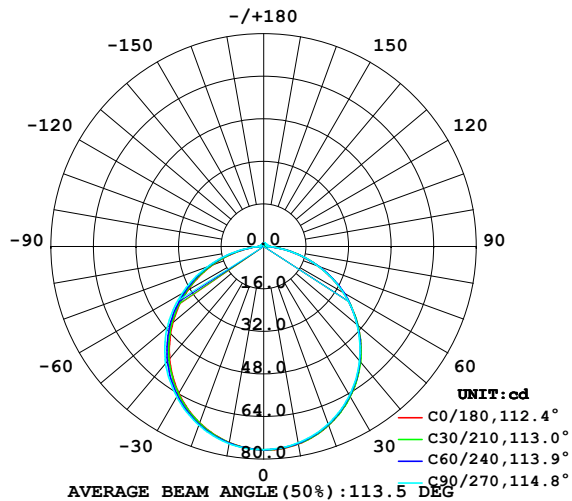


LUMINAIRE PHOTOMETRIC TEST REPORT

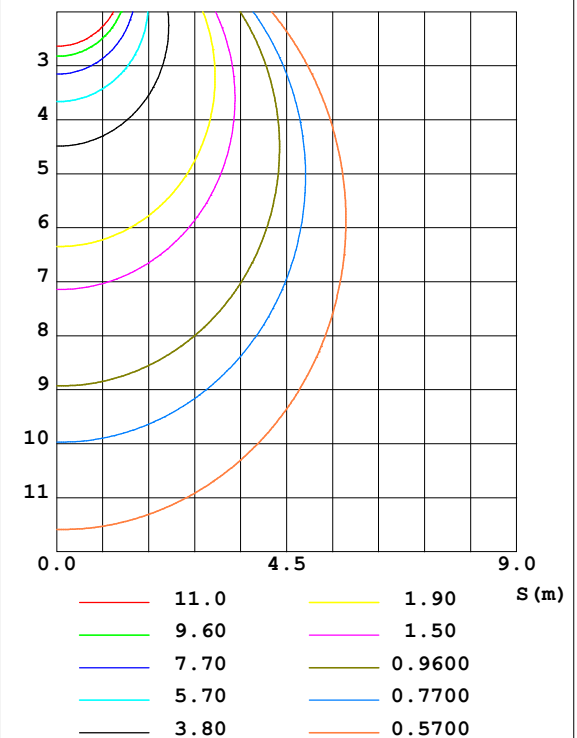
Test:U:24.00V I:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 24.81 lm/W			
MODEL	3528	I _{max} (cd)	76.55	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)	228.38	η UP, DN (C0-180)	1.5, 48.4
NOMINAL FLUX (lm)	228.367	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.3, 48.7
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	97.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



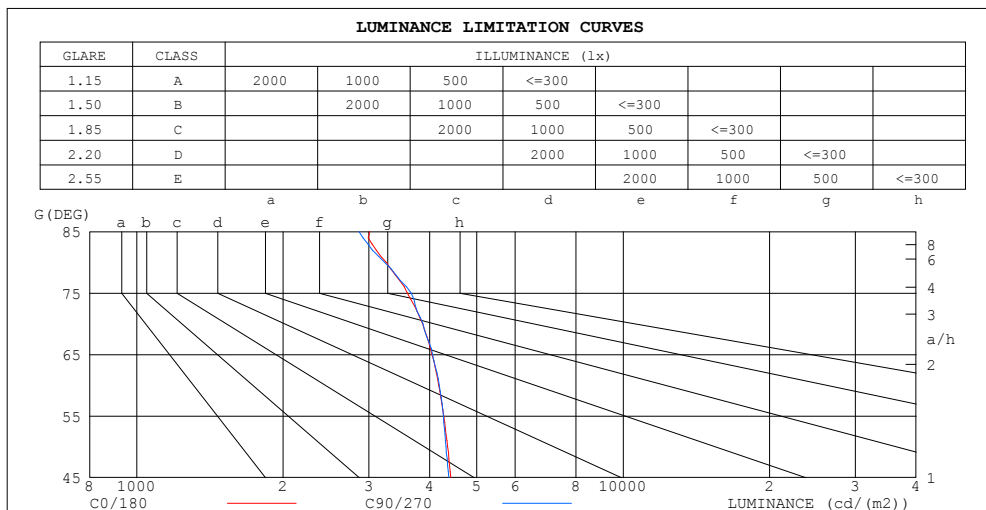
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-26

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	75.44	75.25	74.98	74.74	74.87	75.02	75.27	75.32	0- 10	7.233	7.233	3.17,3.17
20	71.52	71.36	71.02	70.52	70.54	70.93	71.47	71.56	10- 20	20.72	27.96	12.2,12.2
30	65.11	64.99	64.64	63.90	63.82	64.43	65.35	65.38	20- 30	31.43	59.38	26,26
40	56.55	56.54	56.13	55.29	55.08	55.90	57.48	57.12	30- 40	37.97	97.35	42.6,42.6
50	46.23	46.20	45.83	44.92	44.62	45.59	47.37	47.13	40- 50	39.56	136.9	60,60
60	34.46	34.80	34.54	33.31	32.99	33.97	35.44	35.30	50- 60	36.01	172.9	75.7,75.7
70	21.83	22.08	21.87	20.80	20.58	21.47	22.60	22.42	60- 70	27.77	200.7	87.9,87.9
80	9.335	9.475	9.258	8.593	8.421	8.919	9.644	9.557	70- 80	16.18	216.9	95,95
90	1.698	1.772	1.668	1.483	1.173	1.382	1.634	1.737	80- 90	4.947	221.8	97.1,97.1
100	0.8294	1.175	1.483	1.087	0.4422	0.9248	1.483	1.030	90-100	1.298	223.1	97.7,97.7
110	0.7984	1.123	1.276	1.093	0.5177	0.9223	1.327	0.8724	100-110	1.081	224.2	98.2,98.2
120	0.8374	1.044	1.171	1.098	0.6233	0.8877	1.166	0.8245	110-120	0.9665	225.2	98.6,98.6
130	0.9147	1.029	1.162	1.106	0.7439	0.8792	1.066	0.8215	120-130	0.8609	226.0	99,99
140	1.025	1.060	1.156	1.130	0.8745	0.9118	1.005	0.8744	130-140	0.7575	226.8	99.3,99.3
150	1.080	1.113	1.190	1.164	0.9952	0.9901	1.019	0.9599	140-150	0.6451	227.4	99.6,99.6
160	1.131	1.172	1.224	1.192	1.101	1.091	1.070	1.070	150-160	0.5061	227.9	99.8,99.8
170	1.181	1.200	1.233	1.206	1.194	1.187	1.159	1.161	160-170	0.3285	228.3	99.9,100
180	1.211	1.224	1.236	1.219	1.206	1.211	1.231	1.214	170-180	0.1145	228.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3016	2864
80	3258	3231
75	3596	3667
70	3868	3875
65	4041	4058
60	4177	4187
55	4275	4269
50	4358	4321
45	4422	4381

