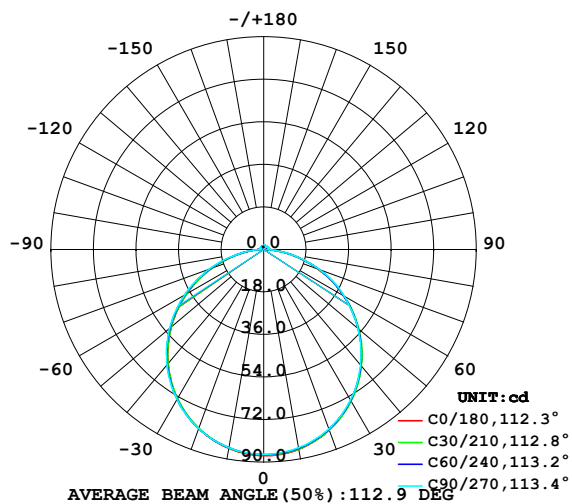


LUMINAIRE PHOTOMETRIC TEST REPORT

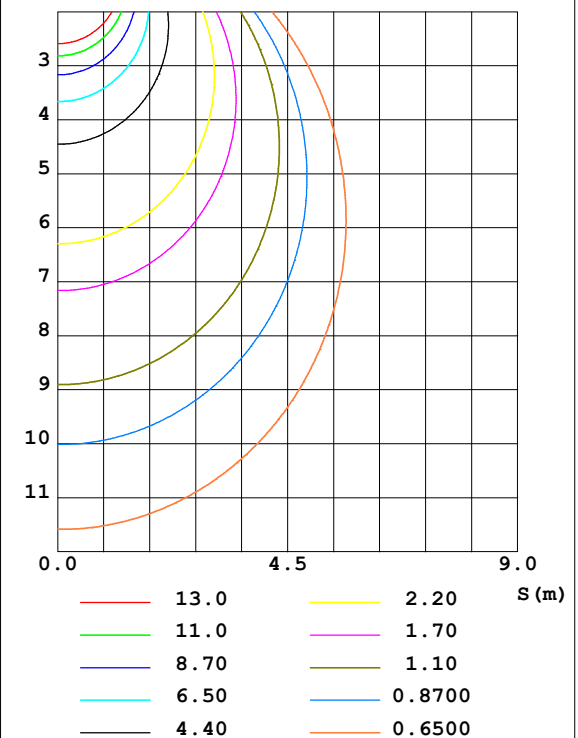
Test:U:24.00V I:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.53 lm/W			
MODEL	3528	I _{max} (cd)	87.22	S/MH (C0/180)	1.26
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	259.41	η UP, DN (C0-180)	1.9, 48.4
NOMINAL FLUX (lm)	259.397	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.1
LAMPS INSIDE	1	η up (%)	3.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



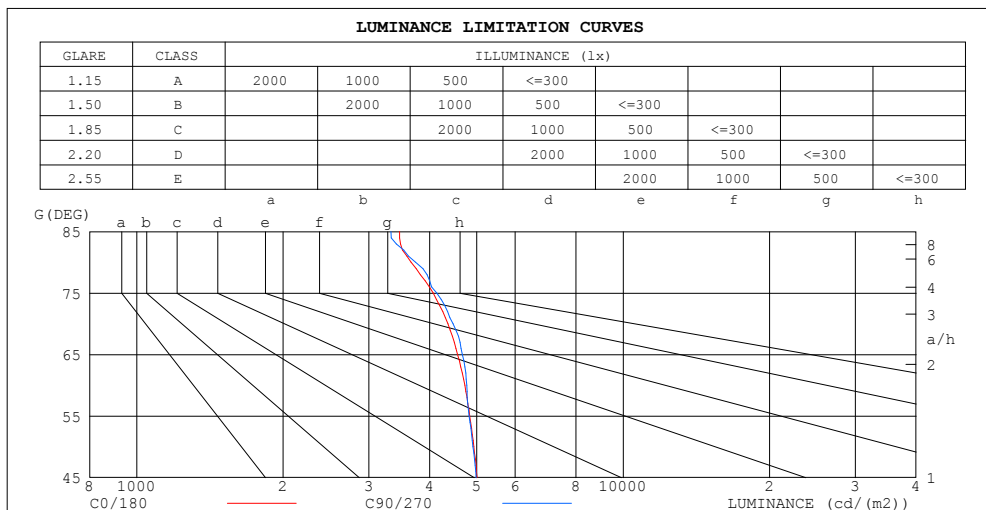
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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	85.83	85.53	85.19	84.81	85.44	85.22	85.17	85.07	0- 10	8.211	8.211	3.17,3.17
20	81.27	81.08	80.77	80.21	80.62	80.52	80.60	80.58	10- 20	23.52	31.73	12.2,12.2
30	73.90	73.83	73.56	72.80	73.02	73.10	73.35	73.31	20- 30	35.64	67.36	26,26
40	64.14	64.18	63.81	62.97	62.99	63.26	63.69	63.65	30- 40	42.98	110.3	42.5,42.5
50	52.35	52.46	52.10	51.22	51.07	51.46	51.99	52.06	40- 50	44.67	155.0	59.8,59.8
60	38.98	39.18	39.34	37.93	37.70	38.10	38.68	38.79	50- 60	40.52	195.5	75.4,75.4
70	24.61	25.07	25.21	23.65	23.42	23.81	24.68	24.57	60- 70	31.20	226.7	87.4,87.4
80	10.50	10.71	10.73	9.752	9.536	9.765	10.42	10.37	70- 80	18.09	244.8	94.4,94.4
90	1.804	1.973	2.131	1.980	1.675	1.729	1.710	1.461	80- 90	5.551	250.4	96.5,96.5
100	0.9374	1.525	2.060	1.576	0.9243	1.307	1.708	1.027	90-100	1.568	251.9	97.1,97.1
110	1.040	1.576	1.980	1.542	0.9139	1.273	1.679	1.070	100-110	1.456	253.4	97.7,97.7
120	1.171	1.588	1.915	1.525	0.9550	1.276	1.568	1.116	110-120	1.372	254.8	98.2,98.2
130	1.311	1.576	1.764	1.542	1.091	1.299	1.507	1.186	120-130	1.250	256.0	98.7,98.7
140	1.412	1.571	1.666	1.564	1.272	1.375	1.511	1.287	130-140	1.106	257.1	99.1,99.1
150	1.527	1.608	1.656	1.602	1.433	1.470	1.515	1.407	140-150	0.9352	258.1	99.5,99.5
160	1.623	1.652	1.709	1.663	1.588	1.573	1.543	1.540	150-160	0.7232	258.8	99.8,99.8
170	1.724	1.716	1.738	1.724	1.714	1.678	1.643	1.664	160-170	0.4673	259.2	99.9,99.9
180	1.739	1.736	1.729	1.746	1.729	1.734	1.729	1.734	170-180	0.1638	259.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3468	3332
80	3666	3744
75	4066	4137
70	4360	4466
65	4568	4672
60	4725	4769
55	4839	4824
50	4936	4912
45	5011	4986

