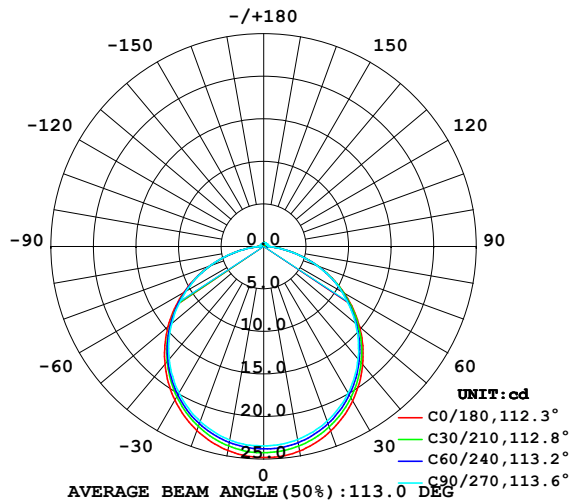


LUMINAIRE PHOTOMETRIC TEST REPORT

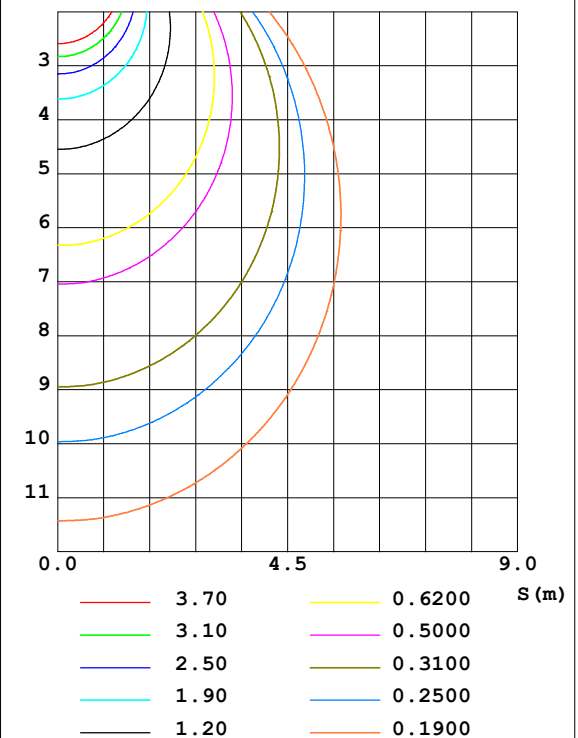
Test:U:24.00V I:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 8.26 lm/W
MODEL	3528	I _{max} (cd)	24.81	S/MH (C0/180)	1.25	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	70.751	η UP, DN (C0-180)	1.8, 48.4	
NOMINAL FLUX (lm)	70.7234	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.4	
LAMPS INSIDE	1	η up (%)	3.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	96.8	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



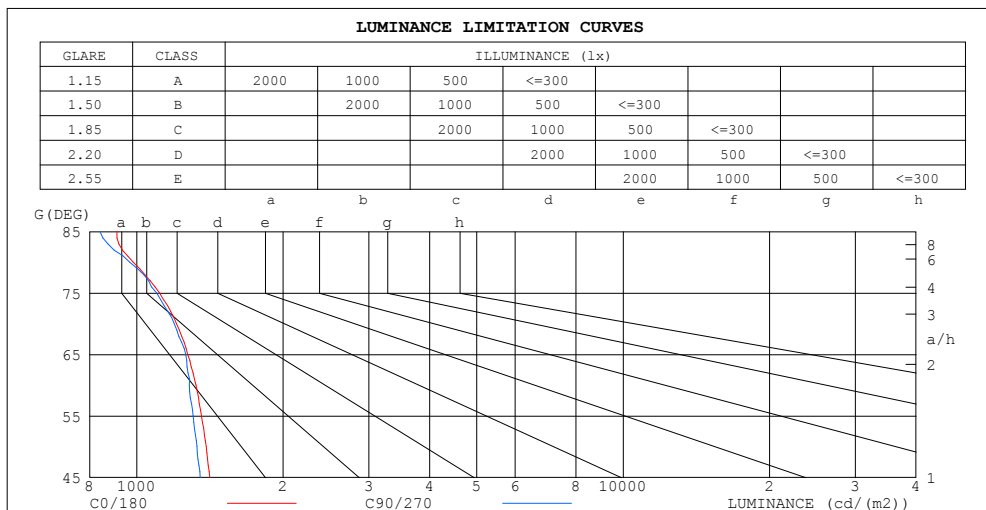
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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	24.42	23.61	23.04	22.62	24.35	23.60	23.10	22.67	0- 10	2.246	2.246	3.18,3.18
20	23.06	22.36	21.84	21.39	23.01	22.32	21.88	21.48	10- 20	6.434	8.681	12.3,12.3
30	20.94	20.33	19.87	19.44	20.87	20.30	19.92	19.54	20- 30	9.753	18.43	26.1,26.1
40	18.11	17.64	17.26	16.84	18.06	17.59	17.30	16.95	30- 40	11.77	30.20	42.7,42.7
50	14.73	14.38	14.11	13.72	14.68	14.34	14.13	13.83	40- 50	12.23	42.43	60,60
60	10.91	10.71	10.58	10.19	10.88	10.66	10.52	10.29	50- 60	11.09	53.51	75.6,75.7
70	6.809	6.780	6.741	6.393	6.790	6.688	6.788	6.513	60- 70	8.536	62.05	87.7,87.7
80	2.818	2.802	2.771	2.647	2.806	2.764	2.847	2.698	70- 80	4.928	66.98	94.7,94.7
90	0.4486	0.4750	0.6153	0.5227	0.4512	0.4751	0.5045	0.3471	80- 90	1.482	68.46	96.8,96.8
100	0.2277	0.3882	0.5277	0.4081	0.2549	0.3567	0.4662	0.2538	90-100	0.4171	68.88	97.3,97.4
110	0.2306	0.3988	0.4875	0.4023	0.2323	0.3329	0.4356	0.2538	100-110	0.3724	69.25	97.9,97.9
120	0.2714	0.4064	0.4643	0.3949	0.2386	0.3343	0.4171	0.2563	110-120	0.3442	69.59	98.4,98.4
130	0.3115	0.4081	0.4378	0.3900	0.2765	0.3357	0.3928	0.2704	120-130	0.3137	69.91	98.8,98.8
140	0.3638	0.4082	0.4318	0.3912	0.3268	0.3399	0.3820	0.2895	130-140	0.2769	70.18	99.2,99.2
150	0.3727	0.4146	0.4291	0.3985	0.3820	0.3558	0.3820	0.3258	140-150	0.2329	70.42	99.5,99.6
160	0.3869	0.4282	0.4255	0.4024	0.4223	0.3895	0.3820	0.3739	150-160	0.1804	70.60	99.8,99.8
170	0.4353	0.4380	0.4199	0.4022	0.4379	0.4096	0.3820	0.3871	160-170	0.1149	70.71	99.9,100
180	0.4624	0.4398	0.4171	0.4021	0.4423	0.4423	0.3970	0.3920	170-180	0.0397	70.75	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	911	841
80	984	967
75	1114	1098
70	1207	1195
65	1273	1261
60	1323	1283
55	1358	1307
50	1389	1331
45	1413	1351

