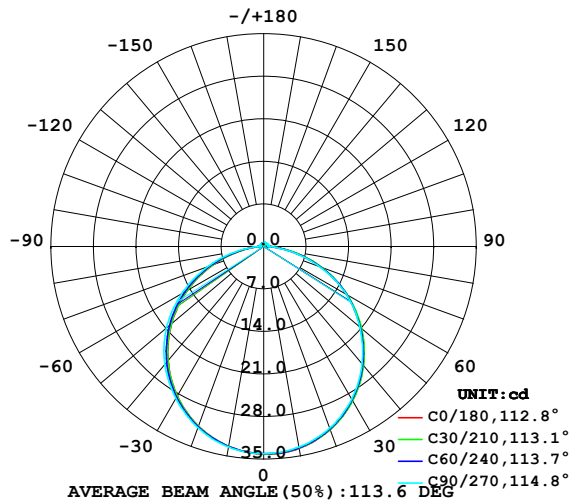


LUMINAIRE PHOTOMETRIC TEST REPORT

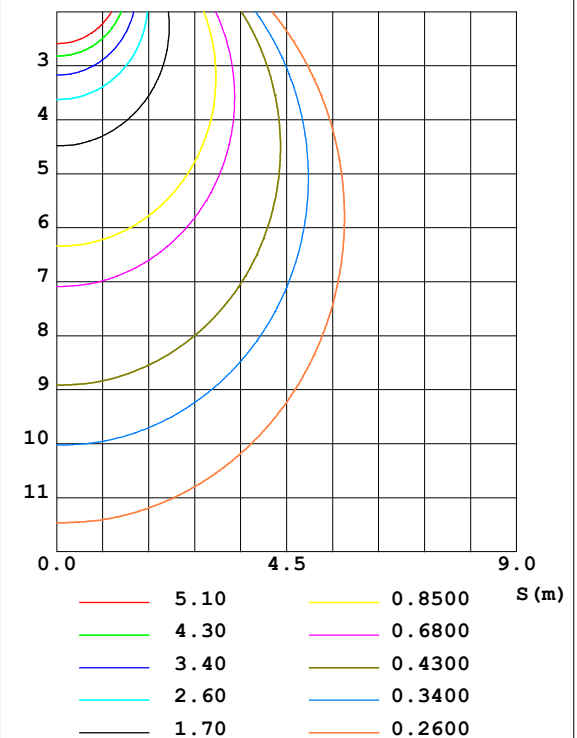
Test:U:24.00V I:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 11.83 lm/W			
MODEL	3528	I _{max} (cd)	34.16	S/MH (C0/180)	1.27
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	102.43	η UP, DN (C0-180)	1.8, 48.6
NOMINAL FLUX (lm)	102.404	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.1
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



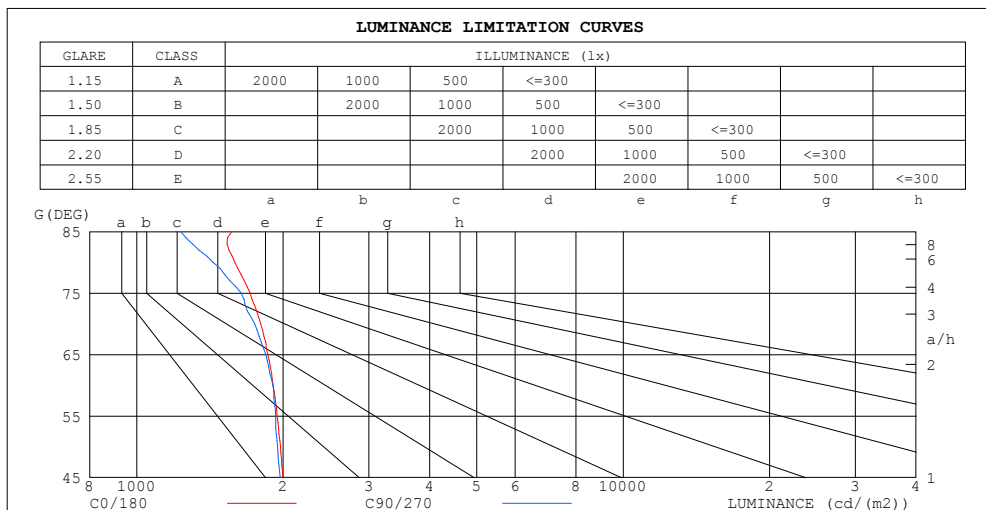
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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	33.73	33.66	33.52	33.38	33.38	33.40	33.51	33.55	0- 10	3.227	3.227	3.15,3.15
20	32.05	31.99	31.80	31.53	31.44	31.51	31.72	31.86	10- 20	9.247	12.47	12.2,12.2
30	29.26	29.22	29.01	28.60	28.41	28.56	28.90	29.09	20- 30	14.03	26.50	25.9,25.9
40	25.50	25.48	25.19	24.73	24.50	24.70	25.32	25.43	30- 40	16.95	43.44	42.4,42.4
50	20.93	20.92	20.67	20.09	19.81	20.04	20.90	21.03	40- 50	17.66	61.11	59.7,59.7
60	15.75	15.82	15.72	14.80	14.53	14.77	15.58	15.91	50- 60	16.09	77.20	75.4,75.4
70	10.14	10.11	9.855	9.117	8.879	9.151	9.830	10.25	60- 70	12.40	89.60	87.5,87.5
80	4.559	4.441	4.112	3.579	3.412	3.623	4.171	4.547	70- 80	7.187	96.79	94.5,94.5
90	0.8817	0.8092	0.8148	0.6986	0.5016	0.5906	0.6689	0.8020	80- 90	2.197	98.98	96.6,96.7
100	0.4060	0.5725	0.7437	0.6010	0.3210	0.4764	0.6665	0.5045	90-100	0.6274	99.61	97.2,97.3
110	0.4073	0.5632	0.7186	0.5947	0.3116	0.4602	0.6534	0.4640	100-110	0.5585	100.2	97.8,97.8
120	0.4120	0.5699	0.6936	0.5941	0.3368	0.4592	0.5931	0.4620	110-120	0.5149	100.7	98.3,98.3
130	0.4523	0.5745	0.6762	0.6021	0.4122	0.4601	0.5736	0.4643	120-130	0.4694	101.2	98.8,98.8
140	0.5216	0.5869	0.6477	0.6123	0.4825	0.4894	0.5731	0.4846	130-140	0.4145	101.6	99.2,99.2
150	0.5427	0.6044	0.6450	0.6218	0.5479	0.5428	0.5772	0.5202	140-150	0.3509	101.9	99.5,99.5
160	0.6007	0.6253	0.6533	0.6440	0.6082	0.5850	0.5813	0.5679	150-160	0.2726	102.2	99.8,99.8
170	0.6330	0.6423	0.6590	0.6425	0.6263	0.6307	0.6006	0.6235	160-170	0.1756	102.4	99.9,100
180	0.6734	0.6533	0.6332	0.6458	0.6332	0.6483	0.6483	0.6609	170-180	0.0610	102.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1569	1231
80	1591	1435
75	1709	1639
70	1797	1746
65	1859	1842
60	1909	1905
55	1943	1931
50	1974	1949
45	1997	1972

