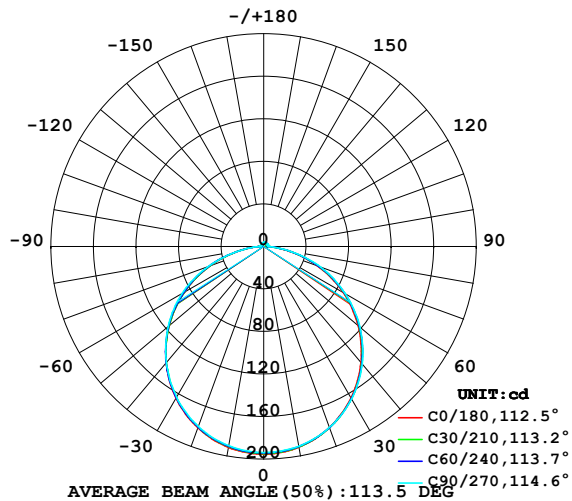


LUMINAIRE PHOTOMETRIC TEST REPORT

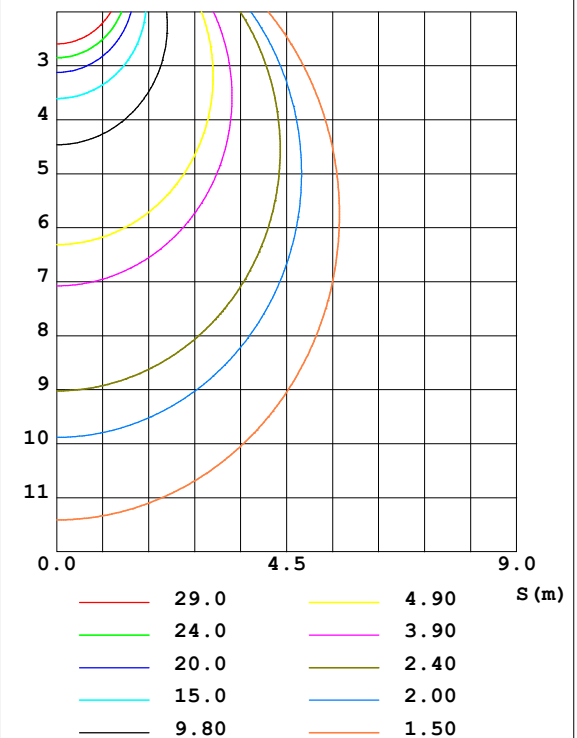
Test:U:24.00V I:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.64 lm/W			
MODEL	5050	I _{max} (cd)	195.3	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	580.03	η UP, DN (C0-180)	1.8, 48.5
NOMINAL FLUX (lm)	580.024	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.2
LAMPS INSIDE	1	η up (%)	3.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



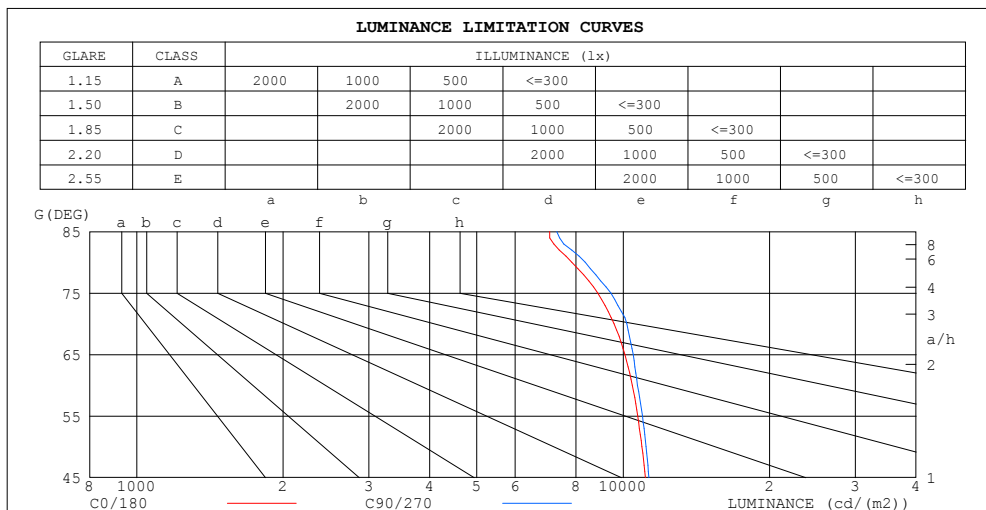
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-31

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	191.6	191.1	190.7	187.4	191.8	191.0	190.2	188.5	0- 10	18.30	18.30	3.15,3.15
20	181.1	181.2	181.1	177.7	181.4	180.7	180.0	178.3	10- 20	52.45	70.74	12.2,12.2
30	164.4	165.1	165.6	163.0	164.8	164.3	163.7	162.2	20- 30	79.62	150.4	25.9,25.9
40	142.4	143.6	144.2	141.6	142.8	142.6	142.4	140.7	30- 40	96.20	246.6	42.5,42.5
50	116.0	117.5	118.2	115.8	116.2	116.4	117.3	114.9	40- 50	100.2	346.7	59.8,59.8
60	86.15	87.67	88.31	86.25	86.12	86.50	88.75	85.92	50- 60	91.15	437.9	75.5,75.5
70	54.05	55.37	57.46	54.00	53.84	54.47	55.69	54.13	60- 70	70.20	508.1	87.6,87.6
80	22.47	23.36	23.93	22.21	22.01	22.46	22.75	22.57	70- 80	40.52	548.6	94.6,94.6
90	3.578	4.167	4.543	4.058	3.270	3.723	3.983	3.439	80- 90	12.11	560.7	96.7,96.7
100	2.126	3.305	4.297	3.187	1.625	2.722	3.498	2.334	90-100	3.356	564.1	97.2,97.2
110	2.422	3.384	4.071	3.206	1.694	2.605	3.217	2.299	100-110	3.033	567.1	97.8,97.8
120	2.704	3.439	3.890	3.286	2.011	2.558	2.991	2.379	110-120	2.863	570.0	98.3,98.3
130	2.980	3.470	3.744	3.352	2.388	2.661	2.895	2.525	120-130	2.648	572.6	98.7,98.7
140	3.236	3.533	3.673	3.405	2.770	2.862	2.917	2.774	130-140	2.374	575.0	99.1,99.1
150	3.462	3.611	3.684	3.518	3.151	3.174	3.166	3.091	140-150	2.035	577.0	99.5,99.5
160	3.669	3.739	3.820	3.684	3.493	3.495	3.467	3.418	150-160	1.606	578.6	99.8,99.8
170	3.855	3.855	3.893	3.822	3.790	3.759	3.729	3.681	160-170	1.045	579.7	99.9,99.9
180	3.910	3.915	3.910	3.857	3.910	3.910	3.915	3.877	170-180	0.3659	580.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7059	7301
80	7843	8353
75	8861	9429
70	9577	10182
65	10077	10483
60	10443	10705
55	10712	10955
50	10933	11147
45	11115	11293

