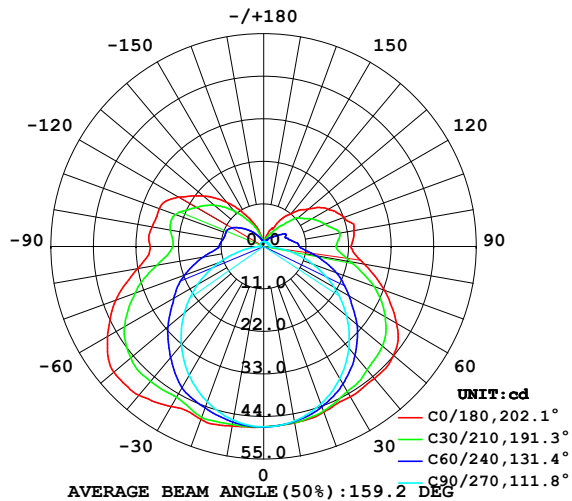


LUMINAIRE PHOTOMETRIC TEST REPORT

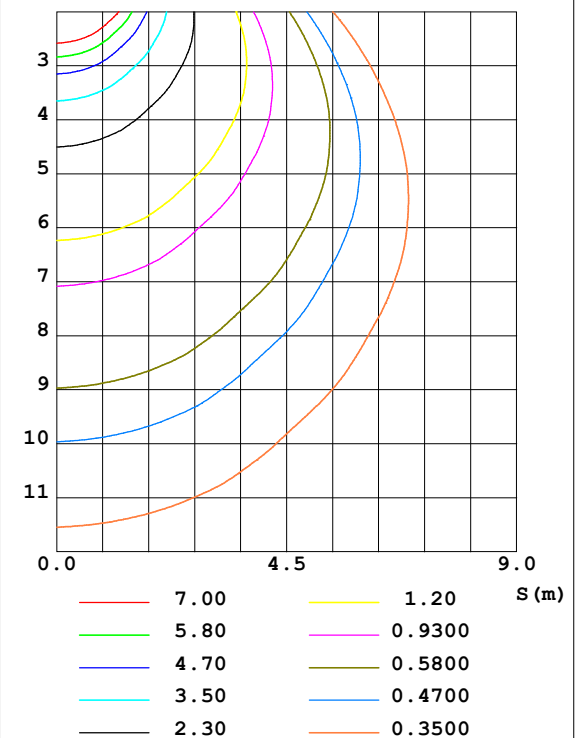
Test:U:24.00V I:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.63 lm/W			
MODEL	5050	I _{max} (cd)	50.65	S/MH (C0/180)	1.47
NOMINAL POWER (W)	4.5	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	264.29	η UP, DN (C0-180)	12.4, 36.9
NOMINAL FLUX (lm)	264.281	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	13.3, 37.4
LAMPS INSIDE	1	η up (%)	25.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24.0	η down (%)	74.3	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



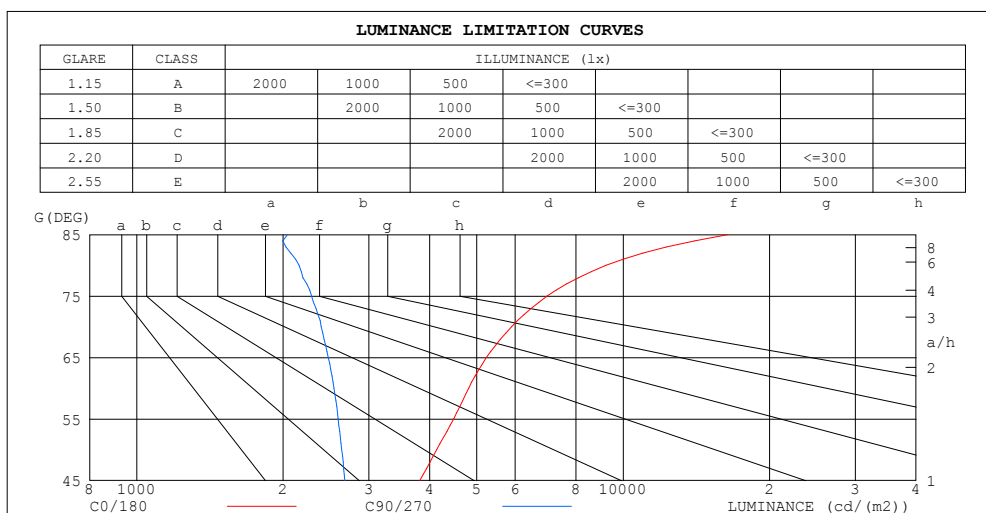
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-29

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	46.30	46.11	45.82	46.65	47.13	46.44	45.60	45.92	0- 10	4.434	4.434	1.68,1.68
20	45.56	44.73	43.32	46.10	47.60	45.70	42.73	44.33	10- 20	12.96	17.39	6.58,6.58
30	44.88	42.18	39.45	44.18	47.79	43.65	38.56	41.61	20- 30	20.30	37.69	14.3,14.3
40	44.60	39.22	34.26	42.16	50.26	41.51	33.15	38.49	30- 40	26.17	63.86	24.2,24.2
50	43.85	35.80	27.98	39.30	50.60	38.62	26.80	34.90	40- 50	30.10	93.95	35.5,35.6
60	39.71	30.85	20.99	34.85	46.62	34.21	19.77	29.92	50- 60	31.21	125.2	47.4,47.4
70	33.26	25.23	13.51	29.20	40.71	28.62	12.29	24.37	60- 70	29.06	154.2	58.4,58.4
80	26.44	18.25	6.181	22.31	33.08	21.95	5.217	17.61	70- 80	24.02	178.2	67.4,67.4
90	22.61	14.00	1.655	17.80	29.37	17.52	0.9652	13.54	80- 90	18.13	196.4	74.3,74.3
100	23.77	13.86	1.500	17.91	29.35	17.66	1.005	13.37	90-100	16.48	212.9	80.5,80.5
110	22.13	11.66	1.407	17.55	28.73	17.37	1.019	11.97	100-110	15.57	228.4	86.4,86.4
120	19.31	10.46	1.325	15.02	25.47	14.89	1.036	10.52	110-120	13.31	241.7	91.5,91.5
130	15.08	8.003	1.261	12.08	20.33	11.99	1.072	8.036	120-130	9.998	251.7	95.2,95.3
140	11.14	5.156	1.239	8.759	15.00	8.663	1.141	5.208	130-140	6.552	258.3	97.7,97.7
150	6.947	3.186	1.241	5.523	9.392	5.496	1.176	3.157	140-150	3.617	261.9	99.1,99.1
160	4.239	2.058	1.267	3.276	5.318	3.175	1.176	1.971	150-160	1.654	263.6	99.7,99.7
170	1.488	1.407	1.297	1.809	1.642	1.755	1.236	1.390	160-170	0.6014	264.2	99.9,100
180	1.256	1.319	1.312	1.354	1.272	1.349	1.266	1.332	170-180	0.1366	264.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16461	2041
80	9227	2157
75	6978	2289
70	5894	2395
65	5232	2476
60	4813	2544
55	4481	2596
50	4134	2638
45	3820	2678

