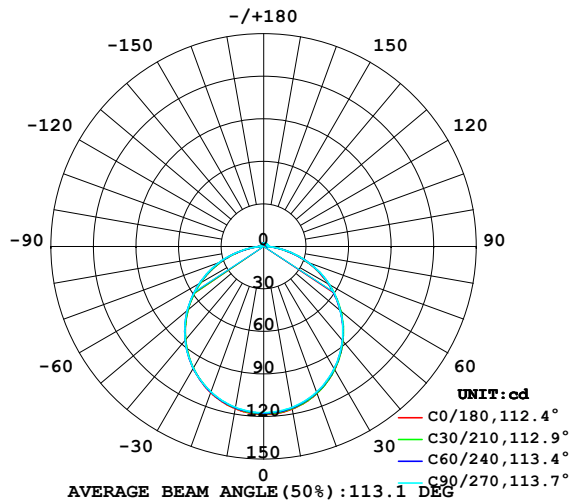


LUMINAIRE PHOTOMETRIC TEST REPORT

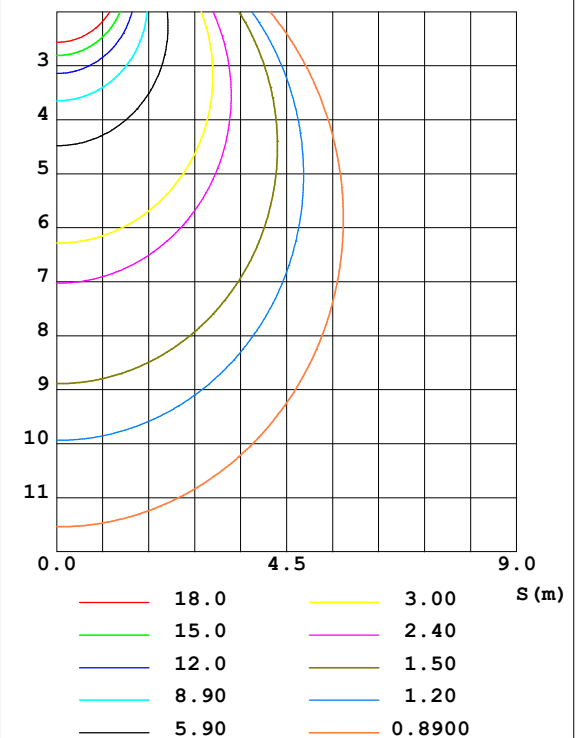
Test:U:24.00V I:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.66 lm/W			
MODEL	3528	I _{max} (cd)	118.4	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)	352.14	η UP, DN (C0-180)	2.0, 48.3
NOMINAL FLUX (lm)	352.144	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.1
LAMPS INSIDE	1	η up (%)	3.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



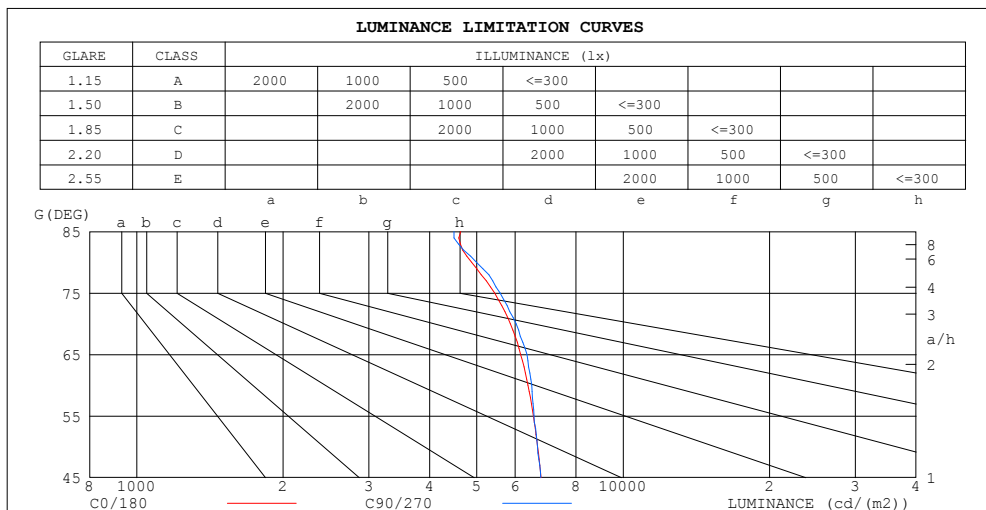
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-23

