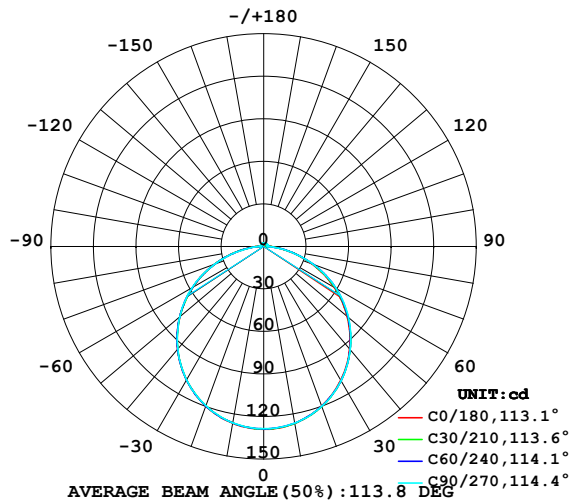


LUMINAIRE PHOTOMETRIC TEST REPORT

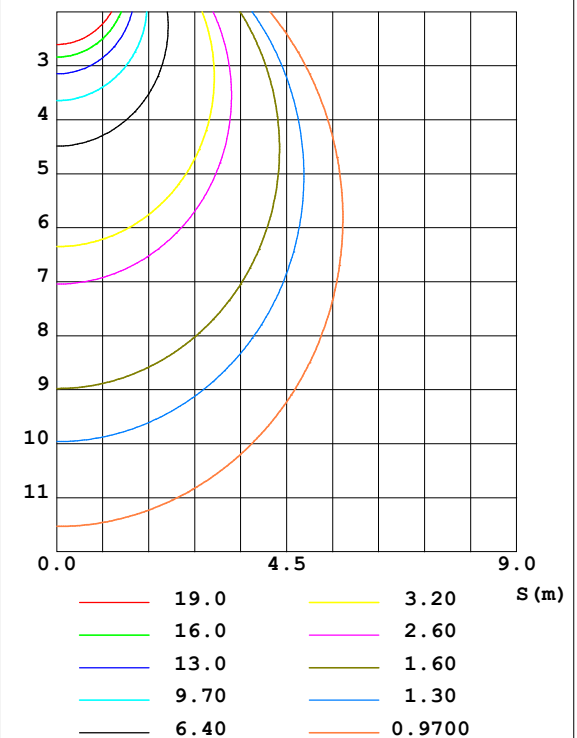
Test:U:24.00V I:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 40.22 lm/W			
MODEL	3528	I _{max} (cd)	128.9	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)	389.02	η UP, DN (C0-180)	1.9, 48.3
NOMINAL FLUX (lm)	389.001	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.2
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)



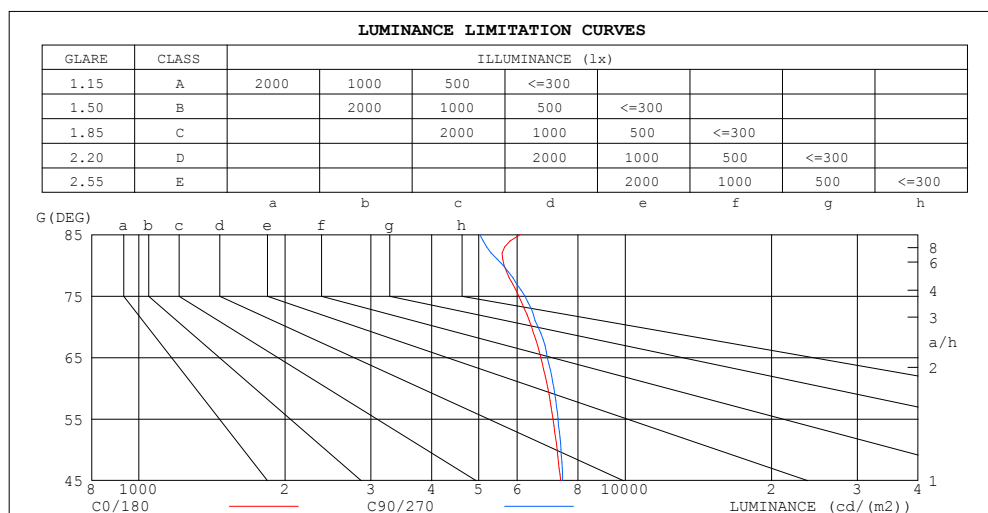
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-07

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	126.7	126.6	126.4	126.2	126.6	126.4	126.2	126.1	0- 10	12.17	12.17	3.13,3.13
20	119.8	119.9	120.0	119.5	119.8	119.7	119.5	119.4	10- 20	34.87	47.04	12.1,12.1
30	108.8	109.3	109.3	108.8	108.9	108.8	108.8	108.6	20- 30	52.89	99.93	25.7,25.7
40	94.30	94.86	95.01	94.54	94.55	94.49	94.34	94.19	30- 40	63.88	163.8	42.1,42.1
50	76.83	77.69	78.22	77.40	77.31	77.30	77.41	76.85	40- 50	66.52	230.3	59.2,59.2
60	57.19	58.45	58.90	57.93	57.88	57.89	58.42	57.59	50- 60	60.70	291.0	74.8,74.8
70	36.23	37.18	37.34	36.93	37.20	36.99	36.86	36.58	60- 70	47.05	338.1	86.9,86.9
80	16.15	16.39	16.08	16.37	17.05	16.48	15.76	15.92	70- 80	27.83	365.9	94.1,94.1
90	4.018	3.697	2.915	3.709	4.108	3.431	2.585	3.252	80- 90	9.465	375.4	96.5,96.5
100	1.749	2.243	2.789	2.046	1.167	1.823	2.524	1.872	90-100	2.577	378.0	97.2,97.2
110	1.719	2.189	2.684	2.074	1.186	1.846	2.443	1.810	100-110	2.108	380.1	97.7,97.7
120	1.819	2.234	2.538	2.137	1.387	1.884	2.362	1.827	110-120	1.987	382.1	98.2,98.2
130	2.000	2.277	2.445	2.223	1.624	1.954	2.314	1.890	120-130	1.843	383.9	98.7,98.7
140	2.171	2.340	2.412	2.314	1.890	2.053	2.302	2.008	130-140	1.652	385.6	99.1,99.1
150	2.337	2.421	2.498	2.412	2.146	2.194	2.313	2.159	140-150	1.408	387.0	99.5,99.5
160	2.473	2.510	2.563	2.540	2.382	2.385	2.352	2.342	150-160	1.096	388.1	99.8,99.8
170	2.598	2.613	2.637	2.618	2.578	2.558	2.528	2.525	160-170	0.7113	388.8	99.9,99.9
180	2.628	2.639	2.644	2.628	2.628	2.639	2.639	2.626	170-180	0.2486	389.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6088	5019
80	5637	5611
75	6045	6218
70	6420	6616
65	6710	6911
60	6933	7139
55	7102	7282
50	7244	7375
45	7364	7441

