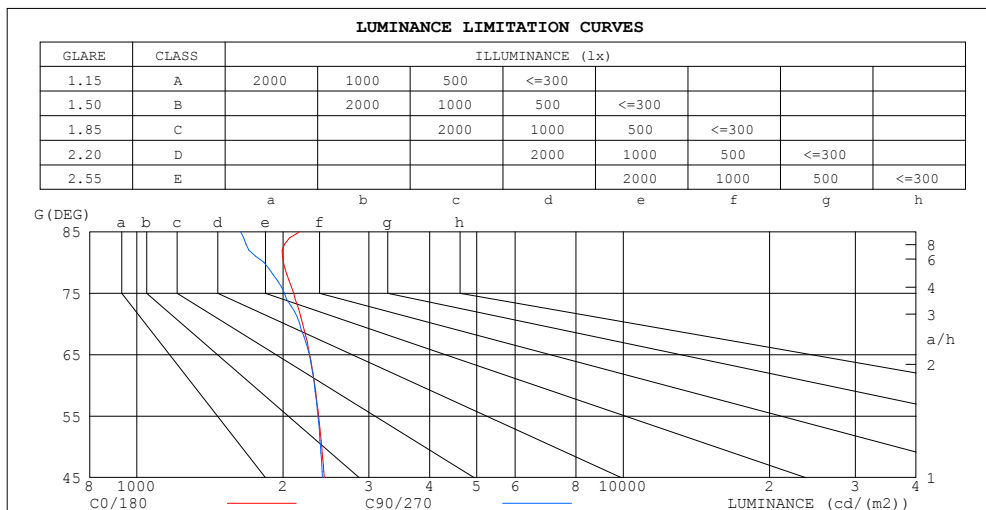
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-06-29

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	249.0	248.3	247.2	245.4	247.0	246.0	245.9	246.1	0- 10	23.76	23.76	3.13,3.13
20	236.5	236.2	234.7	232.1	232.8	232.1	232.5	233.3	10- 20	68.08	91.85	12.1,12.1
30	215.8	215.9	214.1	210.7	210.6	210.4	211.5	212.5	20- 30	103.3	195.1	25.7,25.7
40	188.0	188.2	186.3	182.5	181.8	181.9	183.4	185.1	30- 40	124.7	319.8	42.1,42.1
50	154.3	155.0	153.4	148.6	147.3	147.9	150.2	151.9	40- 50	129.9	449.7	59.2,59.2
60	116.1	117.1	115.9	110.2	108.8	109.8	113.4	114.5	50- 60	118.4	568.1	74.8,74.8
70	75.02	75.44	73.96	68.76	67.74	68.81	72.61	74.12	60- 70	91.82	659.9	86.9,86.9
80	34.78	33.83	31.68	28.43	28.22	28.70	30.58	33.31	70- 80	53.94	713.9	94,94
90	8.692	7.642	5.956	6.222	6.030	5.864	5.224	7.033	80- 90	17.89	731.8	96.3,96.3
100	3.473	4.528	5.754	4.413	2.708	4.097	5.325	4.009	90-100	5.247	737.0	97,97
110	3.432	4.388	5.503	4.182	2.498	4.059	5.324	3.955	100-110	4.439	741.5	97.6,97.6
120	3.563	4.380	5.216	4.154	2.750	4.167	5.323	3.997	110-120	4.137	745.6	98.2,98.2
130	3.905	4.410	4.910	4.259	3.207	4.303	5.262	4.120	120-130	3.800	749.4	98.7,98.7
140	4.231	4.488	4.775	4.424	3.710	4.453	5.121	4.274	130-140	3.371	752.8	99.1,99.1
150	4.533	4.633	4.795	4.639	4.182	4.614	5.036	4.445	140-150	2.832	755.6	99.5,99.5
160	4.814	4.832	4.910	4.870	4.629	4.763	4.981	4.634	150-160	2.170	757.8	99.8,99.8
170	5.056	5.043	5.106	5.041	4.996	4.938	4.966	4.840	160-170	1.384	759.1	99.9,99.9
180	5.131	5.129	5.126	5.089	5.136	5.109	5.101	5.071	170-180	0.4809	759.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2168	1635
80	2003	1824
75	2101	2012
70	2193	2162
65	2266	2264
60	2323	2319
55	2365	2357
50	2400	2387
45	2430	2408