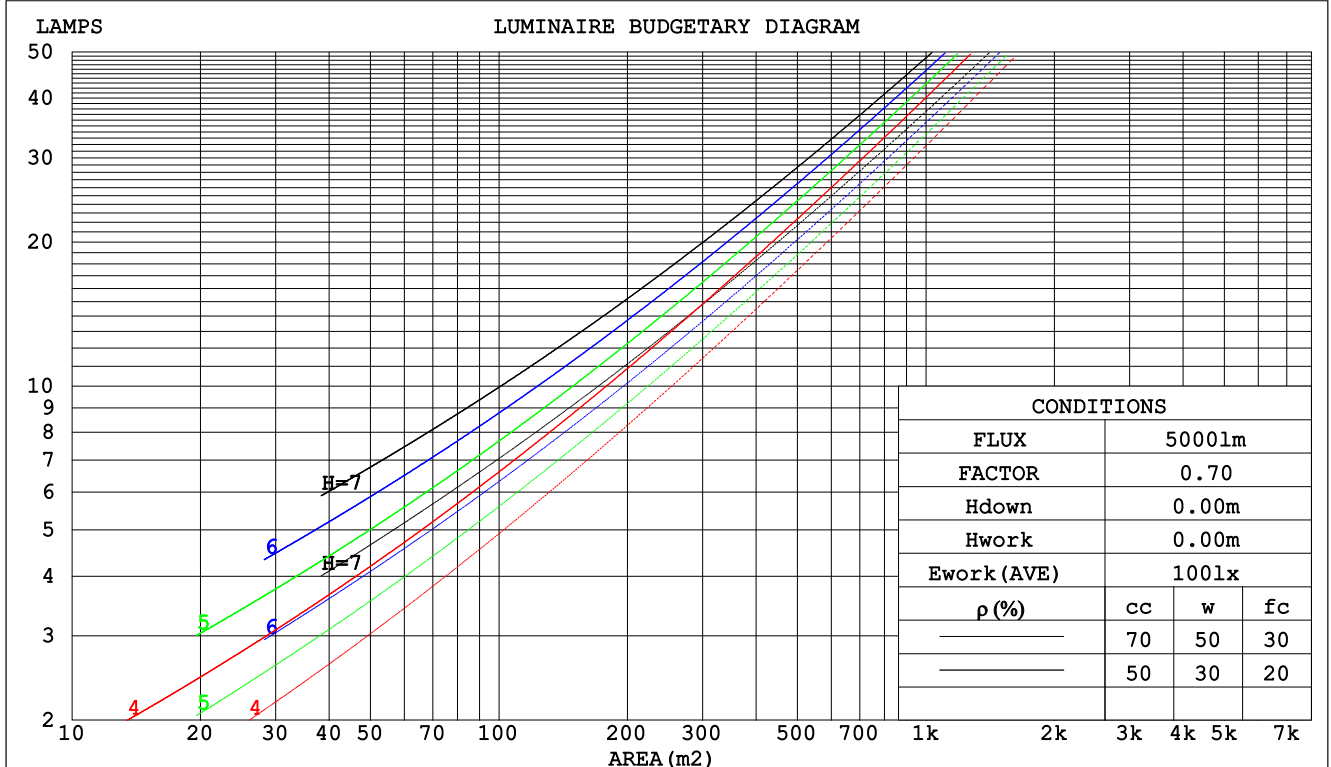
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	.94	.89	.84	.89	.85	.80	.80	.76	.73	.72	.69	.66	.64	.62	.60	.56
2.0	.80	.72	.66	.76	.69	.63	.68	.63	.58	.61	.57	.53	.55	.51	.48	.44
3.0	.69	.60	.53	.66	.58	.51	.59	.53	.47	.53	.48	.43	.47	.43	.39	.36
4.0	.61	.51	.44	.58	.49	.43	.52	.45	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.44	.37	.51	.42	.36	.46	.39	.33	.41	.35	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.41	.34	.29	.37	.31	.26	.33	.28	.24	.22
7.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.28	.23	.30	.25	.21	.19
8.0	.39	.31	.25	.37	.29	.24	.34	.27	.22	.31	.25	.20	.28	.23	.19	.17
9.0	.36	.27	.22	.34	.26	.21	.31	.24	.20	.28	.22	.18	.25	.20	.17	.15
10.0	.33	.25	.20	.31	.24	.19	.29	.22	.18	.26	.20	.16	.24	.19	.15	.13



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm					
NAME: SF18-24V-5050-70-SPI4-3000-G			TYPE: 硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022042901
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	.380	.216	.068	.365	.208	.066	.336	.193	.062	.311	.179	.057	.287	.166	.054		
2.0	.330	.181	.055	.316	.174	.054	.291	.162	.050	.267	.150	.047	.245	.139	.044		
3.0	.294	.156	.047	.281	.151	.045	.258	.140	.042	.237	.130	.040	.217	.120	.037		
4.0	.264	.137	.040	.253	.133	.039	.232	.123	.037	.213	.114	.034	.194	.106	.032		
5.0	.241	.123	.036	.230	.118	.034	.211	.110	.032	.193	.102	.030	.176	.094	.028		
6.0	.220	.110	.032	.211	.107	.031	.193	.099	.029	.177	.092	.027	.161	.085	.025		
7.0	.203	.101	.028	.195	.097	.028	.178	.090	.026	.163	.084	.024	.149	.077	.023		
8.0	.189	.092	.026	.181	.089	.025	.166	.083	.024	.152	.077	.022	.138	.071	.021		
9.0	.176	.085	.024	.168	.082	.023	.155	.076	.022	.141	.071	.020	.129	.066	.019		
10.0	.164	.079	.022	.158	.076	.021	.145	.071	.020	.133	.066	.019	.121	.061	.017		