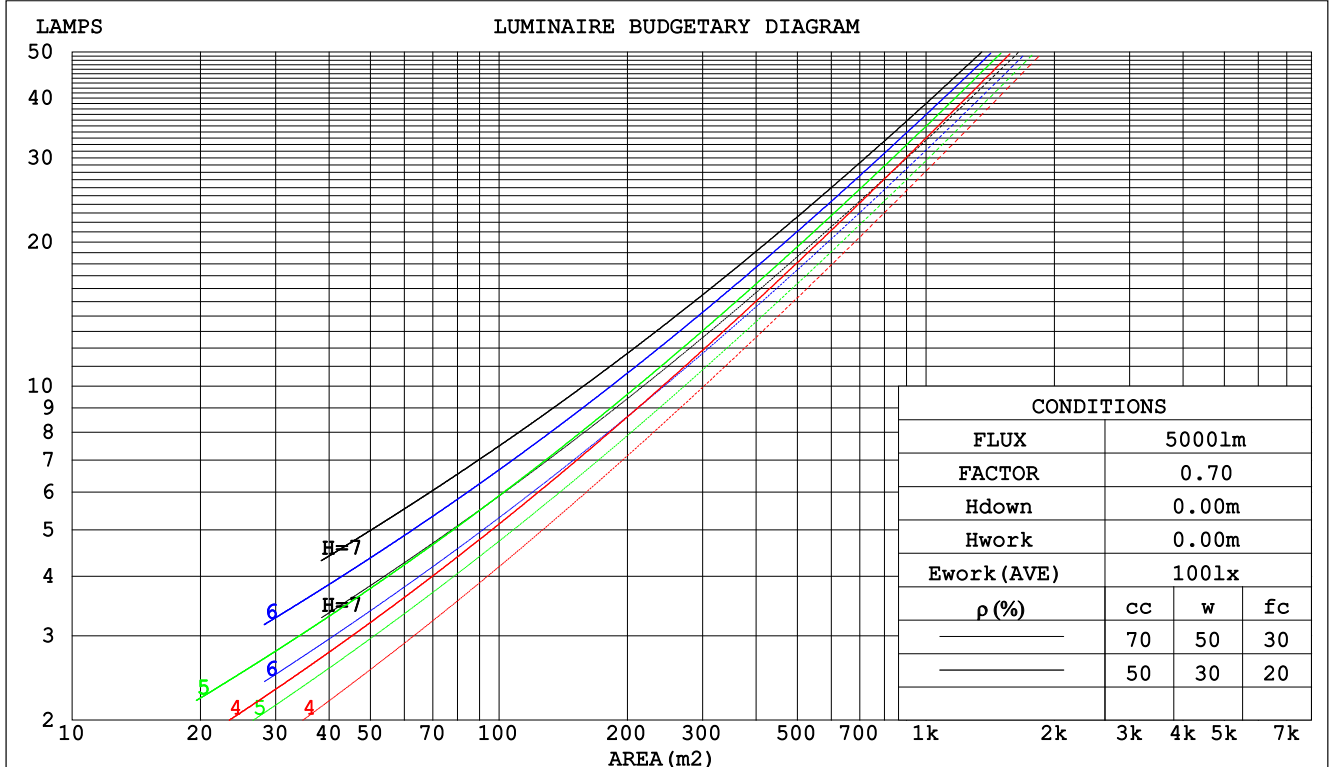
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
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	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.85	.86	.84	.82	.80
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm					
NAME: SF16-24V-3528-120-CC-3000			TYPE: 硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022040701
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	.317	.180	.057	.309	.176	.056	.294	.168	.054	.280	.161	.052	.267	.155	.050	
2.0	.295	.162	.050	.288	.159	.049	.275	.153	.047	.262	.147	.046	.251	.142	.045	
3.0	.272	.145	.043	.266	.142	.043	.254	.137	.042	.242	.133	.041	.232	.129	.040	
4.0	.251	.130	.038	.245	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032	
6.0	.214	.107	.031	.210	.106	.030	.201	.103	.030	.193	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.164	.078	.022	.160	.078	.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	.217	.217	.217	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.183	.161	.178	.157	.138	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.159	.125	.171	.137	.108	.117	.095	.075	.068	.055	.044	.022	.018	.014	
3.0	.192	.142	.101	.165	.122	.088	.113	.085	.062	.065	.050	.036	.021	.016	.012	
4.0	.185	.128	.085	.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	.067	.041	.058	.039	.024	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.063	.038	.056	.037	.022	.018	.012	.007	
8.0	.157	.097	.056	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.092	.053	.130	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.145	.088	.050	.125	.076	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm											
NAME: SF16-24V-3528-120-CC-3000						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022040701			
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		19.5	21.0	19.8	21.3	21.5	19.6	21.1	19.9	21.4	21.6
	3H	21.1	22.4	21.4	22.7	23.0	21.2	22.6	21.5	22.9	23.2
	4H	21.7	23.0	22.0	23.3	23.6	21.8	23.1	22.2	23.4	23.8
	6H	22.2	23.4	22.5	23.7	24.1	22.3	23.5	22.7	23.8	24.2
	8H	22.3	23.5	22.7	23.8	24.2	22.4	23.6	22.8	24.0	24.3
	12H	22.5	23.6	22.9	24.0	24.3	22.5	23.7	22.9	24.0	24.4
4H	2H	20.1	21.4	20.5	21.8	22.1	20.2	21.5	20.6	21.8	22.2
	3H	21.9	23.0	22.3	23.4	23.7	22.0	23.1	22.4	23.5	23.9
	4H	22.6	23.7	23.1	24.0	24.5	22.8	23.8	23.2	24.2	24.6
	6H	23.2	24.1	23.7	24.6	25.0	23.3	24.3	23.8	24.7	25.1
	8H	23.4	24.3	23.9	24.7	25.2	23.5	24.4	24.0	24.8	25.3
	12H	23.6	24.4	24.1	24.9	25.4	23.7	24.5	24.2	24.9	25.4
8H	4H	22.9	23.8	23.4	24.2	24.7	23.0	23.9	23.5	24.3	24.8
	6H	23.7	24.4	24.2	24.8	25.3	23.8	24.5	24.3	24.9	25.4
	8H	24.0	24.6	24.5	25.1	25.6	24.0	24.7	24.6	25.2	25.7
	12H	24.3	24.8	24.8	25.3	25.9	24.3	24.8	24.8	25.3	25.9
12H	4H	22.9	23.7	23.4	24.2	24.6	23.0	23.8	23.5	24.3	24.8
	6H	23.7	24.4	24.2	24.9	25.4	23.8	24.5	24.3	24.9	25.5
	8H	24.1	24.6	24.6	25.2	25.7	24.2	24.7	24.7	25.2	25.8
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	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 389.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.3)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