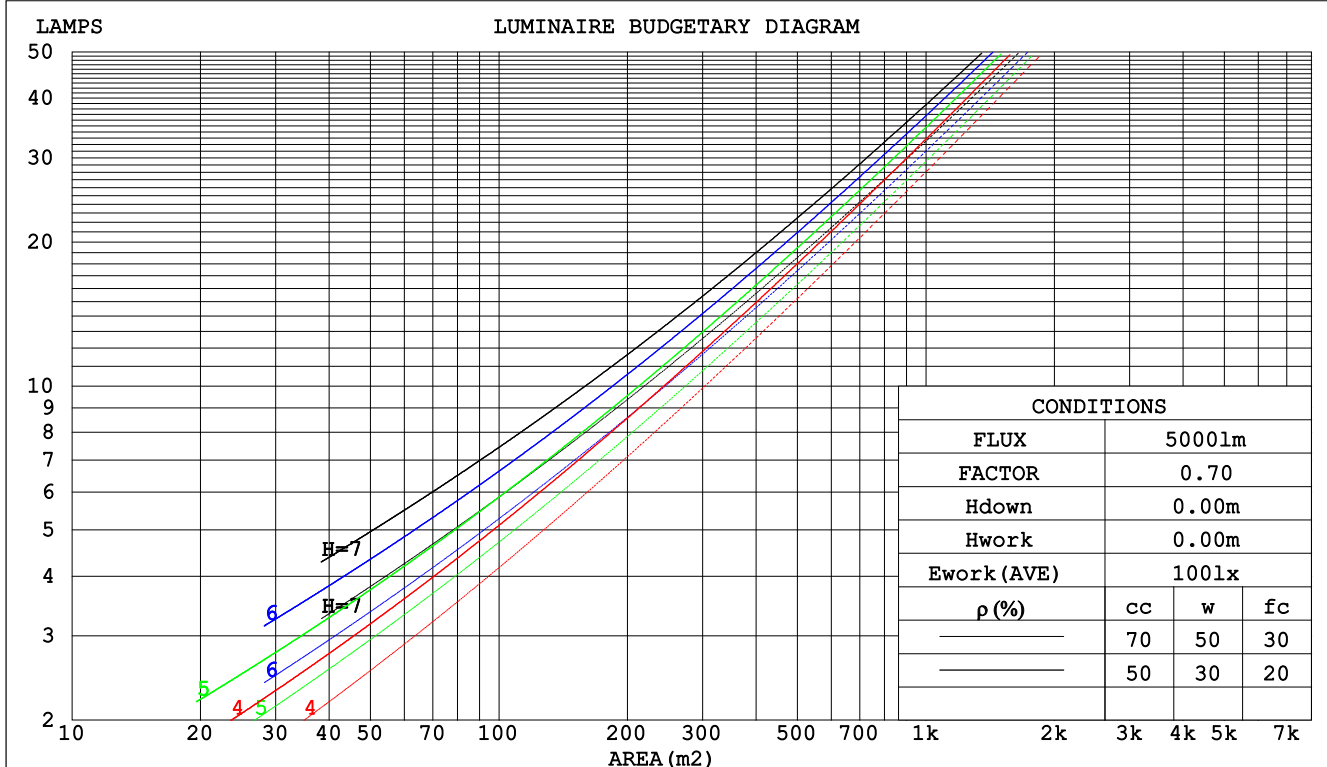
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
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	.97
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.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	.49	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.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:2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
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	.313	.178	.056	.305	.174	.055	.289	.166	.053	.275	.159	.051	.263	.152	.049		
2.0	.293	.161	.049	.286	.157	.048	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.271	.144	.043	.264	.141	.043	.252	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.249	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.106	.030	.200	.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	.185	.091	.025	.182	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.077	.022		
10.0	.163	.078	.022	.160	.077	.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	.216	.216	.216	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.206	.182	.160	.176	.156	.137	.121	.107	.095	.069	.062	.055	.022	.020	.018	
2.0	.198	.158	.124	.170	.136	.107	.116	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.190	.140	.100	.163	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.183	.127	.084	.157	.110	.073	.108	.076	.052	.062	.045	.031	.020	.015	.010	
5.0	.176	.117	.073	.151	.101	.064	.104	.071	.045	.060	.041	.027	.019	.014	.009	
6.0	.168	.108	.065	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.059	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
8.0	.155	.096	.055	.134	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007	
9.0	.149	.091	.052	.128	.079	.045	.089	.055	.032	.052	.033	.019	.017	.011	.006	
10.0	.143	.087	.049	.124	.075	.043	.086	.053	.030	.050	.031	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm											
NAME: SF16-24V-5050-70-SPI3-3000k						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022033101			
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	21.0	22.5	21.3	22.7	23.0	21.1	22.5	21.4	22.8	23.1	
	3H	22.5	23.9	22.9	24.2	24.5	22.7	24.0	23.0	24.3	24.6
	4H	23.1	24.4	23.5	24.7	25.1	23.3	24.6	23.7	24.9	25.2
	6H	23.5	24.8	23.9	25.1	25.4	23.7	25.0	24.1	25.3	25.6
	8H	23.7	24.8	24.1	25.2	25.5	23.9	25.0	24.3	25.4	25.7
	12H	23.7	24.9	24.1	25.2	25.6	23.9	25.1	24.3	25.4	25.8
4H	2H	21.6	22.9	22.0	23.2	23.5	21.7	23.0	22.0	23.3	23.6
	3H	23.3	24.5	23.7	24.8	25.2	23.4	24.6	23.8	24.9	25.3
	4H	24.0	25.1	24.5	25.5	25.9	24.2	25.2	24.6	25.6	26.0
	6H	24.6	25.5	25.0	25.9	26.4	24.7	25.7	25.2	26.1	26.5
	8H	24.8	25.6	25.2	26.0	26.5	24.9	25.8	25.4	26.2	26.7
	12H	24.9	25.7	25.4	26.1	26.6	25.1	25.8	25.5	26.3	26.8
8H	4H	24.3	25.2	24.8	25.6	26.1	24.4	25.3	24.9	25.7	26.2
	6H	25.0	25.7	25.5	26.2	26.7	25.1	25.9	25.6	26.3	26.8
	8H	25.3	25.9	25.8	26.4	26.9	25.4	26.0	25.9	26.5	27.0
	12H	25.5	26.0	26.0	26.5	27.1	25.6	26.2	26.1	26.7	27.2
12H	4H	24.3	25.1	24.8	25.6	26.0	24.4	25.2	24.9	25.7	26.1
	6H	25.1	25.7	25.6	26.2	26.7	25.2	25.8	25.7	26.3	26.8
	8H	25.4	25.9	25.9	26.4	27.0	25.5	26.0	26.0	26.5	27.1
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 580.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.9)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