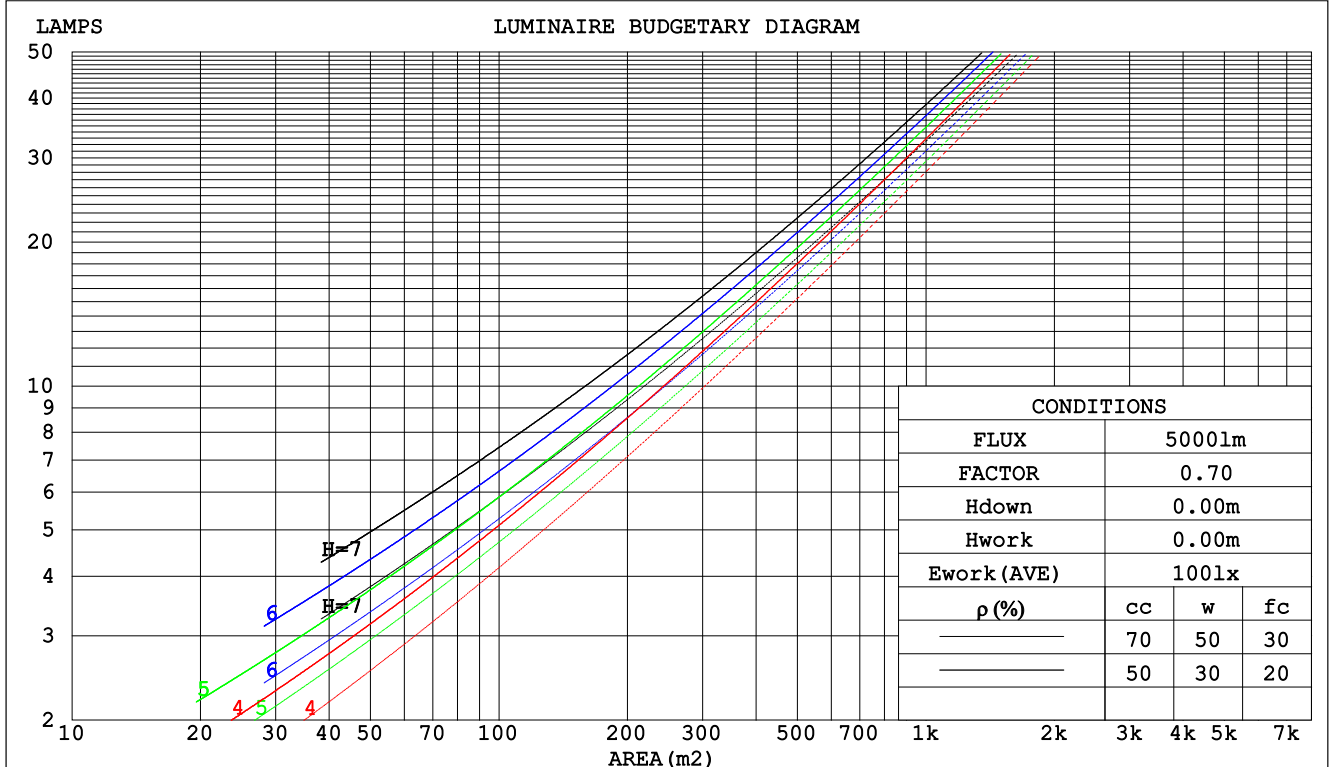
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
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	.89	.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	.48	.43	.38	.36
7.0	.50	.42	.36	.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:2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm					
NAME: SF16-24V-3528-120-G			TYPE: 硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022032301
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	.262	.152	.049		
2.0	.293	.160	.049	.286	.157	.048	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.270	.144	.043	.264	.141	.043	.252	.137	.041	.241	.132	.040	.230	.128	.039		
4.0	.249	.129	.038	.243	.127	.038	.233	.123	.037	.223	.120	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.192	.100	.029	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.187	.094	.027	.179	.092	.027	.172	.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	.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	.217	.217	.217	.185	.185	.185	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.207	.183	.161	.177	.157	.138	.121	.108	.096	.070	.062	.056	.022	.020	.018	
2.0	.199	.159	.125	.171	.137	.108	.117	.095	.075	.067	.055	.044	.022	.018	.014	
3.0	.192	.141	.101	.164	.122	.088	.113	.085	.062	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.086	.158	.111	.074	.109	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.102	.065	.105	.071	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.097	.056	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.150	.092	.053	.129	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.145	.088	.050	.125	.076	.044	.086	.054	.031	.050	.032	.019	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm										
NAME: SF16-24V-3528-120-G					TYPE:硅胶			WEIGHT:		
DIM.: 16.5mm*16.5mm					SPEC.:			SERIAL No.:2022032301		
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	18.2	19.7	18.5	20.0	20.2	18.2	19.7	18.5	20.0	20.2
3H	19.8	21.1	20.1	21.4	21.7	19.8	21.2	20.2	21.5	21.8
4H	20.4	21.7	20.8	22.0	22.3	20.5	21.8	20.8	22.1	22.4
6H	20.8	22.1	21.2	22.4	22.7	20.9	22.1	21.3	22.5	22.8
8H	21.0	22.2	21.4	22.5	22.9	21.0	22.2	21.4	22.6	22.9
12H	21.1	22.2	21.5	22.6	22.9	21.1	22.3	21.5	22.6	23.0
4H 2H	18.9	20.1	19.2	20.5	20.8	18.8	20.1	19.2	20.5	20.8
3H	20.6	21.7	21.0	22.1	22.5	20.6	21.8	21.0	22.1	22.5
4H	21.3	22.4	21.8	22.8	23.2	21.4	22.4	21.8	22.8	23.2
6H	21.9	22.8	22.4	23.2	23.7	22.0	22.9	22.4	23.3	23.7
8H	22.1	23.0	22.6	23.4	23.8	22.1	23.0	22.6	23.4	23.9
12H	22.2	23.0	22.7	23.5	24.0	22.3	23.1	22.8	23.5	24.0
8H 4H	21.6	22.5	22.1	22.9	23.4	21.6	22.5	22.1	22.9	23.4
6H	22.3	23.0	22.8	23.5	24.0	22.4	23.1	22.9	23.5	24.0
8H	22.6	23.2	23.1	23.7	24.3	22.6	23.3	23.2	23.8	24.3
12H	22.9	23.4	23.4	23.9	24.5	22.9	23.4	23.4	23.9	24.5
12H 4H	21.6	22.4	22.1	22.9	23.3	21.7	22.4	22.1	22.9	23.4
6H	22.4	23.0	22.9	23.5	24.0	22.4	23.1	22.9	23.5	24.1
8H	22.7	23.3	23.2	23.8	24.3	22.7	23.3	23.3	23.8	24.3
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 259.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -4.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