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	.386	.386	.386	.330	.330	.330	.225	.225	.225	.129	.129	.129	.041	.041	.041	
1.0	.383	.353	.326	.327	.303	.281	.224	.208	.194	.129	.121	.113	.041	.039	.037	
2.0	.376	.330	.292	.322	.284	.253	.221	.197	.176	.127	.114	.103	.041	.037	.034	
3.0	.369	.314	.271	.316	.271	.235	.217	.188	.165	.125	.110	.097	.040	.036	.032	
4.0	.361	.302	.257	.310	.261	.223	.213	.182	.157	.123	.107	.093	.040	.035	.031	
5.0	.354	.292	.247	.304	.253	.215	.209	.177	.152	.121	.104	.090	.039	.034	.030	
6.0	.347	.285	.240	.298	.246	.209	.205	.173	.148	.119	.101	.088	.038	.033	.029	
7.0	.340	.278	.235	.292	.241	.205	.202	.169	.145	.117	.100	.086	.038	.033	.029	
8.0	.333	.273	.231	.287	.237	.202	.198	.166	.143	.115	.098	.085	.037	.032	.028	
9.0	.327	.268	.228	.282	.233	.199	.195	.163	.141	.114	.097	.084	.037	.032	.028	
10.0	.321	.264	.226	.277	.229	.197	.192	.161	.140	.112	.095	.084	.036	.031	.028	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.28lx1 lm											
NAME: SF18-24V-5050-70-SPI4-3000-G						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022042901			
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	16.9	18.2	17.5	18.8	19.5	14.2	15.5	14.8	16.1	16.8	
	3H	19.5	20.7	20.1	21.3	22.1	15.8	17.0	16.4	17.6	18.4
	4H	20.9	22.0	21.5	22.6	23.4	16.5	17.6	17.2	18.3	19.1
	6H	22.3	23.4	23.0	24.0	24.8	17.0	18.1	17.7	18.8	19.6
	8H	23.1	24.1	23.8	24.8	25.6	17.2	18.2	17.9	18.9	19.7
	12H	24.0	25.0	24.7	25.7	26.5	17.3	18.3	18.0	19.0	19.8
4H	2H	17.4	18.5	18.1	19.2	20.0	15.4	16.6	16.1	17.2	18.0
	3H	20.3	21.2	21.0	21.9	22.8	17.3	18.3	18.0	18.9	19.8
	4H	21.8	22.7	22.5	23.4	24.3	18.1	19.0	18.8	19.7	20.6
	6H	23.4	24.2	24.2	25.0	25.9	18.8	19.6	19.6	20.4	21.2
	8H	24.4	25.1	25.1	25.9	26.8	19.1	19.8	19.8	20.6	21.5
	12H	25.4	26.1	26.2	26.9	27.8	19.3	20.0	20.0	20.7	21.6
8H	4H	22.1	22.8	22.8	23.6	24.5	19.1	19.9	19.9	20.6	21.5
	6H	24.0	24.6	24.8	25.4	26.4	20.2	20.8	20.9	21.6	22.5
	8H	25.1	25.7	25.9	26.5	27.5	20.6	21.2	21.4	22.0	22.9
	12H	26.5	27.0	27.3	27.8	28.7	21.0	21.5	21.8	22.3	23.3
12H	4H	22.1	22.8	22.8	23.5	24.4	19.4	20.1	20.2	20.9	21.8
	6H	24.1	24.7	24.9	25.5	26.4	20.7	21.2	21.5	22.0	23.0
	8H	25.3	25.8	26.1	26.6	27.6	21.3	21.8	22.1	22.6	23.5
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 264.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.6)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

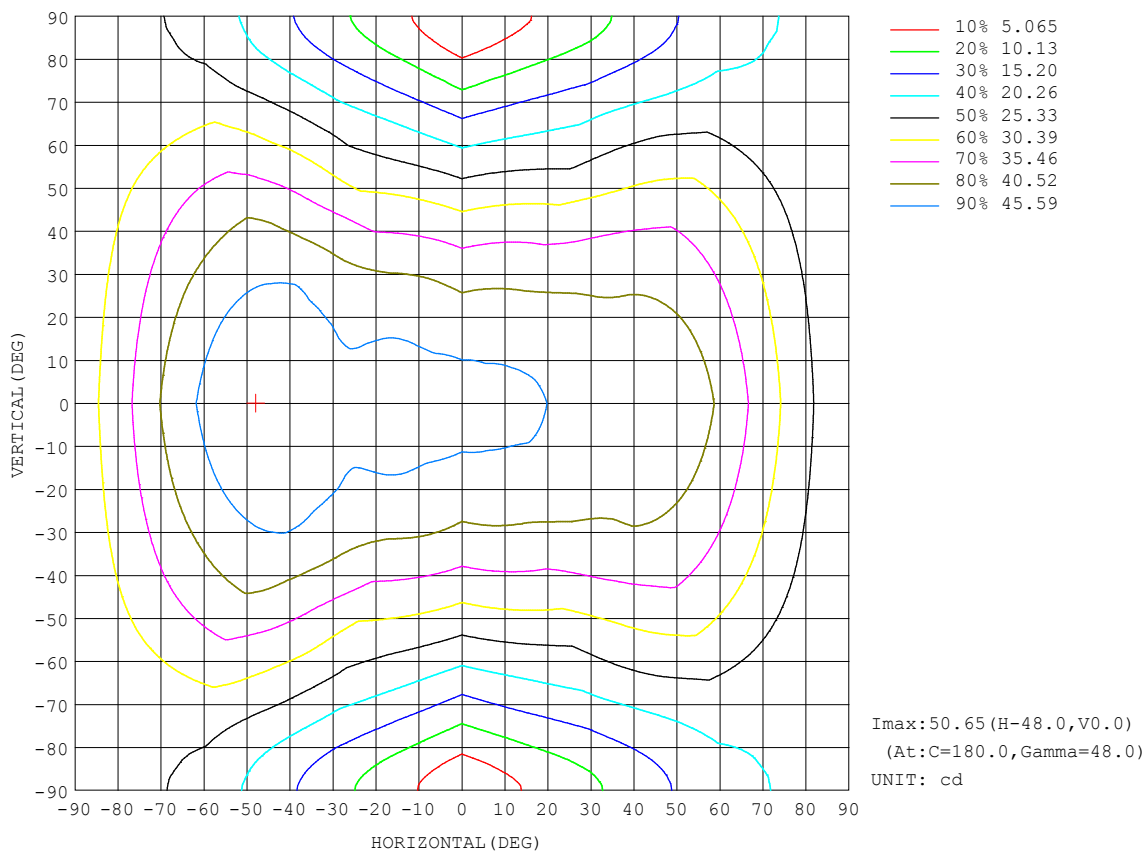
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	32	25	43	32	25	41	31	24	17
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	48	40	59	47	39	55	47	38	28
1.25	69	56	47	66	54	46	61	51	44	33
1.50	74	61	53	71	59	51	65	56	49	37
2.00	81	70	62	78	67	60	71	63	56	43
2.50	86	76	67	82	73	65	75	67	61	47
3.00	90	80	73	86	77	70	78	71	65	50
4.00	95	87	80	90	83	77	82	76	71	54
5.00	98	91	85	93	87	81	84	79	75	57
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:2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.28lx1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