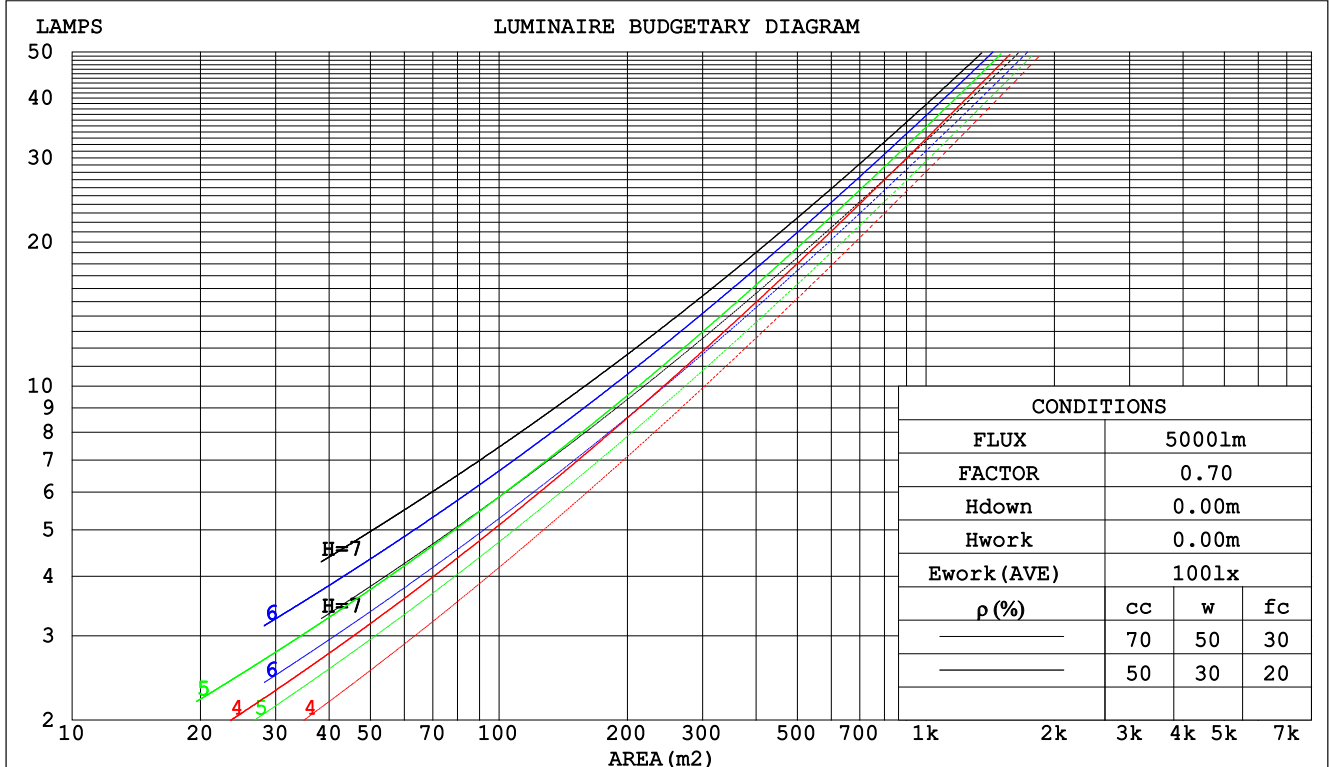
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	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	.35	.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	.29	.25	.35	.29	.25	.23



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

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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm					
NAME: SF16-24V-3528-120-P			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	.290	.166	.053	.276	.159	.051	.263	.153	.049		
2.0	.293	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.249	.141	.044		
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.241	.132	.041	.231	.128	.040		
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.231	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.192	.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	.025	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.153	.077	.022		
10.0	.163	.078	.022	.160	.077	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.206	.182	.160	.177	.156	.138	.121	.107	.095	.070	.062	.055	.022	.020	.018	
2.0	.199	.158	.124	.170	.136	.107	.117	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.191	.140	.100	.164	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.183	.127	.085	.157	.110	.073	.108	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.176	.117	.074	.151	.101	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
6.0	.169	.109	.066	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
8.0	.155	.096	.055	.134	.083	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
9.0	.149	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.075	.043	.086	.053	.030	.050	.031	.018	.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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm											
NAME: SF16-24V-3528-120-P						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	15.1	16.6	15.4	16.9	17.1	15.1	16.6	15.4	16.8	17.1	
	3H	16.7	18.1	17.1	18.4	18.7	16.6	18.0	17.0	18.3	18.6
	4H	17.4	18.7	17.8	19.0	19.3	17.3	18.6	17.6	18.9	19.2
	6H	17.9	19.1	18.3	19.4	19.8	17.7	18.9	18.1	19.2	19.6
	8H	18.0	19.2	18.4	19.6	19.9	17.8	19.0	18.2	19.3	19.7
	12H	18.2	19.3	18.6	19.7	20.0	17.9	19.0	18.3	19.4	19.8
4H	2H	15.8	17.0	16.1	17.4	17.7	15.7	17.0	16.1	17.3	17.7
	3H	17.5	18.7	17.9	19.0	19.4	17.5	18.6	17.9	18.9	19.3
	4H	18.3	19.4	18.8	19.8	20.2	18.2	19.2	18.6	19.6	20.0
	6H	19.0	19.9	19.4	20.3	20.7	18.8	19.7	19.2	20.1	20.5
	8H	19.2	20.0	19.6	20.5	20.9	18.9	19.8	19.4	20.2	20.7
	12H	19.4	20.1	19.8	20.6	21.1	19.1	19.8	19.5	20.3	20.8
8H	4H	18.6	19.5	19.1	19.9	20.3	18.5	19.3	19.0	19.8	20.2
	6H	19.4	20.1	19.9	20.6	21.1	19.2	19.9	19.7	20.4	20.9
	8H	19.7	20.3	20.2	20.8	21.4	19.5	20.1	20.0	20.6	21.1
	12H	20.0	20.5	20.5	21.0	21.6	19.7	20.2	20.2	20.7	21.3
12H	4H	18.6	19.4	19.1	19.8	20.3	18.5	19.3	19.0	19.7	20.2
	6H	19.5	20.1	20.0	20.6	21.1	19.3	19.9	19.8	20.4	20.9
	8H	19.8	20.4	20.3	20.9	21.4	19.6	20.1	20.1	20.6	21.2
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 102.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -7.9)