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	116.4	115.8	115.2	114.6	116.1	115.5	115.2	114.8	0- 10	11.11	11.11	3.16,3.16
20	110.1	109.8	109.3	108.4	109.6	109.2	109.0	108.8	10- 20	31.83	42.94	12.2,12.2
30	100.2	99.91	99.43	98.45	99.35	99.25	99.30	98.98	20- 30	48.24	91.18	25.9,25.9
40	86.82	86.76	86.55	85.25	85.87	85.98	86.19	85.92	30- 40	58.21	149.4	42.4,42.4
50	70.76	70.95	70.67	69.42	69.74	70.03	70.38	70.17	40- 50	60.51	209.9	59.6,59.6
60	52.60	53.14	53.49	51.64	51.63	52.02	52.39	52.31	50- 60	54.94	264.8	75.2,75.2
70	33.08	33.77	34.02	32.40	32.24	32.74	33.73	33.23	60- 70	42.39	307.2	87.2,87.2
80	13.98	14.28	14.31	13.47	13.34	13.55	14.12	13.97	70- 80	24.57	331.8	94.2,94.2
90	2.429	2.679	3.010	2.927	2.493	2.506	2.348	2.004	80- 90	7.585	339.4	96.4,96.4
100	1.318	2.123	2.925	2.327	1.317	1.872	2.360	1.456	90-100	2.233	341.6	97.97
110	1.487	2.167	2.849	2.231	1.305	1.815	2.337	1.532	100-110	2.067	343.7	97.6,97.6
120	1.663	2.174	2.694	2.179	1.327	1.807	2.252	1.593	110-120	1.941	345.6	98.2,98.2
130	1.829	2.154	2.503	2.184	1.533	1.839	2.146	1.684	120-130	1.761	347.4	98.7,98.7
140	1.990	2.174	2.339	2.204	1.759	1.932	2.125	1.804	130-140	1.551	348.9	99.1,99.1
150	2.141	2.227	2.312	2.254	1.996	2.048	2.131	1.958	140-150	1.306	350.3	99.5,99.5
160	2.297	2.317	2.377	2.324	2.217	2.191	2.161	2.138	150-160	1.010	351.3	99.7,99.7
170	2.387	2.402	2.453	2.387	2.387	2.355	2.317	2.312	160-170	0.6539	351.9	99.9,99.9
180	2.473	2.453	2.458	2.402	2.463	2.443	2.427	2.422	170-180	0.2289	352.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4638	4489
80	4879	4994
75	5444	5582
70	5863	6028
65	6155	6342
60	6376	6483
55	6538	6555
50	6672	6663
45	6779	6773