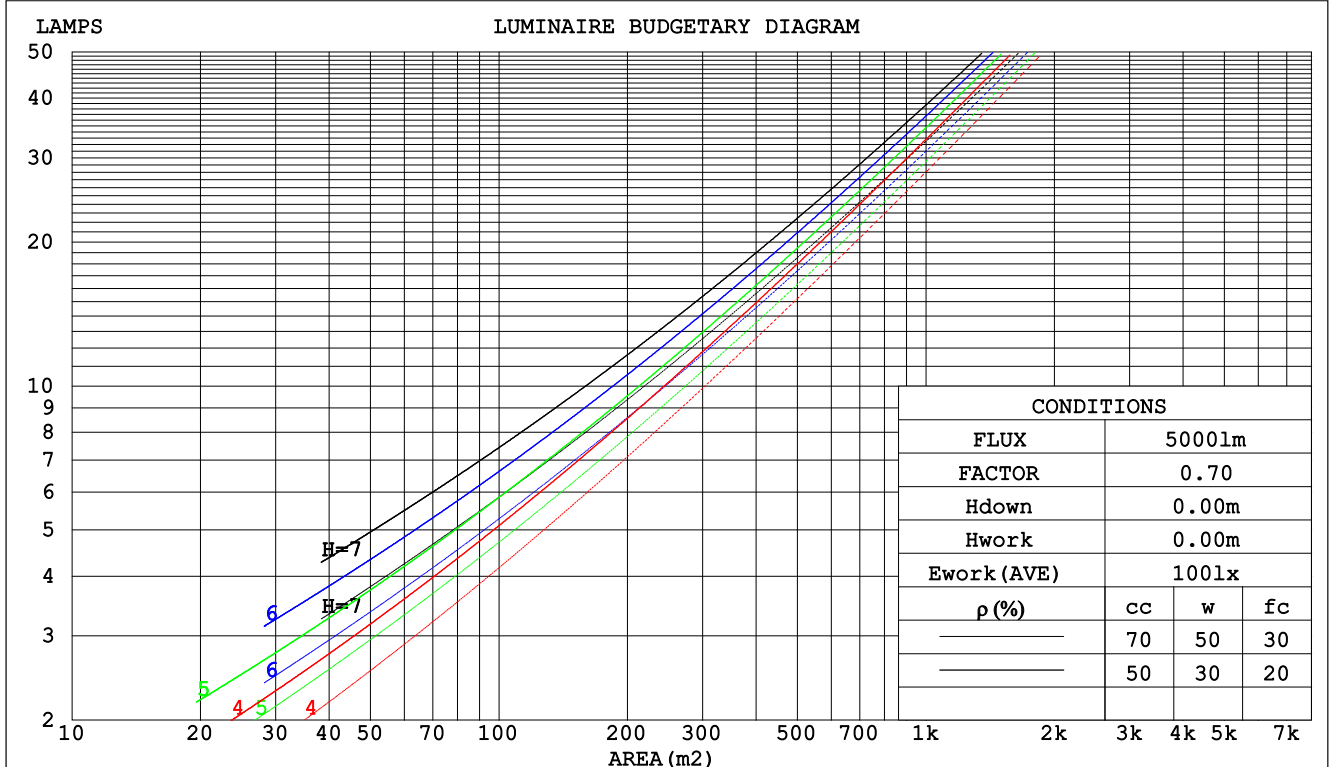
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
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	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.38	.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:2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
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	.314	.179	.057	.306	.175	.055	.291	.167	.053	.277	.160	.051	.265	.153	.049	
2.0	.294	.161	.049	.287	.158	.049	.274	.152	.047	.261	.147	.046	.250	.141	.045	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.242	.133	.041	.232	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.030	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.027	
8.0	.186	.091	.026	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022	
10.0	.163	.078	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.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	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.203	.178	.156	.173	.153	.134	.119	.105	.093	.068	.061	.054	.022	.020	.017	
2.0	.195	.154	.120	.167	.133	.104	.114	.092	.072	.066	.053	.042	.021	.017	.014	
3.0	.187	.137	.096	.160	.118	.084	.110	.082	.059	.064	.048	.035	.020	.016	.011	
4.0	.179	.123	.081	.154	.107	.070	.106	.074	.049	.061	.044	.029	.020	.014	.010	
5.0	.172	.113	.070	.148	.098	.061	.102	.068	.043	.059	.040	.025	.019	.013	.008	
6.0	.165	.105	.062	.142	.091	.054	.098	.064	.038	.057	.037	.023	.018	.012	.007	
7.0	.158	.098	.056	.136	.085	.049	.094	.060	.034	.055	.035	.021	.018	.011	.007	
8.0	.152	.092	.051	.131	.080	.045	.090	.056	.032	.053	.033	.019	.017	.011	.006	
9.0	.146	.087	.048	.125	.076	.042	.087	.053	.030	.051	.031	.018	.016	.010	.006	
10.0	.140	.083	.045	.121	.072	.039	.084	.051	.028	.049	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm											
NAME: SF16-24V-3528-120-2200-80						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022032601			
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	17.8	19.3	18.1	19.6	19.8	17.8	19.3	18.1	19.6	19.8	
	3H	19.4	20.7	19.7	21.0	21.3	19.4	20.8	19.7	21.0	21.3
	4H	20.0	21.3	20.4	21.6	21.9	20.0	21.3	20.4	21.6	21.9
	6H	20.4	21.7	20.8	22.0	22.3	20.5	21.7	20.8	22.0	22.3
	8H	20.6	21.8	21.0	22.1	22.5	20.6	21.8	21.0	22.1	22.5
	12H	20.7	21.8	21.1	22.2	22.5	20.7	21.8	21.1	22.2	22.5
4H	2H	18.4	19.7	18.8	20.1	20.4	18.4	19.7	18.8	20.0	20.4
	3H	20.2	21.3	20.6	21.7	22.0	20.2	21.3	20.6	21.7	22.0
	4H	20.9	22.0	21.4	22.3	22.7	20.9	22.0	21.4	22.4	22.8
	6H	21.5	22.4	21.9	22.8	23.3	21.5	22.4	22.0	22.8	23.3
	8H	21.7	22.6	22.2	23.0	23.4	21.7	22.6	22.2	23.0	23.4
	12H	21.8	22.6	22.3	23.1	23.5	21.8	22.6	22.3	23.1	23.5
8H	4H	21.2	22.1	21.7	22.5	22.9	21.2	22.1	21.7	22.5	22.9
	6H	21.9	22.7	22.4	23.1	23.6	21.9	22.6	22.4	23.1	23.6
	8H	22.2	22.9	22.7	23.3	23.8	22.2	22.8	22.7	23.3	23.8
	12H	22.4	23.0	23.0	23.5	24.0	22.4	23.0	22.9	23.5	24.0
12H	4H	21.2	22.0	21.7	22.4	22.9	21.2	22.0	21.7	22.5	22.9
	6H	22.0	22.6	22.5	23.1	23.6	22.0	22.6	22.5	23.1	23.6
	8H	22.3	22.9	22.8	23.4	23.9	22.3	22.9	22.8	23.4	23.9
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					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 228.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