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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

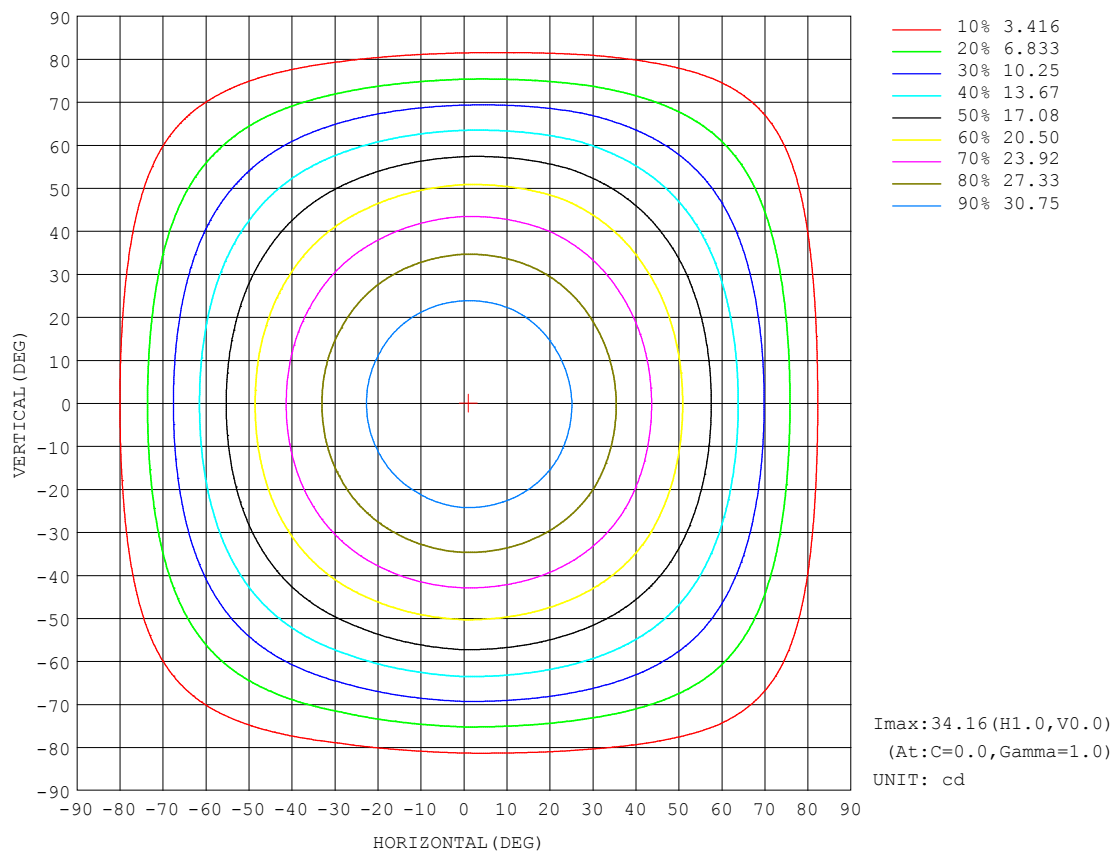
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	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	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	108	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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