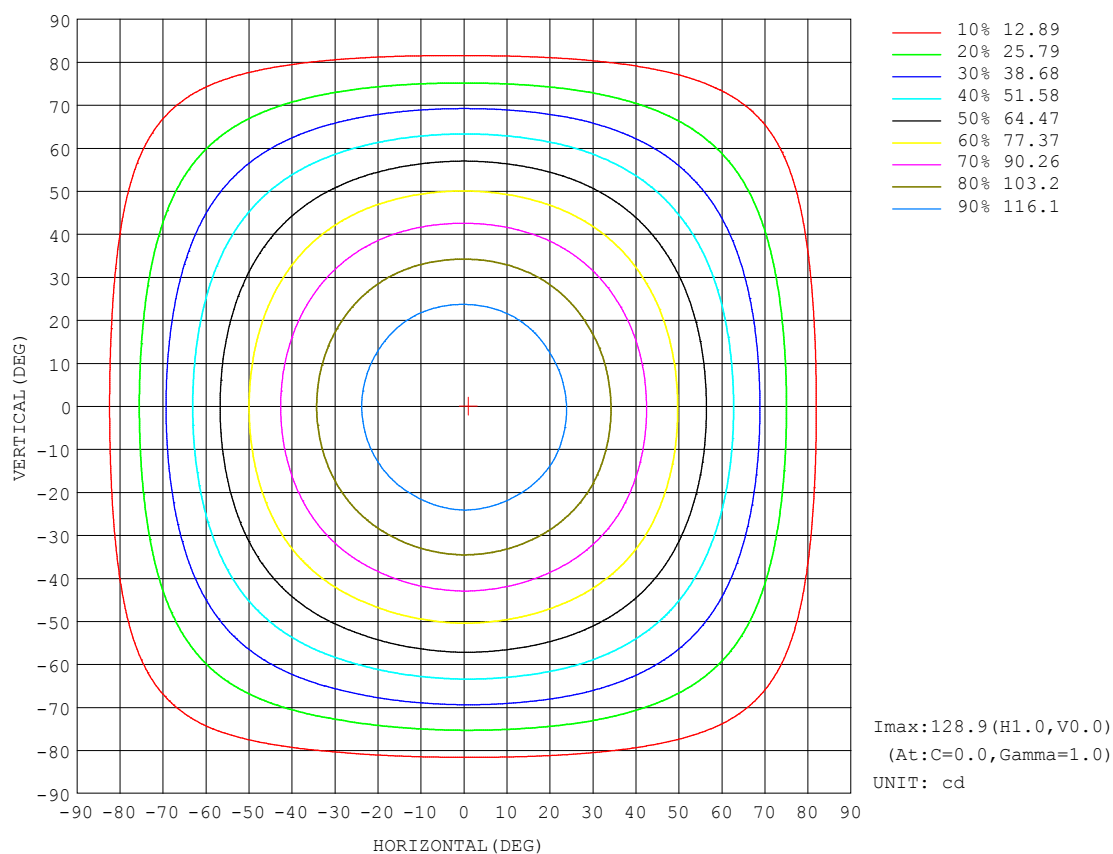
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	85	80	70
3.00	101	94	88	98	92	87	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