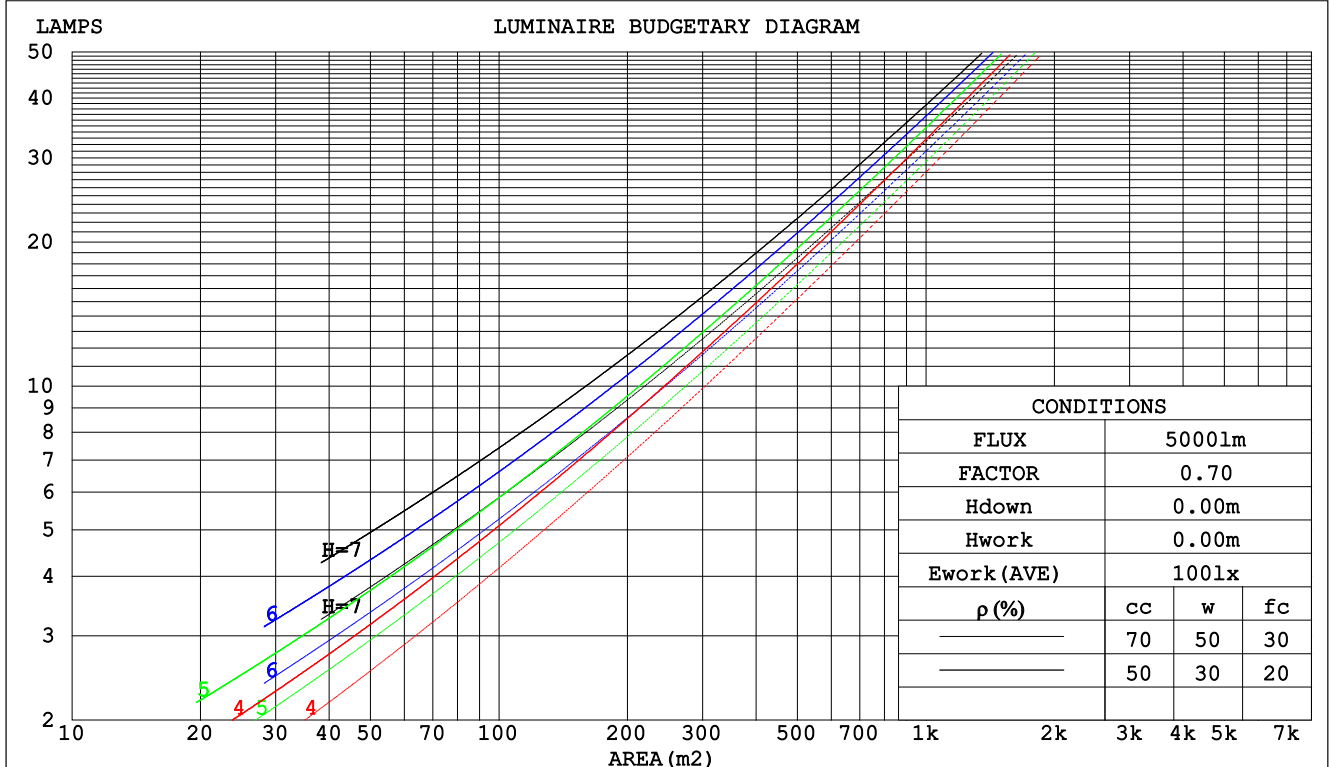
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	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	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.80	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.62	.59	.56
4.0	.70	.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	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.42	.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:2022-03-23

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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	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	.312	.178	.056	.304	.174	.055	.289	.166	.053	.275	.159	.051	.263	.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	.042	.241	.132	.041	.231	.128	.040		
4.0	.249	.130	.038	.244	.127	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.106	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.194	.097	.028	.187	.094	.027	.180	.092	.027	.173	.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	.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	.215	.215	.215	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.205	.181	.159	.176	.155	.137	.120	.107	.095	.069	.062	.055	.022	.020	.018	
2.0	.197	.157	.123	.169	.135	.106	.116	.094	.074	.067	.054	.043	.021	.018	.014	
3.0	.190	.140	.099	.163	.120	.086	.112	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.182	.126	.084	.156	.109	.073	.108	.076	.051	.062	.045	.030	.020	.015	.010	
5.0	.175	.116	.073	.150	.100	.063	.103	.070	.045	.060	.041	.026	.019	.013	.009	
6.0	.168	.108	.065	.144	.093	.056	.099	.065	.040	.058	.038	.024	.019	.013	.008	
7.0	.161	.101	.059	.138	.087	.051	.096	.061	.036	.056	.036	.022	.018	.012	.007	
8.0	.154	.095	.054	.133	.082	.047	.092	.058	.034	.054	.034	.020	.017	.011	.007	
9.0	.148	.090	.051	.128	.078	.044	.089	.055	.032	.052	.032	.019	.017	.011	.006	
10.0	.143	.086	.048	.123	.075	.042	.085	.052	.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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm											
NAME: SF16-24V-3528-120-A						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	13.8	15.3	14.2	15.6	15.9	13.7	15.2	14.0	15.4	15.7	
	3H	15.4	16.7	15.7	17.0	17.3	15.3	16.6	15.6	16.9	17.2
	4H	16.0	17.3	16.3	17.6	17.9	15.9	17.2	16.2	17.5	17.8
	6H	16.4	17.6	16.8	18.0	18.3	16.3	17.5	16.7	17.8	18.2
	8H	16.5	17.7	16.9	18.0	18.4	16.4	17.6	16.8	17.9	18.3
	12H	16.6	17.7	17.0	18.1	18.5	16.5	17.6	16.9	18.0	18.3
4H	2H	14.4	15.7	14.8	16.0	16.4	14.3	15.6	14.7	15.9	16.2
	3H	16.2	17.3	16.6	17.6	18.0	16.1	17.2	16.5	17.5	17.9
	4H	16.9	17.9	17.3	18.3	18.7	16.8	17.8	17.2	18.2	18.6
	6H	17.4	18.3	17.9	18.8	19.2	17.3	18.2	17.8	18.7	19.1
	8H	17.6	18.5	18.1	18.9	19.3	17.5	18.4	18.0	18.8	19.2
	12H	17.7	18.5	18.2	19.0	19.4	17.6	18.4	18.1	18.8	19.3
8H	4H	17.1	18.0	17.6	18.4	18.9	17.0	17.9	17.5	18.3	18.8
	6H	17.8	18.5	18.3	19.0	19.5	17.7	18.4	18.2	18.9	19.4
	8H	18.1	18.7	18.6	19.2	19.7	18.0	18.6	18.5	19.1	19.6
	12H	18.3	18.8	18.8	19.3	19.9	18.2	18.7	18.7	19.2	19.8
12H	4H	17.1	17.9	17.6	18.4	18.8	17.1	17.8	17.5	18.3	18.8
	6H	17.9	18.5	18.4	19.0	19.5	17.8	18.4	18.3	18.9	19.4
	8H	18.2	18.7	18.7	19.2	19.8	18.1	18.6	18.6	19.1	19.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 70.72 lm Total Lamp Luminous Flux. (8log(F/F0) = -9.2)

