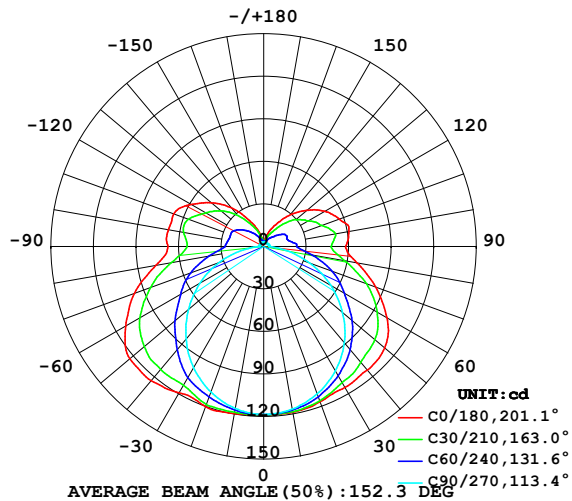


LUMINAIRE PHOTOMETRIC TEST REPORT

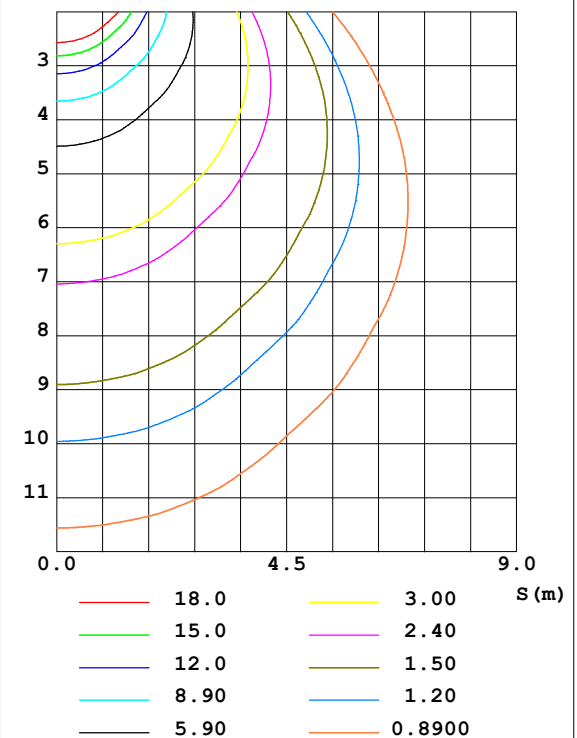
Test:U:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 57.30 lm/W			
MODEL	3528	I _{max} (cd)	123.9	S/MH (C0/180)	1.47
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	48	TOTAL FLUX (lm)	660.65	η UP, DN (C0-180)	12.4, 37.3
NOMINAL FLUX (lm)	660.647	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	12.9, 37.4
LAMPS INSIDE	1	η up (%)	25.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	48.0	η down (%)	74.7	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



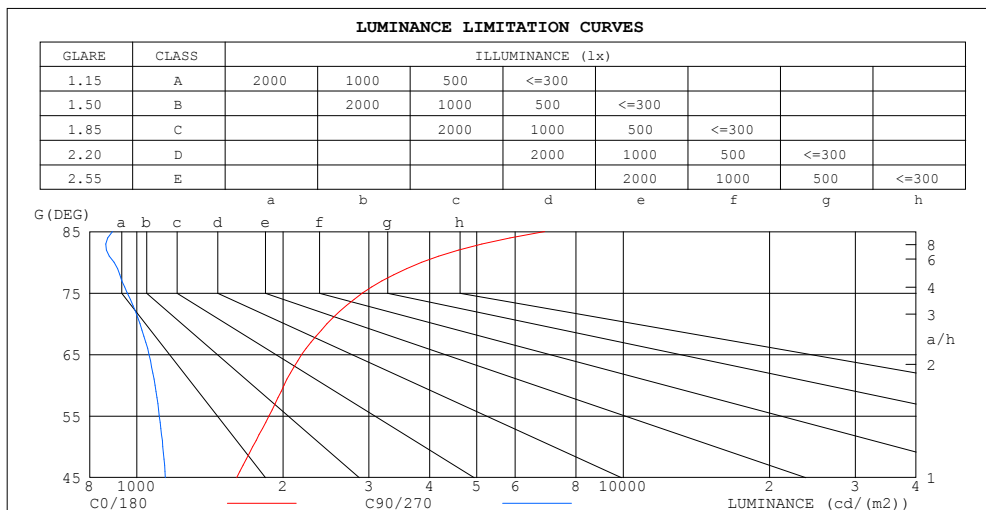
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-07-25

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	118.8	117.8	116.5	117.9	119.6	118.0	116.0	117.2	0- 10	11.28	11.28	1.71,1.71
20	116.6	114.3	110.5	116.2	120.2	115.7	109.2	113.3	10- 20	32.95	44.23	6.69,6.69
30	114.9	108.0	101.3	111.1	119.2	110.1	98.88	106.4	20- 30	51.61	95.84	14.5,14.5
40	113.8	100.7	88.47	105.8	123.6	104.0	85.27	98.59	30- 40	66.41	162.2	24.6,24.6
50	111.3	91.97	72.72	98.12	123.3	95.83	69.27	89.37	40- 50	76.13	238.4	36.1,36.1
60	100.4	79.10	54.52	86.25	112.4	84.37	51.88	76.62	50- 60	78.61	317.0	48,48
70	84.15	64.45	34.72	70.87	97.17	69.84	33.54	62.77	60- 70	72.79	389.8	59,59
80	66.85	46.19	15.60	52.87	77.21	52.48	14.75	45.40	70- 80	59.59	449.4	68,68
90	57.88	35.53	4.076	41.17	67.60	40.66	3.395	34.68	80- 90	44.26	493.6	74.7,74.7
100	61.07	35.58	3.840	41.78	68.27	41.44	3.242	34.73	90-100	40.19	533.8	80.8,80.8
110	56.83	30.49	3.689	41.09	67.46	40.70	3.218	30.14	100-110	38.00	571.8	86.6,86.6
120	49.77	26.65	3.518	35.44	59.40	35.19	3.206	27.18	110-120	32.65	604.5	91.5,91.5
130	39.68	20.91	3.312	28.65	48.03	28.56	3.152	21.09	120-130	24.70	629.2	95.2,95.2
140	29.32	14.23	3.121	21.02	35.64	20.81	3.170	13.55	130-140	16.33	645.5	97.7,97.7
150	18.42	8.786	3.095	13.43	22.07	13.31	3.131	8.560	140-150	9.044	654.5	99.1,99.1
160	11.31	5.396	3.192	8.169	12.75	7.802	3.148	5.263	150-160	4.217	658.8	99.7,99.7
170	3.887	3.621	3.337	4.627	4.044	4.471	3.247	3.584	160-170	1.534	660.3	99.9,99.9
180	3.267	3.465	3.412	3.516	3.277	3.498	3.357	3.485	170-180	0.3517	660.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6895	892
80	3850	898
75	2911	956
70	2460	1015
65	2183	1060
60	2009	1090
55	1871	1113
50	1732	1131
45	1605	1144