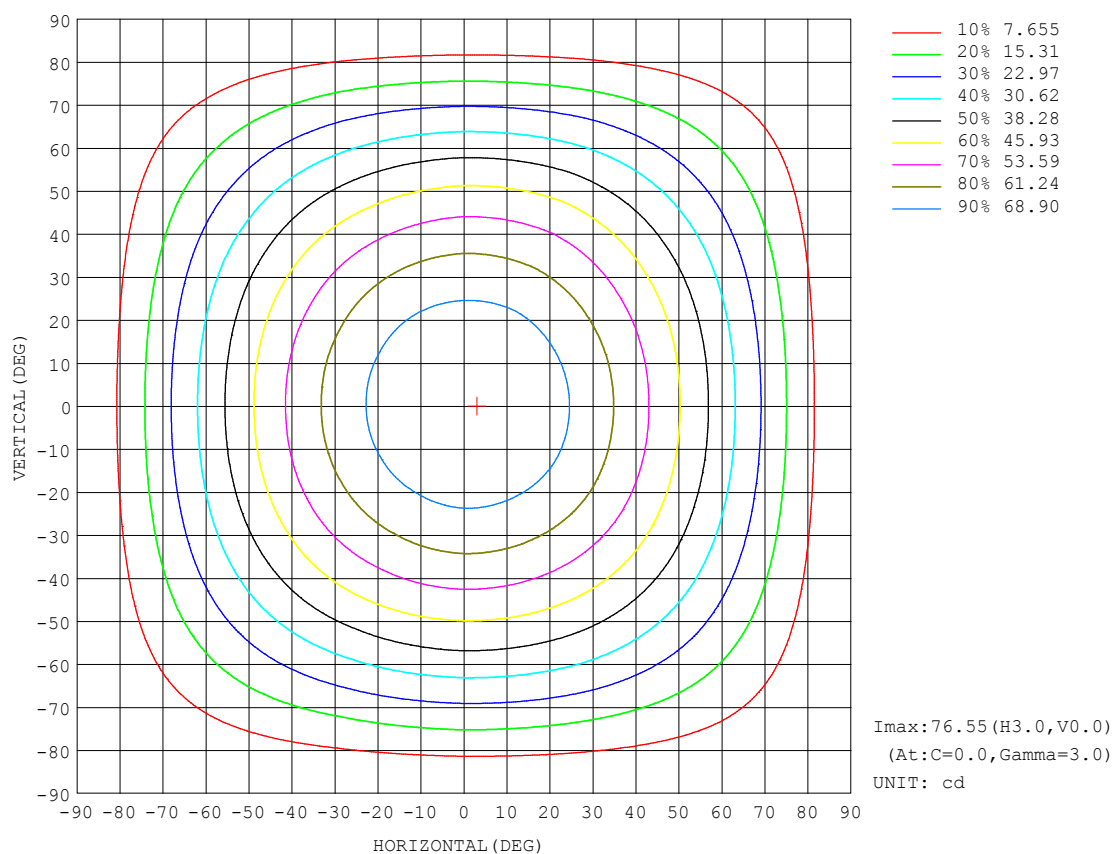
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	85	75
4.00	105	99	94	103	97	93	98	93	90	80
5.00	108	103	98	105	100	97	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