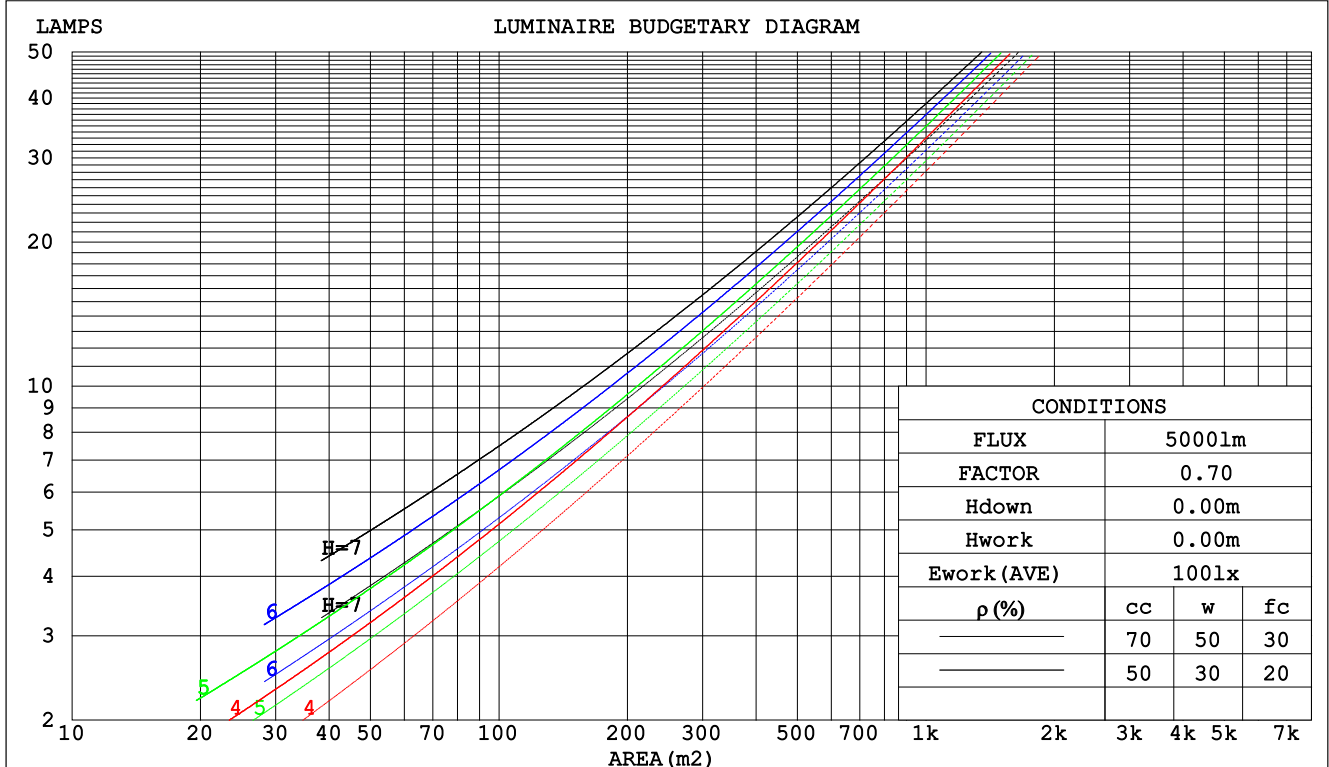
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.631x1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220629
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	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.85	.86	.84	.82	.80
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.75	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.46	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



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

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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.631x1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	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	.316	.180	.057	.308	.176	.056	.292	.168	.054	.278	.161	.052	.265	.154	.050	
2.0	.295	.162	.050	.288	.158	.049	.274	.152	.047	.261	.147	.046	.250	.141	.045	
3.0	.272	.145	.043	.265	.142	.043	.253	.137	.042	.242	.133	.041	.231	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.223	.120	.036	.214	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.192	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.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	.218	.218	.218	.187	.187	.187	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.209	.184	.162	.179	.158	.139	.122	.109	.096	.070	.063	.056	.023	.020	.018	
2.0	.201	.160	.126	.172	.138	.109	.118	.095	.076	.068	.056	.045	.022	.018	.015	
3.0	.193	.143	.103	.166	.123	.089	.114	.086	.062	.066	.050	.037	.021	.016	.012	
4.0	.186	.130	.087	.159	.112	.075	.110	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.076	.153	.103	.066	.105	.072	.047	.061	.042	.028	.020	.014	.009	
6.0	.171	.111	.068	.147	.096	.059	.101	.067	.042	.059	.040	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.098	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.158	.098	.058	.136	.085	.050	.094	.060	.036	.055	.035	.021	.018	.012	.007	
9.0	.152	.094	.054	.131	.081	.047	.091	.057	.034	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.126	.078	.045	.087	.055	.032	.051	.032	.019	.017	.011	.006	

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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.63lx1 lm											
NAME.: SF16-24V-5050-84-3000K					TYPE.:硅胶			WEIGHT.:			
DIM.: 16.5mm*16.5mm					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	15.8	17.3	16.1	17.5	17.8	15.8	17.3	16.1	17.5	17.8	
	3H	17.4	18.8	17.7	19.1	19.4	17.4	18.7	17.7	19.0	19.3
	4H	18.1	19.4	18.4	19.7	20.0	18.0	19.3	18.4	19.6	19.9
	6H	18.6	19.8	19.0	20.1	20.5	18.5	19.7	18.8	20.0	20.4
	8H	18.8	19.9	19.2	20.3	20.7	18.6	19.8	19.0	20.1	20.5
	12H	18.9	20.0	19.3	20.4	20.8	18.7	19.8	19.1	20.2	20.6
4H	2H	16.4	17.7	16.8	18.0	18.4	16.4	17.7	16.8	18.0	18.4
	3H	18.2	19.3	18.6	19.7	20.1	18.2	19.3	18.6	19.7	20.1
	4H	19.0	20.0	19.4	20.4	20.8	18.9	20.0	19.4	20.4	20.8
	6H	19.7	20.6	20.1	21.0	21.4	19.5	20.4	20.0	20.9	21.3
	8H	19.9	20.8	20.4	21.2	21.7	19.7	20.6	20.2	21.0	21.5
	12H	20.1	20.9	20.6	21.4	21.8	19.9	20.6	20.3	21.1	21.6
8H	4H	19.3	20.1	19.8	20.6	21.0	19.2	20.1	19.7	20.5	21.0
	6H	20.1	20.8	20.6	21.3	21.8	20.0	20.7	20.5	21.2	21.7
	8H	20.5	21.1	21.0	21.6	22.1	20.3	20.9	20.8	21.4	21.9
	12H	20.8	21.3	21.3	21.8	22.4	20.5	21.0	21.0	21.5	22.1
12H	4H	19.3	20.1	19.8	20.5	21.0	19.3	20.0	19.7	20.5	21.0
	6H	20.2	20.8	20.7	21.3	21.8	20.1	20.7	20.6	21.2	21.7
	8H	20.6	21.1	21.1	21.6	22.2	20.4	20.9	20.9	21.4	22.0
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 759.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.0)

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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.631x1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