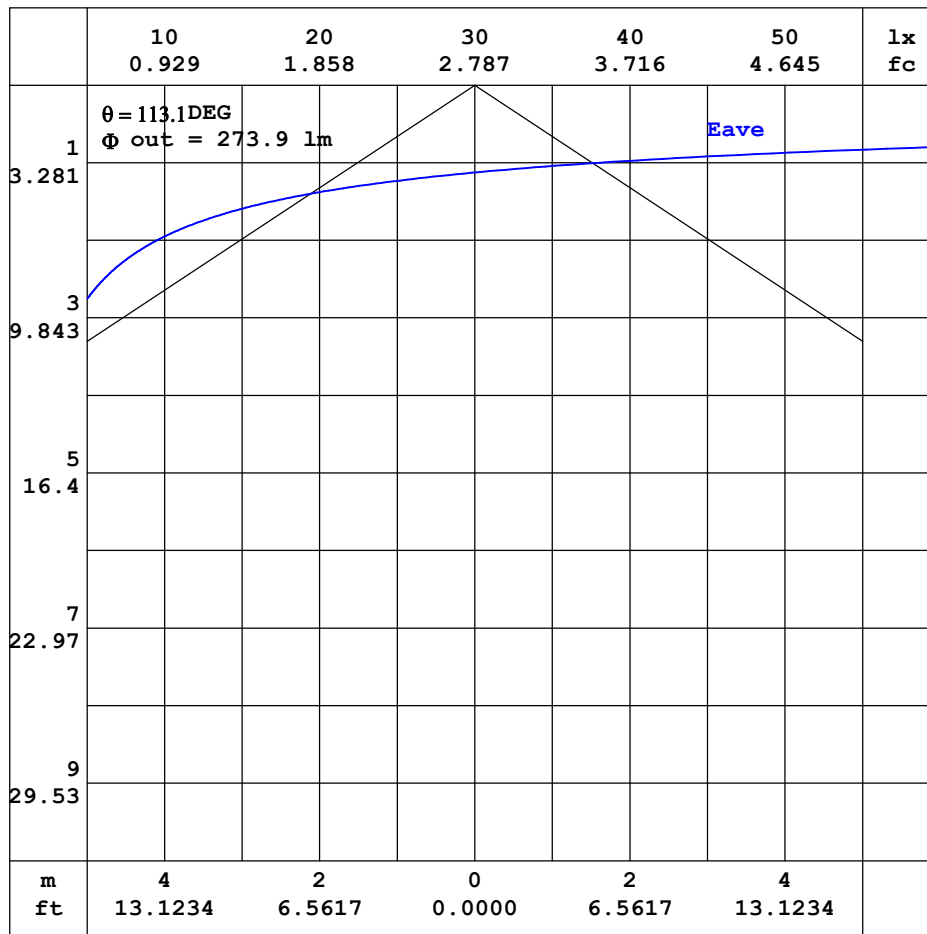


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



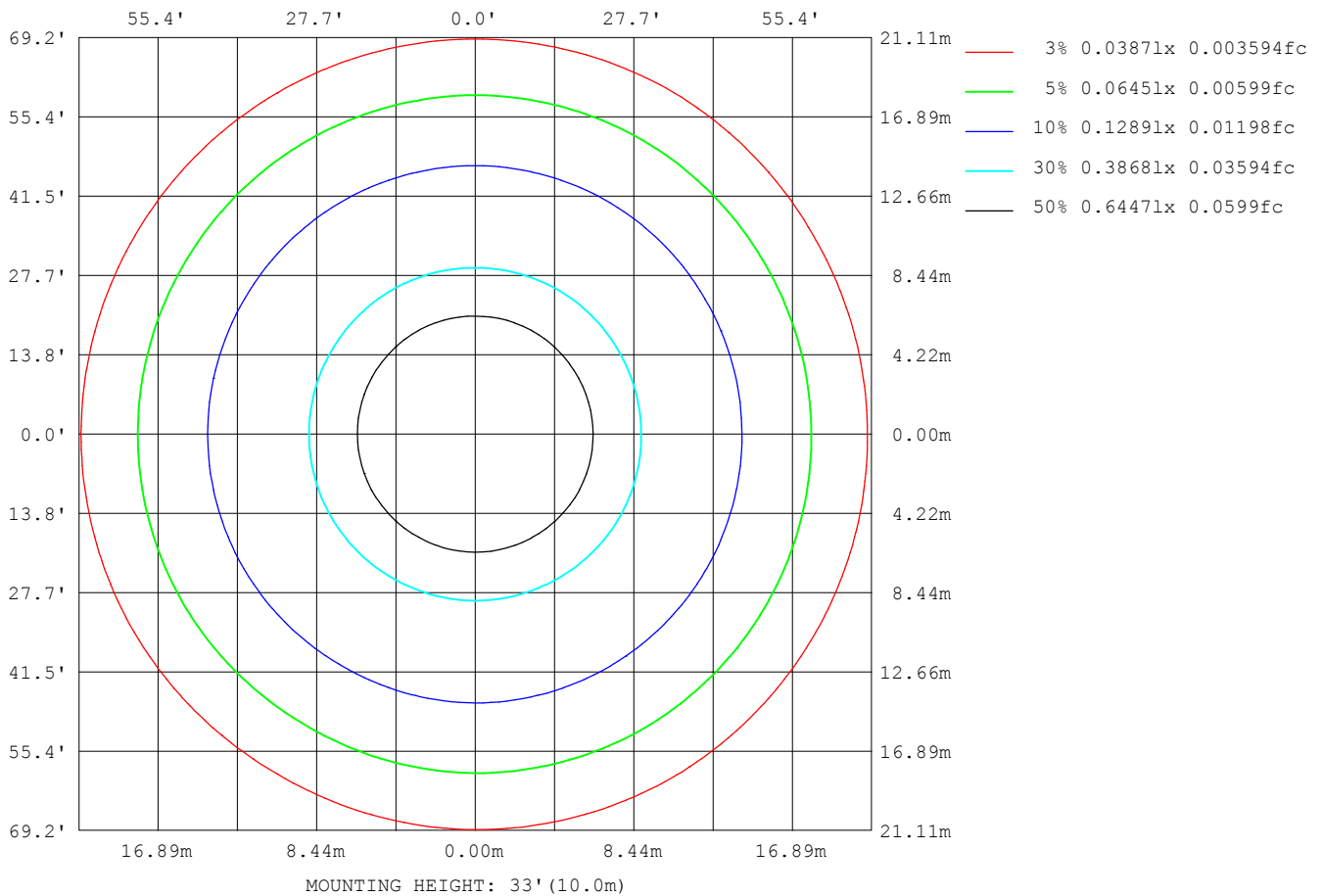
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-07