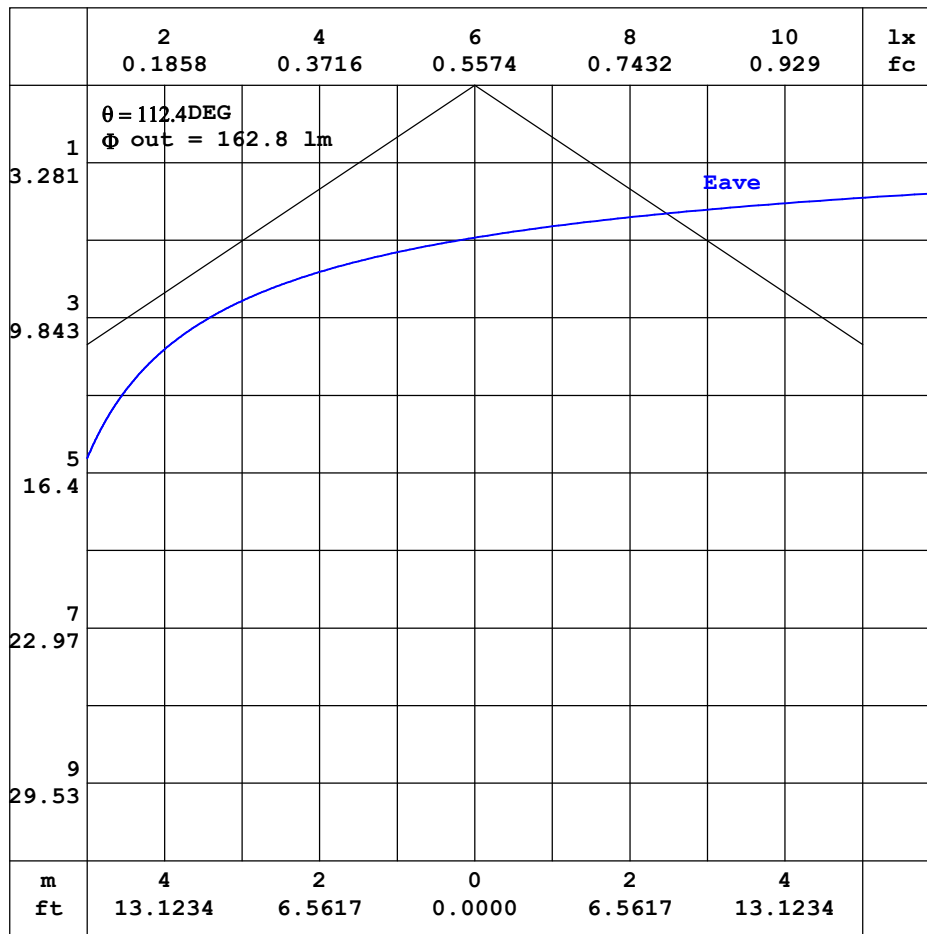


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



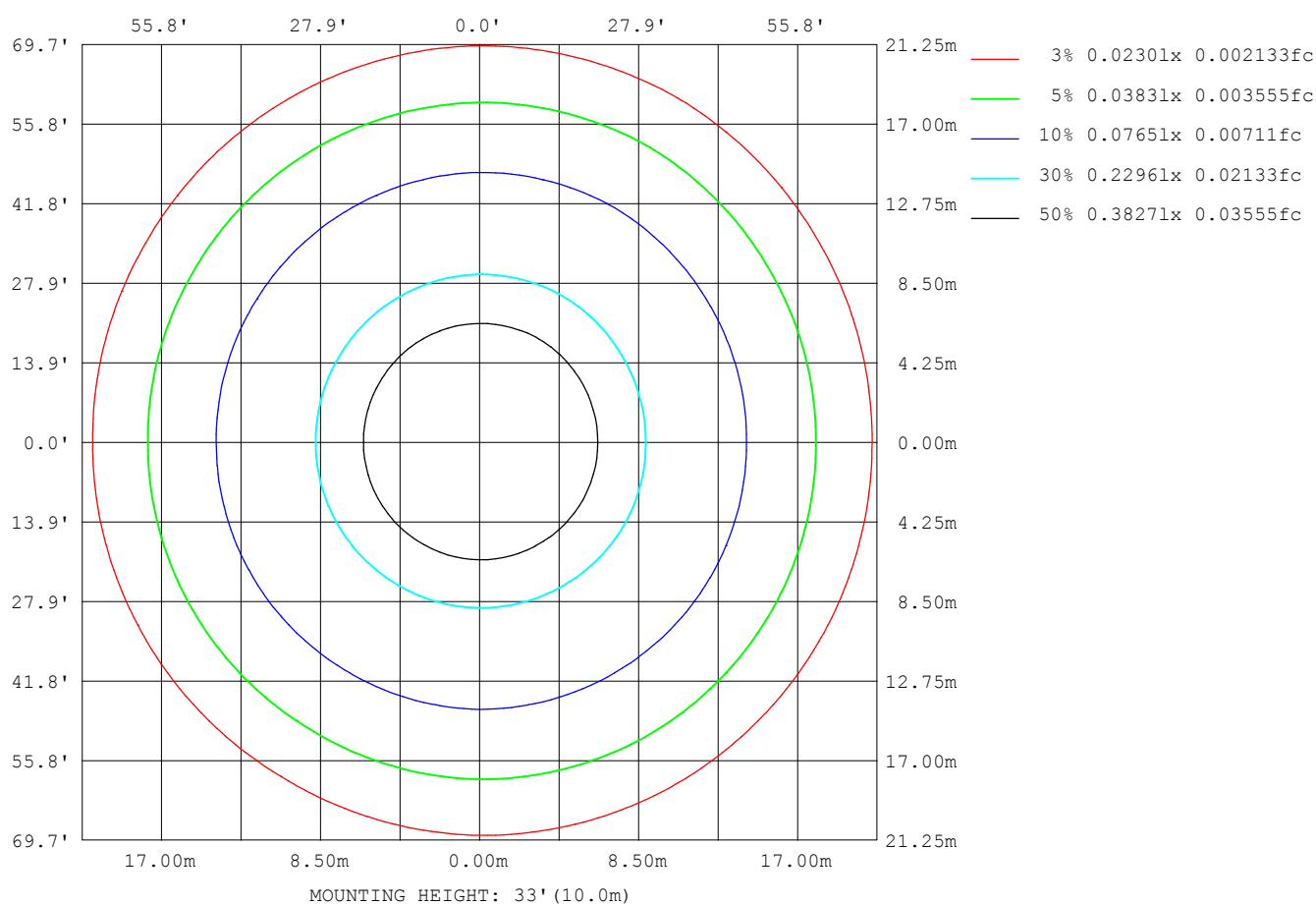
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-26