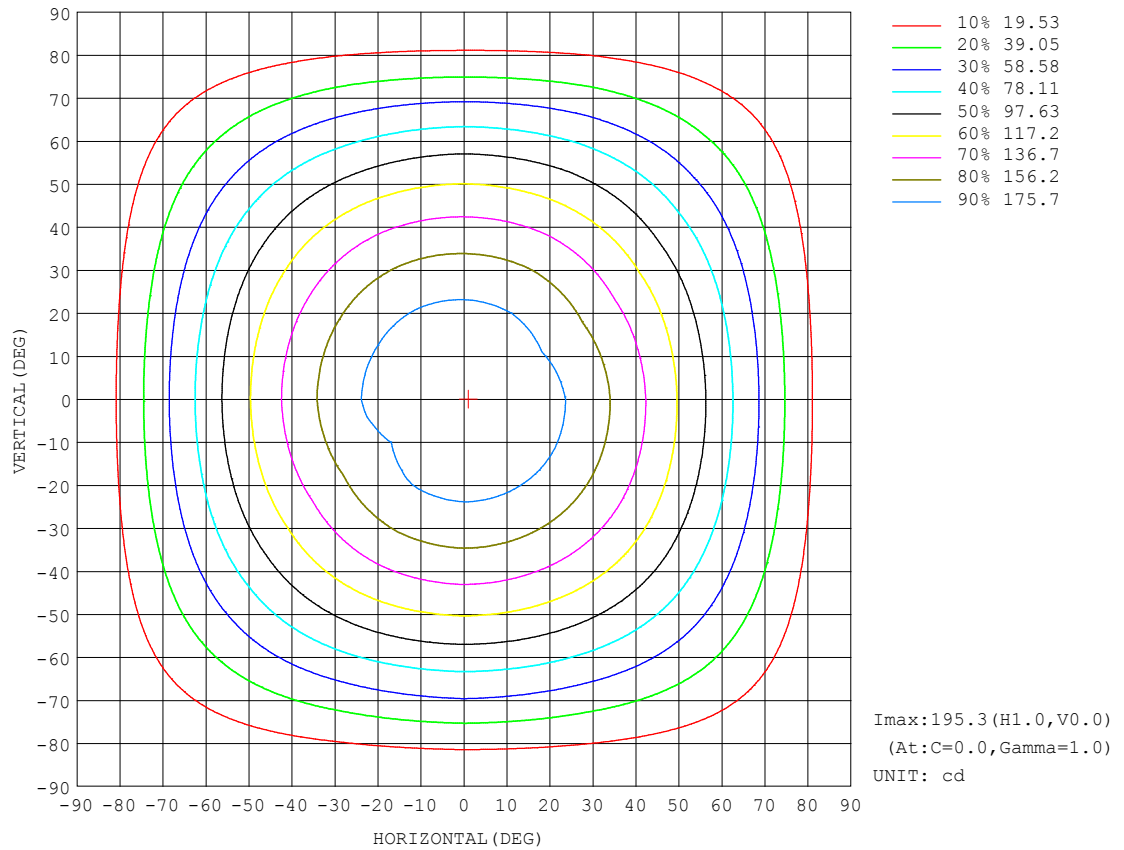
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	69	85	76	69	81	73	67	59
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	103	98	105	100	97	100	96	93	83
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:2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