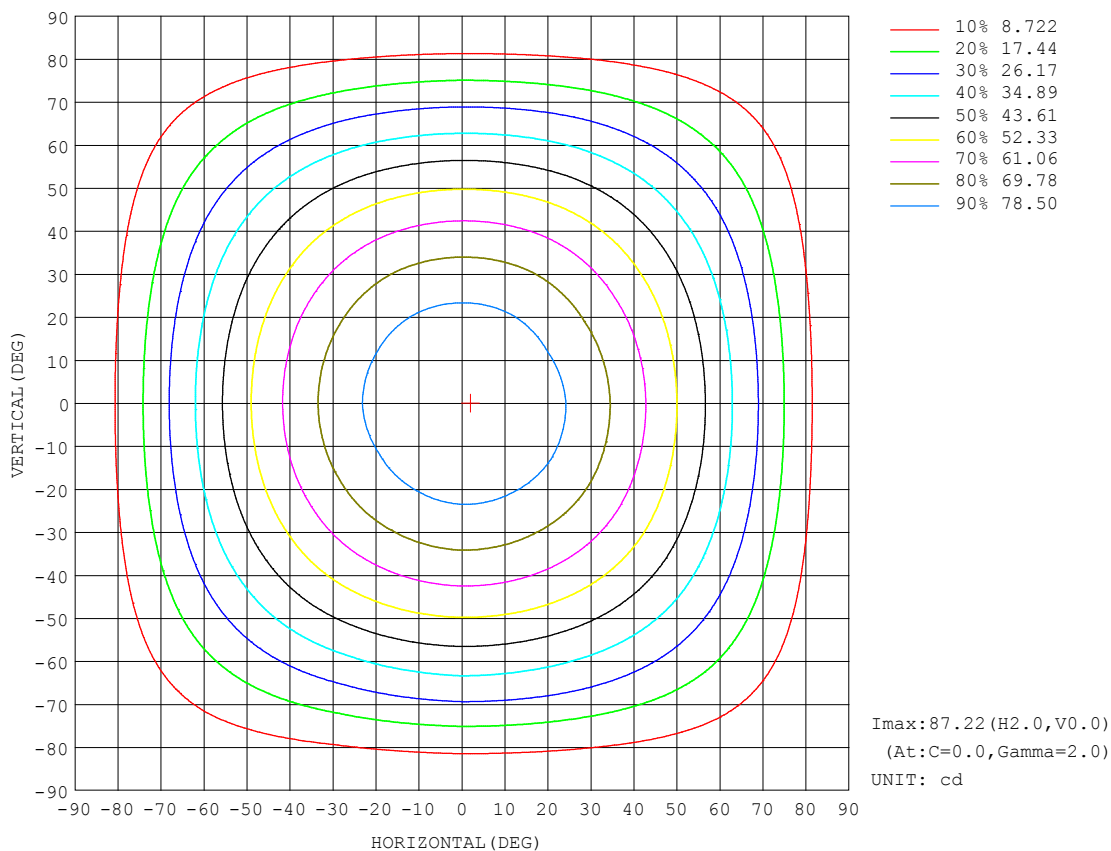
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	75	69	81	73	67	59
2.00	94	85	78	91	83	77	88	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	107	102	98	105	100	96	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:2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