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

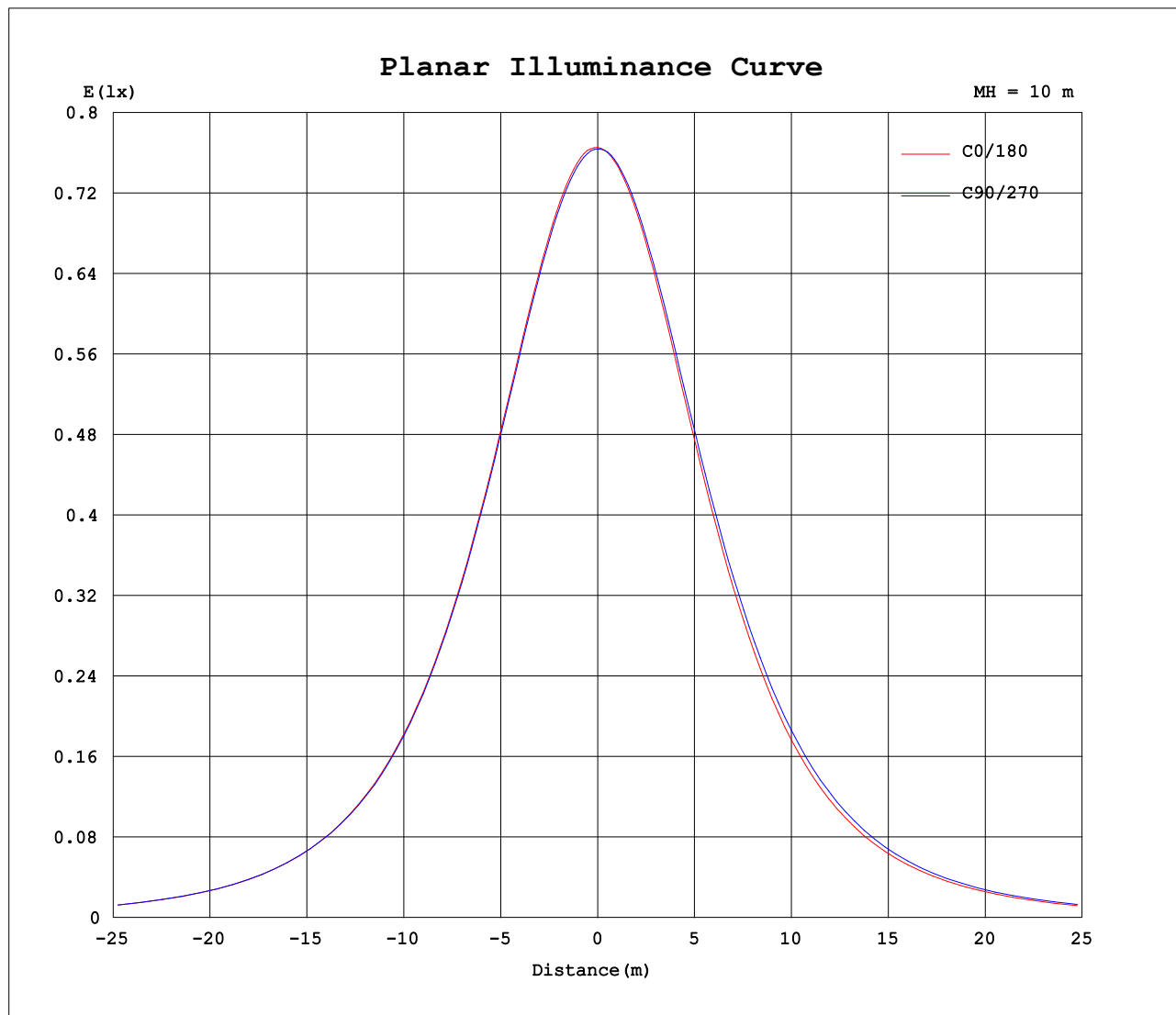
Test:U:24.00V I:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-26

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: 2022-03-26

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:0.3836A P:9.206W PF:1.000 Lamp Flux:228.367x1 lm		
NAME: SF16-24V-3528-120-2200-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032601
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	76.5	76.5	76.4	76.4	76.4	76.3	76.5	76.5	76.4	76.4	76.4	76.3						
5	76.4	76.2	76.2	76.0	75.9	75.8	76.0	76.1	76.1	76.2	76.2	76.2						
10	75.4	75.3	75.2	75.0	74.8	74.7	74.9	74.9	75.1	75.3	75.3	75.3						
15	73.8	73.7	73.5	73.3	73.0	72.9	73.0	73.1	73.5	73.7	73.8	73.7						
20	71.5	71.5	71.2	71.0	70.6	70.5	70.5	70.7	71.2	71.5	71.7	71.4						
25	68.6	68.6	68.3	68.1	67.6	67.4	67.5	67.6	68.3	68.6	68.9	68.6						
30	65.1	65.2	64.8	64.6	64.0	63.8	63.8	64.0	64.8	65.3	65.6	65.2						
35	61.1	61.2	60.8	60.6	59.9	59.7	59.7	60.0	60.8	61.7	61.8	61.2						
40	56.5	56.8	56.3	56.1	55.4	55.2	55.1	55.4	56.4	57.5	57.6	56.7						
45	51.6	51.7	51.4	51.1	50.4	50.1	50.0	50.5	51.3	52.7	52.9	51.8						
50	46.2	46.3	46.1	45.8	45.1	44.7	44.6	45.2	46.0	47.4	47.7	46.6						
55	40.5	40.6	40.5	40.4	39.4	39.1	38.9	39.4	40.3	41.6	41.9	40.9						
60	34.5	34.7	34.9	34.5	33.4	33.2	33.0	33.5	34.4	35.4	35.8	34.8						
65	28.2	28.5	28.6	28.3	27.2	27.0	26.9	27.3	28.3	29.1	29.3	28.5						
70	21.8	22.0	22.1	21.9	20.9	20.7	20.6	20.9	22.0	22.6	22.7	22.1						
75	15.4	15.6	15.6	15.7	14.6	14.5	14.3	14.6	15.6	16.1	16.0	15.7						
80	9.33	9.55	9.40	9.26	8.61	8.57	8.42	8.58	9.26	9.64	9.68	9.43						
85	4.34	4.48	4.25	4.12	3.65	3.92	3.77	3.76	4.02	4.13	4.44	4.38						
90	1.70	1.74	1.80	1.67	1.50	1.47	1.17	1.33	1.44	1.63	1.78	1.70						
95	0.91	1.05	1.47	1.56	1.28	0.91	0.50	0.83	1.15	1.59	1.40	1.00						
100	0.83	0.97	1.38	1.48	1.27	0.90	0.44	0.74	1.11	1.48	1.24	0.82						
105	0.80	0.96	1.34	1.39	1.27	0.91	0.46	0.75	1.10	1.41	1.12	0.72						
110	0.80	0.96	1.29	1.28	1.25	0.93	0.52	0.75	1.10	1.33	1.04	0.70						
115	0.79	0.96	1.20	1.20	1.23	0.96	0.57	0.75	1.05	1.23	1.00	0.70						
120	0.84	0.97	1.12	1.17	1.21	0.99	0.62	0.76	1.02	1.17	0.94	0.70						
125	0.87	0.98	1.08	1.17	1.18	1.02	0.68	0.77	1.00	1.11	0.93	0.71						
130	0.91	0.99	1.07	1.16	1.17	1.04	0.74	0.78	0.98	1.07	0.93	0.71						
135	0.95	1.01	1.06	1.16	1.17	1.07	0.81	0.80	0.97	1.03	0.93	0.76						
140	1.03	1.05	1.07	1.16	1.17	1.09	0.87	0.85	0.97	1.01	0.94	0.81						
145	1.03	1.09	1.08	1.17	1.17	1.12	0.93	0.91	0.98	1.01	0.96	0.86						
150	1.08	1.12	1.11	1.19	1.17	1.16	1.00	0.96	1.02	1.02	1.01	0.91						
155	1.11	1.16	1.13	1.22	1.18	1.18	1.05	1.01	1.07	1.03	1.05	0.97						
160	1.13	1.19	1.16	1.22	1.18	1.21	1.10	1.07	1.12	1.07	1.11	1.04						
165	1.16	1.21	1.17	1.23	1.18	1.21	1.16	1.11	1.16	1.10	1.15	1.08						
170	1.18	1.21	1.19	1.23	1.20	1.22	1.19	1.16	1.21	1.16	1.20	1.13						
175	1.21	1.22	1.20	1.24	1.20	1.22	1.20	1.18	1.22	1.18	1.22	1.17						
180	1.21	1.22	1.23	1.24	1.22	1.22	1.21	1.20	1.22	1.23	1.23	1.20						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-26