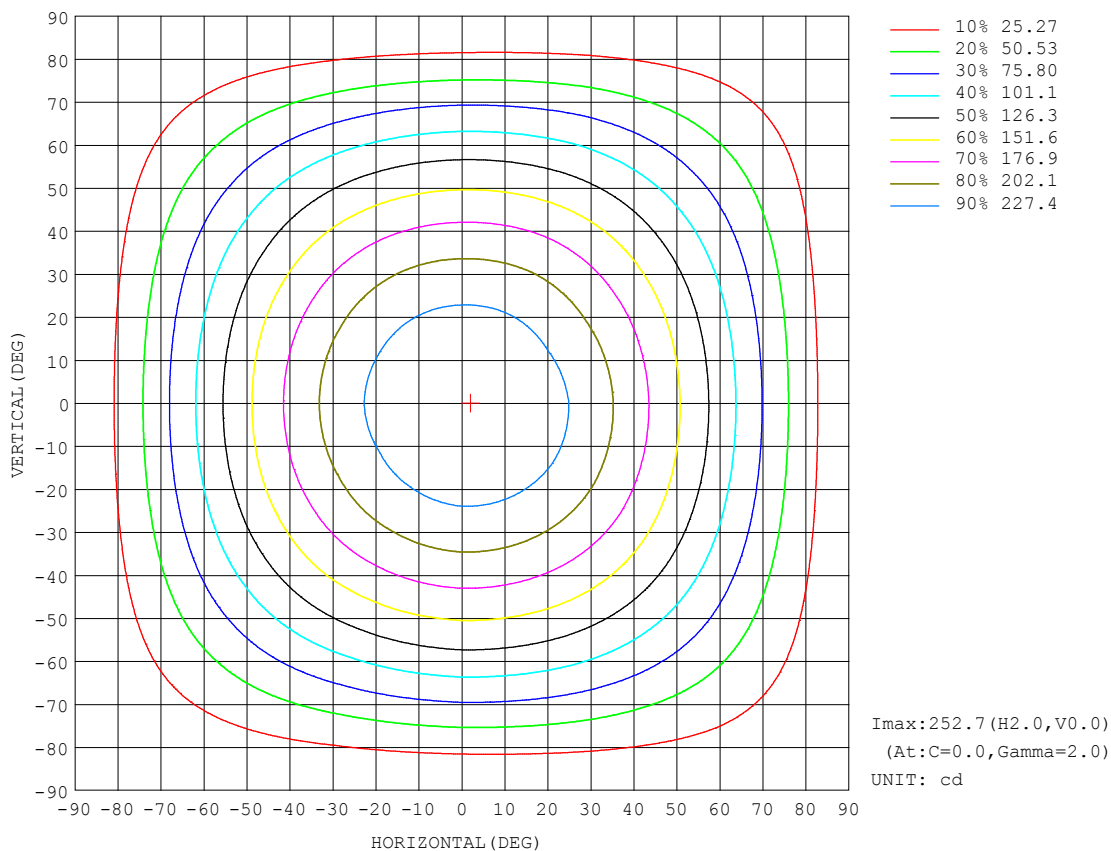
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	70
3.00	101	94	88	98	92	87	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.63lx1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

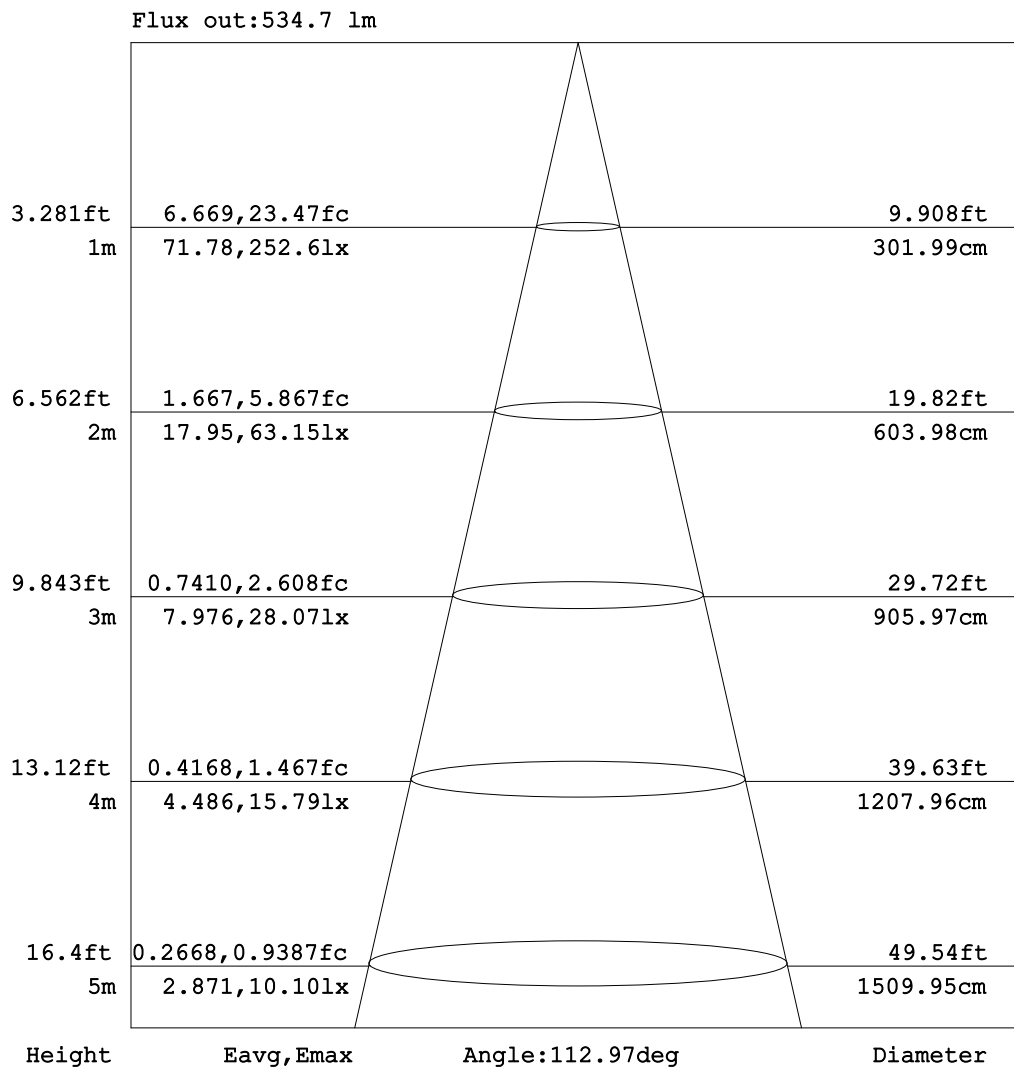


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-06-29

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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.63lx1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220629
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