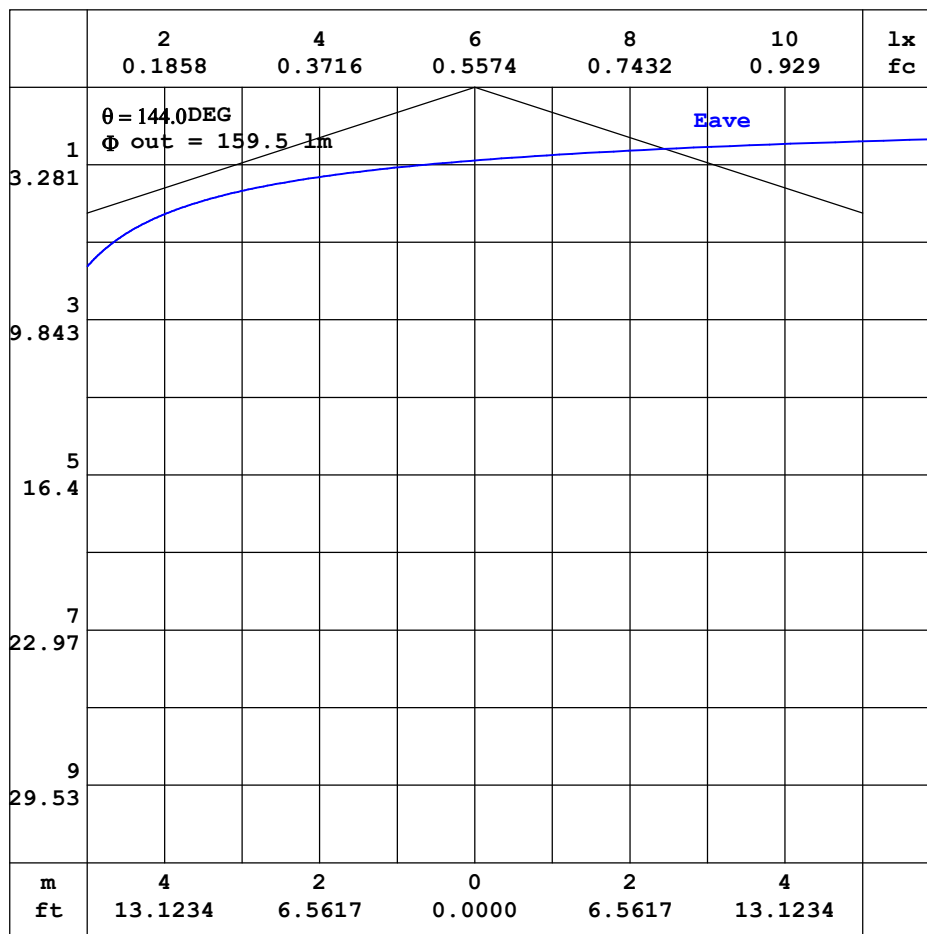


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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 CURVES

Test:U:24.00V I:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



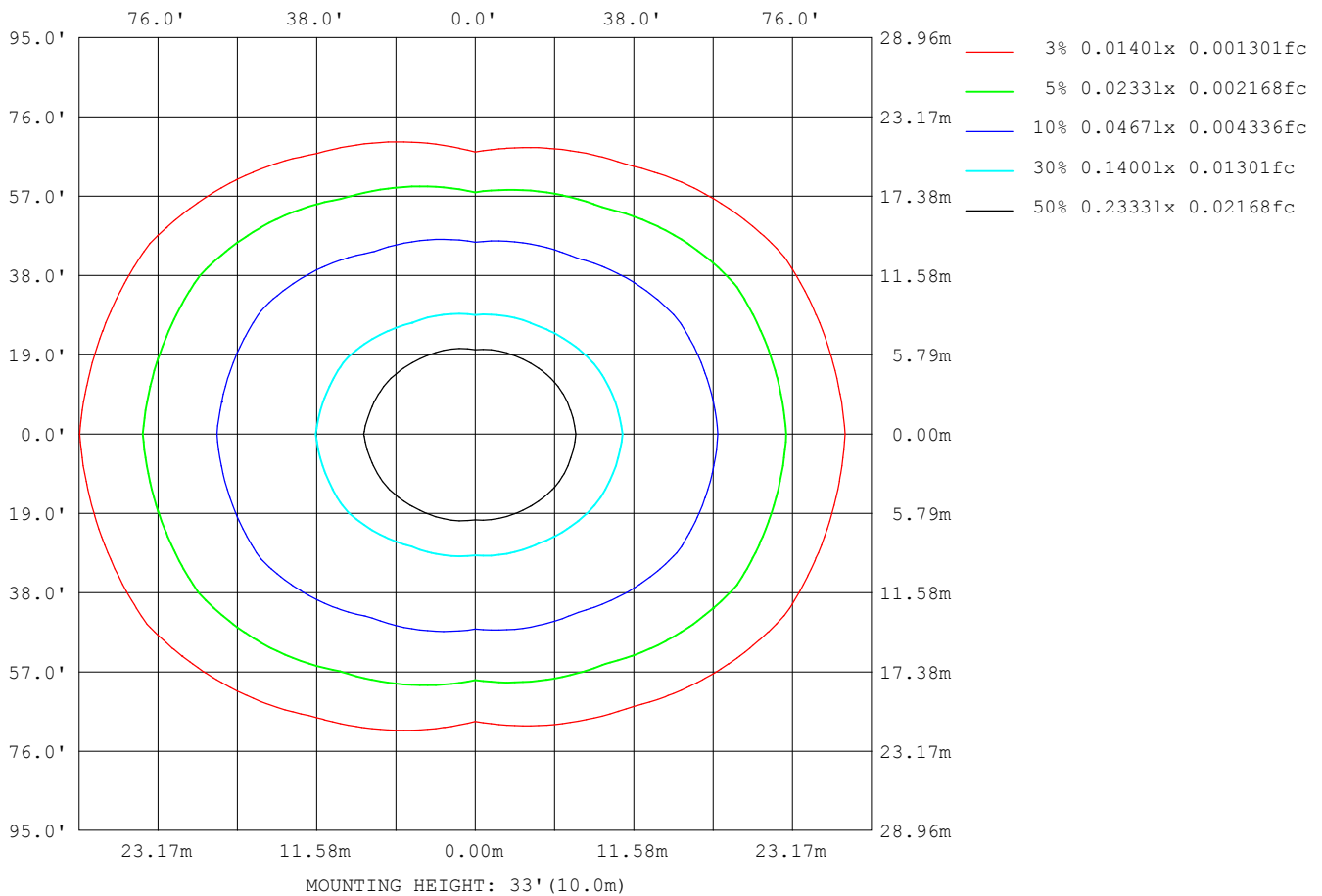
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-29