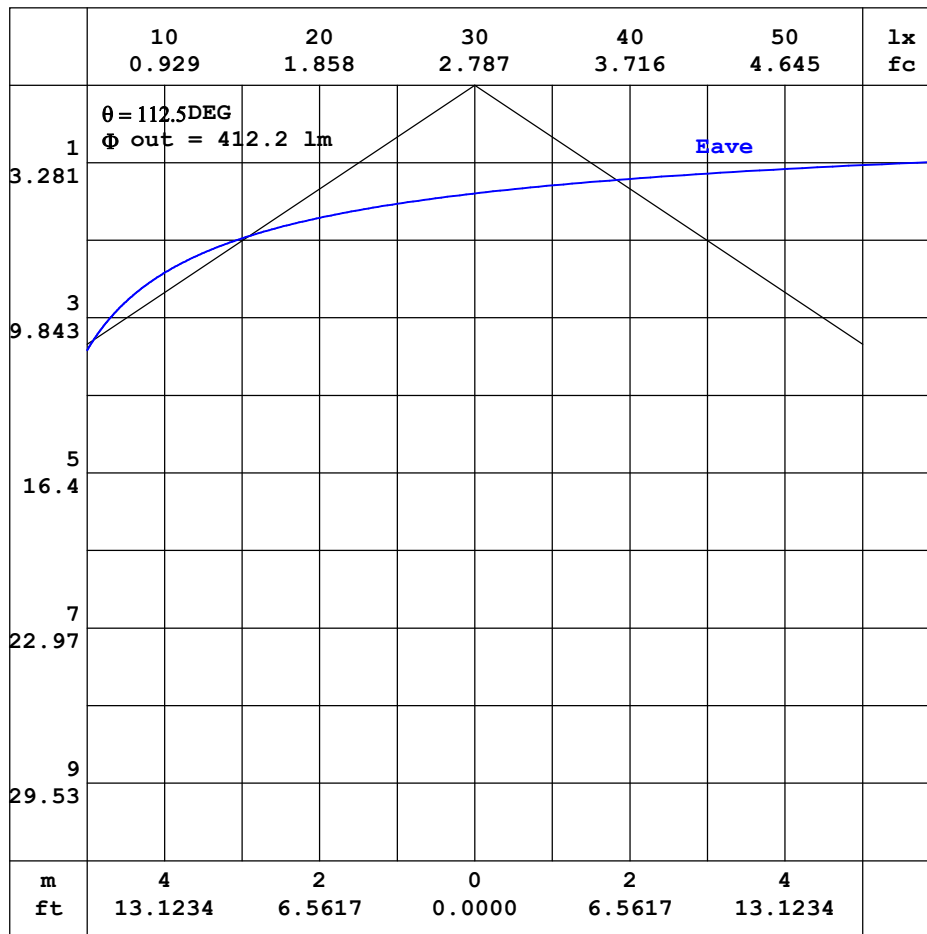


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-31

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 CURVES

Test:U:24.00V I:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



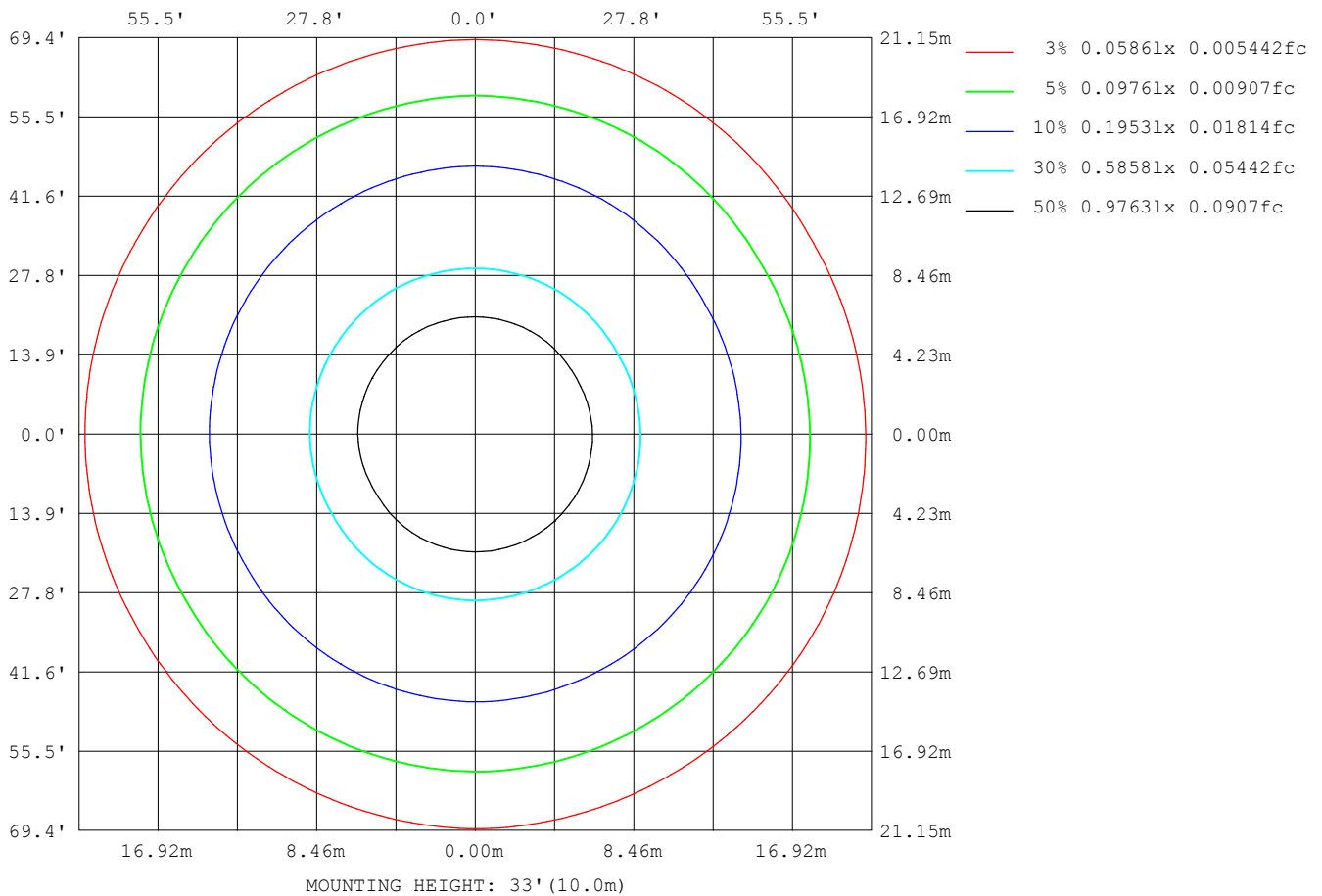
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-31