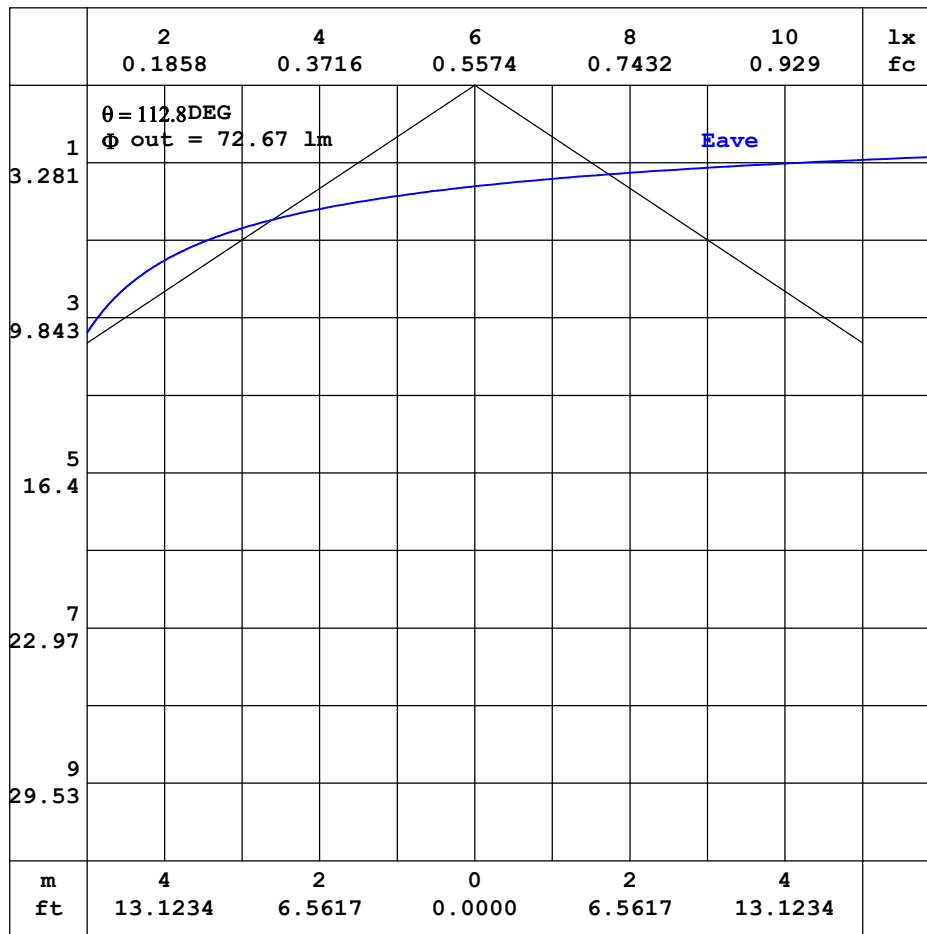


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



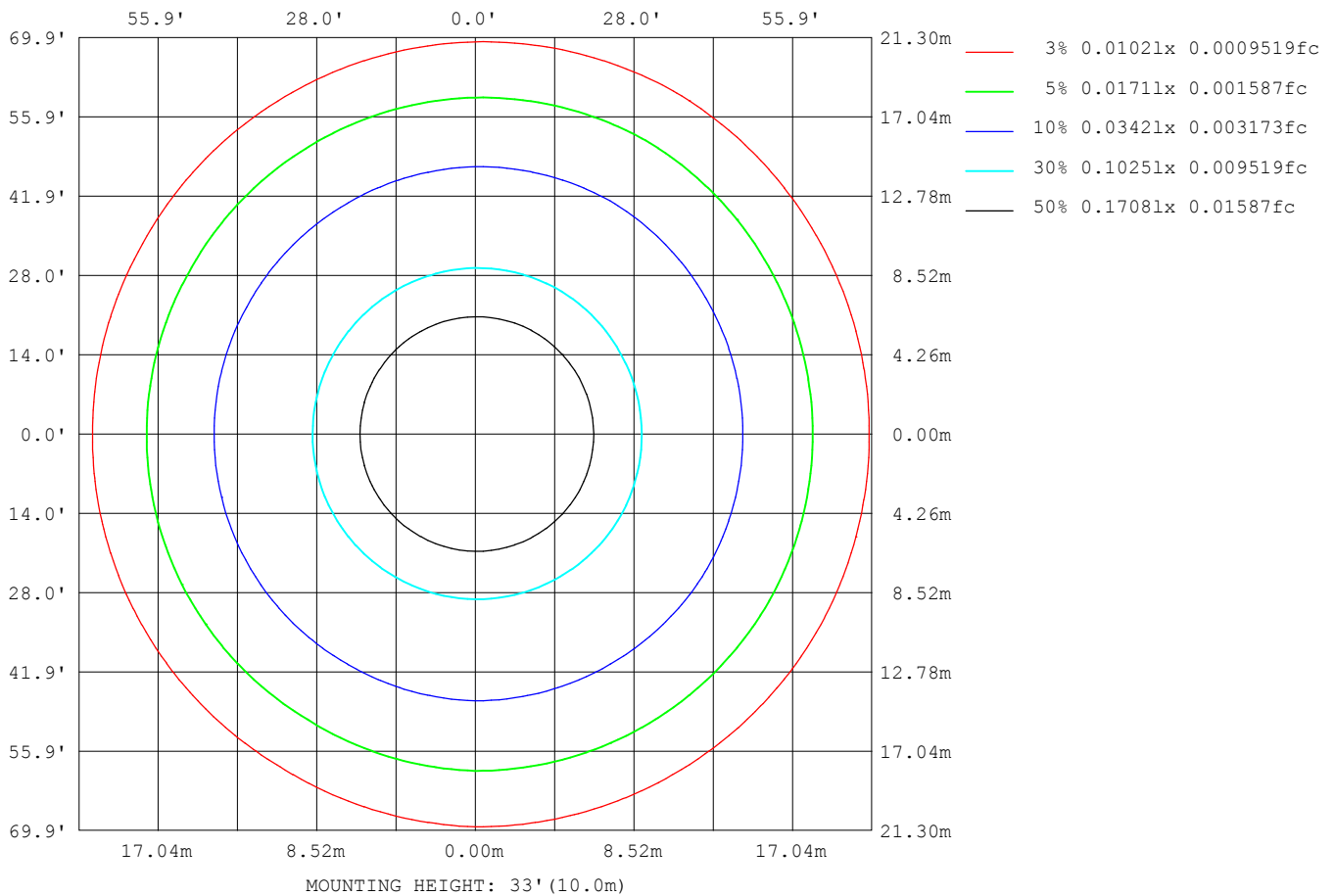
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