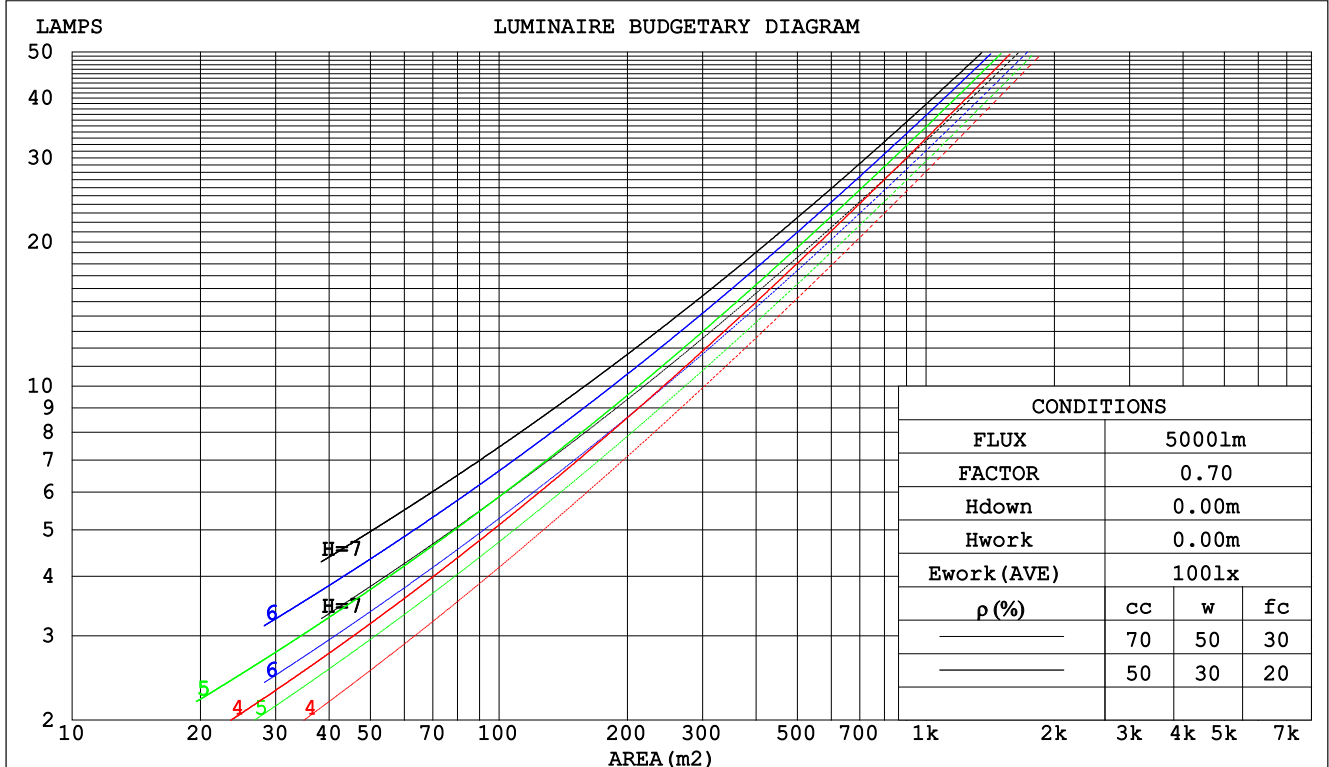
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	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	.96
1.0	1.03	.98	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.84	.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	.59	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.53	.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	.43	.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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm					
NAME: SF16-24V-3528-120-6500-80			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	.275	.159	.051	.262	.152	.049		
2.0	.293	.161	.049	.286	.157	.048	.272	.151	.047	.260	.146	.046	.248	.140	.044		
3.0	.270	.144	.043	.264	.141	.043	.252	.137	.041	.241	.132	.040	.230	.127	.039		
4.0	.249	.130	.038	.244	.127	.038	.233	.123	.037	.223	.120	.036	.213	.116	.035		
5.0	.230	.117	.034	.225	.116	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032		
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.192	.100	.029	.184	.097	.029		
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.179	.092	.027	.172	.089	.026		
8.0	.185	.091	.025	.182	.089	.025	.174	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.184	.162	.178	.158	.139	.122	.109	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.160	.126	.172	.138	.109	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.089	.113	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.185	.129	.087	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.076	.153	.103	.066	.105	.072	.046	.061	.042	.028	.020	.014	.009	
6.0	.171	.111	.068	.147	.096	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.057	.037	.023	.018	.012	.008	
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.126	.077	.045	.087	.054	.032	.051	.032	.019	.016	.011	.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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm											
NAME: SF16-24V-3528-120-6500-80						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	2H	19.3	20.7	19.6	21.0	21.3	19.3	20.7	19.6	21.0	21.3
	3H	20.8	22.2	21.1	22.5	22.8	20.9	22.2	21.2	22.5	22.8
	4H	21.4	22.7	21.8	23.0	23.4	21.5	22.8	21.8	23.1	23.4
	6H	21.8	23.1	22.2	23.4	23.7	21.9	23.1	22.3	23.5	23.8
	8H	22.0	23.2	22.4	23.5	23.9	22.1	23.2	22.5	23.6	23.9
	12H	22.1	23.2	22.5	23.6	23.9	22.1	23.3	22.5	23.6	24.0
4H	2H	19.9	21.2	20.2	21.5	21.8	19.9	21.2	20.3	21.5	21.8
	3H	21.6	22.7	22.0	23.1	23.5	21.7	22.8	22.1	23.1	23.5
	4H	22.3	23.4	22.8	23.8	24.2	22.4	23.4	22.8	23.8	24.2
	6H	22.9	23.8	23.3	24.2	24.7	23.0	23.9	23.4	24.3	24.7
	8H	23.1	23.9	23.6	24.4	24.8	23.1	24.0	23.6	24.4	24.9
	12H	23.2	24.0	23.7	24.5	24.9	23.3	24.1	23.8	24.5	25.0
8H	4H	22.6	23.5	23.1	23.9	24.4	22.7	23.5	23.1	23.9	24.4
	6H	23.3	24.0	23.8	24.5	25.0	23.4	24.1	23.9	24.5	25.0
	8H	23.6	24.2	24.1	24.7	25.2	23.6	24.3	24.1	24.7	25.3
	12H	23.8	24.4	24.4	24.9	25.4	23.8	24.4	24.4	24.9	25.4
12H	4H	22.6	23.4	23.1	23.8	24.3	22.7	23.4	23.1	23.9	24.4
	6H	23.4	24.0	23.9	24.5	25.0	23.4	24.0	23.9	24.5	25.1
	8H	23.7	24.2	24.2	24.7	25.3	23.7	24.3	24.3	24.8	25.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 352.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.6)