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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

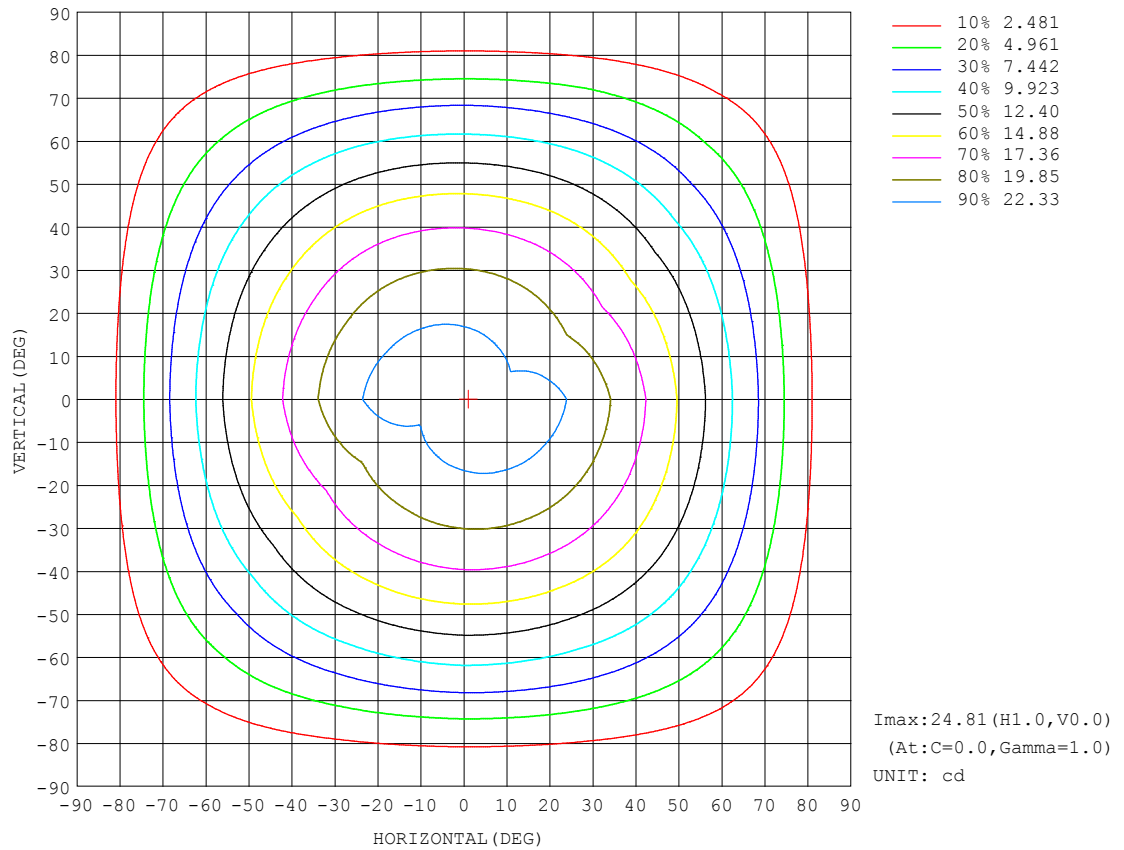
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	38	54	44	37	31
0.80	66	55	47	65	54	47	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	70	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	102	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:2022-03-23

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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