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

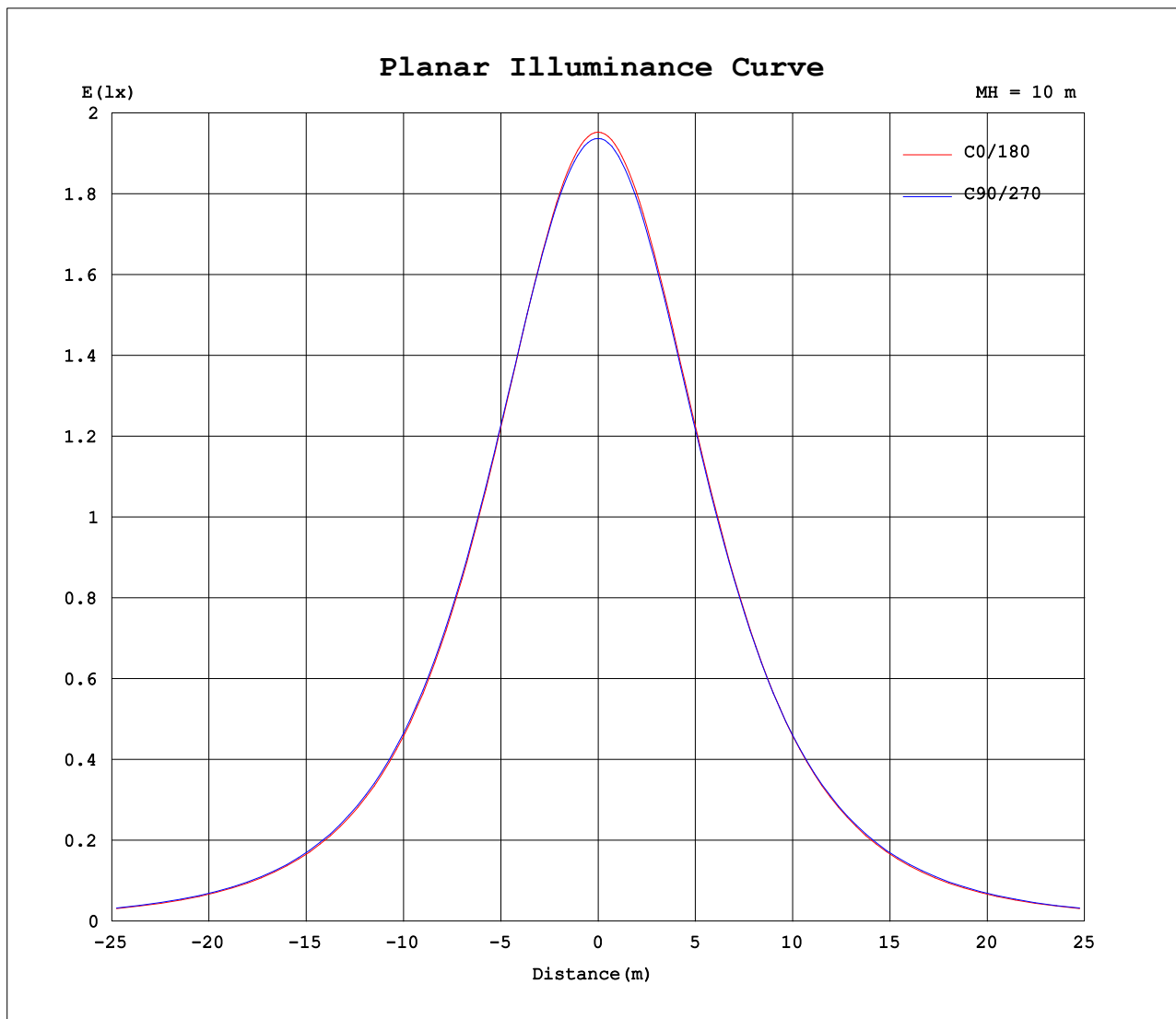
Test:U:24.00V I:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-31

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: 2022-03-31

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:0.5414A P:12.99W PF:1.000 Lamp Flux:580.024x1 lm		
NAME: SF16-24V-5050-70-SPI3-3000k	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022033101
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	195	195	194	194	193	188	195	195	194	194	193	188							
5	194	194	193	193	192	187	194	194	193	193	192	189							
10	192	191	191	191	190	185	192	191	191	190	190	187							
15	187	187	187	187	186	181	187	187	187	186	185	183							
20	181	181	181	181	180	175	181	181	181	180	180	177							
25	173	174	174	174	173	170	174	173	173	173	172	170							
30	164	165	165	166	164	162	165	164	164	164	163	161							
35	154	155	155	155	154	152	154	154	154	154	153	151							
40	142	143	144	144	143	140	143	142	143	142	142	140							
45	130	131	131	132	130	128	130	130	130	130	129	127							
50	116	117	118	118	117	115	116	116	117	117	116	114							
55	101	103	103	104	102	100	102	101	102	103	102	99.4							
60	86.2	87.6	87.8	88.3	87.0	85.5	86.1	86.0	87.0	88.7	87.5	84.3							
65	70.3	71.7	71.7	73.1	71.0	69.8	70.2	70.1	71.1	72.6	71.7	69.0							
70	54.0	55.3	55.4	57.5	54.5	53.5	53.8	53.9	55.0	55.7	55.2	53.0							
75	37.8	38.9	38.8	40.3	38.0	37.3	37.4	37.6	38.6	38.6	38.8	37.1							
80	22.5	23.2	23.5	23.9	22.4	22.1	22.0	22.2	22.8	22.8	23.1	22.0							
85	10.2	10.5	10.4	10.5	9.63	9.99	9.63	9.79	9.74	9.81	10.1	9.58							
90	3.58	3.96	4.37	4.54	4.08	4.04	3.27	3.67	3.78	3.98	3.80	3.08							
95	2.12	2.72	3.88	4.40	3.66	2.85	1.73	2.55	3.23	3.64	3.02	1.82							
100	2.13	2.79	3.82	4.30	3.61	2.77	1.63	2.35	3.09	3.50	2.86	1.81							
105	2.29	2.87	3.81	4.17	3.60	2.74	1.59	2.27	3.02	3.33	2.77	1.84							
110	2.42	2.96	3.81	4.07	3.60	2.81	1.69	2.28	2.93	3.22	2.69	1.91							
115	2.56	3.05	3.77	3.98	3.60	2.90	1.84	2.29	2.84	3.10	2.67	2.00							
120	2.70	3.13	3.75	3.89	3.60	2.98	2.01	2.33	2.79	2.99	2.66	2.10							
125	2.85	3.19	3.73	3.82	3.59	3.06	2.20	2.41	2.79	2.93	2.66	2.21							
130	2.98	3.25	3.69	3.74	3.57	3.14	2.39	2.53	2.79	2.89	2.69	2.36							
135	3.11	3.32	3.67	3.69	3.54	3.20	2.57	2.66	2.82	2.91	2.76	2.51							
140	3.24	3.40	3.66	3.67	3.54	3.27	2.77	2.81	2.92	2.92	2.87	2.68							
145	3.35	3.47	3.66	3.67	3.55	3.36	2.96	2.97	3.05	3.00	3.01	2.84							
150	3.46	3.55	3.67	3.68	3.57	3.46	3.15	3.13	3.22	3.17	3.17	3.02							
155	3.58	3.64	3.70	3.76	3.64	3.58	3.33	3.30	3.38	3.32	3.32	3.19							
160	3.67	3.73	3.75	3.82	3.69	3.68	3.49	3.46	3.53	3.47	3.48	3.36							
165	3.76	3.81	3.77	3.85	3.77	3.76	3.65	3.60	3.67	3.60	3.62	3.49							
170	3.85	3.88	3.83	3.89	3.82	3.82	3.79	3.73	3.78	3.73	3.74	3.62							
175	3.89	3.92	3.88	3.91	3.85	3.83	3.89	3.82	3.88	3.81	3.84	3.73							
180	3.91	3.92	3.91	3.91	3.90	3.81	3.91	3.91	3.91	3.92	3.91	3.84							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-31