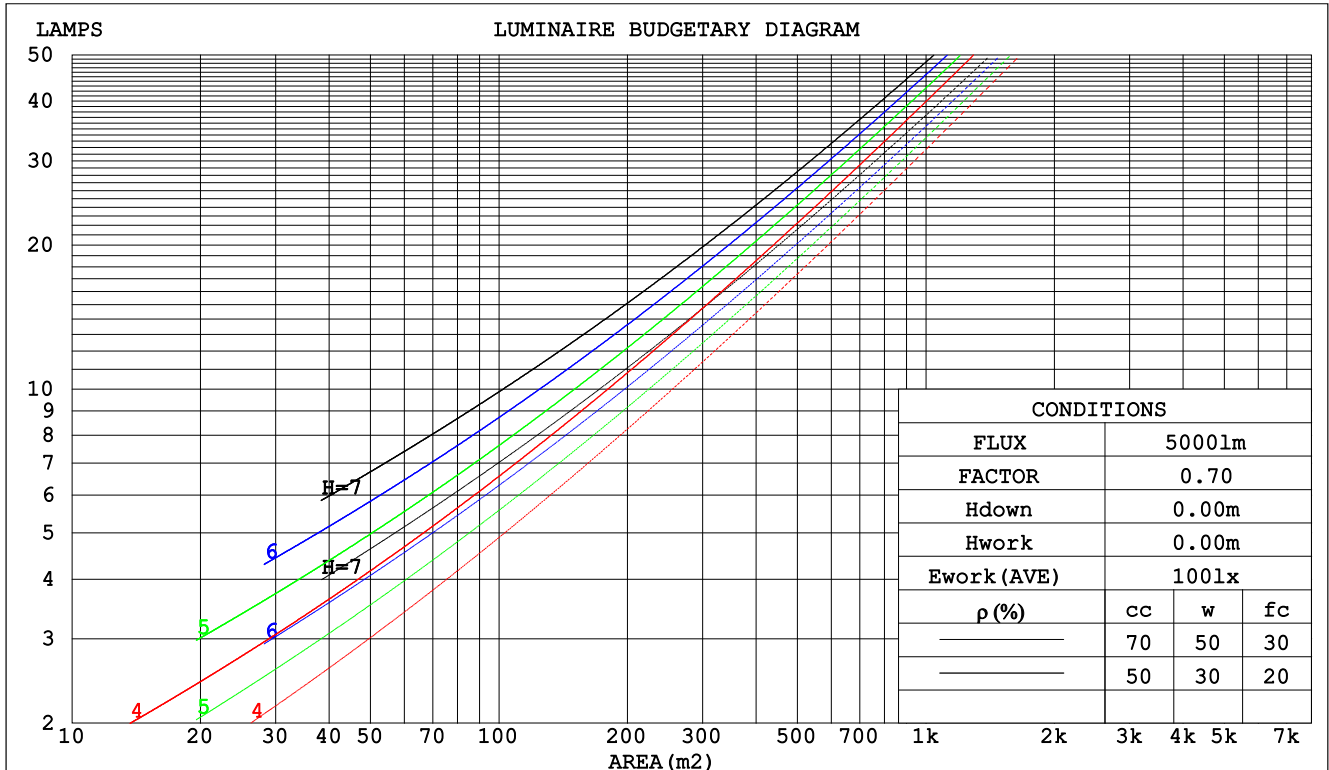
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
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			Coefficients of Utilization(CU)												
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.94	.89	.84	.89	.85	.81	.81	.77	.73	.72	.69	.67	.65	.62	.60	.56
2.0	.80	.73	.66	.76	.69	.63	.69	.63	.58	.62	.57	.53	.55	.51	.48	.45
3.0	.70	.61	.54	.66	.58	.52	.59	.53	.47	.53	.48	.43	.48	.43	.40	.36
4.0	.61	.52	.44	.58	.49	.43	.52	.45	.39	.47	.41	.36	.42	.37	.33	.30
5.0	.54	.45	.38	.51	.43	.36	.46	.39	.34	.42	.36	.31	.37	.32	.28	.25
6.0	.48	.39	.32	.46	.37	.31	.42	.34	.29	.37	.31	.27	.34	.28	.24	.22
7.0	.43	.34	.28	.41	.33	.27	.38	.30	.25	.34	.28	.23	.31	.25	.21	.19
8.0	.39	.31	.25	.38	.29	.24	.34	.27	.22	.31	.25	.21	.28	.23	.19	.17
9.0	.36	.28	.22	.34	.27	.21	.31	.25	.20	.28	.23	.18	.26	.21	.17	.15
10.0	.33	.25	.20	.32	.24	.19	.29	.22	.18	.26	.21	.17	.24	.19	.15	.13



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm					
NAME: SF18-48V-3528-140-3000K			TYPE:硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:20220725
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	.377	.215	.068	.363	.207	.066	.335	.192	.061	.309	.178	.057	.285	.165	.053		
2.0	.329	.180	.055	.315	.174	.053	.290	.161	.050	.267	.150	.047	.245	.139	.044		
3.0	.293	.156	.047	.281	.150	.045	.258	.140	.042	.236	.130	.040	.217	.120	.037		
4.0	.264	.137	.040	.253	.132	.039	.232	.123	.037	.213	.114	.034	.194	.106	.032		
5.0	.240	.122	.035	.230	.118	.034	.211	.110	.032	.193	.102	.030	.177	.094	.028		
6.0	.220	.110	.032	.211	.107	.031	.193	.099	.029	.177	.092	.027	.162	.085	.025		
7.0	.203	.100	.028	.195	.097	.028	.179	.090	.026	.163	.084	.024	.149	.078	.023		
8.0	.188	.092	.026	.181	.089	.025	.166	.083	.024	.152	.077	.022	.139	.071	.021		
9.0	.176	.085	.024	.168	.082	.023	.155	.076	.022	.142	.071	.020	.130	.066	.019		
10.0	.164	.079	.022	.158	.076	.021	.145	.071	.020	.133	.066	.019	.122	.061	.018		