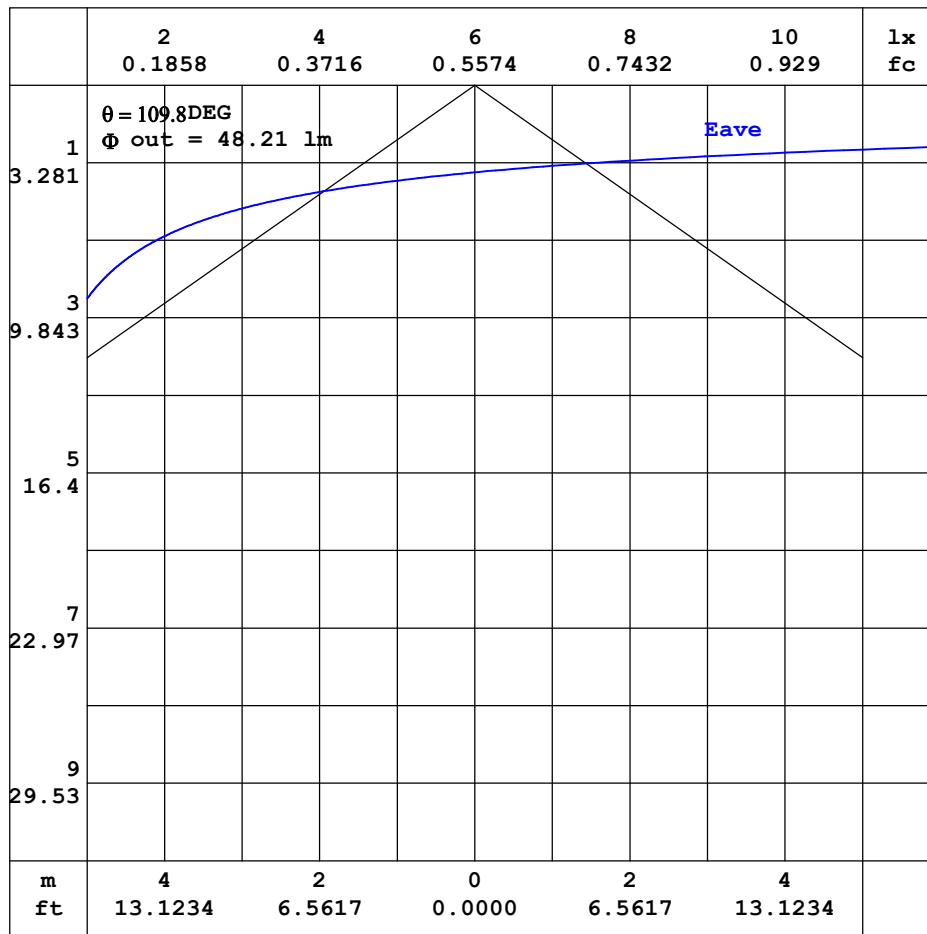


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



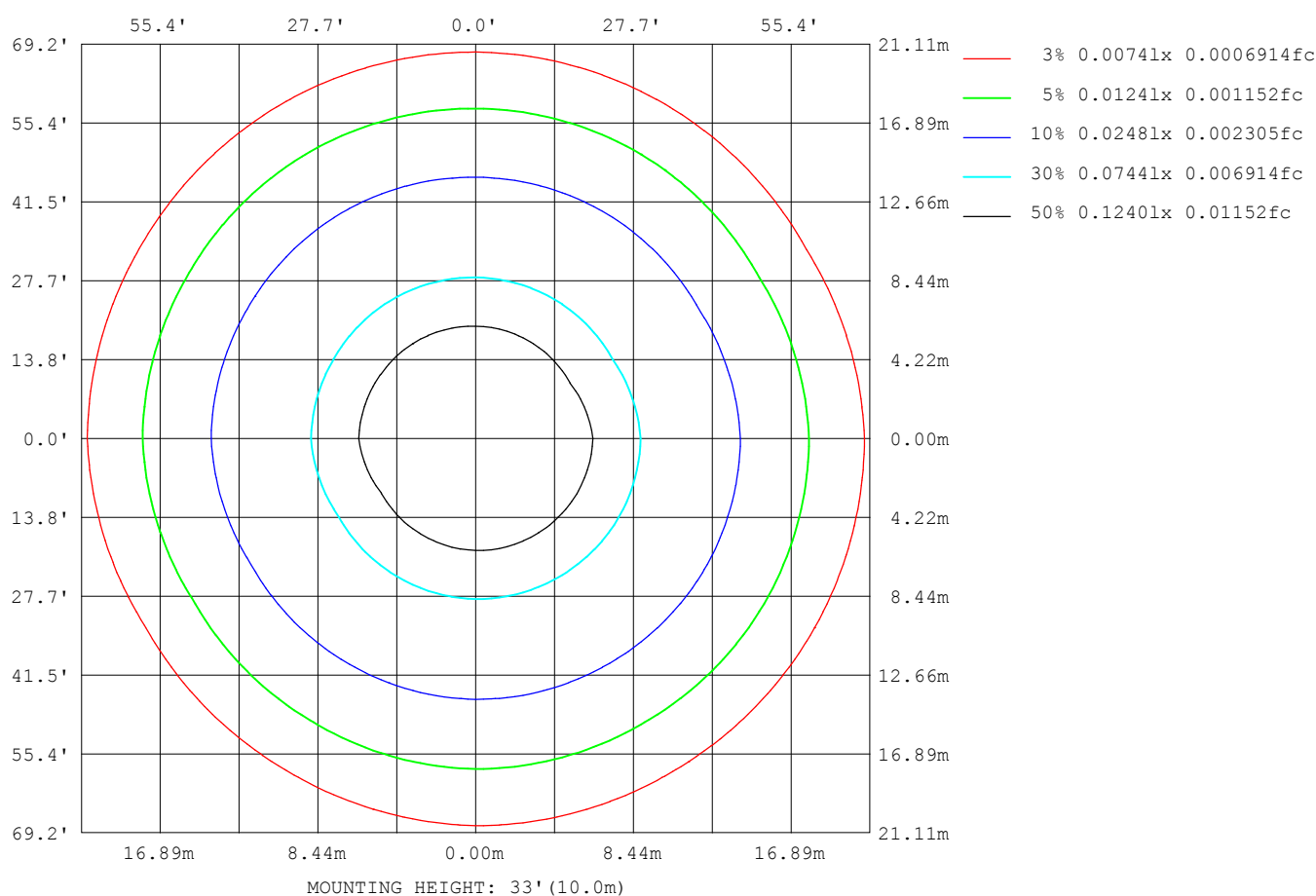
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