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

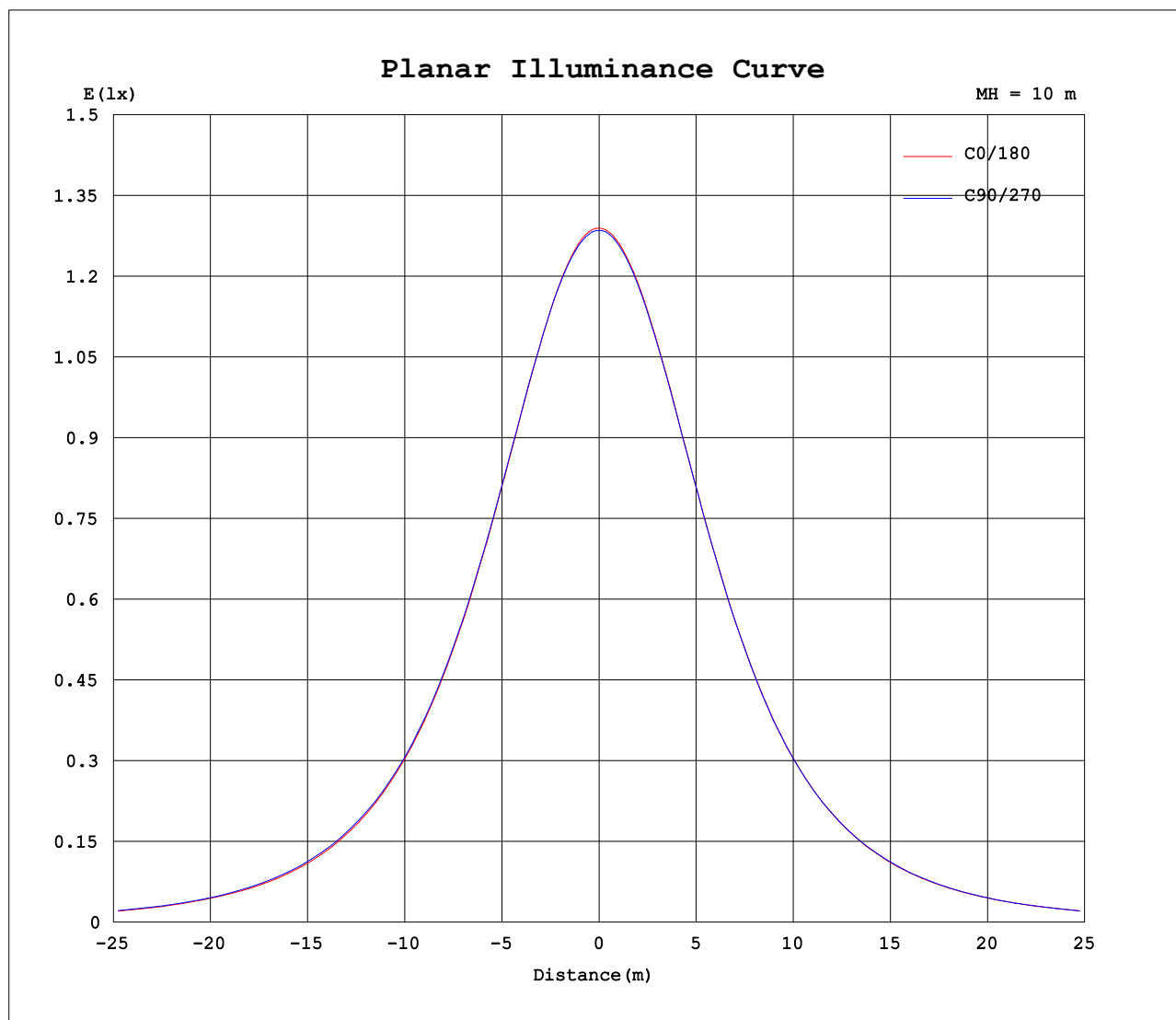
Test:U:24.00V I:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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: 2022-04-07