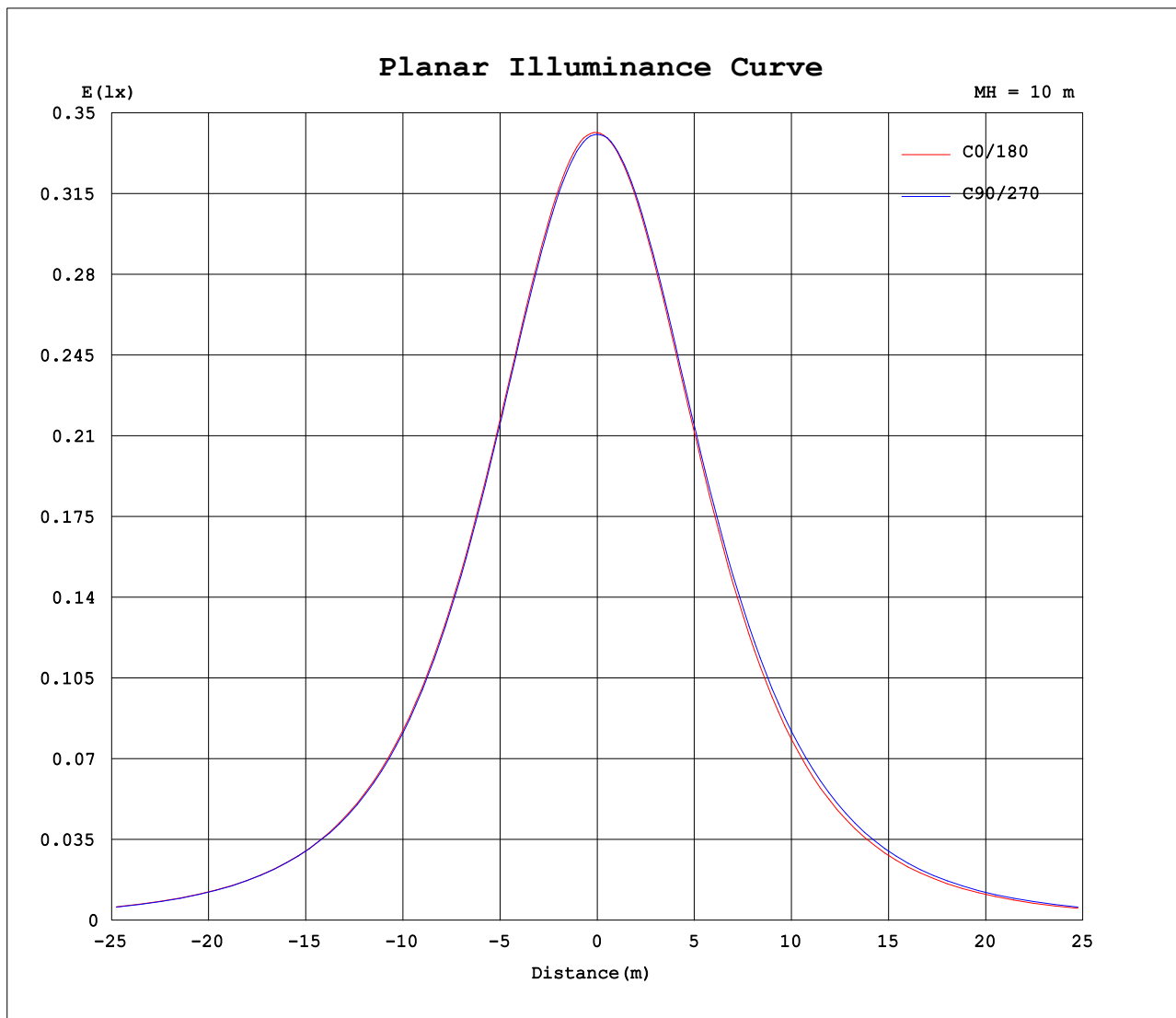
Test:U:24.00V I:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3607A P:8.656W PF:1.000 Lamp Flux:102.404x1 lm		
NAME: SF16-24V-3528-120-P	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	34.2	34.1	34.1	34.1	34.0	34.0	34.2	34.1	34.1	34.1	34.0	34.0						
5	34.1	34.0	34.0	33.9	33.9	33.8	33.9	33.9	33.9	33.9	34.0	33.9	34.0					
10	33.7	33.7	33.6	33.5	33.4	33.3	33.4	33.4	33.4	33.5	33.5	33.6						
15	33.0	33.0	32.9	32.8	32.7	32.5	32.5	32.6	32.6	32.7	32.8	32.9						
20	32.0	32.0	31.9	31.8	31.6	31.5	31.4	31.5	31.6	31.7	31.8	31.9						
25	30.8	30.8	30.7	30.5	30.3	30.1	30.0	30.1	30.3	30.4	30.6	30.6						
30	29.3	29.3	29.2	29.0	28.7	28.5	28.4	28.5	28.7	28.9	29.1	29.1						
35	27.5	27.5	27.4	27.2	26.9	26.7	26.6	26.6	26.9	27.2	27.3	27.3						
40	25.5	25.6	25.4	25.2	24.8	24.6	24.5	24.5	24.9	25.3	25.5	25.4						
45	23.3	23.4	23.2	23.0	22.6	22.4	22.2	22.3	22.6	23.2	23.4	23.2						
50	20.9	21.0	20.8	20.7	20.2	20.0	19.8	19.9	20.2	20.9	21.2	20.9						
55	18.4	18.5	18.3	18.3	17.6	17.4	17.2	17.3	17.7	18.3	18.7	18.4						
60	15.7	15.9	15.8	15.7	14.9	14.7	14.5	14.6	15.0	15.6	16.0	15.8						
65	13.0	13.1	12.9	12.8	12.1	11.9	11.7	11.8	12.2	12.7	13.2	13.0						
70	10.1	10.2	10.0	9.86	9.19	9.04	8.88	8.94	9.36	9.83	10.3	10.2						
75	7.30	7.36	7.08	7.00	6.33	6.21	6.03	6.13	6.47	7.01	7.35	7.35						
80	4.56	4.60	4.28	4.11	3.62	3.53	3.41	3.49	3.76	4.17	4.51	4.59						
85	2.26	2.25	1.94	1.77	1.53	1.56	1.46	1.51	1.55	1.78	2.06	2.23						
90	0.88	0.84	0.78	0.81	0.72	0.67	0.50	0.60	0.58	0.67	0.75	0.86						
95	0.42	0.50	0.67	0.76	0.68	0.54	0.34	0.43	0.57	0.66	0.63	0.46						
100	0.41	0.49	0.66	0.74	0.67	0.53	0.32	0.40	0.55	0.67	0.58	0.43						
105	0.40	0.48	0.65	0.73	0.67	0.53	0.32	0.39	0.53	0.67	0.55	0.41						
110	0.41	0.48	0.65	0.72	0.66	0.53	0.31	0.38	0.54	0.65	0.54	0.39						
115	0.41	0.49	0.65	0.71	0.66	0.52	0.32	0.38	0.54	0.62	0.53	0.39						
120	0.41	0.50	0.64	0.69	0.66	0.53	0.34	0.38	0.54	0.59	0.53	0.39						
125	0.45	0.52	0.63	0.69	0.66	0.54	0.37	0.38	0.54	0.58	0.53	0.39						
130	0.45	0.53	0.62	0.68	0.65	0.55	0.41	0.38	0.54	0.57	0.53	0.40						
135	0.48	0.54	0.61	0.66	0.64	0.57	0.45	0.40	0.54	0.57	0.53	0.40						
140	0.52	0.56	0.61	0.65	0.64	0.59	0.48	0.43	0.55	0.57	0.54	0.43						
145	0.53	0.58	0.61	0.65	0.63	0.60	0.51	0.47	0.55	0.58	0.54	0.45						
150	0.54	0.60	0.61	0.64	0.63	0.61	0.55	0.52	0.56	0.58	0.56	0.48						
155	0.56	0.61	0.61	0.64	0.63	0.64	0.58	0.53	0.58	0.58	0.57	0.51						
160	0.60	0.64	0.61	0.65	0.63	0.66	0.61	0.56	0.61	0.58	0.60	0.53						
165	0.61	0.65	0.61	0.66	0.63	0.65	0.62	0.61	0.63	0.59	0.63	0.56						
170	0.63	0.66	0.63	0.66	0.63	0.66	0.63	0.61	0.65	0.60	0.65	0.60						
175	0.66	0.67	0.63	0.66	0.63	0.66	0.63	0.61	0.67	0.61	0.66	0.61						
180	0.67	0.67	0.63	0.63	0.63	0.66	0.63	0.63	0.67	0.65	0.67	0.65						