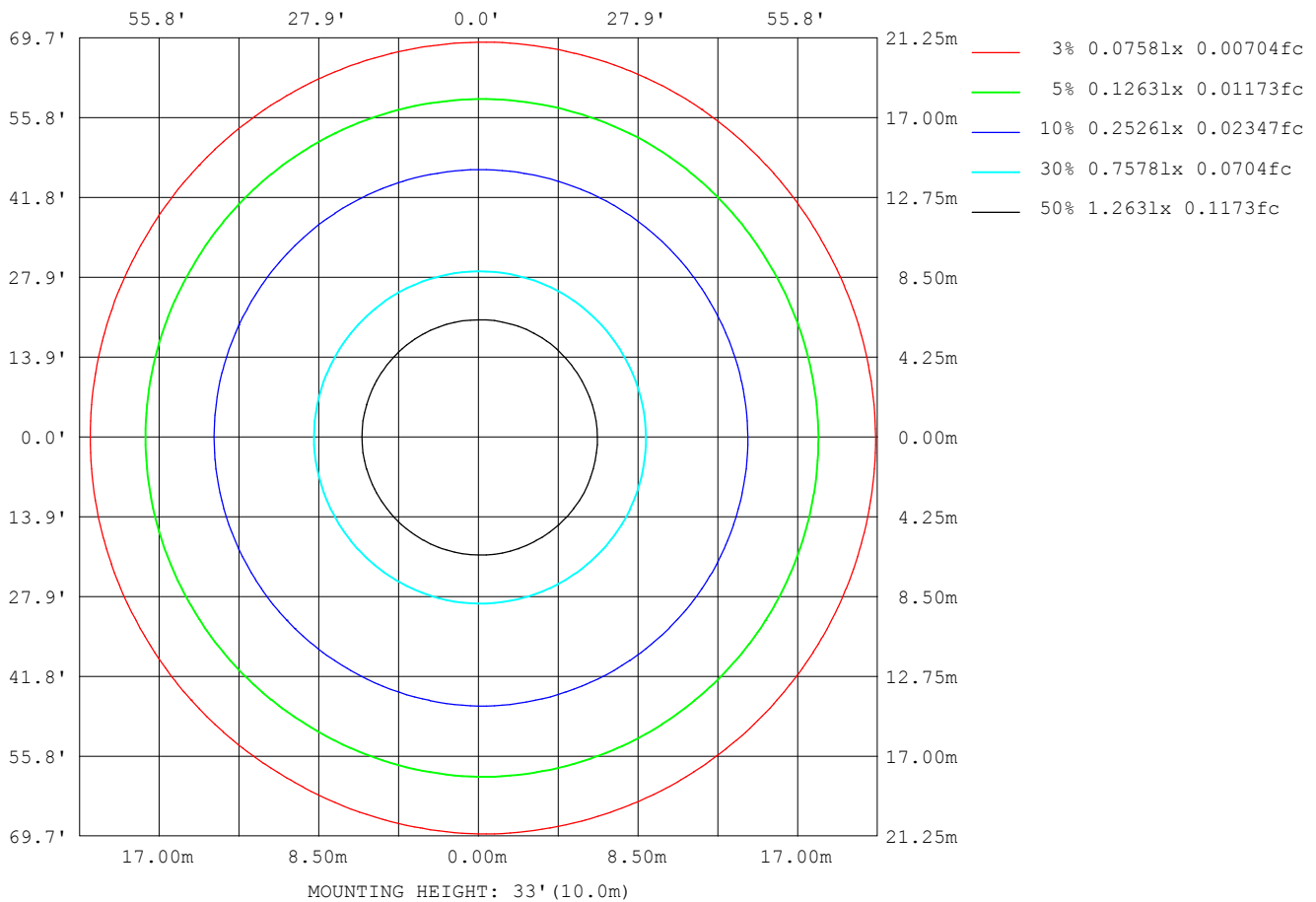
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