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	195.3	194.7	194.2	193.7	193.1	187.5	195.3	194.7	194.2	193.7
3.0	194.9	194.4	193.9	193.4	192.9	187.3	195.0	194.4	193.9	193.4
6.0	194.0	193.5	193.0	192.6	192.0	186.6	194.0	193.4	193.0	192.4
9.0	192.3	192.0	191.6	191.3	190.5	185.4	192.5	191.8	191.5	190.9
12.0	190.0	189.9	189.5	189.3	188.5	184.1	190.3	189.6	189.3	188.7
15.0	187.2	187.1	186.9	186.7	185.8	181.2	187.5	186.7	186.6	185.9
18.0	183.7	183.9	183.7	183.5	182.7	177.5	184.0	183.4	183.3	182.7
21.0	179.7	179.9	179.8	179.8	178.9	173.9	180.1	179.3	179.3	178.7
24.0	175.1	175.6	175.5	175.6	174.6	171.5	175.6	174.8	175.0	174.2
27.0	170.0	170.6	170.6	170.8	169.7	166.9	170.4	169.7	170.0	169.2
30.0	164.4	165.0	165.2	165.6	164.3	161.7	164.8	164.1	164.5	163.7
33.0	158.3	159.2	159.3	159.6	158.4	155.7	158.7	158.1	158.5	157.8
36.0	151.8	152.7	153.0	153.3	152.1	149.4	152.2	151.5	152.0	151.4
39.0	144.8	145.7	146.1	146.5	145.3	142.7	145.2	144.9	145.2	144.8
42.0	137.4	138.6	138.9	139.4	138.1	135.6	137.8	137.4	137.9	137.6
45.0	129.7	130.9	131.2	131.8	130.5	128.0	130.0	129.8	130.2	130.3
48.0	121.5	122.8	123.2	123.8	122.4	120.1	121.8	121.6	122.2	122.6
51.0	113.1	114.5	114.8	115.4	114.0	111.9	113.4	113.2	113.9	114.6
54.0	104.4	105.6	106.1	106.6	105.3	103.5	104.5	104.5	105.2	106.4
57.0	95.41	96.73	97.08	97.65	96.37	94.32	95.47	95.45	96.27	97.73
60.0	86.15	87.59	87.76	88.31	87.03	85.47	86.12	86.00	86.99	88.75
63.0	76.67	77.84	78.22	79.15	77.46	75.91	76.58	76.64	77.50	79.32
66.0	67.09	68.45	68.49	69.95	67.76	66.49	66.95	67.08	67.93	69.30
69.0	57.30	58.50	58.69	60.54	57.86	56.72	57.15	57.22	58.26	59.13
72.0	47.54	48.52	48.79	50.58	47.94	46.89	47.21	47.45	48.43	48.92
75.0	37.84	38.88	38.80	40.27	38.03	37.33	37.43	37.61	38.61	38.60
78.0	28.43	29.22	29.32	30.11	28.42	27.92	28.00	28.02	29.01	28.99
81.0	19.68	20.34	20.53	20.95	19.45	19.28	19.22	19.36	19.83	19.71
84.0	12.18	12.61	12.61	12.77	11.74	11.97	11.66	11.86	11.91	12.05
87.0	6.818	7.062	6.848	6.821	6.344	6.706	6.385	6.571	6.276	6.326
90.0	3.578	3.960	4.373	4.543	4.081	4.036	3.270	3.670	3.776	3.983
93.0	2.279	2.794	3.911	4.447	3.730	2.960	1.908	2.670	3.311	3.760
96.0	2.111	2.729	3.865	4.382	3.634	2.839	1.708	2.508	3.176	3.599
99.0	2.111	2.769	3.825	4.317	3.608	2.777	1.632	2.393	3.101	3.543
102.0	2.196	2.825	3.818	4.232	3.606	2.745	1.612	2.302	3.056	3.433
105.0	2.286	2.875	3.814	4.171	3.605	2.744	1.593	2.273	3.015	3.332
108.0	2.367	2.935	3.810	4.096	3.603	2.789	1.644	2.277	2.965	3.257
111.0	2.452	2.980	3.806	4.055	3.602	2.835	1.724	2.281	2.910	3.197
114.0	2.538	3.036	3.789	3.995	3.600	2.885	1.815	2.285	2.849	3.121
117.0	2.618	3.076	3.763	3.940	3.598	2.930	1.910	2.292	2.804	3.056
120.0	2.704	3.126	3.753	3.890	3.597	2.975	2.011	2.327	2.789	2.991
123.0	2.794	3.166	3.734	3.850	3.595	3.016	2.121	2.372	2.787	2.945
126.0	2.874	3.197	3.719	3.809	3.593	3.071	2.227	2.442	2.786	2.910
129.0	2.950	3.242	3.694	3.754	3.578	3.121	2.333	2.498	2.789	2.890
132.0	3.030	3.277	3.689	3.734	3.563	3.161	2.463	2.568	2.794	2.899
135.0	3.106	3.322	3.674	3.692	3.543	3.202	2.574	2.663	2.825	2.906
138.0	3.181	3.362	3.667	3.674	3.538	3.237	2.689	2.754	2.880	2.913
141.0	3.256	3.408	3.663	3.673	3.538	3.282	2.810	2.844	2.935	2.920
144.0	3.327	3.453	3.664	3.671	3.538	3.342	2.925	2.935	3.016	2.960
147.0	3.407	3.513	3.667	3.669	3.559	3.408	3.036	3.035	3.116	3.045
150.0	3.462	3.553	3.669	3.684	3.573	3.463	3.151	3.131	3.217	3.166
153.0	3.528	3.609	3.684	3.734	3.603	3.543	3.252	3.236	3.312	3.241
156.0	3.583	3.649	3.734	3.769	3.659	3.599	3.363	3.327	3.418	3.342
159.0	3.664	3.709	3.745	3.810	3.679	3.654	3.468	3.422	3.503	3.427
162.0	3.704	3.759	3.757	3.835	3.739	3.709	3.564	3.513	3.589	3.518
165.0	3.759	3.815	3.769	3.855	3.769	3.764	3.654	3.603	3.669	3.603
168.0	3.814	3.860	3.812	3.885	3.819	3.795	3.744	3.669	3.749	3.679
171.0	3.860	3.885	3.840	3.896	3.830	3.821	3.810	3.739	3.815	3.739
174.0	3.890	3.910	3.865	3.906	3.850	3.826	3.870	3.819	3.870	3.814
177.0	3.900	3.920	3.895	3.915	3.880	3.830	3.910	3.845	3.910	3.845
180.0	3.910	3.920	3.910	3.910	3.900	3.815	3.910	3.910	3.910	3.915
G/C	300.0	330.0								
0.0	193.1	187.5								
3.0	192.8	190.2								
6.0	191.8	189.3								
9.0	190.3	188.0								
12.0	188.2	185.9								
15.0	185.4	183.1								
18.0	182.0	179.8								
21.0	178.2	175.9								
24.0	173.8	171.5								
27.0	168.9	166.6								
30.0	163.4	161.1								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-31