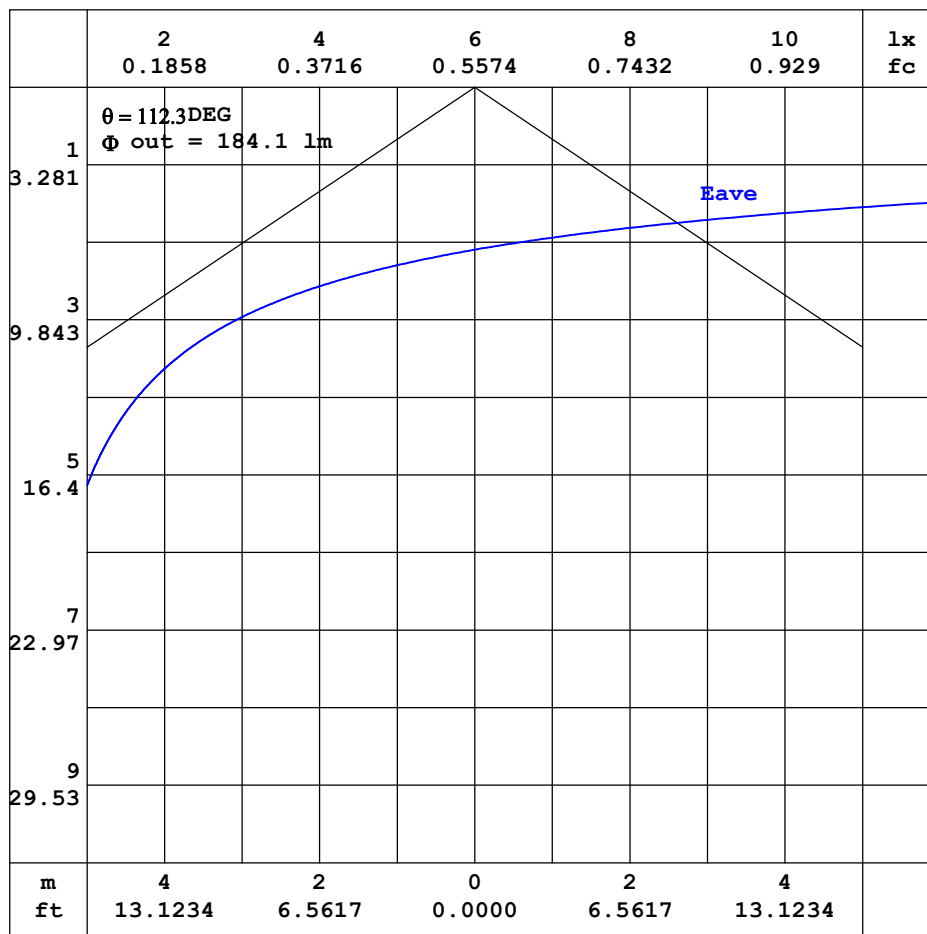


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



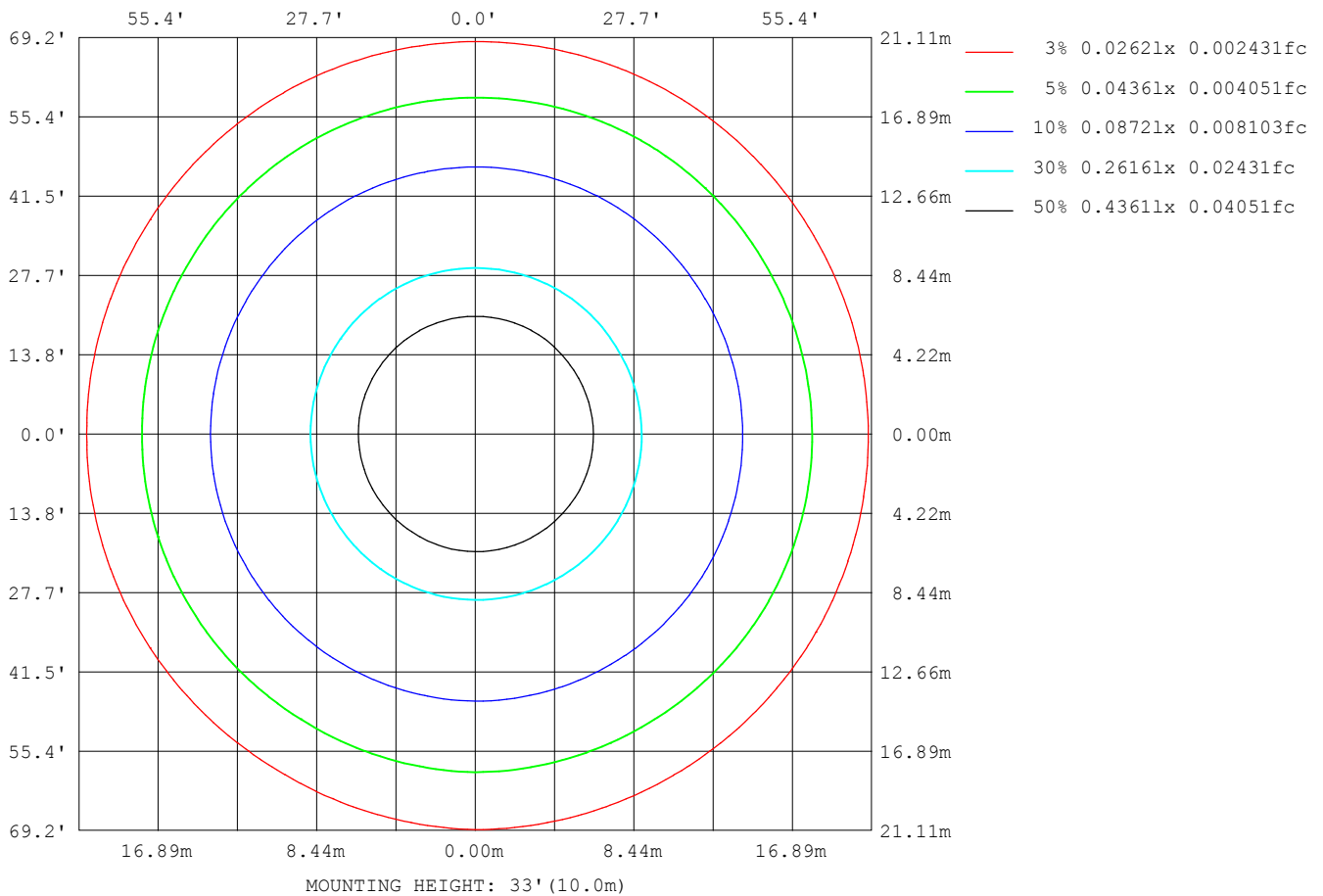
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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