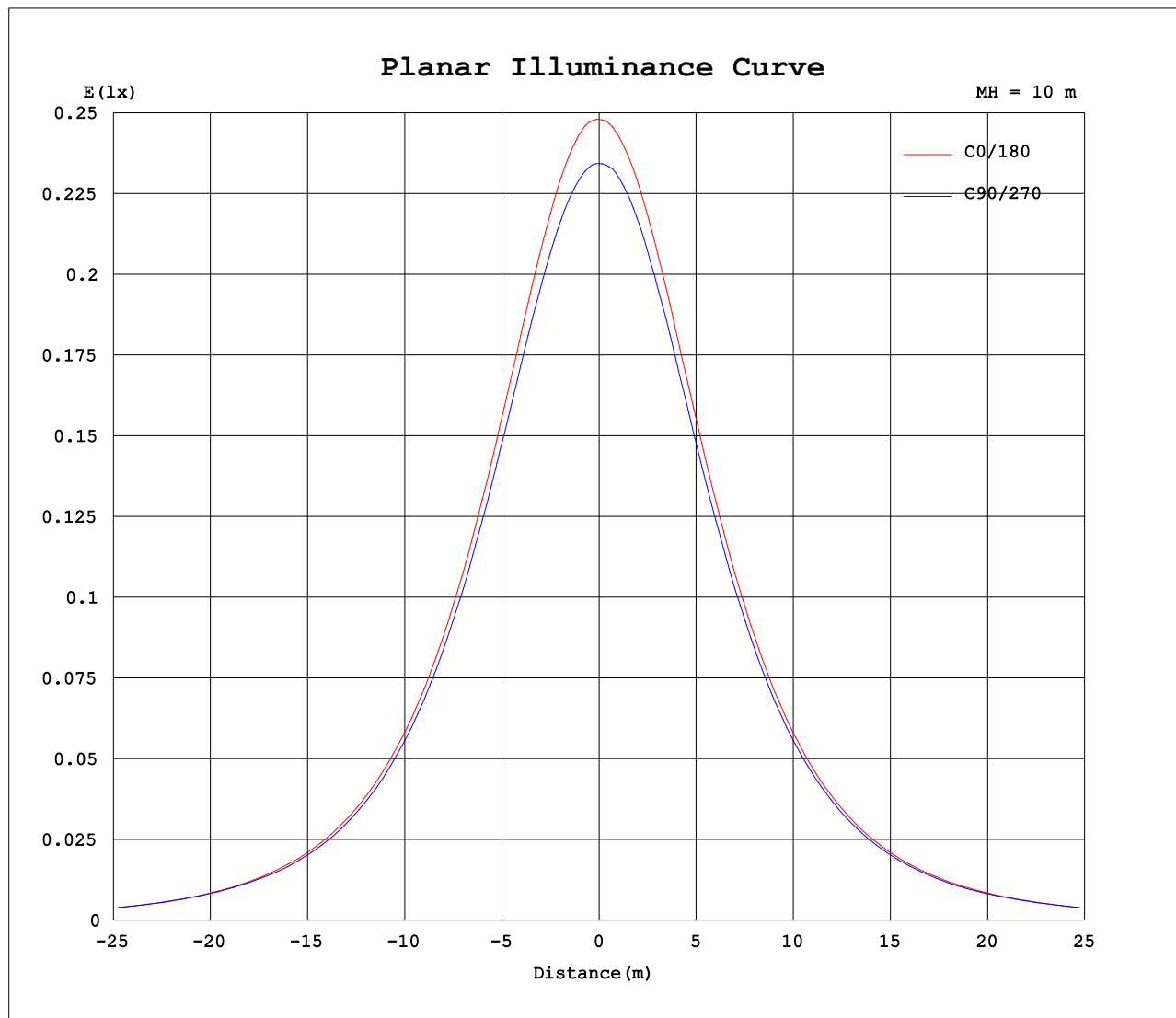
Test:U:24.00V I:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm		
NAME: SF16-24V-3528-120-A	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3568A P:8.563W PF:1.000 Lamp Flux:70.7234x1 lm											
NAME: SF16-24V-3528-120-A						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	24.8	24.2	23.8	23.4	23.1	22.9	24.8	24.2	23.8	23.4	23.1	22.9							
5	24.8	24.1	23.7	23.3	23.1	22.8	24.7	24.2	23.7	23.4	23.1	22.9							
10	24.4	23.8	23.4	23.0	22.8	22.5	24.4	23.8	23.4	23.1	22.8	22.6							
15	23.8	23.3	22.9	22.5	22.2	22.0	23.8	23.3	22.9	22.6	22.3	22.1							
20	23.1	22.6	22.2	21.8	21.5	21.3	23.0	22.5	22.2	21.9	21.6	21.4							
25	22.1	21.6	21.2	20.9	20.6	20.4	22.0	21.6	21.3	21.0	20.7	20.5							
30	20.9	20.5	20.1	19.9	19.6	19.3	20.9	20.4	20.2	19.9	19.7	19.4							
35	19.6	19.2	18.9	18.6	18.3	18.1	19.5	19.1	18.9	18.7	18.5	18.2							
40	18.1	17.8	17.5	17.3	17.0	16.7	18.1	17.7	17.5	17.3	17.1	16.8							
45	16.5	16.2	15.9	15.8	15.4	15.2	16.4	16.1	16.0	15.8	15.6	15.3							
50	14.7	14.5	14.2	14.1	13.8	13.6	14.7	14.4	14.3	14.1	14.0	13.7							
55	12.9	12.7	12.5	12.4	12.1	11.9	12.8	12.6	12.5	12.4	12.2	12.0							
60	10.9	10.8	10.6	10.6	10.3	10.1	10.9	10.7	10.7	10.5	10.4	10.2							
65	8.88	8.85	8.76	8.79	8.37	8.25	8.86	8.68	8.72	8.71	8.52	8.29							
70	6.81	6.80	6.76	6.74	6.44	6.35	6.79	6.68	6.70	6.79	6.66	6.37							
75	4.76	4.77	4.71	4.69	4.49	4.45	4.74	4.67	4.69	4.75	4.73	4.44							
80	2.82	2.83	2.77	2.77	2.65	2.65	2.81	2.77	2.76	2.85	2.78	2.62							
85	1.31	1.29	1.22	1.21	1.18	1.24	1.31	1.30	1.19	1.21	1.16	1.16							
90	0.45	0.44	0.51	0.62	0.54	0.50	0.45	0.51	0.44	0.50	0.35	0.35							
95	0.23	0.37	0.46	0.57	0.48	0.35	0.27	0.33	0.42	0.49	0.33	0.18							
100	0.23	0.32	0.46	0.53	0.47	0.35	0.25	0.31	0.41	0.47	0.33	0.18							
105	0.23	0.33	0.45	0.51	0.46	0.35	0.24	0.30	0.39	0.44	0.33	0.18							
110	0.23	0.34	0.45	0.49	0.46	0.35	0.23	0.29	0.38	0.44	0.33	0.18							
115	0.24	0.35	0.45	0.47	0.45	0.35	0.24	0.29	0.38	0.43	0.33	0.18							
120	0.27	0.36	0.45	0.46	0.44	0.35	0.24	0.29	0.38	0.42	0.33	0.18							
125	0.28	0.37	0.45	0.45	0.44	0.35	0.25	0.29	0.38	0.41	0.33	0.20							
130	0.31	0.37	0.44	0.44	0.43	0.35	0.28	0.29	0.38	0.39	0.33	0.21							
135	0.34	0.38	0.43	0.43	0.42	0.36	0.30	0.29	0.38	0.39	0.34	0.22							
140	0.36	0.39	0.42	0.43	0.41	0.37	0.33	0.30	0.38	0.38	0.34	0.24							
145	0.37	0.41	0.42	0.43	0.40	0.38	0.36	0.30	0.39	0.38	0.35	0.27							
150	0.37	0.41	0.42	0.43	0.40	0.40	0.38	0.32	0.39	0.38	0.36	0.29							
155	0.38	0.43	0.42	0.43	0.40	0.40	0.40	0.37	0.40	0.38	0.37	0.32							
160	0.39	0.44	0.42	0.43	0.40	0.40	0.42	0.37	0.41	0.38	0.39	0.36							
165	0.40	0.45	0.42	0.42	0.40	0.40	0.43	0.37	0.42	0.38	0.39	0.37							
170	0.44	0.46	0.42	0.42	0.40	0.40	0.44	0.39	0.43	0.38	0.39	0.38							
175	0.45	0.46	0.42	0.42	0.40	0.40	0.44	0.40	0.45	0.39	0.40	0.39							
180	0.46	0.46	0.42	0.42	0.40	0.40	0.44	0.43	0.45	0.40	0.40	0.39							