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:0.4030A P:9.671W PF:1.000 Lamp Flux:389.001x1 lm		
NAME: SF16-24V-3528-120-CC-3000	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
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	129	129	129	129	128	128	129	129	129	129	128	128							
5	128	128	128	128	128	128	128	128	128	128	128	128							
10	127	127	126	126	126	126	127	126	126	126	126	126							
15	124	124	124	124	123	123	124	123	124	123	123	123							
20	120	120	120	120	120	119	120	120	120	120	120	119							
25	115	115	115	115	115	115	115	115	115	115	115	114							
30	109	109	109	109	109	109	109	109	109	109	109	108							
35	102	103	102	103	102	102	102	102	102	102	102	102							
40	94.3	94.9	94.8	95.0	94.5	94.6	94.5	94.4	94.6	94.3	94.4	94.0							
45	85.9	86.6	86.5	86.8	86.3	86.5	86.2	86.1	86.3	86.1	86.1	85.6							
50	76.8	77.7	77.7	78.2	77.2	77.6	77.3	77.2	77.4	77.4	77.1	76.6							
55	67.2	68.0	68.5	68.9	67.8	68.1	67.9	67.7	68.0	68.3	67.8	67.0							
60	57.2	58.1	58.8	58.9	57.8	58.1	57.9	57.7	58.1	58.4	58.1	57.0							
65	46.8	47.6	48.4	48.2	47.2	47.8	47.6	47.5	47.7	47.8	47.9	46.7							
70	36.2	36.8	37.5	37.3	36.7	37.2	37.2	37.0	37.0	36.9	37.0	36.1							
75	25.8	26.2	26.7	26.6	26.0	26.8	26.8	26.6	26.3	26.0	26.2	25.7							
80	16.2	16.5	16.3	16.1	15.9	16.9	17.0	16.7	16.2	15.8	15.9	15.9							
85	8.75	8.55	7.88	7.22	7.58	8.92	9.16	8.75	7.62	6.92	7.36	8.19							
90	4.02	3.78	3.61	2.91	3.27	4.15	4.11	3.84	3.02	2.58	3.01	3.50							
95	1.98	1.99	2.89	2.85	2.42	1.97	1.48	1.71	2.17	2.55	2.23	1.76							
100	1.75	1.83	2.65	2.79	2.37	1.72	1.17	1.54	2.11	2.52	2.15	1.59							
105	1.71	1.82	2.58	2.73	2.36	1.74	1.11	1.54	2.13	2.50	2.11	1.51							
110	1.72	1.83	2.55	2.68	2.36	1.79	1.19	1.54	2.15	2.44	2.11	1.51							
115	1.73	1.88	2.54	2.62	2.36	1.84	1.27	1.57	2.15	2.40	2.11	1.51							
120	1.82	1.94	2.53	2.54	2.35	1.92	1.39	1.61	2.16	2.36	2.11	1.55							
125	1.91	2.01	2.51	2.47	2.36	2.00	1.51	1.68	2.16	2.33	2.10	1.60							
130	2.00	2.08	2.48	2.45	2.36	2.09	1.62	1.74	2.16	2.31	2.10	1.68							
135	2.09	2.15	2.47	2.43	2.37	2.17	1.76	1.83	2.17	2.30	2.12	1.77							
140	2.17	2.23	2.45	2.41	2.37	2.26	1.89	1.92	2.19	2.30	2.14	1.87							
145	2.26	2.31	2.45	2.45	2.39	2.33	2.02	2.04	2.22	2.31	2.18	1.97							
150	2.34	2.39	2.46	2.50	2.41	2.42	2.15	2.13	2.26	2.31	2.23	2.09							
155	2.41	2.46	2.46	2.52	2.46	2.48	2.27	2.24	2.32	2.32	2.29	2.21							
160	2.47	2.53	2.49	2.56	2.53	2.55	2.38	2.36	2.41	2.35	2.38	2.31							
165	2.54	2.59	2.54	2.62	2.56	2.61	2.48	2.44	2.50	2.45	2.48	2.41							
170	2.60	2.62	2.60	2.64	2.61	2.62	2.58	2.53	2.58	2.53	2.56	2.49							
175	2.61	2.63	2.62	2.64	2.63	2.63	2.62	2.58	2.64	2.60	2.63	2.58							
180	2.63	2.64	2.64	2.64	2.63	2.63	2.63	2.63	2.64	2.64	2.64	2.61							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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	128.9	128.7	128.6	128.5	128.4	128.3	128.9	128.7	128.6	128.5
3.0	128.8	128.6	128.5	128.4	128.3	128.2	128.7	128.5	128.4	128.3
6.0	128.2	128.0	127.9	127.8	127.7	127.6	128.1	127.9	127.8	127.7
9.0	127.1	127.0	126.9	126.9	126.6	126.5	127.0	126.8	126.8	126.7
12.0	125.6	125.7	125.5	125.5	125.2	125.1	125.6	125.4	125.4	125.3
15.0	123.8	123.9	123.7	123.8	123.4	123.3	123.7	123.5	123.6	123.4
18.0	121.5	121.7	121.5	121.6	121.2	121.2	121.5	121.2	121.4	121.2
21.0	118.8	119.2	119.0	119.1	118.6	118.6	118.9	118.6	118.8	118.6
24.0	115.9	116.3	116.0	116.2	115.7	115.7	115.8	115.7	115.9	115.7
27.0	112.6	112.9	112.8	112.8	112.5	112.4	112.5	112.4	112.5	112.4
30.0	108.8	109.3	109.2	109.3	108.8	108.8	108.9	108.7	108.9	108.8
33.0	104.8	105.4	105.2	105.4	104.9	104.9	104.9	104.8	104.9	104.8
36.0	100.6	101.0	101.0	101.1	100.6	100.7	100.6	100.5	100.7	100.5
39.0	95.94	96.55	96.41	96.65	96.03	96.09	96.11	95.97	96.17	95.93
42.0	91.05	91.79	91.59	91.88	91.31	91.41	91.31	91.14	91.37	91.07
45.0	85.91	86.63	86.53	86.81	86.27	86.45	86.24	86.12	86.29	86.07
48.0	80.56	81.25	81.30	81.79	80.92	81.05	80.96	80.82	81.04	80.91
51.0	74.97	75.72	75.92	76.46	75.36	75.72	75.49	75.32	75.60	75.64
54.0	69.20	70.03	70.42	70.74	69.66	69.96	69.79	69.65	69.96	70.19
57.0	63.26	64.18	64.71	64.94	63.76	63.98	63.91	63.74	64.11	64.41
60.0	57.19	58.09	58.80	58.90	57.75	58.11	57.88	57.72	58.05	58.42
63.0	50.96	51.71	52.69	52.59	51.54	51.86	51.75	51.67	51.85	52.21
66.0	44.69	45.39	46.27	46.18	45.04	45.67	45.52	45.41	45.51	45.70
69.0	38.33	38.94	39.74	39.67	38.88	39.30	39.27	39.08	39.12	39.05
72.0	32.03	32.37	33.18	33.02	32.30	32.87	32.98	32.85	32.68	32.52
75.0	25.82	26.24	26.69	26.55	26.02	26.77	26.81	26.58	26.33	25.99
78.0	19.80	20.11	20.34	20.16	19.89	20.71	20.91	20.51	20.21	19.88
81.0	14.45	14.66	14.41	14.10	14.12	15.05	15.28	14.89	14.36	13.76
84.0	9.998	9.754	9.287	8.810	8.925	10.27	10.51	10.08	9.138	8.424
87.0	6.541	6.400	5.596	4.643	5.250	6.617	6.850	6.433	5.247	4.288
90.0	4.018	3.785	3.609	2.915	3.267	4.151	4.108	3.841	3.021	2.585
93.0	2.467	2.420	3.016	2.855	2.494	2.485	2.231	2.240	2.247	2.568
96.0	1.876	1.915	2.825	2.839	2.402	1.844	1.255	1.614	2.134	2.553
99.0	1.769	1.836	2.674	2.799	2.382	1.724	1.189	1.543	2.106	2.527
102.0	1.724	1.826	2.609	2.774	2.362	1.724	1.123	1.537	2.120	2.518
105.0	1.711	1.816	2.578	2.734	2.361	1.739	1.111	1.540	2.132	2.498
108.0	1.715	1.809	2.558	2.714	2.360	1.759	1.156	1.543	2.141	2.473
111.0	1.720	1.844	2.548	2.684	2.358	1.789	1.201	1.546	2.150	2.438
114.0	1.724	1.870	2.541	2.628	2.357	1.829	1.257	1.563	2.151	2.407
117.0	1.769	1.900	2.533	2.603	2.356	1.875	1.317	1.573	2.153	2.387
120.0	1.819	1.940	2.528	2.538	2.354	1.920	1.387	1.613	2.155	2.362
123.0	1.879	1.985	2.513	2.503	2.353	1.970	1.463	1.648	2.157	2.342
126.0	1.930	2.025	2.498	2.458	2.356	2.020	1.533	1.694	2.159	2.332
129.0	1.975	2.066	2.483	2.449	2.359	2.071	1.598	1.734	2.162	2.317
132.0	2.035	2.106	2.473	2.438	2.363	2.116	1.674	1.784	2.166	2.308
135.0	2.086	2.146	2.465	2.427	2.366	2.171	1.759	1.829	2.171	2.304
138.0	2.136	2.191	2.458	2.416	2.369	2.222	1.835	1.885	2.176	2.300
141.0	2.206	2.237	2.453	2.417	2.375	2.272	1.910	1.940	2.196	2.303
144.0	2.236	2.287	2.454	2.443	2.385	2.322	1.991	2.000	2.216	2.306
147.0	2.282	2.342	2.454	2.468	2.397	2.367	2.066	2.065	2.232	2.310
150.0	2.337	2.387	2.455	2.498	2.407	2.417	2.146	2.126	2.262	2.313
153.0	2.382	2.438	2.456	2.508	2.443	2.463	2.212	2.221	2.292	2.316
156.0	2.422	2.473	2.457	2.528	2.461	2.503	2.292	2.266	2.337	2.320
159.0	2.462	2.518	2.473	2.558	2.508	2.543	2.352	2.322	2.388	2.337
162.0	2.508	2.558	2.508	2.583	2.533	2.583	2.423	2.382	2.453	2.387
165.0	2.538	2.588	2.543	2.618	2.563	2.613	2.483	2.442	2.503	2.447
168.0	2.568	2.618	2.578	2.635	2.603	2.620	2.548	2.488	2.558	2.498
171.0	2.603	2.625	2.598	2.638	2.618	2.623	2.593	2.533	2.598	2.533
174.0	2.608	2.632	2.613	2.641	2.631	2.626	2.613	2.568	2.634	2.578
177.0	2.618	2.639	2.623	2.644	2.628	2.628	2.628	2.608	2.644	2.613
180.0	2.628	2.639	2.639	2.644	2.628	2.628	2.628	2.633	2.644	2.639
G/C	300.0	330.0								
0.0	128.4	128.3								
3.0	128.2	128.2								
6.0	127.6	127.6								
9.0	126.6	126.5								
12.0	125.2	125.1								
15.0	123.5	123.2								
18.0	121.3	120.9								
21.0	118.7	118.3								
24.0	115.7	115.4								
27.0	112.4	112.1								
30.0	108.8	108.4								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-07