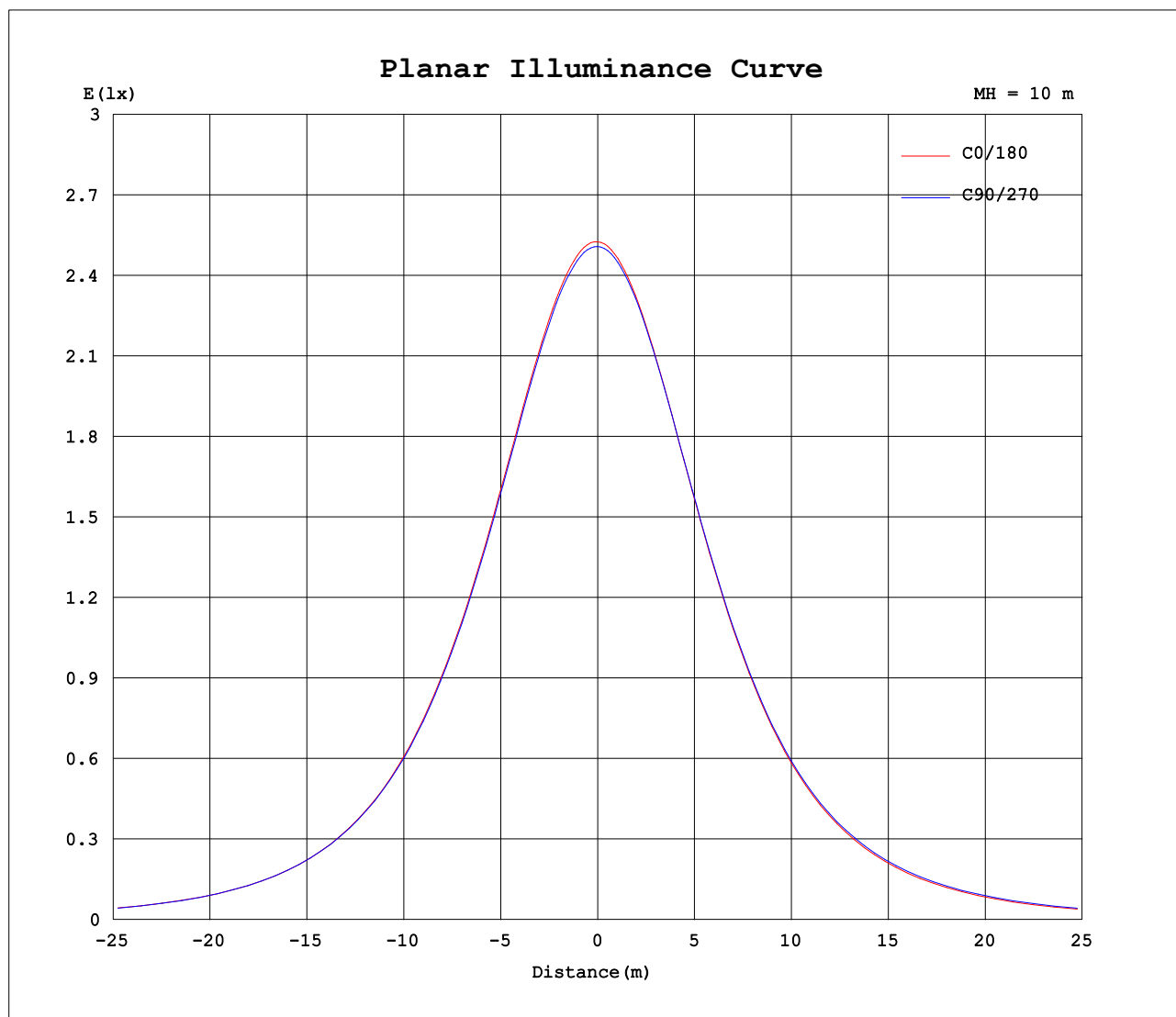
Test:U:24.00V I:0.6365A P:15.27W PF:1.000 Lamp Flux:759.63lx 1m		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.: 20220629
MFR.: OLYMPIA	SUR.: 1*0.0165	PROTECTION ANGLE:



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
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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:0.6365A P:15.27W PF:1.000 Lamp Flux:759.631x1 lm		
NAME: SF16-24V-5050-84-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	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	253	252	251	251	250	250	253	252	251	251	250	250							
5	252	251	251	250	249	249	251	250	250	249	249	249							
10	249	249	248	247	246	245	247	246	246	246	246	246							
15	244	244	243	242	240	239	241	240	240	240	241	241							
20	236	237	236	235	233	232	233	232	232	233	233	233							
25	227	228	226	225	223	222	223	222	222	223	224	224							
30	216	217	215	214	211	210	211	210	211	211	213	212							
35	203	204	202	201	198	197	197	196	197	198	200	200							
40	188	189	188	186	183	182	182	181	183	183	185	185							
45	172	173	172	170	167	165	165	165	166	167	169	169							
50	154	155	155	153	149	148	147	147	149	150	152	152							
55	136	137	136	135	131	129	129	128	130	132	134	134							
60	116	117	117	116	111	109	109	109	111	113	115	114							
65	95.8	96.5	96.7	95.7	90.6	88.8	88.4	88.4	90.7	93.6	95.1	94.3							
70	75.0	75.6	75.3	74.0	69.5	68.0	67.7	67.7	69.9	72.6	74.5	73.8							
75	54.4	54.6	53.8	52.1	48.5	47.4	47.2	47.3	49.0	51.0	53.1	53.2							
80	34.8	34.5	33.1	31.7	28.6	28.3	28.2	28.3	29.1	30.6	32.9	33.7							
85	18.9	18.0	16.1	14.3	12.9	13.9	14.1	13.9	13.0	13.5	15.7	17.5							
90	8.69	7.97	7.31	5.96	6.14	6.30	6.03	6.12	5.61	5.22	6.48	7.58							
95	3.87	3.85	5.75	5.90	5.39	4.02	3.00	3.81	4.65	5.31	4.73	3.50							
100	3.47	3.60	5.45	5.75	5.07	3.75	2.71	3.59	4.60	5.33	4.71	3.31							
105	3.42	3.55	5.31	5.63	4.91	3.61	2.46	3.40	4.63	5.32	4.70	3.21							
110	3.43	3.54	5.24	5.50	4.78	3.58	2.50	3.41	4.71	5.32	4.73	3.18							
115	3.44	3.60	5.15	5.37	4.67	3.62	2.61	3.43	4.80	5.32	4.73	3.20							
120	3.56	3.73	5.03	5.22	4.58	3.72	2.75	3.50	4.83	5.32	4.71	3.28							
125	3.73	3.88	4.91	5.05	4.52	3.88	2.96	3.64	4.83	5.32	4.70	3.41							
130	3.90	4.00	4.82	4.91	4.48	4.04	3.21	3.77	4.83	5.26	4.70	3.54							
135	4.07	4.14	4.74	4.80	4.50	4.19	3.46	3.92	4.83	5.19	4.70	3.69							
140	4.23	4.26	4.71	4.78	4.51	4.34	3.71	4.07	4.83	5.12	4.69	3.85							
145	4.40	4.41	4.69	4.77	4.57	4.48	3.96	4.22	4.84	5.07	4.71	4.01							
150	4.53	4.57	4.69	4.79	4.65	4.63	4.18	4.36	4.87	5.04	4.74	4.15							
155	4.69	4.72	4.72	4.84	4.73	4.76	4.41	4.48	4.89	5.00	4.76	4.30							
160	4.81	4.86	4.81	4.91	4.86	4.88	4.63	4.61	4.91	4.98	4.80	4.47							
165	4.95	4.98	4.94	5.02	4.95	4.99	4.83	4.77	4.92	4.96	4.83	4.64							
170	5.06	5.07	5.02	5.11	5.02	5.06	5.00	4.91	4.96	4.97	4.89	4.79							
175	5.11	5.12	5.10	5.12	5.06	5.08	5.11	5.02	5.08	5.01	5.02	4.95							
180	5.13	5.13	5.13	5.13	5.09	5.09	5.14	5.11	5.11	5.10	5.11	5.04							