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:

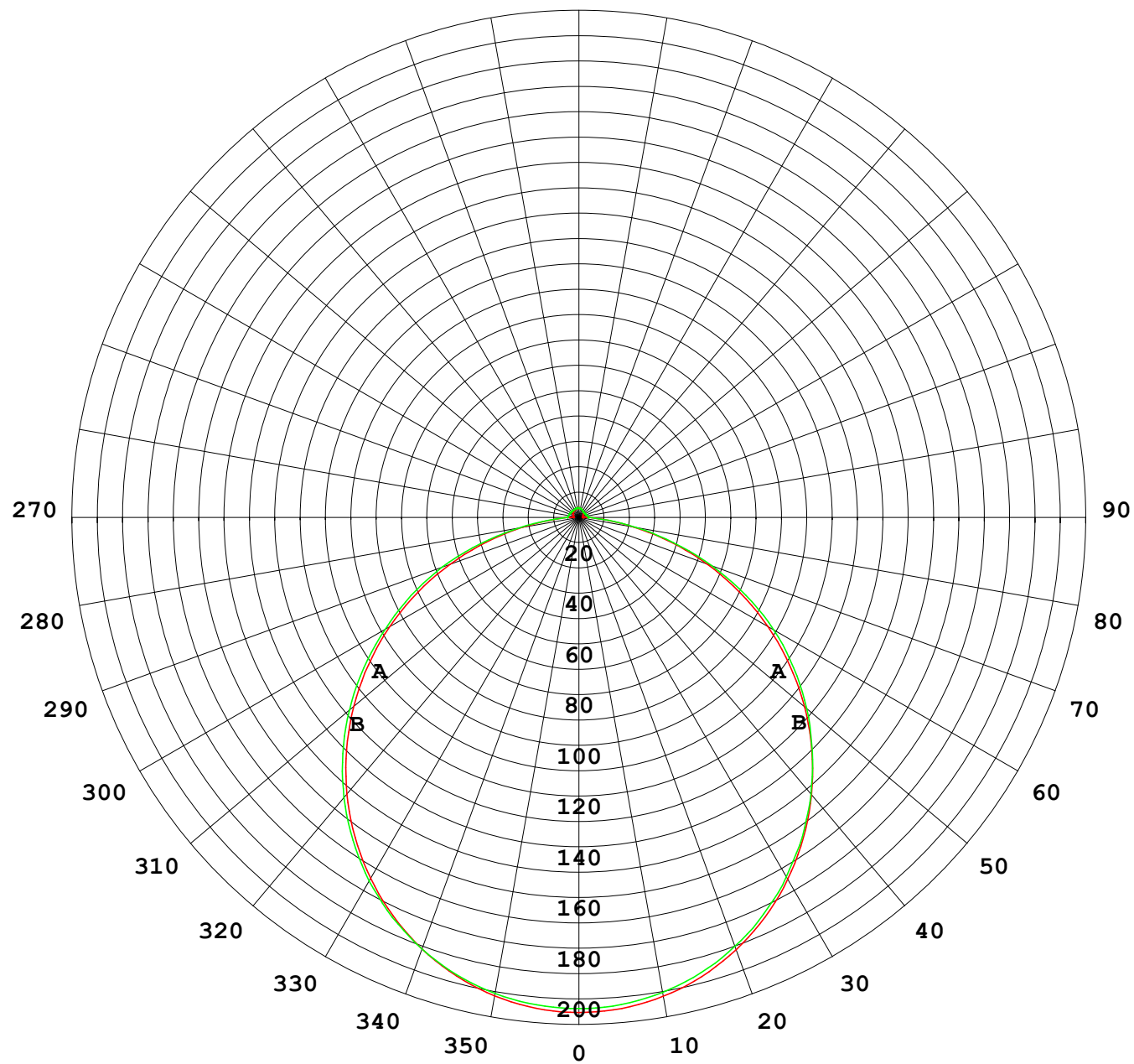
Photometric Data Table [cd]