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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

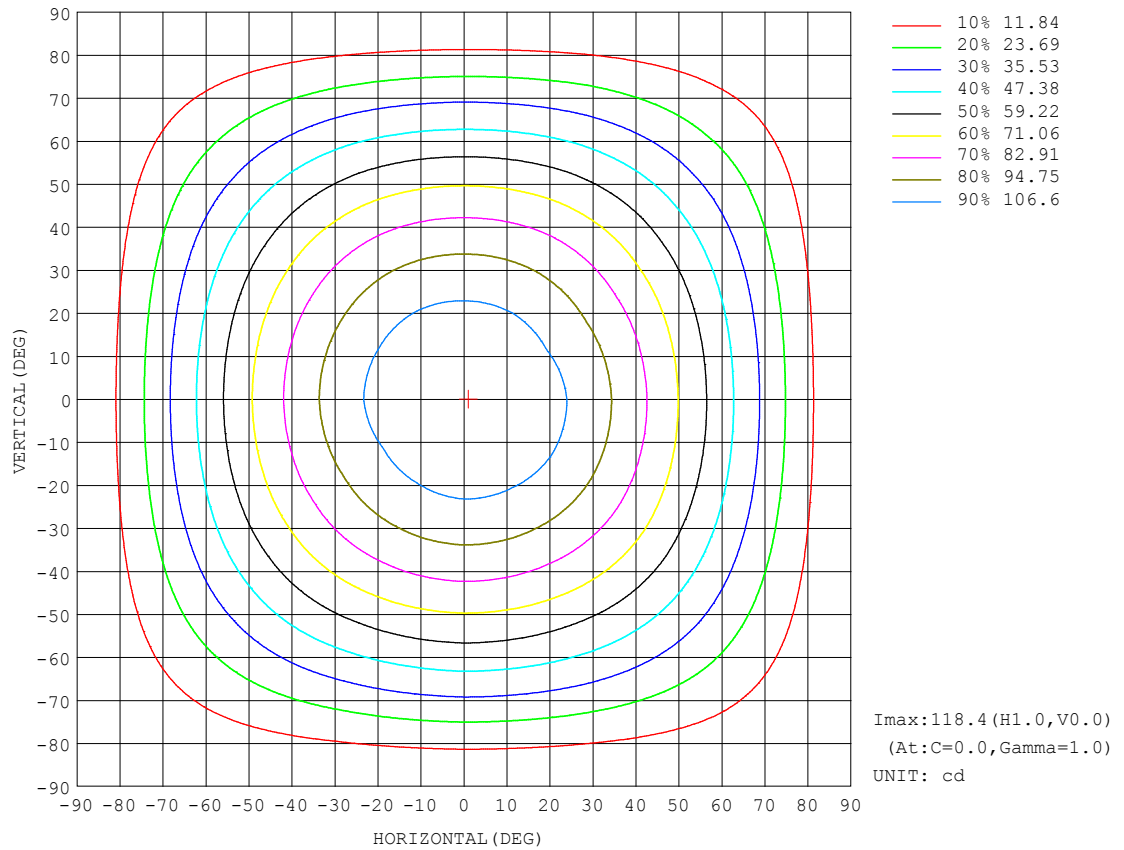
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	89	79
5.00	107	102	98	105	100	96	100	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:2022-03-23