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	34.15	34.12	34.09	34.07	34.05	34.02	34.15	34.12	34.09	34.07
3.0	34.16	34.10	34.08	34.03	34.02	33.93	34.05	34.06	34.00	34.06
6.0	34.08	33.99	33.98	33.88	33.84	33.74	33.84	33.85	33.82	33.89
9.0	33.84	33.77	33.73	33.62	33.55	33.44	33.52	33.53	33.53	33.63
12.0	33.49	33.44	33.39	33.26	33.15	33.02	33.08	33.10	33.13	33.24
15.0	33.04	33.00	32.93	32.80	32.65	32.51	32.55	32.57	32.62	32.75
18.0	32.47	32.47	32.38	32.24	32.07	31.94	31.93	31.94	32.03	32.18
21.0	31.82	31.81	31.71	31.60	31.36	31.18	31.18	31.21	31.33	31.48
24.0	31.05	31.09	30.95	30.83	30.55	30.42	30.36	30.38	30.52	30.69
27.0	30.20	30.23	30.09	29.95	29.67	29.47	29.45	29.47	29.64	29.84
30.0	29.26	29.29	29.15	29.01	28.68	28.52	28.41	28.46	28.66	28.90
33.0	28.22	28.29	28.11	27.96	27.61	27.42	27.34	27.35	27.60	27.89
36.0	27.11	27.20	27.00	26.81	26.47	26.26	26.17	26.21	26.48	26.84
39.0	25.91	25.97	25.80	25.61	25.25	25.03	24.90	24.96	25.27	25.71
42.0	24.64	24.75	24.53	24.35	23.95	23.72	23.62	23.66	23.98	24.50
45.0	23.30	23.40	23.18	23.00	22.59	22.43	22.24	22.28	22.62	23.22
48.0	21.90	22.01	21.78	21.59	21.17	20.93	20.76	20.85	21.21	21.87
51.0	20.44	20.55	20.30	20.18	19.67	19.51	19.31	19.36	19.72	20.39
54.0	18.92	19.02	18.78	18.74	18.12	17.89	17.74	17.82	18.18	18.86
57.0	17.35	17.45	17.29	17.25	16.54	16.36	16.14	16.22	16.61	17.24
60.0	15.75	15.88	15.77	15.72	14.90	14.69	14.53	14.55	14.98	15.58
63.0	14.10	14.19	14.12	13.98	13.21	12.99	12.84	12.91	13.32	13.91
66.0	12.40	12.51	12.36	12.24	11.52	11.33	11.14	11.22	11.66	12.18
69.0	10.72	10.79	10.61	10.46	9.771	9.614	9.452	9.488	9.934	10.41
72.0	9.003	9.126	8.843	8.619	8.038	7.880	7.708	7.800	8.180	8.770
75.0	7.299	7.363	7.083	7.001	6.334	6.208	6.025	6.126	6.473	7.011
78.0	5.620	5.695	5.364	5.202	4.650	4.574	4.412	4.482	4.819	5.262
81.0	4.056	4.066	3.760	3.599	3.131	3.077	2.945	3.014	3.261	3.643
84.0	2.649	2.660	2.337	2.177	1.849	1.857	1.760	1.798	1.920	2.186
87.0	1.587	1.536	1.295	1.144	1.033	1.089	0.9680	1.017	0.9832	1.103
90.0	0.8817	0.8381	0.7802	0.8148	0.7244	0.6728	0.5016	0.5989	0.5824	0.6689
93.0	0.5085	0.5023	0.6747	0.7728	0.6845	0.5686	0.3432	0.4525	0.5721	0.6641
96.0	0.4172	0.4967	0.6639	0.7524	0.6755	0.5326	0.3337	0.4223	0.5619	0.6651
99.0	0.4090	0.4911	0.6572	0.7388	0.6725	0.5311	0.3242	0.4071	0.5516	0.6661
102.0	0.4035	0.4855	0.6528	0.7320	0.6694	0.5295	0.3147	0.3996	0.5414	0.6672
105.0	0.4049	0.4799	0.6497	0.7270	0.6664	0.5279	0.3155	0.3937	0.5347	0.6682
108.0	0.4063	0.4743	0.6492	0.7220	0.6647	0.5264	0.3163	0.3887	0.5352	0.6634
111.0	0.4078	0.4775	0.6487	0.7170	0.6637	0.5248	0.3133	0.3830	0.5356	0.6434
114.0	0.4092	0.4875	0.6469	0.7106	0.6626	0.5232	0.3184	0.3811	0.5361	0.6283
117.0	0.4106	0.4926	0.6426	0.7024	0.6615	0.5227	0.3317	0.3812	0.5366	0.6131
120.0	0.4120	0.5016	0.6383	0.6936	0.6605	0.5277	0.3368	0.3814	0.5371	0.5931
123.0	0.4522	0.5126	0.6312	0.6896	0.6594	0.5378	0.3569	0.3815	0.5375	0.5880
126.0	0.4522	0.5177	0.6254	0.6845	0.6568	0.5428	0.3820	0.3817	0.5376	0.5811
129.0	0.4523	0.5267	0.6205	0.6789	0.6528	0.5578	0.3972	0.3819	0.5377	0.5755
132.0	0.4573	0.5350	0.6168	0.6710	0.6484	0.5604	0.4172	0.3869	0.5394	0.5698
135.0	0.4774	0.5437	0.6142	0.6603	0.6450	0.5679	0.4473	0.4021	0.5411	0.5711
138.0	0.5155	0.5544	0.6122	0.6483	0.6399	0.5730	0.4675	0.4372	0.5441	0.5723
141.0	0.5247	0.5679	0.6102	0.6474	0.6352	0.5830	0.4876	0.4372	0.5479	0.5735
144.0	0.5296	0.5730	0.6098	0.6466	0.6310	0.5941	0.5077	0.4573	0.5516	0.5747
147.0	0.5345	0.5880	0.6103	0.6458	0.6308	0.6031	0.5278	0.4974	0.5569	0.5760
150.0	0.5427	0.5981	0.6108	0.6450	0.6305	0.6132	0.5479	0.5226	0.5629	0.5772
153.0	0.5528	0.6082	0.6112	0.6441	0.6302	0.6232	0.5680	0.5291	0.5731	0.5784
156.0	0.5778	0.6232	0.6117	0.6433	0.6300	0.6333	0.5830	0.5356	0.5930	0.5797
159.0	0.5994	0.6333	0.6122	0.6484	0.6297	0.6534	0.6031	0.5528	0.6081	0.5809
162.0	0.6035	0.6433	0.6127	0.6540	0.6295	0.6537	0.6183	0.5798	0.6183	0.5821
165.0	0.6076	0.6513	0.6131	0.6559	0.6292	0.6546	0.6213	0.6080	0.6333	0.5880
168.0	0.6117	0.6555	0.6241	0.6578	0.6290	0.6555	0.6243	0.6081	0.6484	0.5968
171.0	0.6432	0.6585	0.6272	0.6596	0.6287	0.6565	0.6273	0.6081	0.6584	0.6024
174.0	0.6483	0.6660	0.6302	0.6615	0.6285	0.6574	0.6303	0.6081	0.6654	0.6081
177.0	0.6633	0.6734	0.6332	0.6634	0.6282	0.6584	0.6332	0.6232	0.6684	0.6182
180.0	0.6734	0.6734	0.6332	0.6332	0.6332	0.6584	0.6332	0.6282	0.6684	0.6483
G/C	300.0	330.0								
0.0	34.05	34.02								
3.0	34.01	34.02								
6.0	33.87	33.93								
9.0	33.63	33.69								
12.0	33.27	33.33								
15.0	32.82	32.85								
18.0	32.27	32.32								
21.0	31.61	31.63								
24.0	30.85	30.91								
27.0	29.99	30.01								
30.0	29.06	29.12								