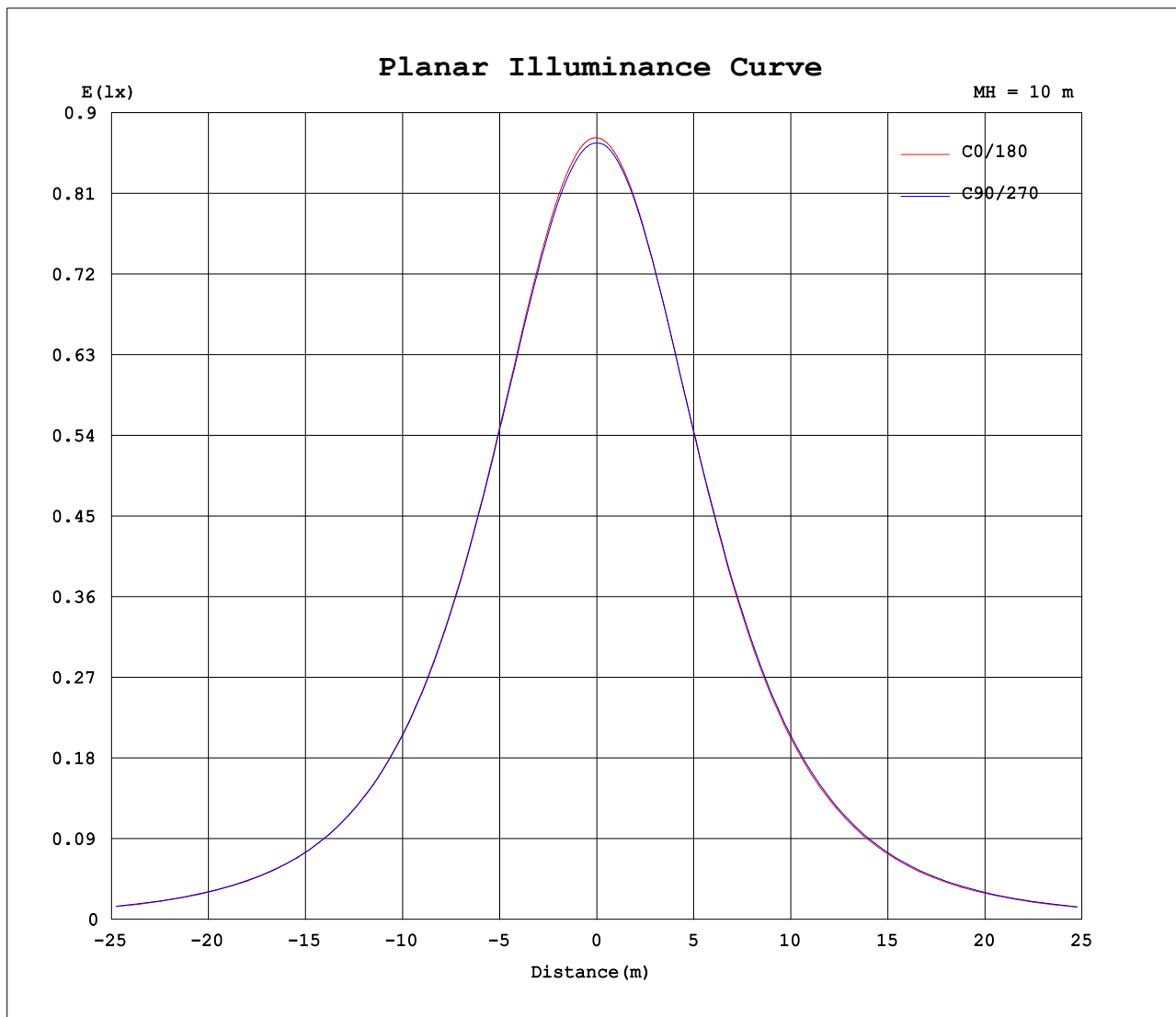
Test:U:24.00V I:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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: 2022-03-23