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	.383	.383	.383	.327	.327	.327	.223	.223	.223	.128	.128	.128	.041	.041	.041	
1.0	.379	.350	.323	.324	.300	.278	.222	.207	.192	.128	.120	.112	.041	.038	.036	
2.0	.373	.327	.289	.319	.282	.250	.219	.195	.174	.126	.113	.102	.040	.037	.033	
3.0	.365	.311	.268	.313	.268	.232	.215	.186	.163	.124	.109	.096	.040	.035	.031	
4.0	.358	.299	.254	.307	.258	.220	.211	.180	.155	.122	.105	.092	.039	.034	.030	
5.0	.350	.289	.244	.301	.250	.212	.207	.175	.150	.120	.103	.089	.039	.033	.029	
6.0	.343	.281	.237	.295	.244	.206	.203	.171	.146	.118	.100	.087	.038	.033	.029	
7.0	.336	.275	.232	.289	.238	.202	.200	.167	.143	.116	.098	.085	.038	.032	.028	
8.0	.330	.269	.228	.284	.234	.199	.196	.164	.141	.114	.097	.084	.037	.032	.028	
9.0	.323	.265	.225	.279	.230	.196	.193	.161	.139	.112	.095	.083	.036	.031	.028	
10.0	.318	.261	.223	.274	.226	.194	.190	.159	.138	.111	.094	.082	.036	.031	.027	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm											
NAME: SF18-48V-3528-140-3000K						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:20220725			
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	14.0	15.3	14.6	15.9	16.6	11.3	12.6	11.9	13.2	13.9	
	3H	16.6	17.7	17.2	18.4	19.1	13.0	14.2	13.6	14.8	15.5
	4H	17.9	19.0	18.5	19.7	20.4	13.6	14.8	14.3	15.4	16.2
	6H	19.3	20.4	20.0	21.1	21.9	14.1	15.2	14.8	15.9	16.7
	8H	20.1	21.2	20.8	21.8	22.6	14.3	15.3	15.0	16.0	16.8
	12H	21.1	22.0	21.7	22.7	23.5	14.4	15.4	15.1	16.1	16.9
4H	2H	14.5	15.6	15.1	16.3	17.0	12.6	13.7	13.2	14.4	15.1
	3H	17.3	18.3	18.0	19.0	19.8	14.4	15.4	15.1	16.1	16.9
	4H	18.8	19.7	19.5	20.4	21.3	15.2	16.1	15.9	16.9	17.7
	6H	20.5	21.3	21.2	22.0	22.9	15.9	16.7	16.7	17.5	18.3
	8H	21.4	22.1	22.1	22.9	23.8	16.2	16.9	16.9	17.7	18.6
	12H	22.5	23.1	23.2	23.9	24.8	16.4	17.1	17.1	17.8	18.7
8H	4H	19.1	19.9	19.9	20.6	21.5	16.2	17.0	17.0	17.7	18.6
	6H	21.1	21.7	21.8	22.5	23.4	17.2	17.9	18.0	18.6	19.6
	8H	22.2	22.7	23.0	23.5	24.5	17.7	18.2	18.5	19.0	20.0
	12H	23.5	24.0	24.3	24.8	25.8	18.1	18.5	18.9	19.4	20.3
12H	4H	19.1	19.8	19.9	20.6	21.5	16.5	17.2	17.3	18.0	18.9
	6H	21.1	21.7	21.9	22.5	23.4	17.7	18.3	18.5	19.1	20.0
	8H	22.4	22.9	23.2	23.7	24.6	18.3	18.8	19.1	19.6	20.6
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 660.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

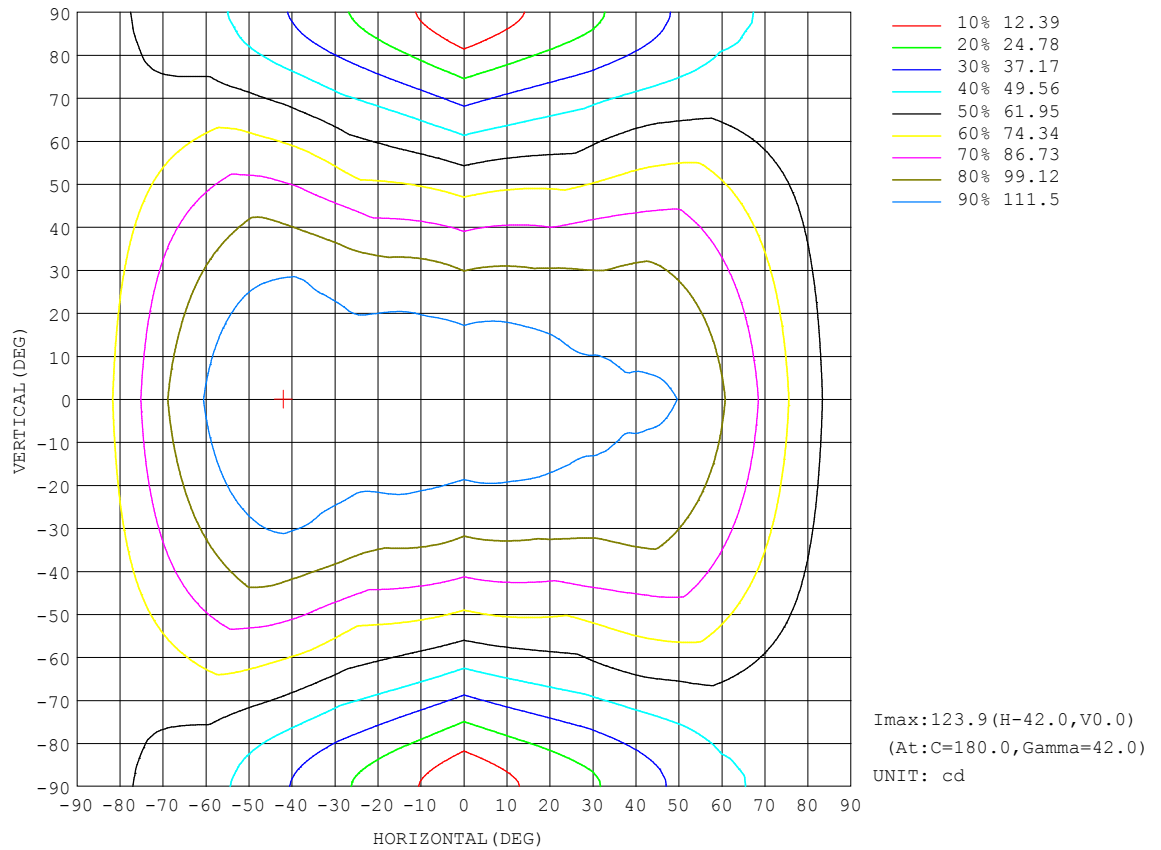
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	25	44	32	25	41	31	24	18
0.80	54	41	33	52	40	32	49	38	31	23
1.00	62	49	40	60	48	40	56	47	38	29
1.25	69	56	47	66	54	46	61	51	44	34
1.50	74	62	53	71	60	52	65	56	49	38
2.00	82	70	62	78	68	60	71	63	57	44
2.50	86	76	68	82	73	66	75	67	61	47
3.00	90	81	73	86	77	71	78	71	66	51
4.00	95	87	80	90	83	77	82	76	71	55
5.00	98	91	85	93	87	82	84	80	75	58
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:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