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

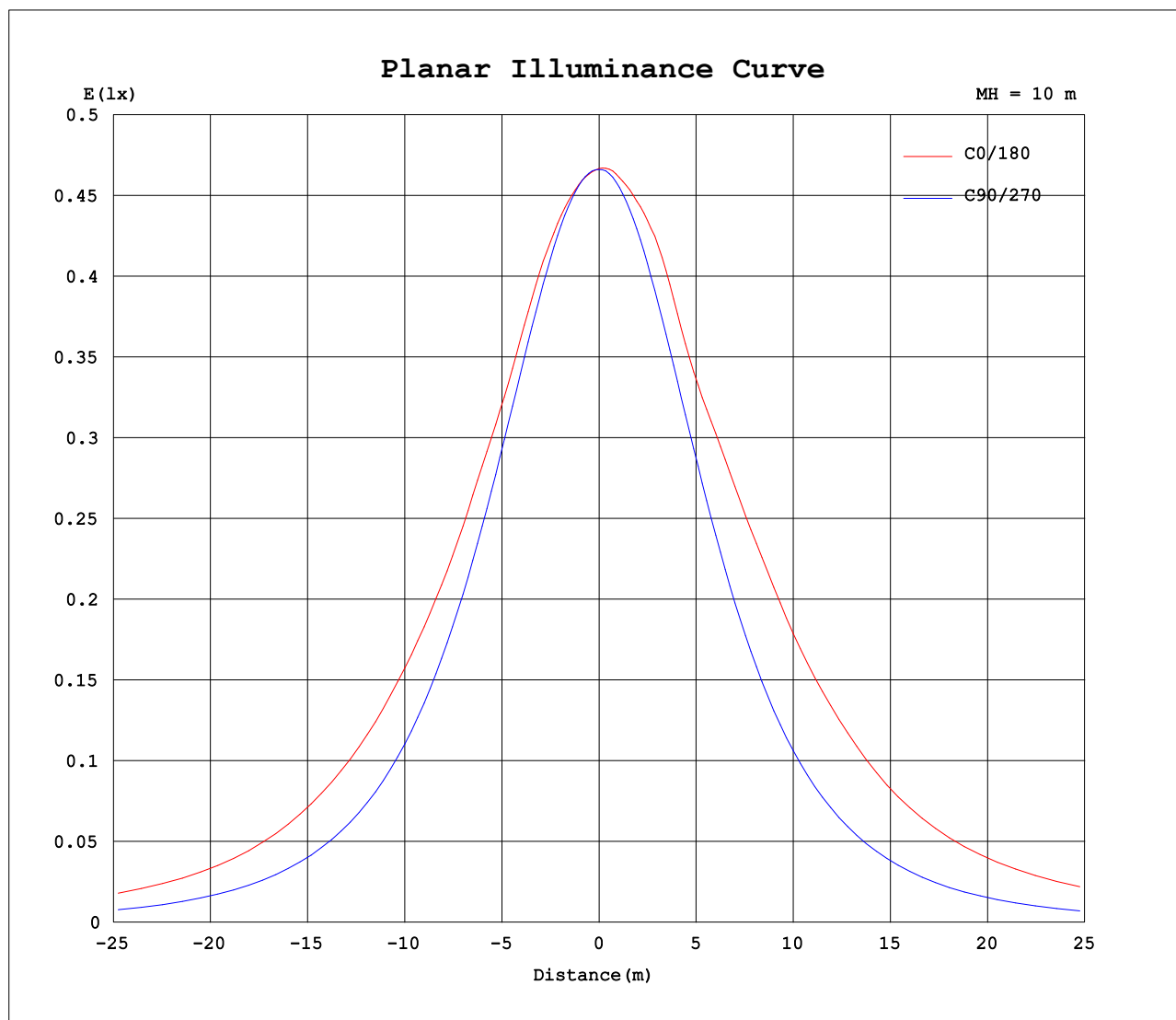
Test:U:24.00V I:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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: 2022-04-29