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:

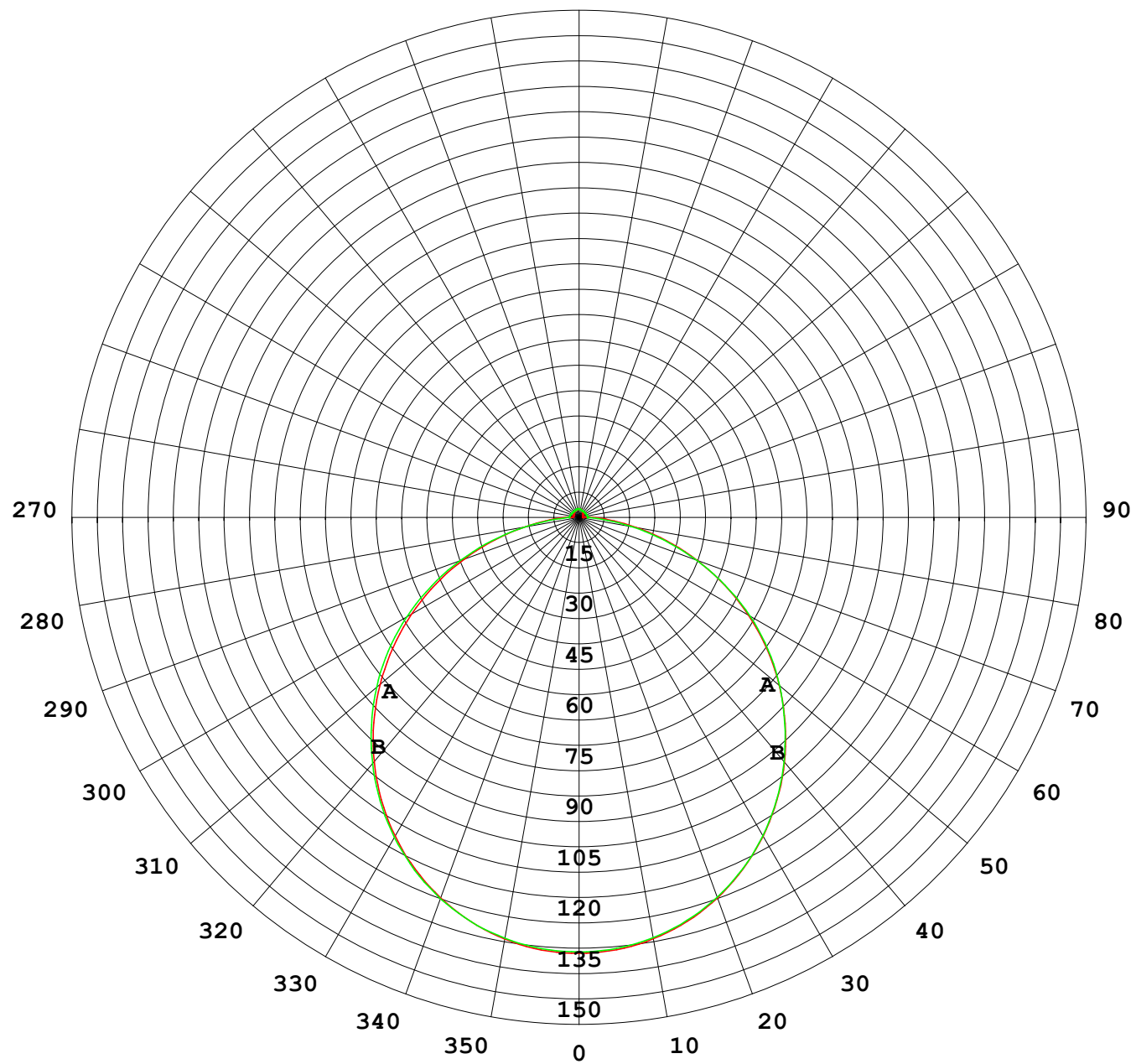
Photometric Data Table [cd]