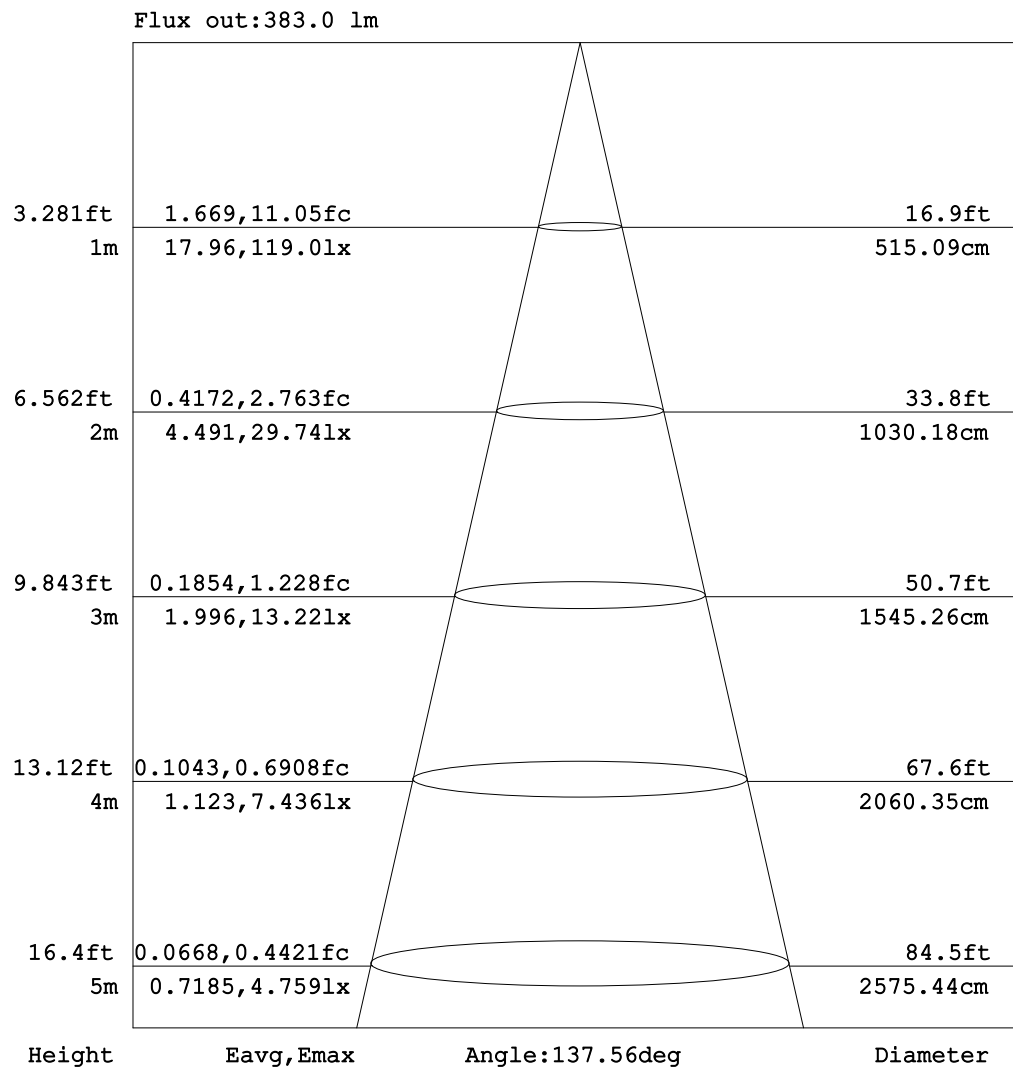


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



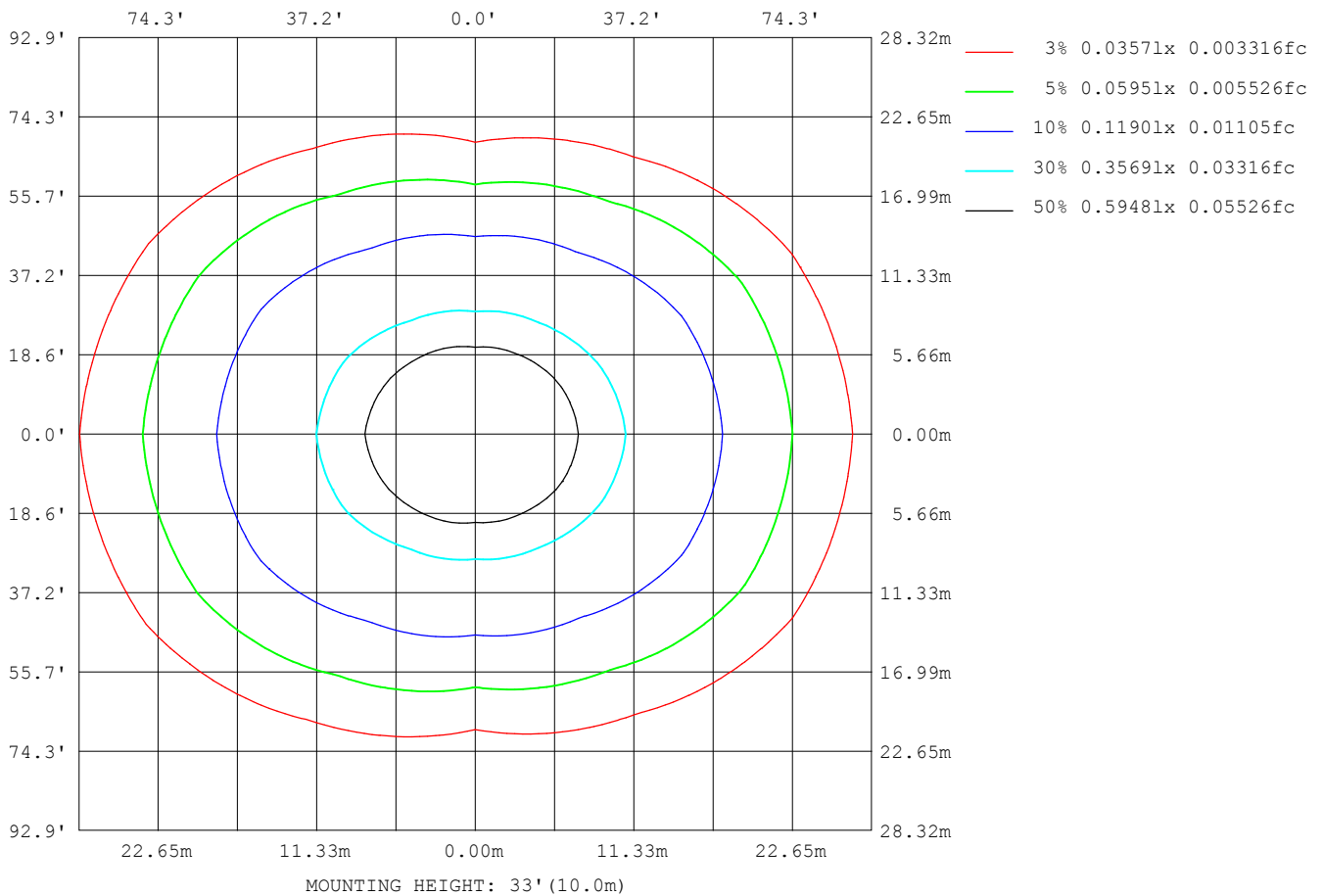
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-07-25