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:0.2362A P:5.668W PF:1.000 Lamp Flux:264.281x1 lm		
NAME: SF18-24V-5050-70-SPI4-3000-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022042901
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	46.7	46.7	46.7	46.6	46.6	46.7	46.7	46.7	46.7	46.6	46.6	46.7						
5	46.5	46.5	46.4	46.5	46.7	46.8	46.9	46.8	46.6	46.4	46.3	46.4						
10	46.3	46.3	46.0	45.8	46.4	47.0	47.1	46.8	46.1	45.6	45.7	46.2						
15	46.1	45.8	45.2	44.8	45.7	47.2	47.7	46.9	45.4	44.4	44.8	45.6						
20	45.6	45.3	44.1	43.3	44.9	47.3	47.6	47.0	44.4	42.7	43.7	45.0						
25	44.9	44.4	42.7	41.6	44.1	46.2	46.9	45.8	43.5	40.8	42.1	44.0						
30	44.9	43.3	41.0	39.5	42.8	45.5	47.8	45.1	42.2	38.6	40.3	42.9						
35	44.7	42.8	39.0	37.0	40.7	45.9	49.1	45.4	40.0	36.0	38.2	42.3						
40	44.6	41.7	36.8	34.3	38.2	46.1	50.3	45.6	37.5	33.2	35.9	41.0						
45	44.6	40.9	34.2	31.2	35.7	46.2	50.6	45.7	34.9	30.1	33.2	40.2						
50	43.8	40.1	31.5	28.0	33.1	45.5	50.6	44.9	32.3	26.8	30.5	39.3						
55	42.4	38.6	28.3	24.6	30.2	44.1	49.2	43.6	29.4	23.4	27.3	37.7						
60	39.7	36.3	25.4	21.0	27.6	42.1	46.6	41.6	26.9	19.8	24.3	35.5						
65	36.5	33.6	22.8	17.3	25.3	39.2	43.8	38.7	24.6	16.1	21.8	32.8						
70	33.3	30.4	20.1	13.5	22.4	36.0	40.7	35.4	21.8	12.3	19.1	29.7						
75	29.8	26.4	16.8	9.77	19.4	32.5	36.9	31.9	18.8	8.65	16.0	25.8						
80	26.4	22.9	13.6	6.18	16.2	28.4	33.1	28.0	15.8	5.22	12.9	22.3						
85	23.7	20.0	10.7	2.94	13.3	25.3	30.2	25.0	13.0	2.34	10.1	19.5						
90	22.6	18.7	9.26	1.66	11.9	23.7	29.4	23.5	11.5	0.97	8.80	18.3						
95	23.3	19.4	8.89	1.55	11.5	24.0	29.8	23.7	11.2	1.00	8.52	19.0						
100	23.8	20.0	7.73	1.50	11.1	24.7	29.4	24.6	10.7	1.01	7.13	19.6						
105	23.6	18.4	6.86	1.45	10.8	25.0	28.8	24.9	10.5	1.02	6.58	18.8						
110	22.1	17.0	6.36	1.41	10.7	24.4	28.7	24.3	10.4	1.02	6.52	17.4						
115	20.9	15.7	6.25	1.35	10.5	22.4	27.8	22.3	10.3	1.02	6.65	16.2						
120	19.3	14.3	6.59	1.32	9.69	20.4	25.5	20.2	9.57	1.04	6.23	14.8						
125	17.6	12.6	5.46	1.30	8.70	18.6	22.8	18.5	8.63	1.04	5.29	12.7						
130	15.1	11.6	4.39	1.26	7.46	16.7	20.3	16.6	7.42	1.07	4.38	11.7						
135	13.4	9.11	3.60	1.25	6.34	14.6	17.8	14.4	6.30	1.10	3.61	9.51						
140	11.1	7.14	3.17	1.24	5.33	12.2	15.0	12.1	5.25	1.14	3.03	7.39						
145	9.33	5.28	2.73	1.23	4.39	9.67	12.2	9.59	4.36	1.16	2.58	5.48						
150	6.95	4.13	2.24	1.24	3.43	7.61	9.39	7.59	3.41	1.18	2.12	4.19						
155	5.32	3.21	1.89	1.26	2.73	5.93	7.17	5.86	2.67	1.18	1.76	3.26						
160	4.24	2.48	1.64	1.27	2.23	4.32	5.32	4.21	2.14	1.18	1.53	2.41						
165	2.68	1.78	1.44	1.28	1.82	2.88	3.28	2.85	1.73	1.21	1.34	1.75						
170	1.49	1.43	1.38	1.30	1.62	1.99	1.64	1.99	1.52	1.24	1.31	1.47						
175	1.32	1.32	1.31	1.31	1.55	1.58	1.36	1.60	1.48	1.25	1.29	1.36						
180	1.26	1.35	1.29	1.31	1.36	1.35	1.27	1.36	1.34	1.27	1.34	1.33						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-29