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	252.6	251.9	251.3	250.8	250.3	250.0	252.6	251.9	251.3	250.8
3.0	252.5	251.8	251.2	250.6	250.0	249.4	251.9	251.0	250.6	250.3
6.0	251.6	251.1	250.3	249.7	248.7	248.1	250.4	249.4	249.1	248.9
9.0	249.8	249.4	248.6	247.9	246.7	245.9	248.0	247.0	246.9	246.8
12.0	247.2	247.0	246.0	245.4	243.9	243.0	244.9	243.9	243.9	244.0
15.0	243.8	243.8	242.8	242.0	240.3	239.2	241.0	240.0	240.2	240.3
18.0	239.7	239.7	238.8	237.8	236.0	234.8	236.3	235.4	235.7	235.9
21.0	234.8	235.2	233.9	233.1	230.9	229.7	230.9	230.0	230.5	230.8
24.0	229.1	229.6	228.4	227.3	225.1	223.7	224.8	223.9	224.6	225.0
27.0	222.9	223.3	222.2	221.0	218.6	217.2	218.0	217.3	218.0	218.7
30.0	215.8	216.5	215.2	214.1	211.4	210.0	210.6	209.9	210.8	211.5
33.0	208.1	208.9	207.6	206.4	203.6	202.1	202.6	201.9	203.0	203.7
36.0	199.9	200.7	199.4	198.1	195.3	193.7	194.0	193.5	194.6	195.3
39.0	191.0	191.9	190.6	189.4	186.4	184.8	185.0	184.4	185.6	186.4
42.0	181.7	182.6	181.4	180.1	176.9	175.3	175.2	174.8	176.1	177.0
45.0	171.8	172.7	171.7	170.3	167.0	165.3	165.1	164.8	166.1	167.3
48.0	161.4	162.6	161.6	160.4	156.6	154.9	154.6	154.3	155.8	157.1
51.0	150.7	151.7	151.1	149.9	145.9	144.0	143.7	143.3	145.1	146.7
54.0	139.5	140.5	140.2	138.9	134.7	132.7	132.3	132.3	134.1	136.1
57.0	127.9	129.0	128.8	127.7	123.1	121.3	120.8	120.5	122.9	124.9
60.0	116.1	117.0	117.3	115.9	111.2	109.2	108.8	108.5	111.1	113.4
63.0	104.0	104.7	103.9	103.9	98.94	96.96	96.58	96.62	98.94	101.8
66.0	91.67	92.36	92.50	91.31	86.46	84.73	84.27	84.34	86.64	89.59
69.0	79.23	79.62	79.67	78.12	73.76	72.16	71.80	71.75	74.06	77.02
72.0	66.74	67.02	66.70	65.23	61.09	59.61	59.32	59.57	61.39	64.02
75.0	54.38	54.56	53.79	52.08	48.50	47.43	47.17	47.30	48.96	51.04
78.0	42.32	42.29	41.16	39.68	36.30	35.52	35.52	35.50	36.92	38.27
81.0	31.20	30.78	29.35	27.44	24.99	24.74	24.94	24.86	25.53	27.01
84.0	21.54	20.90	19.03	17.34	15.39	16.23	16.47	16.13	15.72	16.43
87.0	14.14	13.23	11.44	9.238	9.077	10.13	10.25	9.982	8.926	8.518
90.0	8.692	7.970	7.314	5.956	6.143	6.300	6.030	6.120	5.608	5.224
93.0	5.116	4.844	5.897	5.945	5.499	4.415	3.684	4.180	4.719	5.293
96.0	3.622	3.734	5.685	5.880	5.313	3.970	2.874	3.770	4.643	5.326
99.0	3.493	3.633	5.494	5.769	5.102	3.819	2.769	3.644	4.610	5.325
102.0	3.448	3.573	5.388	5.709	4.996	3.670	2.593	3.498	4.604	5.325
105.0	3.423	3.554	5.307	5.629	4.910	3.614	2.463	3.402	4.629	5.325
108.0	3.428	3.535	5.267	5.558	4.835	3.558	2.473	3.407	4.669	5.324
111.0	3.433	3.548	5.227	5.483	4.760	3.583	2.518	3.411	4.729	5.324
114.0	3.439	3.579	5.167	5.402	4.689	3.614	2.588	3.424	4.790	5.324
117.0	3.472	3.654	5.106	5.327	4.639	3.664	2.659	3.442	4.830	5.323
120.0	3.563	3.734	5.026	5.216	4.584	3.724	2.750	3.503	4.830	5.323
123.0	3.664	3.815	4.961	5.116	4.533	3.810	2.870	3.583	4.831	5.323
126.0	3.764	3.900	4.890	5.015	4.503	3.905	3.006	3.659	4.832	5.312
129.0	3.884	3.981	4.835	4.940	4.483	4.001	3.157	3.739	4.832	5.272
132.0	3.975	4.056	4.790	4.855	4.488	4.111	3.302	3.829	4.833	5.232
135.0	4.066	4.136	4.745	4.799	4.497	4.192	3.458	3.920	4.834	5.187
138.0	4.166	4.197	4.719	4.777	4.505	4.277	3.604	4.005	4.834	5.151
141.0	4.256	4.282	4.699	4.774	4.513	4.363	3.760	4.086	4.840	5.116
144.0	4.392	4.383	4.690	4.771	4.548	4.453	3.906	4.191	4.850	5.081
147.0	4.452	4.478	4.691	4.765	4.613	4.534	4.056	4.267	4.855	5.056
150.0	4.533	4.574	4.692	4.795	4.649	4.629	4.182	4.362	4.865	5.036
153.0	4.623	4.664	4.703	4.825	4.694	4.704	4.323	4.422	4.880	5.011
156.0	4.714	4.745	4.734	4.850	4.769	4.790	4.458	4.523	4.895	4.996
159.0	4.789	4.825	4.794	4.895	4.824	4.865	4.584	4.583	4.911	4.986
162.0	4.870	4.905	4.860	4.961	4.890	4.920	4.710	4.664	4.914	4.973
165.0	4.945	4.976	4.940	5.016	4.950	4.986	4.825	4.774	4.920	4.960
168.0	5.031	5.041	4.990	5.081	5.000	5.026	4.926	4.865	4.935	4.959
171.0	5.066	5.091	5.031	5.109	5.026	5.066	5.016	4.940	4.986	4.970
174.0	5.101	5.116	5.086	5.118	5.056	5.076	5.081	5.025	5.066	4.980
177.0	5.121	5.131	5.106	5.126	5.076	5.086	5.136	5.066	5.111	5.051
180.0	5.131	5.131	5.126	5.126	5.091	5.086	5.136	5.106	5.111	5.101
G/C	300.0	330.0								
0.0	250.3	250.0								
3.0	250.0	249.8								
6.0	248.8	248.7								
9.0	246.9	246.9								
12.0	244.2	244.2								
15.0	240.8	240.7								
18.0	236.6	236.6								
21.0	231.7	231.5								
24.0	226.0	225.9								
27.0	219.6	219.6								
30.0	212.7	212.4								