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	76.53	76.47	76.43	76.40	76.37	76.32	76.53	76.47	76.43	76.40
3.0	76.55	76.41	76.36	76.24	76.20	76.11	76.32	76.32	76.30	76.38
6.0	76.25	76.12	76.01	75.86	75.76	75.65	75.87	75.90	75.95	76.07
9.0	75.69	75.57	75.41	75.24	75.07	74.99	75.16	75.20	75.36	75.52
12.0	74.88	74.81	74.58	74.40	74.14	74.01	74.21	74.26	74.53	74.72
15.0	73.82	73.74	73.52	73.32	73.00	72.90	73.03	73.12	73.48	73.67
18.0	72.53	72.47	72.22	72.01	71.63	71.47	71.60	71.76	72.17	72.44
21.0	70.99	70.98	70.69	70.50	70.02	69.88	69.98	70.10	70.65	70.94
24.0	69.25	69.28	68.93	68.73	68.23	68.07	68.12	68.36	68.90	69.23
27.0	67.32	67.32	67.00	66.79	66.22	65.99	66.05	66.28	66.97	67.41
30.0	65.11	65.16	64.82	64.64	64.02	63.78	63.82	64.04	64.83	65.35
33.0	62.75	62.86	62.47	62.29	61.61	61.39	61.40	61.69	62.50	63.13
36.0	60.22	60.37	59.96	59.74	59.04	58.87	58.79	59.06	59.98	60.85
39.0	57.50	57.63	57.25	57.08	56.32	56.08	56.02	56.42	57.30	58.31
42.0	54.61	54.78	54.38	54.16	53.42	53.20	53.07	53.52	54.41	55.54
45.0	51.60	51.70	51.39	51.12	50.43	50.11	49.99	50.53	51.35	52.68
48.0	48.42	48.55	48.24	47.99	47.29	46.96	46.82	47.29	48.19	49.57
51.0	45.10	45.26	44.96	44.75	43.99	43.65	43.53	43.97	44.91	46.22
54.0	41.66	41.78	41.62	41.49	40.57	40.22	40.10	40.66	41.50	42.80
57.0	38.11	38.30	38.33	38.13	37.07	36.71	36.60	36.92	38.01	39.19
60.0	34.46	34.72	34.88	34.54	33.44	33.17	32.99	33.52	34.41	35.44
63.0	30.74	30.95	31.19	30.80	29.78	29.53	29.32	29.67	30.74	31.69
66.0	26.92	27.14	27.31	27.04	25.99	25.75	25.60	25.94	27.06	27.80
69.0	23.08	23.31	23.40	23.11	22.20	21.99	21.83	22.24	23.28	23.82
72.0	19.23	19.55	19.52	19.24	18.39	18.30	18.05	18.27	19.44	20.11
75.0	15.36	15.61	15.60	15.66	14.60	14.51	14.32	14.57	15.60	16.05
78.0	11.65	12.00	11.80	11.69	10.92	10.87	10.72	11.02	11.76	12.07
81.0	8.194	8.334	8.259	8.102	7.505	7.439	7.366	7.507	8.093	8.432
84.0	5.158	5.384	5.124	5.032	4.465	4.492	4.549	4.538	4.929	5.141
87.0	3.013	3.087	2.847	2.630	2.389	2.605	2.477	2.573	2.573	2.559
90.0	1.698	1.742	1.802	1.668	1.500	1.466	1.173	1.329	1.436	1.634
93.0	1.052	1.160	1.548	1.598	1.312	0.9947	0.5972	0.9103	1.166	1.603
96.0	0.8898	1.025	1.448	1.563	1.277	0.9079	0.4621	0.8093	1.142	1.563
99.0	0.8395	0.9699	1.387	1.498	1.273	0.9029	0.4472	0.7539	1.115	1.493
102.0	0.8042	0.9661	1.372	1.457	1.270	0.8946	0.4423	0.7449	1.105	1.448
105.0	0.8020	0.9624	1.337	1.392	1.266	0.9097	0.4625	0.7465	1.101	1.407
108.0	0.7999	0.9586	1.317	1.322	1.257	0.9299	0.4878	0.7481	1.098	1.362
111.0	0.7977	0.9599	1.277	1.256	1.246	0.9448	0.5228	0.7496	1.091	1.302
114.0	0.7955	0.9636	1.221	1.211	1.236	0.9600	0.5530	0.7512	1.065	1.252
117.0	0.8090	0.9617	1.166	1.181	1.226	0.9750	0.5882	0.7528	1.025	1.211
120.0	0.8374	0.9666	1.121	1.171	1.206	0.9901	0.6233	0.7595	1.016	1.166
123.0	0.8576	0.9720	1.101	1.171	1.196	1.005	0.6635	0.7676	1.009	1.141
126.0	0.8844	0.9780	1.076	1.171	1.176	1.010	0.6987	0.7730	0.9848	1.106
129.0	0.9146	0.9861	1.070	1.164	1.173	1.030	0.7289	0.7785	0.9798	1.071
132.0	0.9247	0.9952	1.063	1.160	1.169	1.045	0.7741	0.7839	0.9749	1.050
135.0	0.9548	1.010	1.063	1.157	1.169	1.065	0.8093	0.8040	0.9699	1.025
138.0	1.005	1.035	1.067	1.153	1.169	1.076	0.8445	0.8381	0.9689	1.015
141.0	1.027	1.060	1.071	1.158	1.170	1.096	0.8797	0.8593	0.9736	1.005
144.0	1.032	1.086	1.075	1.166	1.170	1.116	0.9248	0.8895	0.9800	1.010
147.0	1.050	1.106	1.087	1.172	1.171	1.131	0.9551	0.9197	0.9952	1.015
150.0	1.080	1.121	1.106	1.190	1.172	1.156	0.9952	0.9648	1.015	1.019
153.0	1.085	1.146	1.121	1.216	1.174	1.171	1.030	0.9900	1.046	1.024
156.0	1.111	1.166	1.137	1.218	1.176	1.186	1.061	1.010	1.076	1.029
159.0	1.121	1.186	1.155	1.223	1.178	1.206	1.101	1.045	1.111	1.050
162.0	1.142	1.196	1.162	1.227	1.179	1.208	1.131	1.080	1.141	1.076
165.0	1.160	1.212	1.169	1.230	1.181	1.211	1.161	1.106	1.161	1.101
168.0	1.181	1.213	1.181	1.232	1.201	1.213	1.191	1.141	1.186	1.141
171.0	1.186	1.214	1.191	1.233	1.201	1.216	1.196	1.166	1.213	1.163
174.0	1.196	1.215	1.201	1.235	1.203	1.219	1.201	1.173	1.217	1.173
177.0	1.201	1.216	1.206	1.236	1.206	1.221	1.206	1.196	1.221	1.191
180.0	1.211	1.216	1.231	1.236	1.216	1.221	1.206	1.201	1.221	1.231
G/C	300.0	330.0								
0.0	76.37	76.32								
3.0	76.32	76.34								
6.0	76.06	76.08								
9.0	75.54	75.55								
12.0	74.81	74.76								
15.0	73.82	73.71								
18.0	72.61	72.50								
21.0	71.17	70.92								
24.0	69.50	69.28								
27.0	67.61	67.27								
30.0	65.57	65.19								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-26