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:

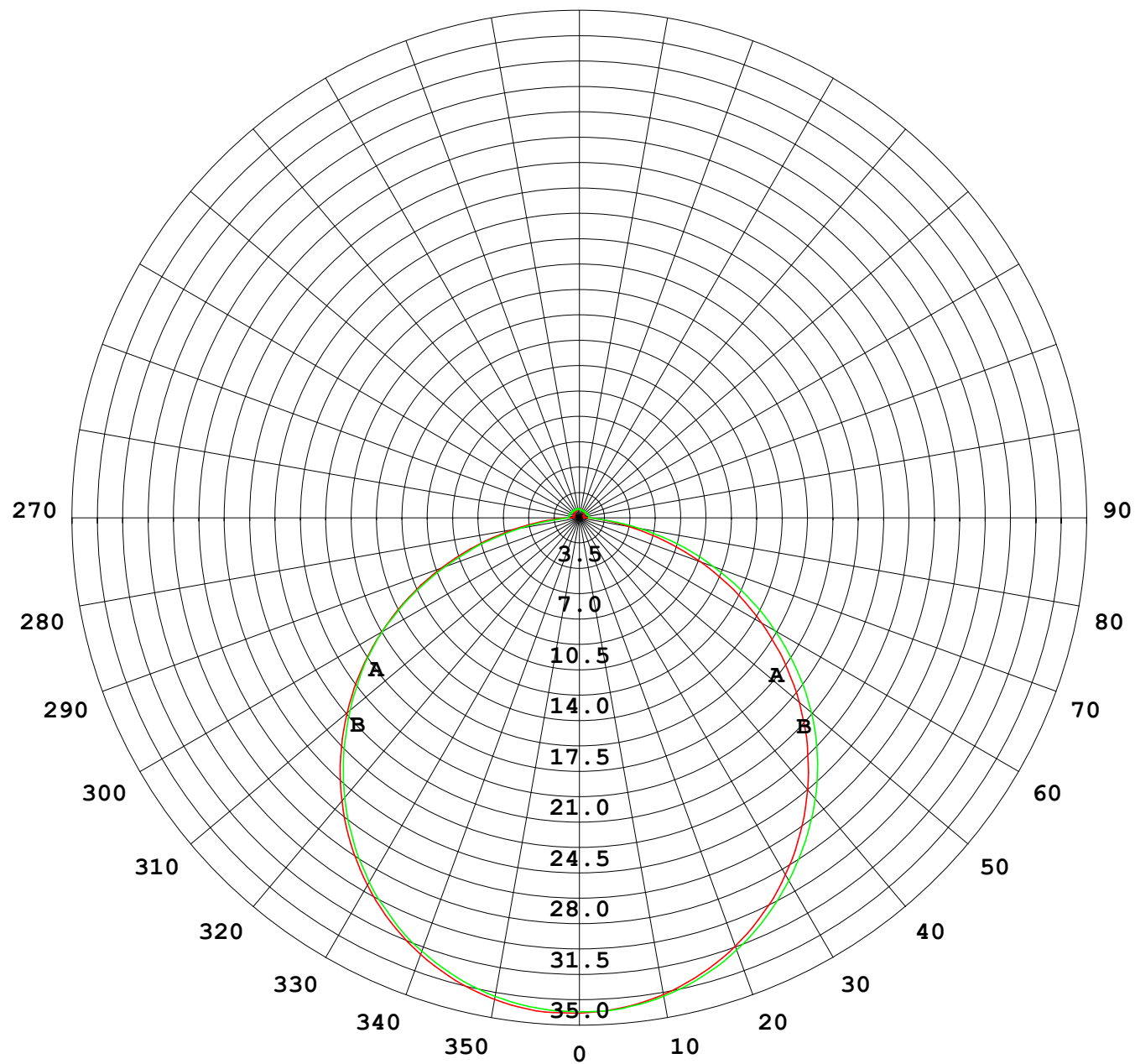
Photometric Data Table [cd]