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:0.3926A P:9.422W PF:1.000 Lamp Flux:259.397x1 lm		
NAME: SF16-24V-3528-120-G	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
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	87.2	87.0	86.8	86.6	86.5	86.4	87.2	87.0	86.8	86.6	86.5	86.4						
5	87.0	86.7	86.5	86.3	86.1	85.9	86.7	86.5	86.4	86.3	86.2	86.1						
10	85.8	85.7	85.4	85.2	84.9	84.7	85.4	85.2	85.2	85.2	85.1	85.0						
15	83.9	83.8	83.5	83.3	83.0	82.8	83.4	83.2	83.3	83.3	83.3	83.1						
20	81.3	81.2	80.9	80.8	80.3	80.1	80.6	80.4	80.6	80.6	80.7	80.5						
25	77.9	78.0	77.6	77.5	76.9	76.8	77.1	77.0	77.3	77.3	77.4	77.1						
30	73.9	74.0	73.7	73.6	72.9	72.7	73.0	72.9	73.3	73.4	73.5	73.1						
35	69.3	69.5	69.1	68.9	68.3	68.0	68.3	68.2	68.6	68.8	69.0	68.6						
40	64.1	64.3	64.0	63.8	63.2	62.8	63.0	63.1	63.5	63.7	63.8	63.5						
45	58.5	58.7	58.4	58.2	57.5	57.1	57.2	57.3	57.8	58.1	58.2	58.0						
50	52.3	52.6	52.3	52.1	51.4	51.0	51.1	51.2	51.7	52.0	52.2	51.9						
55	45.8	46.2	45.8	45.7	44.9	44.6	44.6	44.7	45.2	45.5	45.8	45.5						
60	39.0	39.3	39.0	39.3	38.1	37.8	37.7	37.8	38.4	38.7	39.0	38.6						
65	31.9	32.2	32.3	32.6	31.0	30.7	30.6	30.8	31.4	31.6	31.9	31.6						
70	24.6	24.9	25.2	25.2	23.7	23.6	23.4	23.5	24.1	24.7	24.7	24.4						
75	17.4	17.8	17.6	17.7	16.5	16.4	16.2	16.4	16.8	17.5	17.5	17.2						
80	10.5	10.8	10.6	10.7	9.72	9.78	9.54	9.64	9.89	10.4	10.4	10.3						
85	4.99	5.27	4.75	4.79	4.25	4.65	4.50	4.42	4.29	4.41	4.51	4.67						
90	1.80	1.96	1.98	2.13	1.98	1.98	1.68	1.78	1.68	1.71	1.45	1.48						
95	0.93	1.22	1.78	2.08	1.80	1.44	0.93	1.23	1.45	1.71	1.25	0.74						
100	0.94	1.26	1.79	2.06	1.75	1.40	0.92	1.19	1.43	1.71	1.30	0.75						
105	0.98	1.30	1.81	2.04	1.71	1.39	0.92	1.15	1.43	1.71	1.31	0.76						
110	1.04	1.34	1.82	1.98	1.70	1.38	0.91	1.12	1.43	1.68	1.32	0.82						
115	1.11	1.37	1.81	1.97	1.68	1.38	0.91	1.13	1.42	1.62	1.31	0.86						
120	1.17	1.39	1.78	1.91	1.66	1.39	0.95	1.13	1.42	1.57	1.31	0.92						
125	1.25	1.42	1.74	1.84	1.65	1.41	1.02	1.13	1.43	1.51	1.32	1.00						
130	1.31	1.45	1.70	1.76	1.64	1.44	1.09	1.16	1.44	1.51	1.34	1.04						
135	1.36	1.47	1.66	1.70	1.62	1.48	1.18	1.23	1.45	1.51	1.36	1.10						
140	1.41	1.51	1.63	1.67	1.61	1.52	1.27	1.28	1.47	1.51	1.39	1.19						
145	1.48	1.54	1.63	1.66	1.61	1.57	1.35	1.34	1.50	1.51	1.43	1.27						
150	1.53	1.59	1.63	1.66	1.61	1.59	1.43	1.41	1.53	1.52	1.46	1.35						
155	1.57	1.62	1.63	1.67	1.61	1.64	1.52	1.48	1.56	1.52	1.51	1.42						
160	1.62	1.66	1.64	1.71	1.64	1.69	1.59	1.54	1.60	1.54	1.58	1.50						
165	1.66	1.71	1.66	1.73	1.67	1.72	1.65	1.60	1.66	1.59	1.63	1.56						
170	1.72	1.74	1.69	1.74	1.70	1.74	1.71	1.66	1.70	1.64	1.69	1.64						
175	1.74	1.74	1.73	1.74	1.73	1.75	1.73	1.69	1.73	1.69	1.73	1.67						
180	1.74	1.74	1.73	1.73	1.74	1.75	1.73	1.73	1.74	1.73	1.74	1.73						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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	87.22	86.97	86.79	86.65	86.50	86.40	87.22	86.97	86.79	86.65
3.0	87.18	86.89	86.73	86.52	86.39	86.22	87.02	86.82	86.63	86.56
6.0	86.80	86.55	86.34	86.14	85.94	85.76	86.54	86.33	86.20	86.15
9.0	86.11	85.92	85.68	85.47	85.21	85.03	85.77	85.57	85.50	85.46
12.0	85.15	85.01	84.73	84.55	84.21	84.07	84.72	84.51	84.51	84.49
15.0	83.92	83.83	83.54	83.35	82.96	82.82	83.41	83.20	83.29	83.26
18.0	82.41	82.40	82.06	81.87	81.44	81.27	81.81	81.63	81.77	81.77
21.0	80.65	80.65	80.31	80.18	79.64	79.50	79.98	79.80	80.00	80.01
24.0	78.64	78.73	78.32	78.19	77.62	77.46	77.89	77.74	78.00	78.03
27.0	76.38	76.50	76.12	75.99	75.38	75.14	75.56	75.45	75.74	75.81
30.0	73.90	73.99	73.66	73.56	72.89	72.70	73.02	72.92	73.28	73.35
33.0	71.18	71.40	70.98	70.89	70.18	69.95	70.25	70.15	70.58	70.65
36.0	68.28	68.49	68.11	67.95	67.29	66.93	67.22	67.23	67.63	67.80
39.0	65.23	65.36	65.07	64.87	64.25	63.85	64.07	64.13	64.55	64.75
42.0	61.92	62.17	61.82	61.63	60.96	60.57	60.73	60.80	61.27	61.48
45.0	58.46	58.74	58.37	58.18	57.52	57.11	57.24	57.34	57.83	58.09
48.0	54.84	55.13	54.78	54.61	53.89	53.52	53.58	53.69	54.22	54.47
51.0	51.05	51.41	51.02	50.86	50.13	49.76	49.82	49.92	50.48	50.72
54.0	47.13	47.41	47.14	46.98	46.22	45.88	45.88	46.03	46.58	46.87
57.0	43.09	43.44	43.13	43.04	42.21	41.88	41.87	41.98	42.59	42.84
60.0	38.98	39.33	39.03	39.34	38.10	37.76	37.70	37.76	38.45	38.68
63.0	34.74	35.16	35.10	35.43	33.87	33.56	33.47	33.62	34.22	34.50
66.0	30.43	30.82	30.90	31.17	29.57	29.30	29.20	29.33	29.93	30.16
69.0	26.08	26.47	26.77	26.80	25.22	24.98	24.83	24.98	25.57	25.98
72.0	21.70	22.18	22.27	22.20	20.86	20.65	20.49	20.66	21.18	21.93
75.0	17.37	17.80	17.64	17.67	16.54	16.42	16.23	16.38	16.84	17.54
78.0	13.13	13.50	13.47	13.57	12.30	12.29	12.12	12.16	12.60	13.09
81.0	9.275	9.492	9.256	9.342	8.451	8.614	8.355	8.417	8.640	9.112
84.0	5.983	6.218	5.774	5.750	5.164	5.440	5.332	5.241	5.245	5.429
87.0	3.386	3.563	3.200	3.237	2.927	3.368	3.130	3.071	2.829	2.706
90.0	1.804	1.962	1.983	2.131	1.977	1.983	1.675	1.777	1.682	1.710
93.0	1.062	1.271	1.774	2.091	1.824	1.492	0.9894	1.272	1.467	1.713
96.0	0.9277	1.231	1.780	2.076	1.794	1.432	0.9285	1.216	1.452	1.711
99.0	0.9349	1.251	1.789	2.066	1.759	1.407	0.9253	1.186	1.432	1.709
102.0	0.9422	1.277	1.809	2.050	1.729	1.392	0.9222	1.181	1.427	1.707
105.0	0.9797	1.302	1.811	2.035	1.714	1.385	0.9191	1.151	1.426	1.705
108.0	1.010	1.327	1.816	2.005	1.710	1.383	0.9160	1.141	1.426	1.699
111.0	1.065	1.342	1.815	1.980	1.698	1.381	0.9128	1.122	1.425	1.674
114.0	1.091	1.362	1.815	1.971	1.689	1.379	0.9097	1.124	1.424	1.638
117.0	1.155	1.382	1.809	1.940	1.674	1.381	0.9299	1.127	1.424	1.603
120.0	1.171	1.392	1.784	1.915	1.664	1.387	0.9550	1.130	1.423	1.568
123.0	1.226	1.412	1.754	1.880	1.658	1.402	0.9902	1.132	1.424	1.533
126.0	1.251	1.422	1.729	1.829	1.653	1.417	1.030	1.135	1.426	1.511
129.0	1.287	1.437	1.704	1.794	1.645	1.437	1.071	1.156	1.432	1.507
132.0	1.322	1.452	1.689	1.734	1.635	1.463	1.126	1.186	1.442	1.508
135.0	1.357	1.473	1.664	1.699	1.623	1.483	1.181	1.226	1.452	1.509
138.0	1.402	1.488	1.644	1.668	1.615	1.503	1.231	1.246	1.463	1.511
141.0	1.432	1.508	1.630	1.665	1.606	1.528	1.282	1.286	1.483	1.512
144.0	1.457	1.538	1.625	1.662	1.609	1.553	1.337	1.327	1.498	1.513
147.0	1.498	1.563	1.627	1.659	1.610	1.578	1.387	1.362	1.513	1.514
150.0	1.527	1.588	1.629	1.656	1.611	1.593	1.433	1.407	1.533	1.515
153.0	1.557	1.598	1.630	1.659	1.612	1.623	1.493	1.452	1.548	1.516
156.0	1.577	1.633	1.632	1.684	1.613	1.644	1.533	1.493	1.568	1.517
159.0	1.603	1.659	1.637	1.699	1.633	1.674	1.578	1.523	1.593	1.528
162.0	1.648	1.684	1.648	1.719	1.648	1.694	1.608	1.558	1.623	1.563
165.0	1.658	1.714	1.658	1.734	1.668	1.724	1.649	1.598	1.659	1.588
168.0	1.693	1.729	1.678	1.736	1.689	1.734	1.689	1.644	1.684	1.633
171.0	1.724	1.740	1.714	1.739	1.719	1.745	1.719	1.662	1.724	1.658
174.0	1.742	1.742	1.726	1.741	1.724	1.747	1.724	1.679	1.733	1.684
177.0	1.739	1.744	1.729	1.744	1.729	1.749	1.729	1.719	1.739	1.719
180.0	1.739	1.744	1.729	1.729	1.744	1.749	1.729	1.729	1.739	1.729
G/C	300.0	330.0								
0.0	86.50	86.40								
3.0	86.41	86.36								
6.0	86.04	85.98								
9.0	85.38	85.31								
12.0	84.46	84.35								
15.0	83.28	83.10								
18.0	81.82	81.63								
21.0	80.11	79.86								
24.0	78.15	77.82								
27.0	75.94	75.66								
30.0	73.52	73.10								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-23