33.0	157.4	155.1
36.0	151.0	148.8
39.0	144.2	141.9
42.0	137.0	134.7
45.0	129.3	127.2
48.0	121.5	119.2
51.0	113.4	110.9
54.0	105.1	102.4
57.0	96.55	93.50
60.0	87.48	84.35
63.0	78.10	75.25
66.0	68.43	65.84
69.0	58.52	56.15
72.0	48.60	46.74
75.0	38.83	37.15
78.0	29.29	27.82
81.0	20.19	19.24
84.0	12.28	11.69
87.0	6.536	6.186
90.0	3.800	3.078
93.0	3.130	1.951
96.0	2.980	1.799
99.0	2.885	1.807
102.0	2.829	1.819
105.0	2.774	1.842
108.0	2.724	1.900
111.0	2.684	1.925
114.0	2.675	1.975
117.0	2.666	2.040
120.0	2.657	2.100
123.0	2.649	2.171
126.0	2.659	2.241
129.0	2.684	2.322
132.0	2.714	2.402
135.0	2.759	2.508
138.0	2.815	2.613
141.0	2.895	2.704
144.0	2.981	2.799
147.0	3.076	2.925
150.0	3.167	3.015
153.0	3.262	3.121
156.0	3.353	3.241
159.0	3.448	3.322
162.0	3.533	3.417
165.0	3.619	3.493
168.0	3.694	3.573
171.0	3.765	3.658
174.0	3.830	3.704
177.0	3.880	3.749
180.0	3.910	3.845

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-31

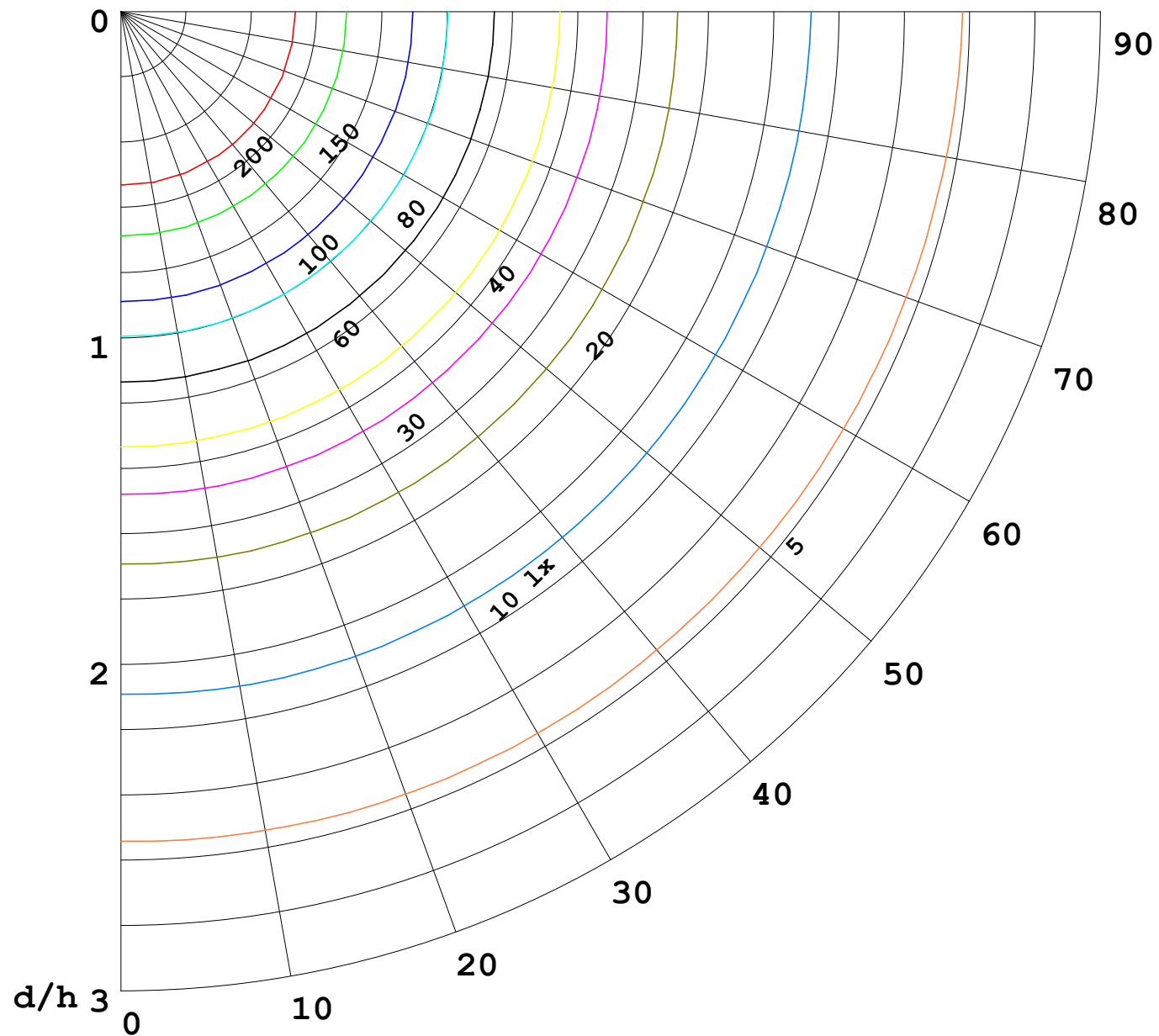
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