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:

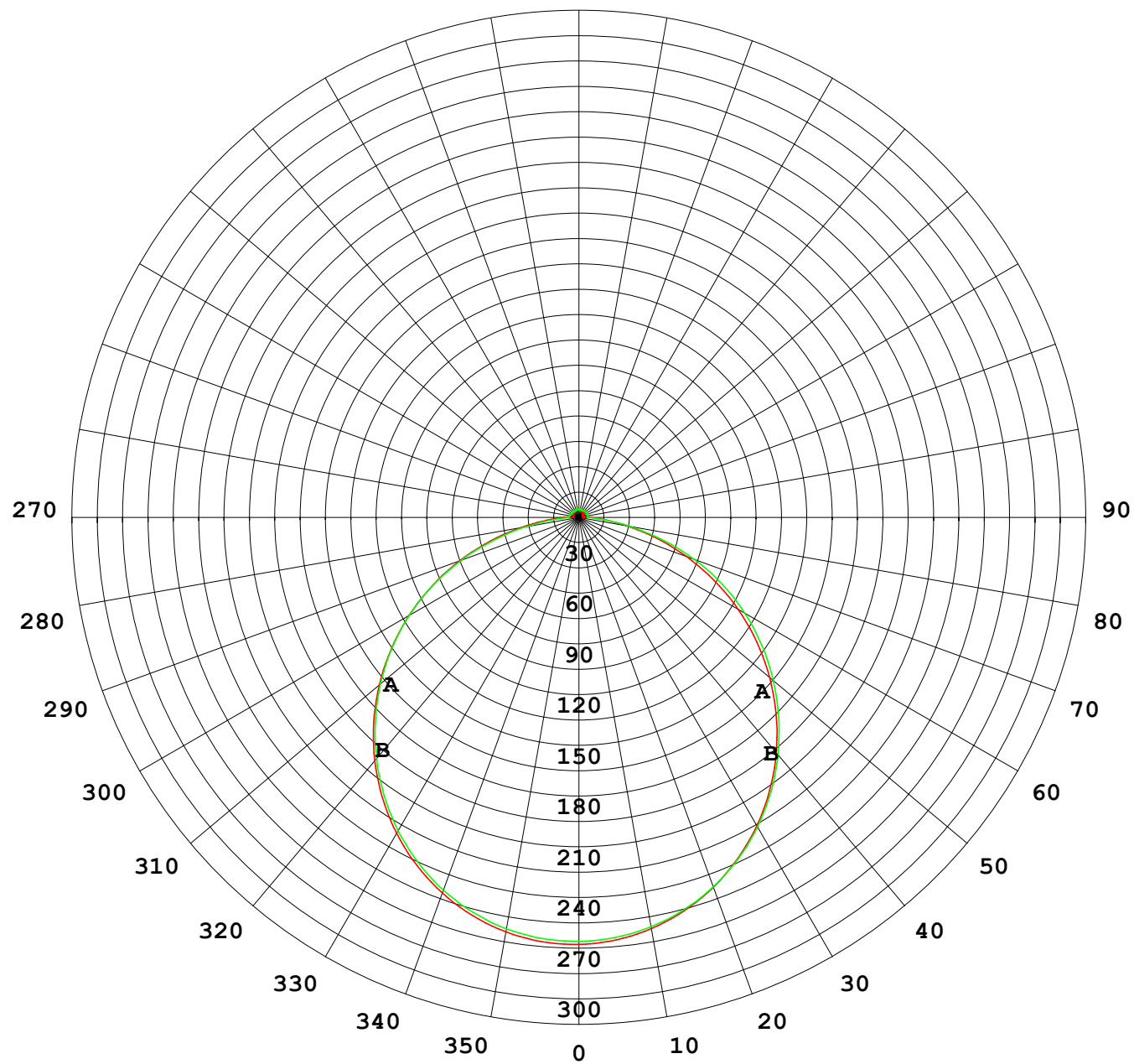
Photometric Data Table [cd]