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

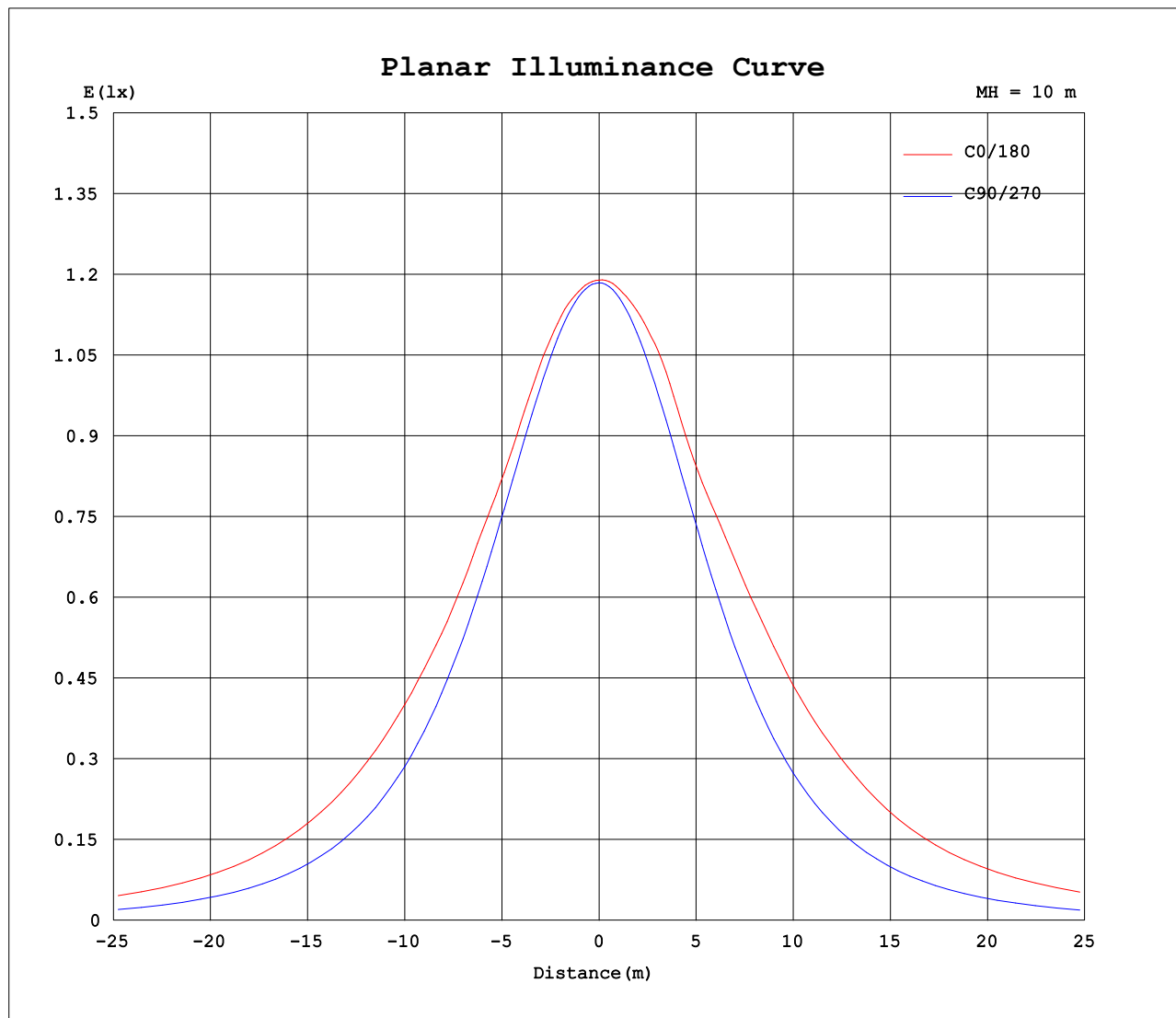
Test:U:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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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: 2022-07-25