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	24.81	24.24	23.79	23.44	23.14	22.90	24.81	24.24	23.79	23.44
3.0	24.81	24.19	23.79	23.40	23.15	22.86	24.77	24.23	23.76	23.44
6.0	24.71	24.08	23.69	23.29	23.03	22.75	24.64	24.11	23.66	23.36
9.0	24.50	23.90	23.49	23.11	22.83	22.55	24.43	23.90	23.47	23.17
12.0	24.21	23.64	23.22	22.86	22.57	22.30	24.15	23.62	23.21	22.91
15.0	23.85	23.29	22.88	22.54	22.24	21.98	23.79	23.26	22.87	22.57
18.0	23.41	22.88	22.47	22.14	21.84	21.57	23.34	22.83	22.47	22.17
21.0	22.88	22.39	21.99	21.67	21.36	21.12	22.82	22.32	22.01	21.70
24.0	22.30	21.84	21.44	21.15	20.82	20.59	22.24	21.75	21.46	21.19
27.0	21.66	21.21	20.82	20.55	20.22	19.98	21.60	21.13	20.85	20.55
30.0	20.94	20.53	20.14	19.87	19.56	19.32	20.87	20.43	20.18	19.92
33.0	20.15	19.77	19.41	19.18	18.83	18.62	20.10	19.65	19.45	19.21
36.0	19.32	18.97	18.61	18.39	18.06	17.83	19.27	18.85	18.66	18.43
39.0	18.41	18.12	17.75	17.54	17.23	17.01	18.37	17.97	17.81	17.58
42.0	17.46	17.20	16.86	16.69	16.36	16.18	17.42	17.04	16.92	16.70
45.0	16.48	16.23	15.92	15.76	15.43	15.24	16.44	16.09	15.98	15.78
48.0	15.44	15.24	14.92	14.76	14.46	14.31	15.39	15.07	14.99	14.80
51.0	14.36	14.19	13.89	13.77	13.46	13.30	14.33	14.02	13.97	13.78
54.0	13.23	13.08	12.81	12.71	12.41	12.26	13.20	12.93	12.89	12.74
57.0	12.08	11.97	11.71	11.64	11.35	11.22	12.06	11.82	11.80	11.65
60.0	10.91	10.82	10.59	10.58	10.26	10.12	10.88	10.65	10.66	10.52
63.0	9.700	9.671	9.508	9.510	9.141	9.002	9.669	9.482	9.499	9.417
66.0	8.473	8.425	8.382	8.395	7.990	7.882	8.454	8.286	8.318	8.351
69.0	7.236	7.233	7.181	7.148	6.824	6.716	7.202	7.059	7.102	7.175
72.0	5.991	6.002	5.946	5.906	5.654	5.575	5.966	5.869	5.895	5.990
75.0	4.759	4.771	4.714	4.691	4.488	4.450	4.740	4.667	4.690	4.748
78.0	3.563	3.610	3.523	3.550	3.356	3.334	3.559	3.491	3.519	3.551
81.0	2.476	2.475	2.411	2.424	2.310	2.314	2.464	2.425	2.413	2.471
84.0	1.571	1.555	1.471	1.470	1.426	1.475	1.545	1.530	1.459	1.490
87.0	0.8818	0.8681	0.8113	0.7729	0.8161	0.8734	0.8929	0.9012	0.7674	0.7458
90.0	0.4486	0.4416	0.5083	0.6153	0.5434	0.5020	0.4512	0.5135	0.4367	0.5045
93.0	0.2617	0.3966	0.4574	0.5894	0.4801	0.3568	0.2732	0.3470	0.4278	0.4930
96.0	0.2265	0.3516	0.4574	0.5635	0.4725	0.3514	0.2654	0.3217	0.4188	0.4815
99.0	0.2274	0.3167	0.4570	0.5377	0.4664	0.3510	0.2575	0.3092	0.4098	0.4700
102.0	0.2282	0.3257	0.4560	0.5207	0.4634	0.3505	0.2497	0.3016	0.4009	0.4524
105.0	0.2291	0.3317	0.4549	0.5146	0.4604	0.3500	0.2418	0.2951	0.3919	0.4423
108.0	0.2300	0.3393	0.4539	0.5026	0.4573	0.3495	0.2340	0.2887	0.3829	0.4389
111.0	0.2308	0.3461	0.4529	0.4845	0.4543	0.3490	0.2333	0.2890	0.3769	0.4339
114.0	0.2392	0.3515	0.4518	0.4766	0.4502	0.3486	0.2354	0.2894	0.3775	0.4289
117.0	0.2512	0.3572	0.4508	0.4711	0.4473	0.3481	0.2358	0.2897	0.3780	0.4238
120.0	0.2714	0.3630	0.4498	0.4643	0.4423	0.3476	0.2386	0.2901	0.3785	0.4171
123.0	0.2789	0.3679	0.4487	0.4553	0.4413	0.3471	0.2463	0.2904	0.3790	0.4101
126.0	0.2864	0.3709	0.4477	0.4454	0.4337	0.3518	0.2564	0.2908	0.3795	0.4070
129.0	0.3064	0.3719	0.4433	0.4397	0.4288	0.3508	0.2715	0.2911	0.3800	0.3942
132.0	0.3176	0.3809	0.4377	0.4340	0.4292	0.3564	0.2865	0.2925	0.3806	0.3899
135.0	0.3358	0.3820	0.4324	0.4332	0.4213	0.3617	0.3016	0.2943	0.3811	0.3859
138.0	0.3518	0.3880	0.4273	0.4324	0.4158	0.3668	0.3167	0.2961	0.3816	0.3820
141.0	0.3658	0.3948	0.4222	0.4316	0.4071	0.3719	0.3367	0.2979	0.3831	0.3820
144.0	0.3691	0.4021	0.4171	0.4308	0.4021	0.3780	0.3519	0.2997	0.3845	0.3820
147.0	0.3709	0.4111	0.4171	0.4299	0.4021	0.3870	0.3669	0.3015	0.3860	0.3820
150.0	0.3727	0.4121	0.4171	0.4291	0.4021	0.3950	0.3820	0.3225	0.3890	0.3820
153.0	0.3745	0.4222	0.4171	0.4283	0.4021	0.4030	0.3971	0.3467	0.3920	0.3820
156.0	0.3763	0.4272	0.4171	0.4275	0.4021	0.4029	0.4071	0.3668	0.4021	0.3820
159.0	0.3820	0.4363	0.4171	0.4261	0.4021	0.4028	0.4172	0.3668	0.4071	0.3820
162.0	0.3969	0.4423	0.4171	0.4244	0.4021	0.4026	0.4329	0.3669	0.4121	0.3820
165.0	0.4020	0.4498	0.4171	0.4227	0.4021	0.4025	0.4348	0.3719	0.4172	0.3820
168.0	0.4271	0.4563	0.4171	0.4211	0.4021	0.4024	0.4366	0.3819	0.4223	0.3820
171.0	0.4384	0.4594	0.4171	0.4194	0.4021	0.4023	0.4385	0.3970	0.4423	0.3820
174.0	0.4479	0.4609	0.4171	0.4177	0.4021	0.4022	0.4404	0.3970	0.4493	0.3820
177.0	0.4573	0.4624	0.4171	0.4171	0.4021	0.4021	0.4423	0.4070	0.4523	0.3920
180.0	0.4624	0.4624	0.4171	0.4171	0.4021	0.4021	0.4423	0.4322	0.4523	0.3970
G/C	300.0	330.0								
0.0	23.14	22.90								
3.0	23.11	22.90								
6.0	23.03	22.82								
9.0	22.85	22.64								
12.0	22.60	22.38								
15.0	22.28	22.06								
18.0	21.91	21.66								
21.0	21.45	21.19								
24.0	20.92	20.65								
27.0	20.33	20.05								
30.0	19.68	19.41								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
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 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:

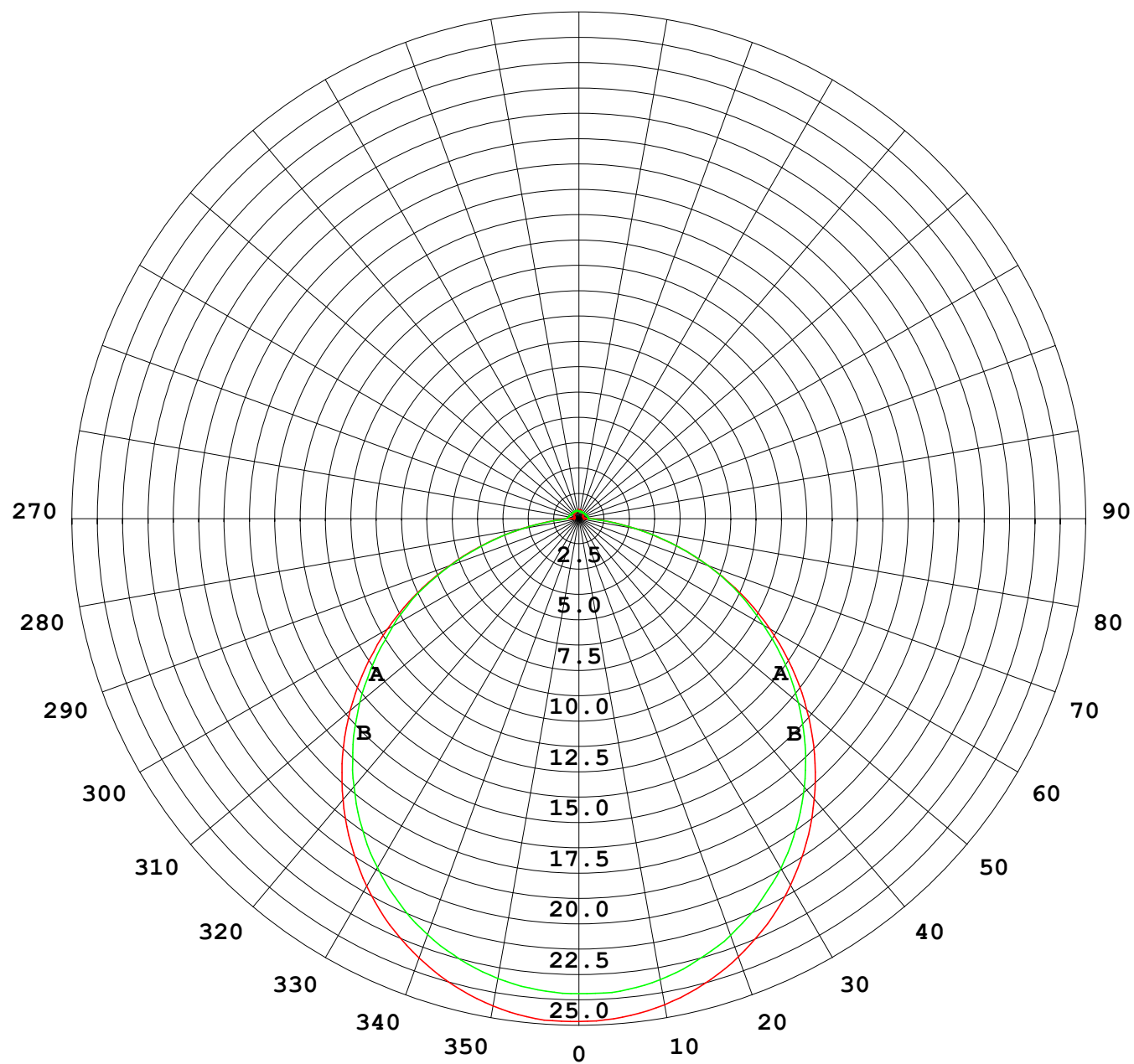
Photometric Data Table [cd]