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:

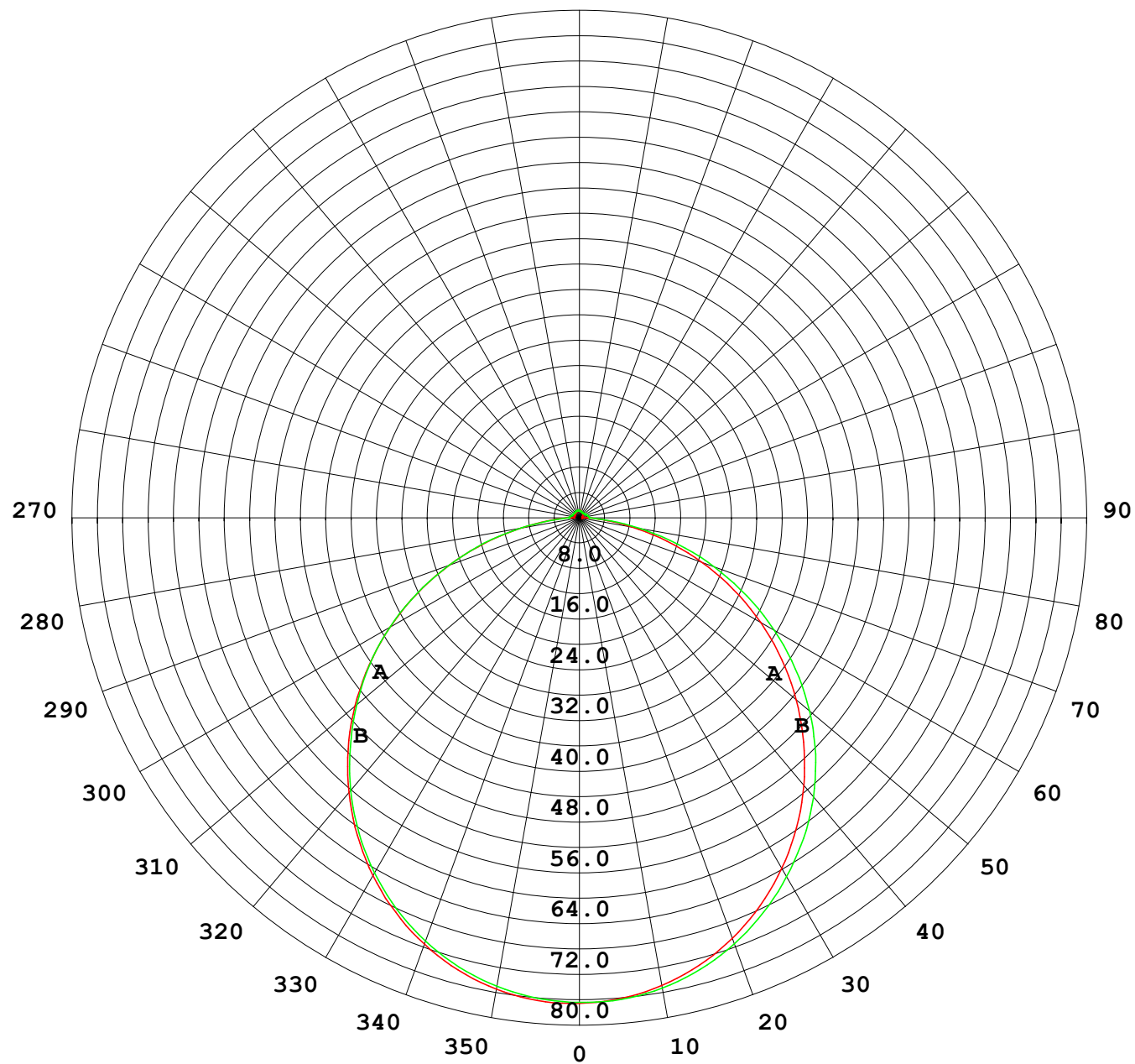
Photometric Data Table [cd]