33.0	28.05	28.09
36.0	26.99	26.98
39.0	25.86	25.78
42.0	24.67	24.52
45.0	23.44	23.20
48.0	22.11	21.82
51.0	20.73	20.39
54.0	19.24	18.94
57.0	17.67	17.39
60.0	16.04	15.77
63.0	14.35	14.16
66.0	12.63	12.48
69.0	10.88	10.77
72.0	9.115	9.067
75.0	7.352	7.348
78.0	5.633	5.659
81.0	3.984	4.070
84.0	2.497	2.643
87.0	1.359	1.546
90.0	0.7481	0.8559
93.0	0.6541	0.5232
96.0	0.6185	0.4474
99.0	0.5829	0.4272
102.0	0.5648	0.4238
105.0	0.5477	0.4113
108.0	0.5393	0.4021
111.0	0.5343	0.3922
114.0	0.5318	0.3928
117.0	0.5294	0.3934
120.0	0.5301	0.3940
123.0	0.5308	0.3946
126.0	0.5315	0.3952
129.0	0.5322	0.3958
132.0	0.5335	0.3964
135.0	0.5348	0.3970
138.0	0.5361	0.4221
141.0	0.5374	0.4353
144.0	0.5478	0.4443
147.0	0.5479	0.4573
150.0	0.5579	0.4824
153.0	0.5730	0.5075
156.0	0.5830	0.5156
159.0	0.5981	0.5276
162.0	0.6082	0.5477
165.0	0.6283	0.5579
168.0	0.6383	0.6030
171.0	0.6504	0.6031
174.0	0.6684	0.6106
177.0	0.6684	0.6181
180.0	0.6684	0.6533

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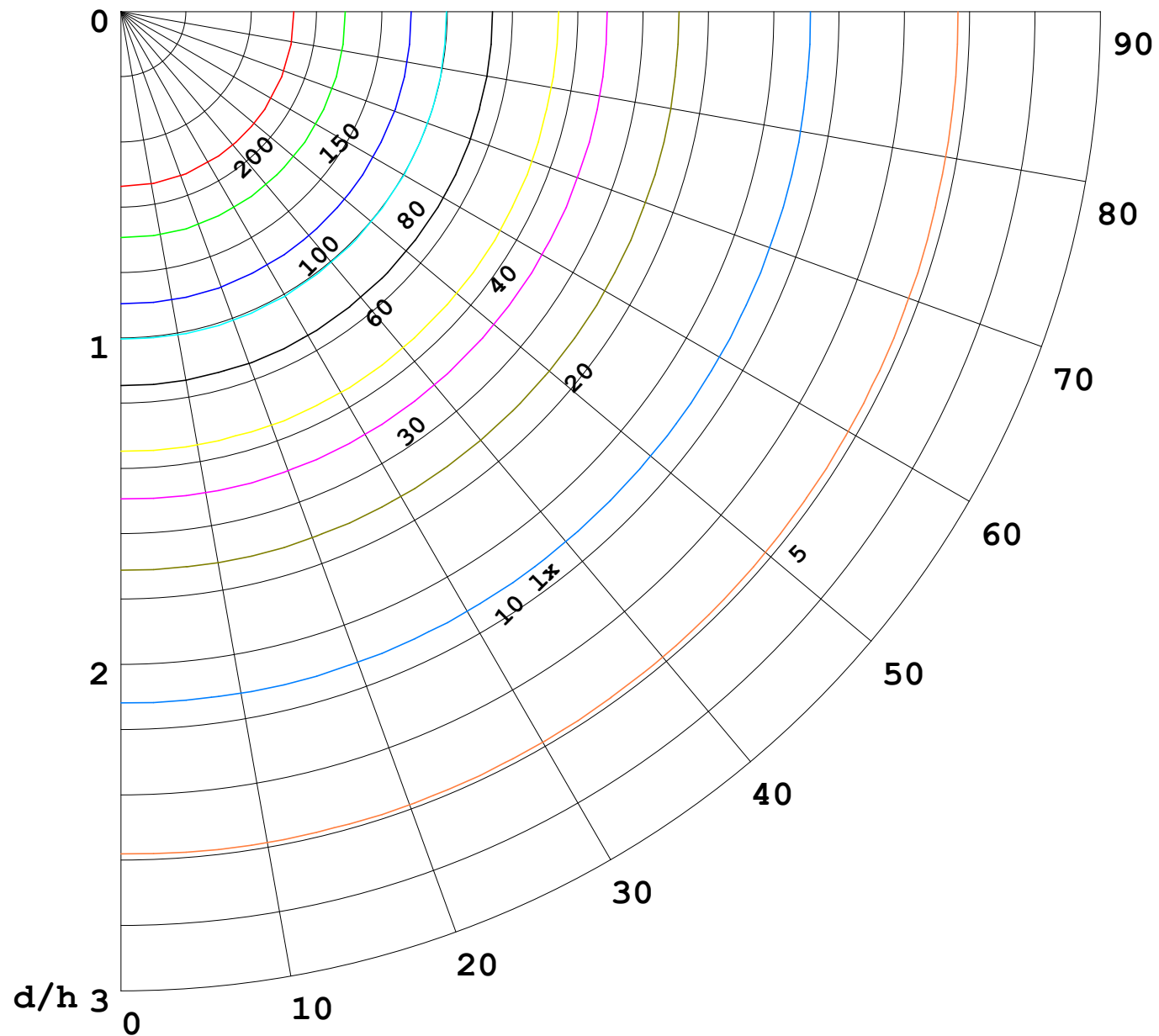
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