33.0	18.97	18.68
36.0	18.21	17.91
39.0	17.38	17.09
42.0	16.52	16.22
45.0	15.60	15.31
48.0	14.64	14.35
51.0	13.64	13.35
54.0	12.60	12.33
57.0	11.53	11.27
60.0	10.42	10.16
63.0	9.283	9.055
66.0	8.138	7.909
69.0	6.992	6.748
72.0	5.901	5.602
75.0	4.725	4.441
78.0	3.549	3.320
81.0	2.423	2.289
84.0	1.439	1.420
87.0	0.7170	0.7405
90.0	0.3466	0.3477
93.0	0.3317	0.1912
96.0	0.3317	0.1760
99.0	0.3317	0.1760
102.0	0.3317	0.1760
105.0	0.3317	0.1760
108.0	0.3317	0.1759
111.0	0.3317	0.1759
114.0	0.3317	0.1759
117.0	0.3317	0.1759
120.0	0.3317	0.1809
123.0	0.3317	0.1960
126.0	0.3317	0.2000
129.0	0.3317	0.2060
132.0	0.3350	0.2120
135.0	0.3384	0.2211
138.0	0.3411	0.2311
141.0	0.3436	0.2362
144.0	0.3460	0.2713
147.0	0.3525	0.2820
150.0	0.3589	0.2928
153.0	0.3650	0.3064
156.0	0.3770	0.3316
159.0	0.3880	0.3467
162.0	0.3917	0.3668
165.0	0.3928	0.3712
168.0	0.3938	0.3759
171.0	0.3949	0.3814
174.0	0.3960	0.3869
177.0	0.3970	0.3870
180.0	0.3970	0.3870

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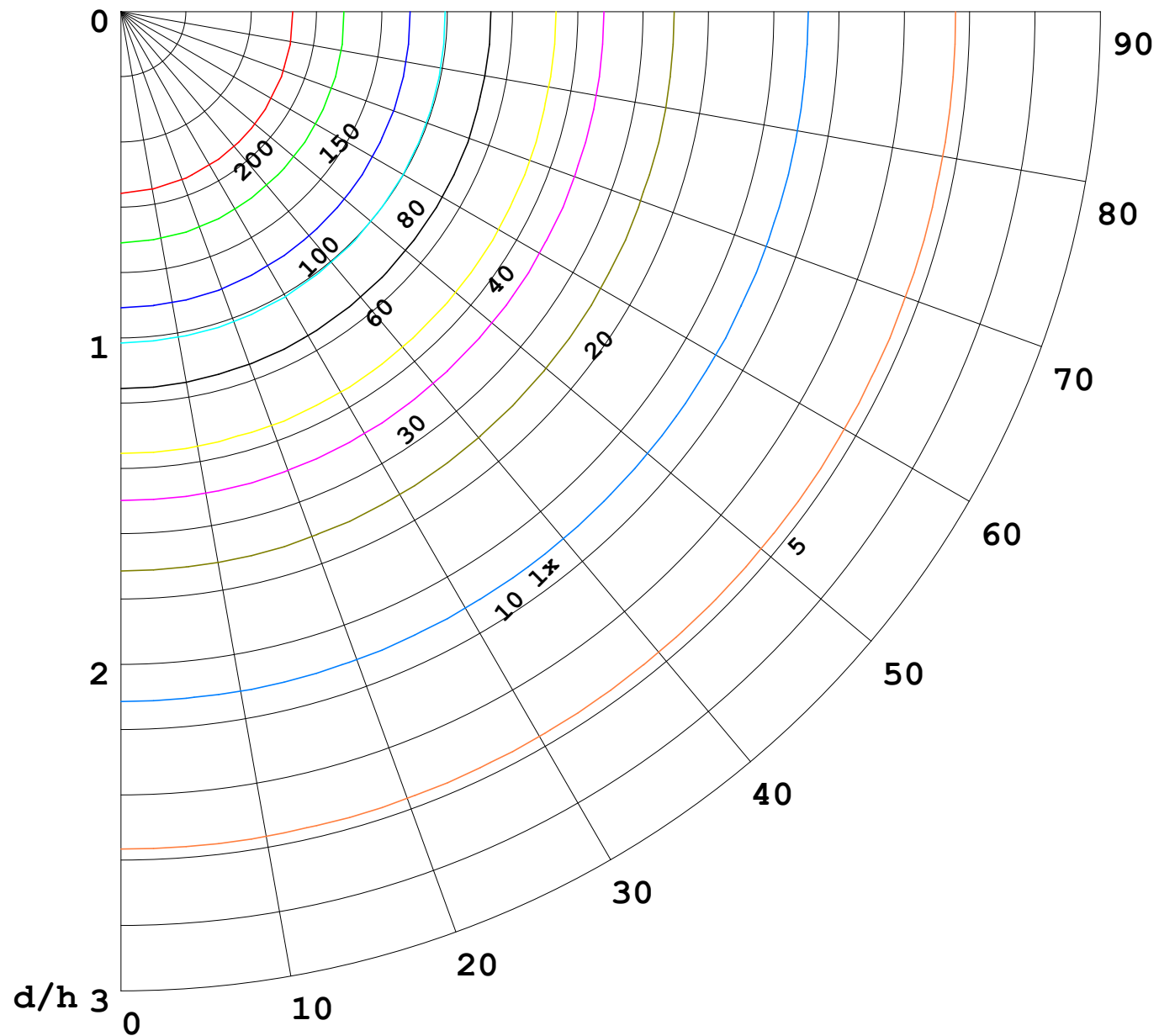
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