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	46.67	46.65	46.66	46.62	46.64	46.69	46.67	46.65	46.66	46.62
3.0	46.52	46.52	46.57	46.57	46.70	46.84	46.82	46.75	46.64	46.55
6.0	46.41	46.41	46.37	46.36	46.67	46.85	46.88	46.76	46.51	46.25
9.0	46.33	46.29	46.08	45.98	46.46	46.92	47.08	46.75	46.23	45.79
12.0	46.24	46.18	45.68	45.45	46.10	46.97	47.35	46.77	45.80	45.16
15.0	46.13	45.82	45.22	44.76	45.72	47.19	47.68	46.92	45.37	44.35
18.0	45.87	45.59	44.62	43.93	45.23	47.38	47.84	47.06	44.83	43.44
21.0	45.44	45.12	43.84	42.98	44.77	47.14	47.43	46.83	44.24	42.39
24.0	44.98	44.55	42.99	41.92	44.31	46.46	46.99	46.10	43.70	41.20
27.0	44.80	43.90	42.11	40.74	43.73	45.78	47.04	45.42	43.06	39.95
30.0	44.88	43.32	41.03	39.45	42.85	45.50	47.79	45.07	42.23	38.56
33.0	44.85	43.04	39.85	38.01	41.59	45.68	48.60	45.19	40.95	37.05
36.0	44.59	42.65	38.65	36.47	40.20	45.95	49.29	45.40	39.52	35.45
39.0	44.51	41.90	37.32	34.83	38.72	46.07	50.01	45.52	37.97	33.74
42.0	44.59	41.29	35.77	33.09	37.25	46.10	50.54	45.61	36.43	31.94
45.0	44.57	40.89	34.24	31.24	35.75	46.19	50.59	45.66	34.91	30.08
48.0	44.24	40.44	32.67	29.33	34.25	45.85	50.65	45.31	33.42	28.13
51.0	43.63	39.84	30.94	27.32	32.54	45.24	50.48	44.67	31.76	26.13
54.0	42.78	38.95	28.95	25.25	30.78	44.44	49.64	43.88	29.98	24.06
57.0	41.46	37.67	27.12	23.18	29.09	43.41	48.20	42.90	28.31	21.94
60.0	39.71	36.29	25.41	20.99	27.56	42.15	46.62	41.57	26.86	19.77
63.0	37.79	34.75	23.84	18.76	26.20	40.43	44.89	39.91	25.49	17.57
66.0	35.85	32.99	22.29	16.52	24.76	38.57	43.21	38.06	24.07	15.32
69.0	33.96	31.09	20.65	14.26	23.05	36.59	41.39	36.03	22.40	13.04
72.0	31.89	28.91	18.81	12.03	21.22	34.61	39.25	34.20	20.65	10.80
75.0	29.80	26.44	16.84	9.775	19.35	32.48	36.85	31.94	18.83	8.650
78.0	27.75	24.25	14.88	7.538	17.43	29.99	34.51	29.61	17.03	6.569
81.0	25.82	22.26	13.01	5.472	15.55	27.72	32.42	27.39	15.25	4.528
84.0	24.15	20.50	11.23	3.443	13.81	25.80	30.64	25.52	13.54	2.799
87.0	23.10	19.26	9.885	2.048	12.49	24.43	29.62	24.24	12.20	1.561
90.0	22.61	18.74	9.263	1.655	11.91	23.70	29.37	23.51	11.53	0.9652
93.0	23.02	19.07	9.036	1.592	11.69	23.79	29.74	23.50	11.36	1.005
96.0	23.40	19.58	8.810	1.530	11.47	24.09	29.78	23.86	11.13	1.005
99.0	23.67	20.01	7.938	1.507	11.16	24.58	29.46	24.38	10.86	1.005
102.0	23.89	19.70	7.454	1.485	10.95	24.93	29.09	24.75	10.61	1.016
105.0	23.61	18.44	6.858	1.452	10.78	25.04	28.78	24.88	10.47	1.017
108.0	22.40	17.45	6.709	1.427	10.73	24.80	28.73	24.71	10.46	1.018
111.0	21.90	16.74	6.199	1.407	10.71	24.13	28.68	23.99	10.44	1.019
114.0	21.13	15.99	6.101	1.352	10.59	22.88	28.17	22.73	10.41	1.021
117.0	20.33	15.21	6.562	1.338	10.22	21.43	26.99	21.37	10.06	1.024
120.0	19.31	14.33	6.589	1.325	9.687	20.36	25.47	20.21	9.572	1.036
123.0	18.40	13.22	5.983	1.312	9.149	19.32	23.81	19.22	9.049	1.039
126.0	17.17	12.42	5.284	1.287	8.441	18.25	22.34	18.12	8.355	1.045
129.0	15.53	11.78	4.586	1.276	7.702	17.08	20.83	16.98	7.651	1.066
132.0	14.34	10.95	4.058	1.254	6.993	15.87	19.29	15.73	6.943	1.084
135.0	13.43	9.108	3.605	1.246	6.345	14.55	17.76	14.44	6.300	1.101
138.0	12.03	7.666	3.398	1.241	5.706	13.15	16.12	12.97	5.647	1.121
141.0	10.74	6.907	3.082	1.239	5.144	11.71	14.46	11.52	5.069	1.146
144.0	9.794	5.826	2.820	1.236	4.601	10.16	12.78	10.10	4.551	1.151
147.0	8.508	4.932	2.559	1.233	4.007	8.802	11.06	8.688	3.973	1.166
150.0	6.947	4.134	2.237	1.241	3.434	7.611	9.392	7.586	3.405	1.176
153.0	5.117	3.516	1.986	1.249	2.957	6.570	8.001	6.501	2.898	1.176
156.0	5.094	3.085	1.840	1.258	2.620	5.626	6.766	5.516	2.562	1.176
159.0	4.475	2.627	1.689	1.266	2.323	4.656	5.640	4.586	2.245	1.176
162.0	3.538	2.160	1.573	1.274	2.052	3.666	4.527	3.551	1.969	1.186
165.0	2.677	1.778	1.443	1.282	1.815	2.883	3.279	2.846	1.733	1.206
168.0	2.008	1.537	1.402	1.287	1.674	2.301	2.524	2.278	1.573	1.221
171.0	1.433	1.397	1.362	1.300	1.603	1.843	1.547	1.846	1.518	1.240
174.0	1.337	1.327	1.322	1.309	1.568	1.608	1.392	1.619	1.483	1.251
177.0	1.287	1.287	1.292	1.312	1.498	1.522	1.342	1.563	1.417	1.261
180.0	1.256	1.347	1.292	1.312	1.357	1.352	1.272	1.357	1.342	1.266
G/C	300.0	330.0								
0.0	46.64	46.69								
3.0	46.45	46.51								
6.0	46.18	46.36								
9.0	45.82	46.20								
12.0	45.36	46.04								
15.0	44.83	45.61								
18.0	44.17	45.33								
21.0	43.35	44.81								
24.0	42.38	44.21								
27.0	41.42	43.49								
30.0	40.34	42.88								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-29

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:

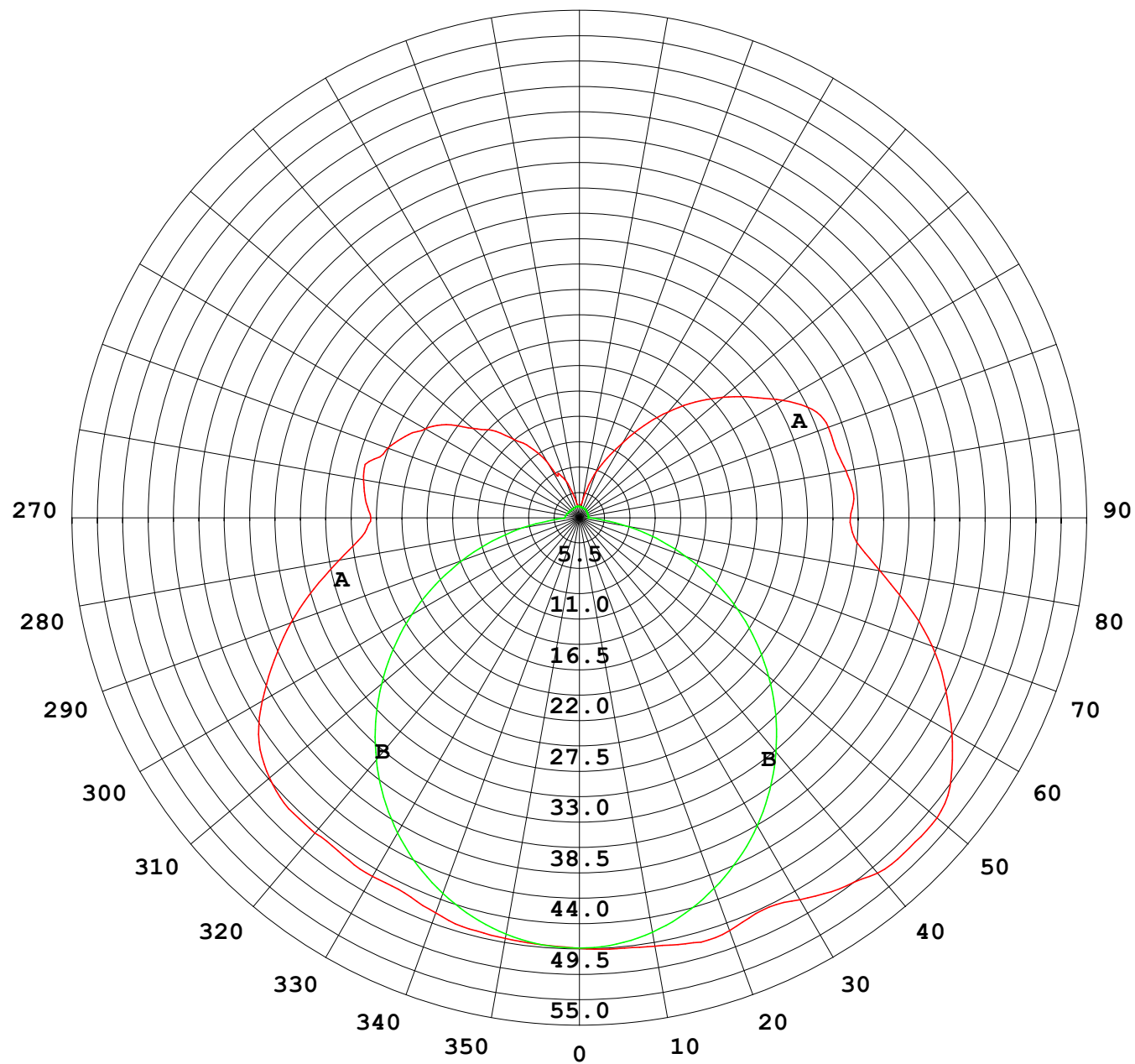
Photometric Data Table [cd]