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:48.00V I:0.2402A P:11.53W PF:1.000 Lamp Flux:660.647x1 lm		
NAME: SF18-48V-3528-140-3000K	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:20220725
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	119	119	119	118	118	118	119	119	119	118	118	118							
5	119	119	118	118	118	119	119	119	118	118	118	118							
10	119	118	117	116	117	119	120	119	117	116	117	118							
15	118	117	115	114	116	119	120	119	115	113	115	117							
20	117	116	113	110	114	119	120	119	113	109	112	115							
25	115	114	109	106	111	116	118	116	110	104	108	112							
30	115	111	105	101	108	114	119	113	107	98.9	103	109							
35	114	110	100	95.3	103	114	122	113	101	92.4	98.1	108							
40	114	107	94.8	88.5	97.3	114	124	113	94.9	85.3	92.3	105							
45	113	104	88.4	80.9	91.0	114	124	113	88.3	77.5	85.4	103							
50	111	102	81.6	72.7	84.4	112	123	110	81.7	69.3	78.6	100							
55	107	98.5	73.2	63.8	76.7	108	119	106	74.3	60.7	70.4	96.1							
60	100	92.5	65.7	54.5	69.7	103	112	101	67.7	51.9	63.0	90.2							
65	92.3	85.5	58.9	44.8	63.2	95.0	105	93.3	61.8	42.9	56.7	83.3							
70	84.1	77.3	51.6	34.7	55.5	86.2	97.2	84.8	54.9	33.5	50.1	75.4							
75	75.3	67.1	43.1	24.7	47.1	77.2	87.0	76.0	46.9	23.8	42.2	65.8							
80	66.9	57.9	34.4	15.6	38.8	66.9	77.2	66.0	39.0	14.7	33.9	56.9							
85	60.1	50.7	27.1	7.77	31.5	58.6	69.7	57.9	31.6	7.15	26.5	50.0							
90	57.9	47.7	23.4	4.08	27.8	54.6	67.6	54.0	27.3	3.40	22.5	46.9							
95	59.9	49.6	23.3	3.97	26.8	55.5	69.0	54.9	26.5	3.31	22.2	48.9							
100	61.1	51.3	19.8	3.84	25.8	57.7	68.3	57.4	25.5	3.24	19.0	50.5							
105	60.9	48.1	17.8	3.75	25.3	58.6	67.5	58.3	24.9	3.22	17.7	44.2							
110	56.8	43.5	17.4	3.69	25.4	56.8	67.5	56.5	24.9	3.22	17.6	42.6							
115	53.6	40.6	17.9	3.60	24.9	52.5	64.8	52.0	24.7	3.21	17.5	41.8							
120	49.8	36.1	17.2	3.52	23.1	47.8	59.4	47.4	23.0	3.21	16.3	38.1							
125	45.2	33.0	14.9	3.41	20.8	43.7	53.6	43.4	20.8	3.16	14.4	33.8							
130	39.7	29.5	12.3	3.31	17.9	39.4	48.0	39.1	18.0	3.15	12.2	30.0							
135	34.4	25.1	10.0	3.21	15.3	34.5	42.1	34.2	15.4	3.16	10.2	24.7							
140	29.3	20.0	8.47	3.12	12.9	29.1	35.6	28.7	12.9	3.17	8.43	18.7							
145	24.0	15.4	7.05	3.09	10.8	23.2	28.9	23.0	10.8	3.16	6.99	14.4							
150	18.4	11.9	5.71	3.10	8.50	18.4	22.1	18.2	8.46	3.13	5.74	11.4							
155	14.4	9.26	4.72	3.14	6.77	14.4	17.0	14.0	6.67	3.13	4.65	8.84							
160	11.3	6.70	4.09	3.19	5.60	10.7	12.8	10.2	5.40	3.15	3.99	6.53							
165	7.24	4.64	3.62	3.28	4.62	7.24	7.93	6.92	4.47	3.17	3.53	4.61							
170	3.89	3.74	3.50	3.34	4.12	5.13	4.04	4.98	3.96	3.25	3.37	3.80							
175	3.42	3.42	3.34	3.39	3.95	4.09	3.44	4.06	3.83	3.33	3.29	3.49							
180	3.27	3.52	3.41	3.41	3.50	3.53	3.28	3.54	3.45	3.36	3.45	3.52							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