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:

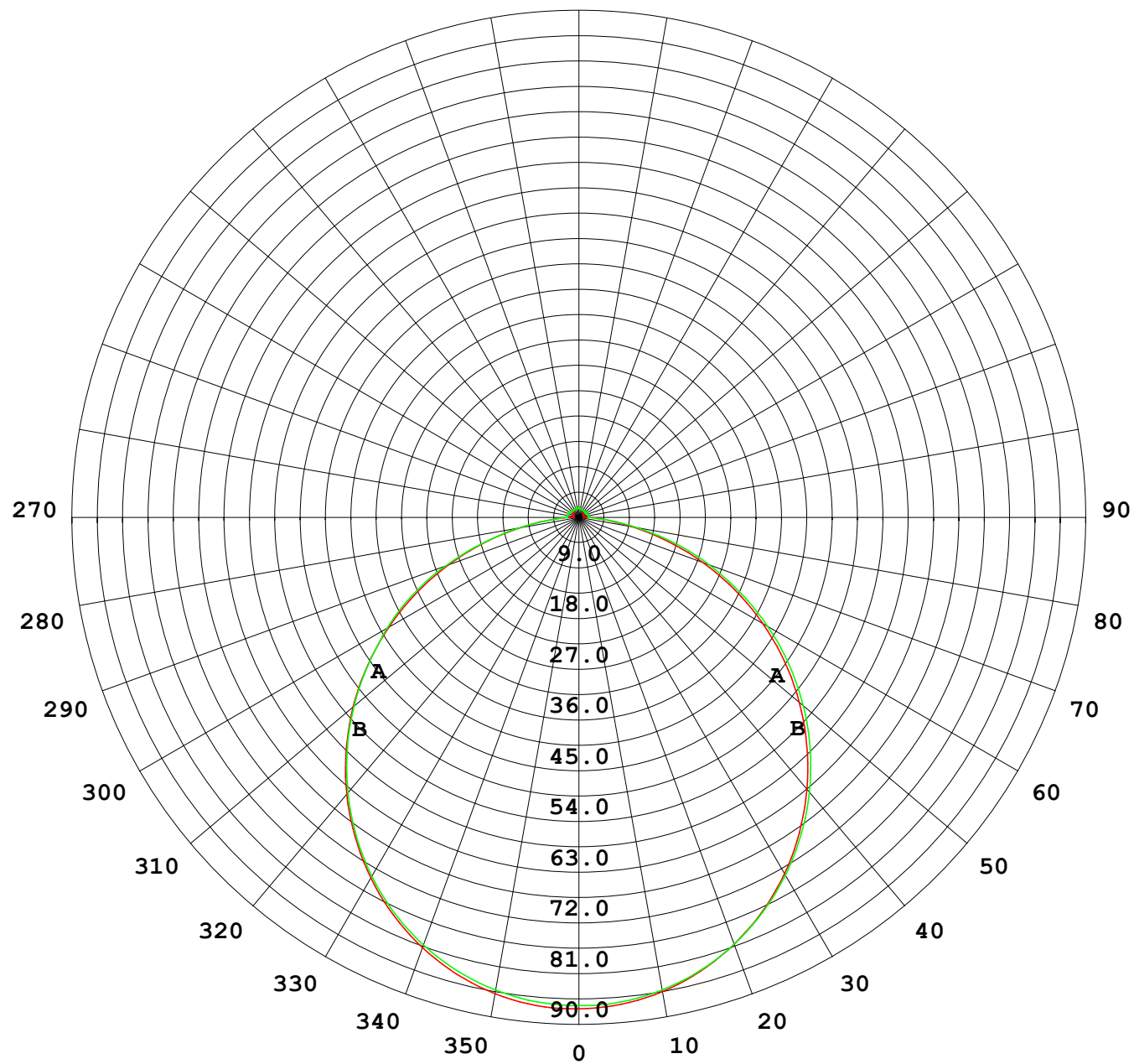
Photometric Data Table [cd]