33.0	205.0	204.9
36.0	196.8	196.8
39.0	188.0	188.4
42.0	178.7	179.1
45.0	168.9	169.4
48.0	158.7	159.1
51.0	148.1	148.4
54.0	137.3	137.5
57.0	126.3	126.0
60.0	114.9	114.2
63.0	103.2	102.4
66.0	91.08	90.21
69.0	78.65	77.79
72.0	65.80	65.60
75.0	53.14	53.24
78.0	40.84	41.25
81.0	29.14	30.05
84.0	18.70	20.20
87.0	10.85	12.70
90.0	6.484	7.581
93.0	4.824	4.414
96.0	4.714	3.393
99.0	4.708	3.332
102.0	4.703	3.282
105.0	4.704	3.207
108.0	4.728	3.176
111.0	4.738	3.176
114.0	4.734	3.194
117.0	4.729	3.211
120.0	4.713	3.282
123.0	4.704	3.357
126.0	4.694	3.432
129.0	4.698	3.518
132.0	4.697	3.603
135.0	4.696	3.694
138.0	4.695	3.794
141.0	4.694	3.885
144.0	4.704	3.975
147.0	4.724	4.066
150.0	4.739	4.151
153.0	4.759	4.236
156.0	4.775	4.327
159.0	4.790	4.412
162.0	4.805	4.523
165.0	4.835	4.638
168.0	4.850	4.724
171.0	4.916	4.819
174.0	4.996	4.900
177.0	5.066	4.980
180.0	5.106	5.036

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

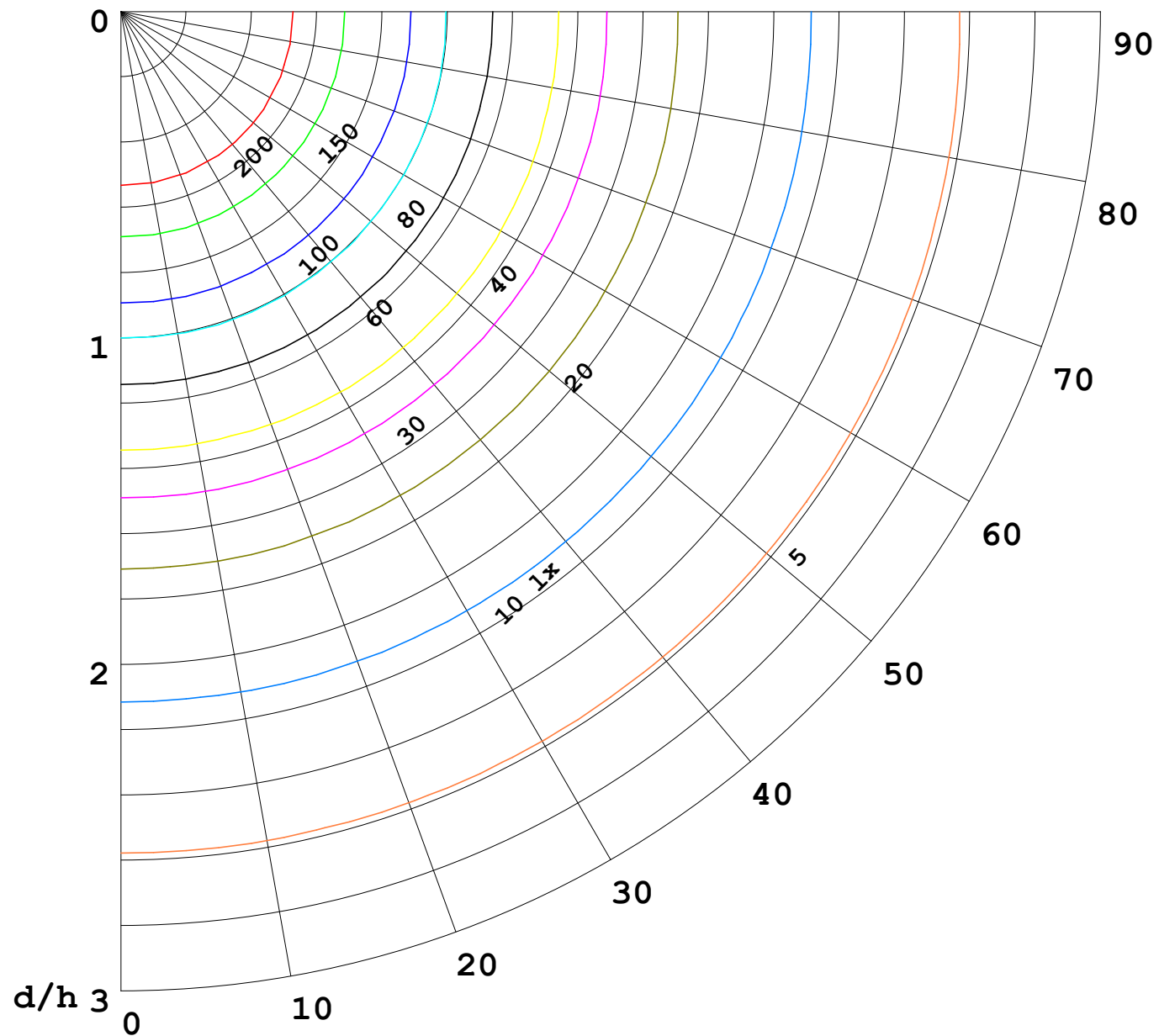
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