33.0	39.11	42.59
36.0	37.79	42.13
39.0	36.46	41.29
42.0	34.84	40.63
45.0	33.21	40.24
48.0	31.65	39.76
51.0	29.88	39.05
54.0	27.92	38.12
57.0	26.07	36.85
60.0	24.35	35.50
63.0	22.77	33.99
66.0	21.25	32.20
69.0	19.61	30.32
72.0	17.85	28.23
75.0	15.97	25.83
78.0	14.10	23.62
81.0	12.32	21.69
84.0	10.61	20.00
87.0	9.234	18.81
90.0	8.796	18.29
93.0	8.628	18.62
96.0	7.936	19.19
99.0	7.301	19.59
102.0	6.914	19.47
105.0	6.579	18.85
108.0	6.493	18.19
111.0	6.584	17.20
114.0	6.614	16.37
117.0	6.638	15.47
120.0	6.230	14.81
123.0	5.587	13.73
126.0	5.074	12.40
129.0	4.566	11.87
132.0	4.064	10.94
135.0	3.612	9.507
138.0	3.260	8.206
141.0	2.944	6.975
144.0	2.678	5.838
147.0	2.411	4.988
150.0	2.120	4.193
153.0	1.849	3.605
156.0	1.708	3.117
159.0	1.568	2.595
162.0	1.442	2.107
165.0	1.342	1.750
168.0	1.317	1.558
171.0	1.307	1.433
174.0	1.292	1.372
177.0	1.277	1.332
180.0	1.337	1.327

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-29

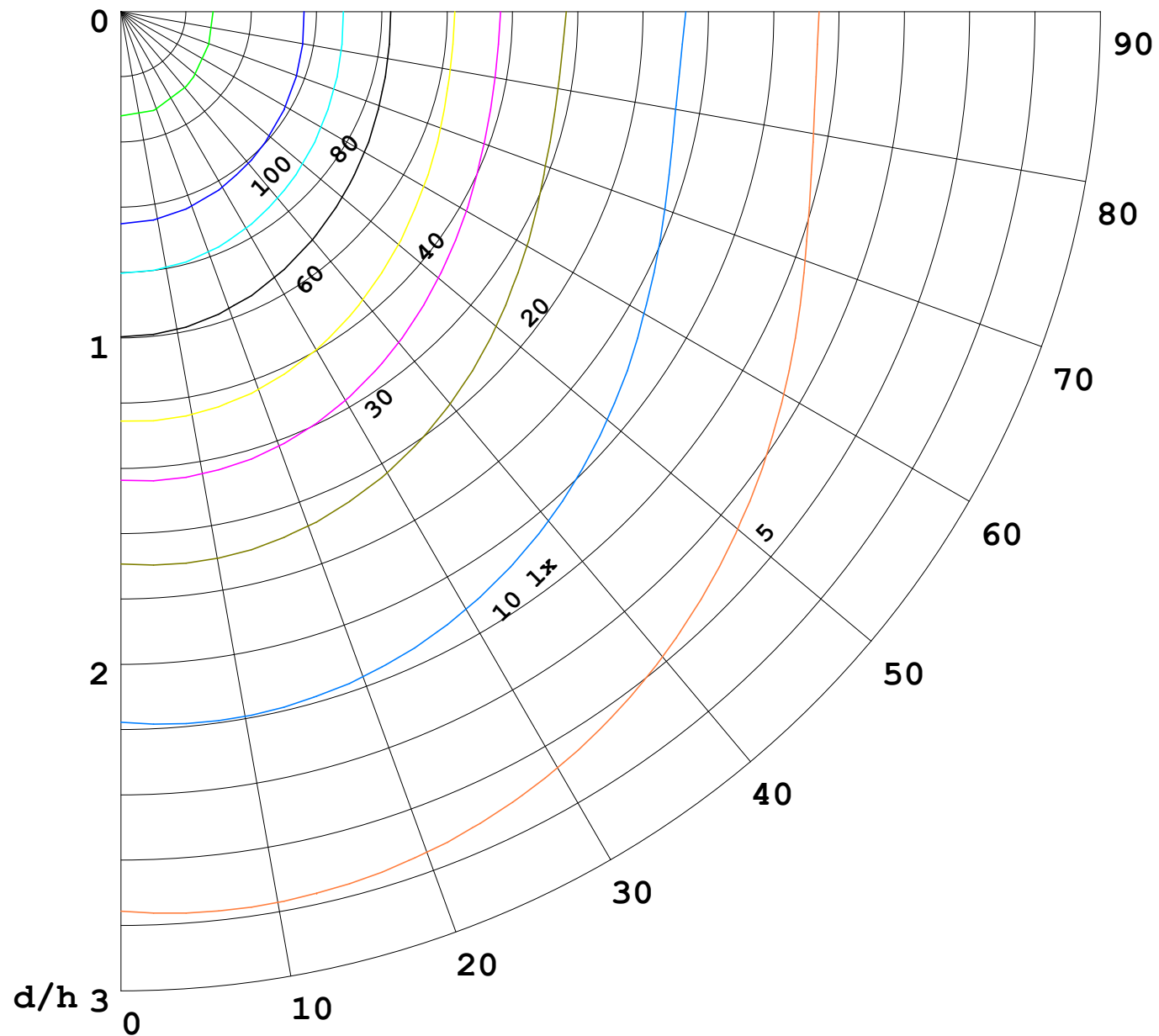
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