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	119.0	118.8	118.6	118.4	118.4	118.4	119.0	118.8	118.6	118.4
3.0	118.9	118.7	118.5	118.3	118.4	118.6	119.2	118.9	118.5	118.2
6.0	118.8	118.6	118.1	117.8	118.1	118.5	119.2	118.9	118.2	117.5
9.0	118.8	118.4	117.5	116.8	117.6	118.5	119.5	118.8	117.5	116.5
12.0	118.5	118.2	116.5	115.6	116.6	118.6	119.9	118.8	116.4	114.9
15.0	118.1	117.3	115.4	114.0	115.6	118.7	120.4	118.8	115.3	113.0
18.0	117.3	116.6	114.1	112.0	114.4	119.0	120.8	118.8	113.9	110.8
21.0	116.3	115.3	112.1	109.8	113.1	118.5	119.7	118.1	112.3	108.3
24.0	115.0	114.0	110.0	107.3	111.9	116.8	118.4	116.4	110.8	105.4
27.0	114.6	112.3	107.8	104.4	110.5	114.9	118.0	114.4	109.0	102.3
30.0	114.9	110.9	105.2	101.3	108.5	113.8	119.2	113.1	107.0	98.88
33.0	114.6	110.2	102.3	97.82	105.6	113.8	120.9	113.0	103.8	95.10
36.0	113.9	109.2	99.41	93.97	102.2	114.4	122.0	113.4	100.2	91.05
39.0	113.6	107.2	96.09	89.96	98.53	114.4	123.2	113.3	96.30	86.71
42.0	113.9	105.6	92.28	85.70	94.80	114.3	123.9	112.8	92.21	82.17
45.0	113.5	104.5	88.39	80.92	91.04	114.3	123.5	112.7	88.29	77.53
48.0	112.4	103.4	84.44	76.17	87.23	113.1	123.5	111.1	84.44	72.62
51.0	110.7	101.8	79.99	71.02	82.89	111.3	122.9	109.2	80.29	67.58
54.0	108.3	99.47	74.78	65.67	78.25	109.2	120.5	107.1	75.76	62.45
57.0	104.8	96.04	70.05	60.18	73.71	106.4	116.7	104.4	71.48	57.20
60.0	100.4	92.50	65.70	54.52	69.66	102.8	112.4	101.0	67.72	51.88
63.0	95.56	88.48	61.64	48.72	65.85	98.14	107.8	96.30	64.21	46.60
66.0	90.69	83.85	57.56	42.81	61.82	93.25	103.5	91.58	60.58	41.12
69.0	85.89	78.99	53.15	36.75	57.10	87.95	98.93	86.62	56.34	35.43
72.0	80.71	73.51	48.27	30.71	52.19	82.84	93.31	81.46	51.73	29.71
75.0	75.35	67.13	43.06	24.74	47.13	77.23	87.04	76.05	46.89	23.84
78.0	70.16	61.61	37.82	19.18	42.12	70.82	80.95	70.09	42.16	18.16
81.0	65.34	56.16	32.86	13.73	37.22	65.02	75.50	64.13	37.42	13.12
84.0	61.17	51.97	28.38	9.114	32.73	60.01	70.86	59.28	32.91	8.476
87.0	58.92	48.85	24.87	5.708	29.26	56.50	68.25	55.91	29.33	5.025
90.0	57.88	47.70	23.35	4.076	27.77	54.57	67.60	54.00	27.31	3.395
93.0	59.12	48.68	23.42	4.050	27.11	54.89	68.61	54.24	26.89	3.337
96.0	60.10	50.11	22.44	3.935	26.65	55.91	68.93	55.39	26.27	3.307
99.0	60.81	51.45	20.35	3.850	26.03	57.32	68.45	56.88	25.75	3.252
102.0	61.48	50.67	18.71	3.804	25.58	58.35	67.93	58.01	25.17	3.232
105.0	60.91	48.12	17.78	3.749	25.29	58.65	67.47	58.29	24.87	3.225
108.0	58.03	45.47	17.41	3.729	25.33	57.98	67.64	57.60	24.82	3.220
111.0	56.23	42.73	17.61	3.674	25.36	56.12	67.18	55.72	24.97	3.216
114.0	54.24	41.29	18.20	3.618	25.16	53.50	65.69	53.00	24.91	3.213
117.0	52.17	39.20	17.71	3.568	24.32	50.27	62.66	50.06	24.13	3.210
120.0	49.77	36.10	17.21	3.518	23.08	47.80	59.40	47.39	22.99	3.206
123.0	47.10	34.45	15.86	3.453	21.83	45.47	55.80	45.19	21.76	3.176
126.0	44.17	32.32	14.39	3.397	20.19	42.96	52.57	42.67	20.19	3.146
129.0	40.83	29.90	12.80	3.327	18.48	40.30	49.14	39.96	18.56	3.150
132.0	37.51	28.08	11.48	3.262	16.84	37.44	45.60	37.17	16.96	3.154
135.0	34.40	25.09	10.05	3.211	15.30	34.45	42.06	34.17	15.38	3.158
138.0	31.35	22.08	9.105	3.166	13.81	31.22	38.24	30.76	13.82	3.171
141.0	28.10	18.88	8.156	3.101	12.50	27.89	34.36	27.51	12.44	3.169
144.0	25.00	16.18	7.291	3.092	11.27	24.37	30.38	24.06	11.21	3.165
147.0	21.14	13.74	6.606	3.094	9.830	21.09	26.09	20.83	9.830	3.161
150.0	18.42	11.86	5.707	3.095	8.497	18.36	22.07	18.16	8.463	3.131
153.0	16.22	10.07	5.008	3.111	7.337	15.89	18.86	15.61	7.248	3.116
156.0	13.59	8.842	4.570	3.146	6.536	13.72	16.07	13.23	6.425	3.130
159.0	12.01	7.312	4.193	3.186	5.832	11.50	13.50	10.99	5.646	3.143
162.0	9.641	5.731	3.871	3.227	5.204	9.185	10.90	8.827	5.014	3.157
165.0	7.236	4.637	3.619	3.277	4.621	7.243	7.928	6.915	4.471	3.166
168.0	5.358	4.009	3.569	3.317	4.253	5.852	6.155	5.687	4.091	3.231
171.0	3.741	3.643	3.458	3.352	4.066	4.772	3.873	4.661	3.910	3.262
174.0	3.479	3.487	3.368	3.377	3.981	4.156	3.507	4.112	3.854	3.327
177.0	3.343	3.352	3.292	3.407	3.835	3.985	3.407	3.971	3.738	3.337
180.0	3.267	3.518	3.412	3.412	3.498	3.533	3.277	3.543	3.453	3.357
G/C	300.0	330.0								
0.0	118.4	118.4								
3.0	118.2	118.3								
6.0	117.7	118.1								
9.0	116.9	117.8								
12.0	115.9	117.5								
15.0	114.7	116.5								
18.0	113.1	115.7								
21.0	111.0	114.2								
24.0	108.6	112.8								
27.0	106.2	110.9								
30.0	103.4	109.4								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-07-25

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:

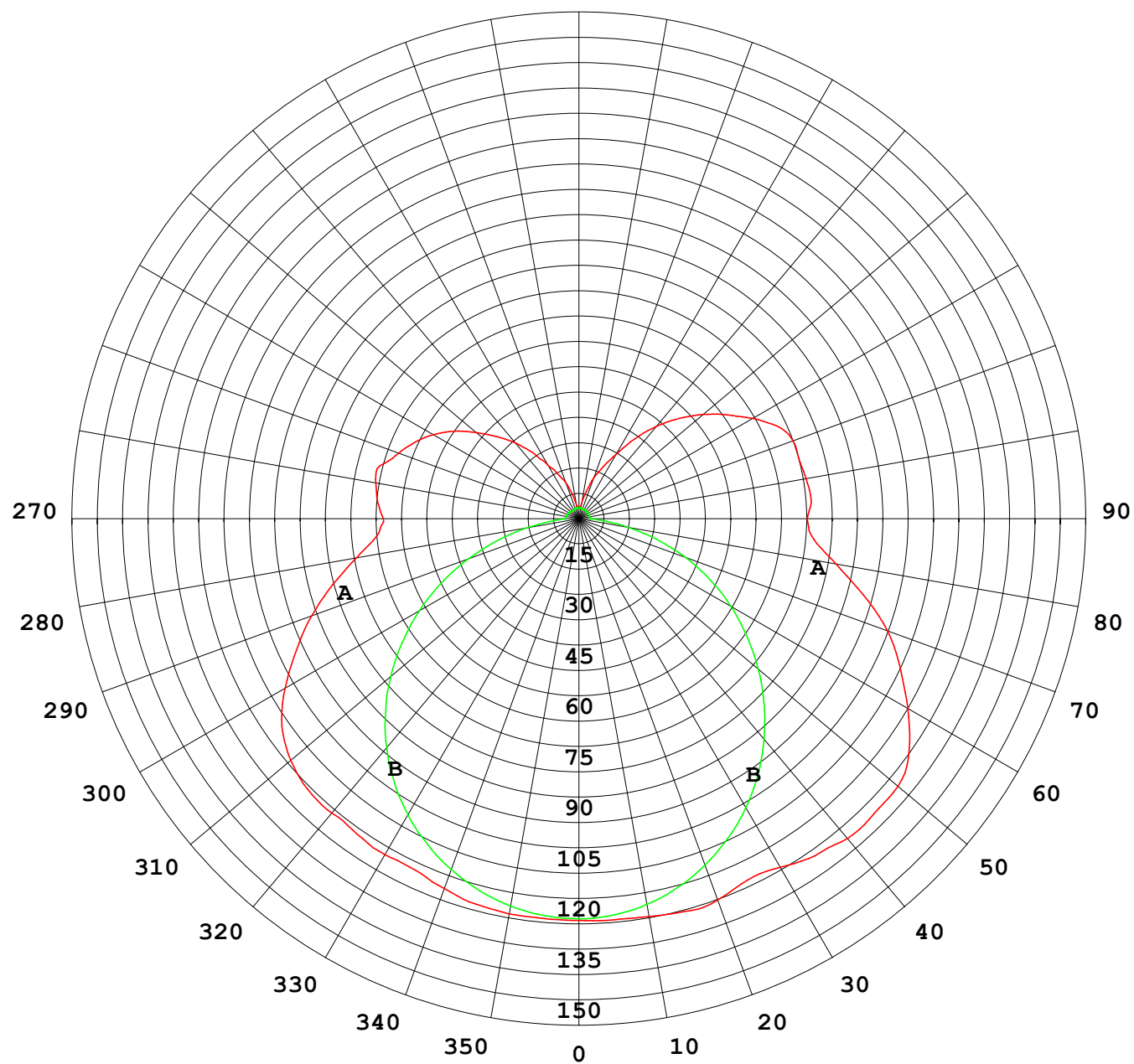
Photometric Data Table [cd]