33.0	70.86	70.56
36.0	67.97	67.57
39.0	64.90	64.61
42.0	61.64	61.31
45.0	58.23	57.96
48.0	54.67	54.39
51.0	50.94	50.64
54.0	47.09	46.82
57.0	43.11	42.79
60.0	38.98	38.60
63.0	34.79	34.49
66.0	30.53	30.24
69.0	26.18	25.87
72.0	21.75	21.56
75.0	17.50	17.23
78.0	13.22	12.97
81.0	9.127	9.046
84.0	5.496	5.659
87.0	2.843	3.002
90.0	1.445	1.476
93.0	1.226	0.8252
96.0	1.257	0.7454
99.0	1.302	0.7496
102.0	1.306	0.7538
105.0	1.311	0.7639
108.0	1.315	0.7940
111.0	1.316	0.8342
114.0	1.315	0.8543
117.0	1.314	0.8894
120.0	1.313	0.9197
123.0	1.312	0.9698
126.0	1.321	1.005
129.0	1.327	1.030
132.0	1.347	1.075
135.0	1.357	1.101
138.0	1.372	1.161
141.0	1.392	1.201
144.0	1.417	1.246
147.0	1.437	1.321
150.0	1.463	1.352
153.0	1.488	1.402
156.0	1.523	1.442
159.0	1.563	1.488
162.0	1.593	1.518
165.0	1.633	1.558
168.0	1.664	1.598
171.0	1.704	1.644
174.0	1.724	1.662
177.0	1.739	1.679
180.0	1.739	1.729

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

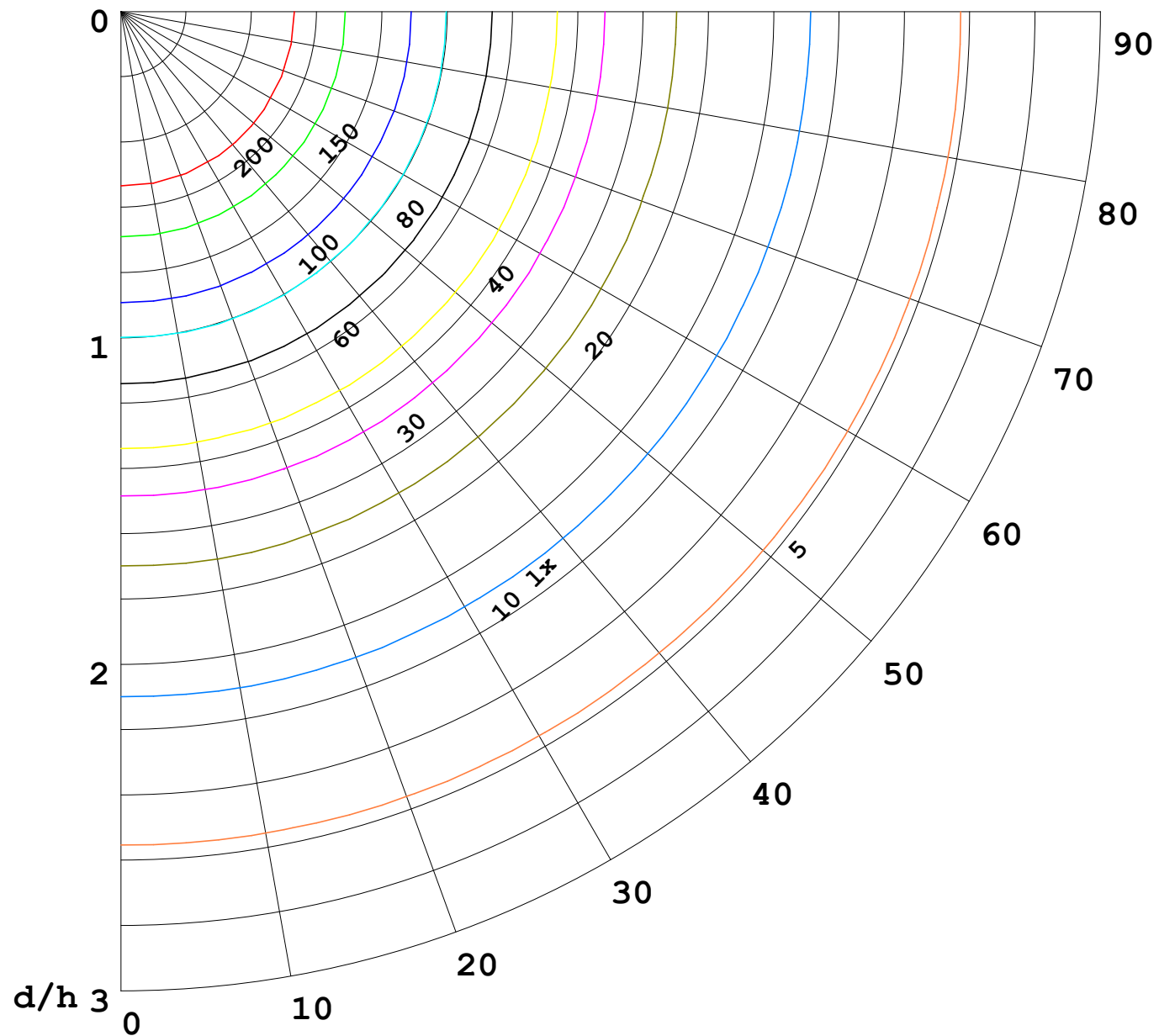
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