33.0	104.8	104.4
36.0	100.5	100.1
39.0	95.98	95.54
42.0	91.16	90.68
45.0	86.06	85.64
48.0	80.76	80.28
51.0	75.28	74.70
54.0	69.69	69.01
57.0	64.05	63.08
60.0	58.14	57.04
63.0	52.06	50.89
66.0	45.74	44.58
69.0	39.21	38.24
72.0	32.63	31.97
75.0	26.18	25.66
78.0	19.92	19.63
81.0	14.03	14.11
84.0	8.822	9.452
87.0	5.097	5.950
90.0	3.006	3.499
93.0	2.311	2.108
96.0	2.211	1.699
99.0	2.156	1.613
102.0	2.121	1.553
105.0	2.115	1.513
108.0	2.113	1.505
111.0	2.111	1.509
114.0	2.109	1.513
117.0	2.108	1.516
120.0	2.106	1.548
123.0	2.104	1.573
126.0	2.102	1.623
129.0	2.101	1.663
132.0	2.101	1.719
135.0	2.116	1.769
138.0	2.126	1.829
141.0	2.146	1.890
144.0	2.171	1.960
147.0	2.191	2.025
150.0	2.232	2.086
153.0	2.267	2.156
156.0	2.307	2.221
159.0	2.362	2.287
162.0	2.423	2.372
165.0	2.478	2.412
168.0	2.528	2.462
171.0	2.578	2.528
174.0	2.614	2.563
177.0	2.639	2.593
180.0	2.639	2.613

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-04-07

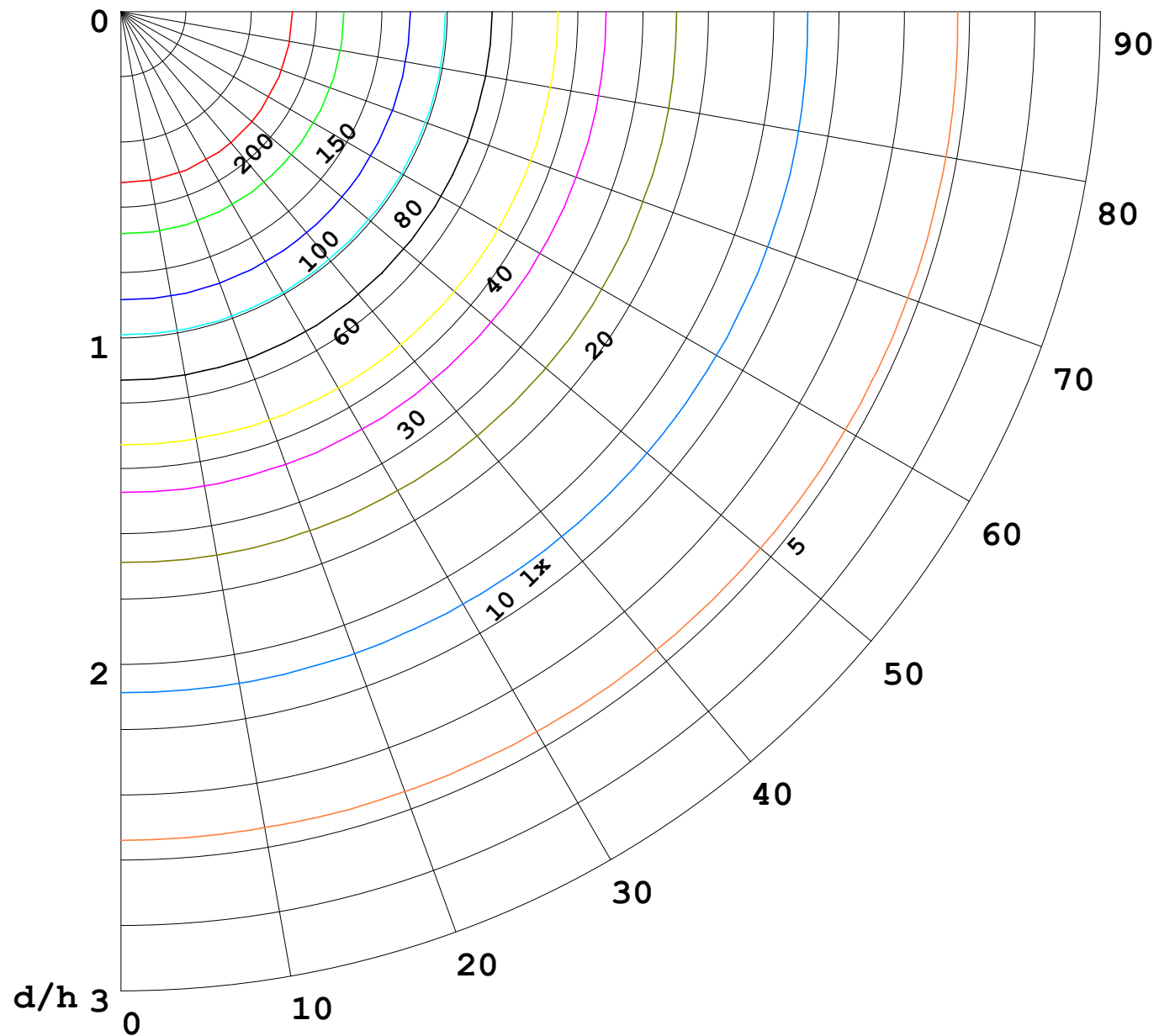
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