33.0	100.3	108.7
36.0	97.04	107.5
39.0	93.62	105.5
42.0	89.54	103.7
45.0	85.44	102.6
48.0	81.47	101.3
51.0	77.09	99.44
54.0	72.01	97.09
57.0	67.29	93.87
60.0	63.00	90.24
63.0	59.12	86.30
66.0	55.49	81.71
69.0	51.50	77.09
72.0	47.07	71.92
75.0	42.19	65.81
78.0	37.16	60.27
81.0	32.29	55.37
84.0	27.79	51.10
87.0	24.28	48.07
90.0	22.49	46.88
93.0	22.63	47.86
96.0	21.44	49.34
99.0	19.42	50.51
102.0	17.31	50.00
105.0	17.66	44.21
108.0	17.33	43.72
111.0	17.91	42.01
114.0	17.36	42.05
117.0	17.53	40.36
120.0	16.31	38.06
123.0	15.36	35.20
126.0	14.02	33.04
129.0	12.60	30.94
132.0	11.32	28.00
135.0	10.17	24.73
138.0	9.118	21.31
141.0	8.128	17.87
144.0	7.259	15.29
147.0	6.596	13.17
150.0	5.736	11.38
153.0	4.943	9.710
156.0	4.507	8.472
159.0	4.120	7.051
162.0	3.733	5.643
165.0	3.533	4.611
168.0	3.492	4.037
171.0	3.337	3.715
174.0	3.300	3.523
177.0	3.267	3.423
180.0	3.448	3.523

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-07-25

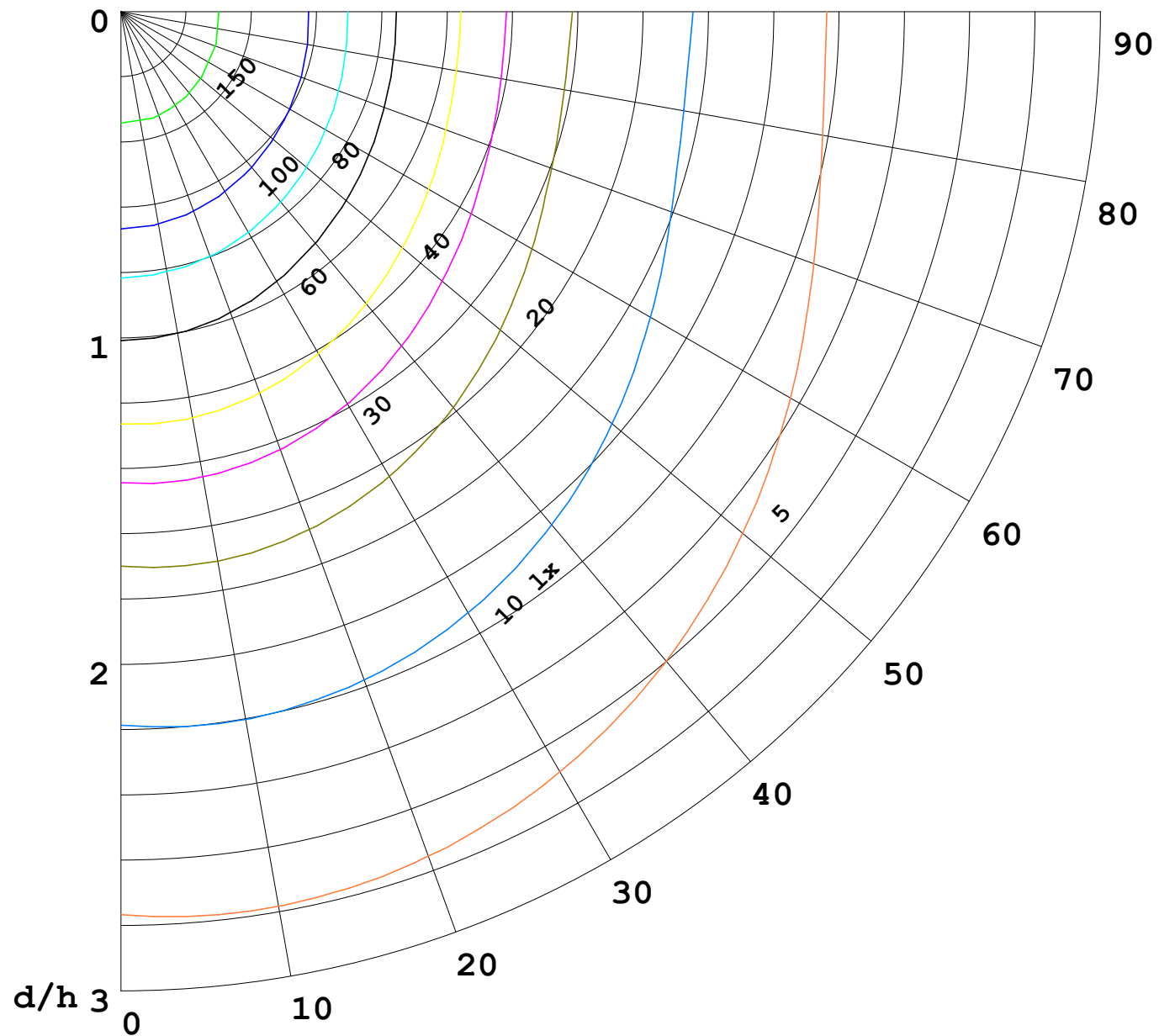
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