33.0	63.34	62.89
36.0	60.96	60.32
39.0	58.44	57.61
42.0	55.78	54.81
45.0	52.89	51.80
48.0	49.83	48.66
51.0	46.58	45.41
54.0	43.12	42.14
57.0	39.53	38.39
60.0	35.76	34.83
63.0	31.94	31.02
66.0	28.02	27.15
69.0	24.04	23.39
72.0	20.02	19.40
75.0	16.05	15.65
78.0	12.17	11.95
81.0	8.536	8.341
84.0	5.366	5.206
87.0	2.965	2.961
90.0	1.777	1.696
93.0	1.482	1.122
96.0	1.357	0.9703
99.0	1.261	0.8447
102.0	1.186	0.7742
105.0	1.121	0.7238
108.0	1.080	0.7087
111.0	1.025	0.7026
114.0	0.9951	0.7029
117.0	0.9648	0.7032
120.0	0.9448	0.7043
123.0	0.9362	0.7068
126.0	0.9304	0.7094
129.0	0.9302	0.7119
132.0	0.9300	0.7286
135.0	0.9298	0.7628
138.0	0.9348	0.7839
141.0	0.9399	0.8241
144.0	0.9599	0.8442
147.0	0.9801	0.8795
150.0	1.005	0.9147
153.0	1.025	0.9598
156.0	1.056	0.9999
159.0	1.091	1.020
162.0	1.121	1.070
165.0	1.151	1.080
168.0	1.186	1.116
171.0	1.206	1.151
174.0	1.217	1.161
177.0	1.226	1.176
180.0	1.231	1.196

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-26

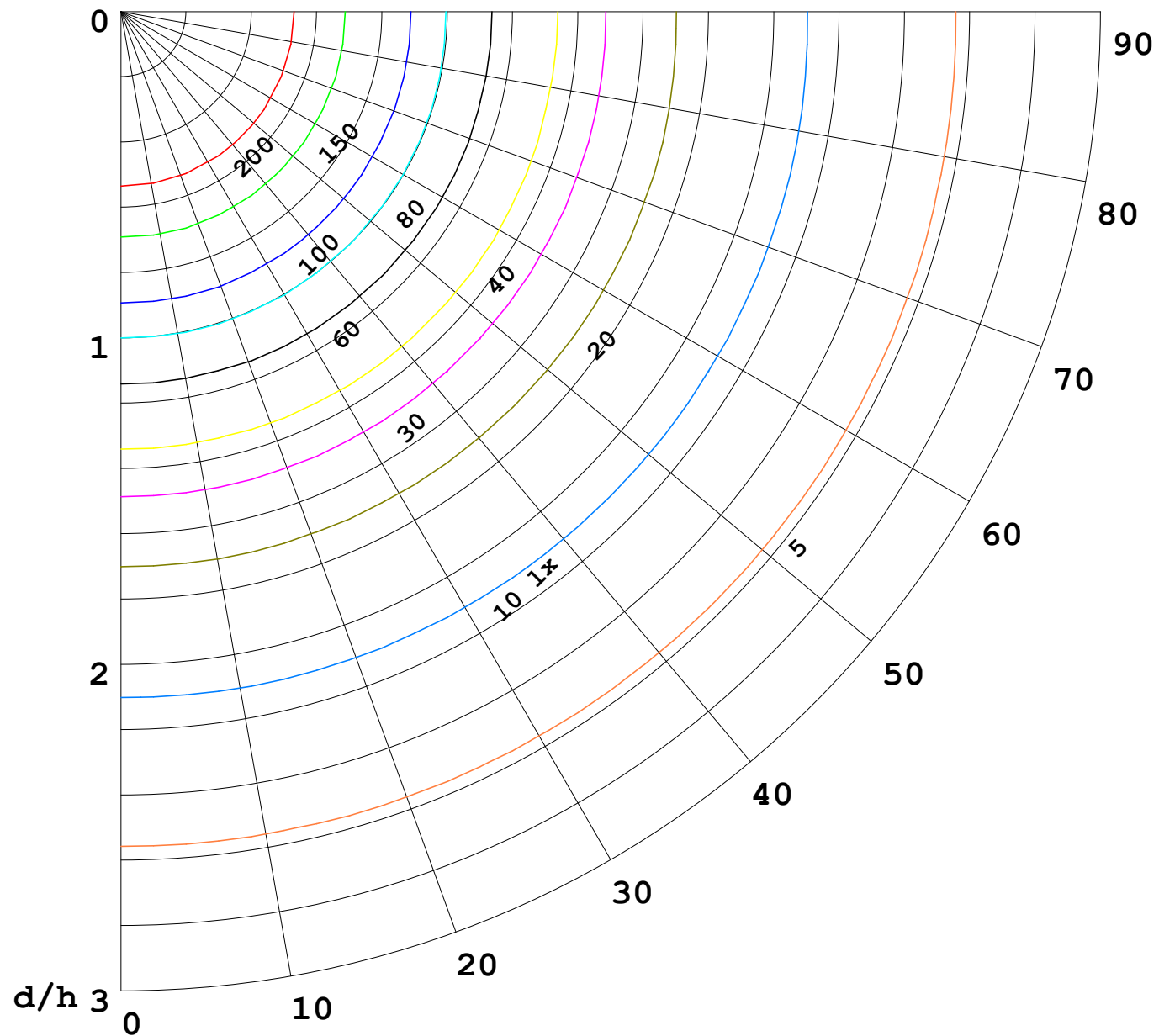
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

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