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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

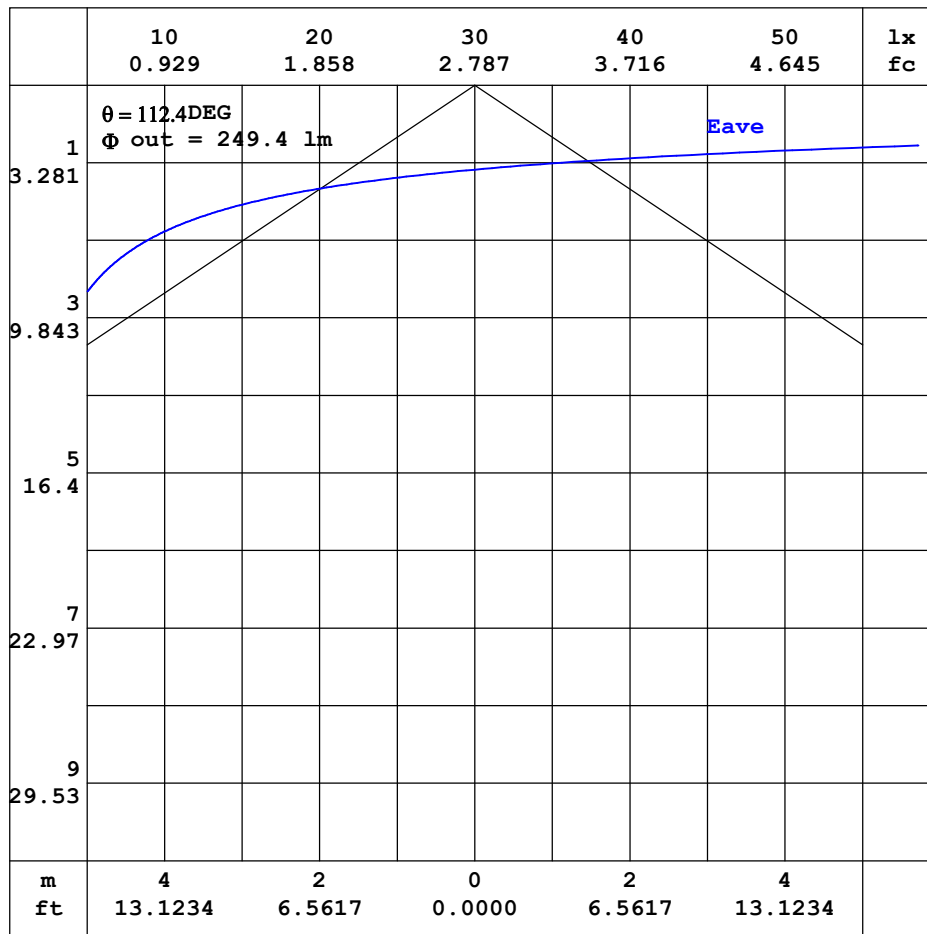


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



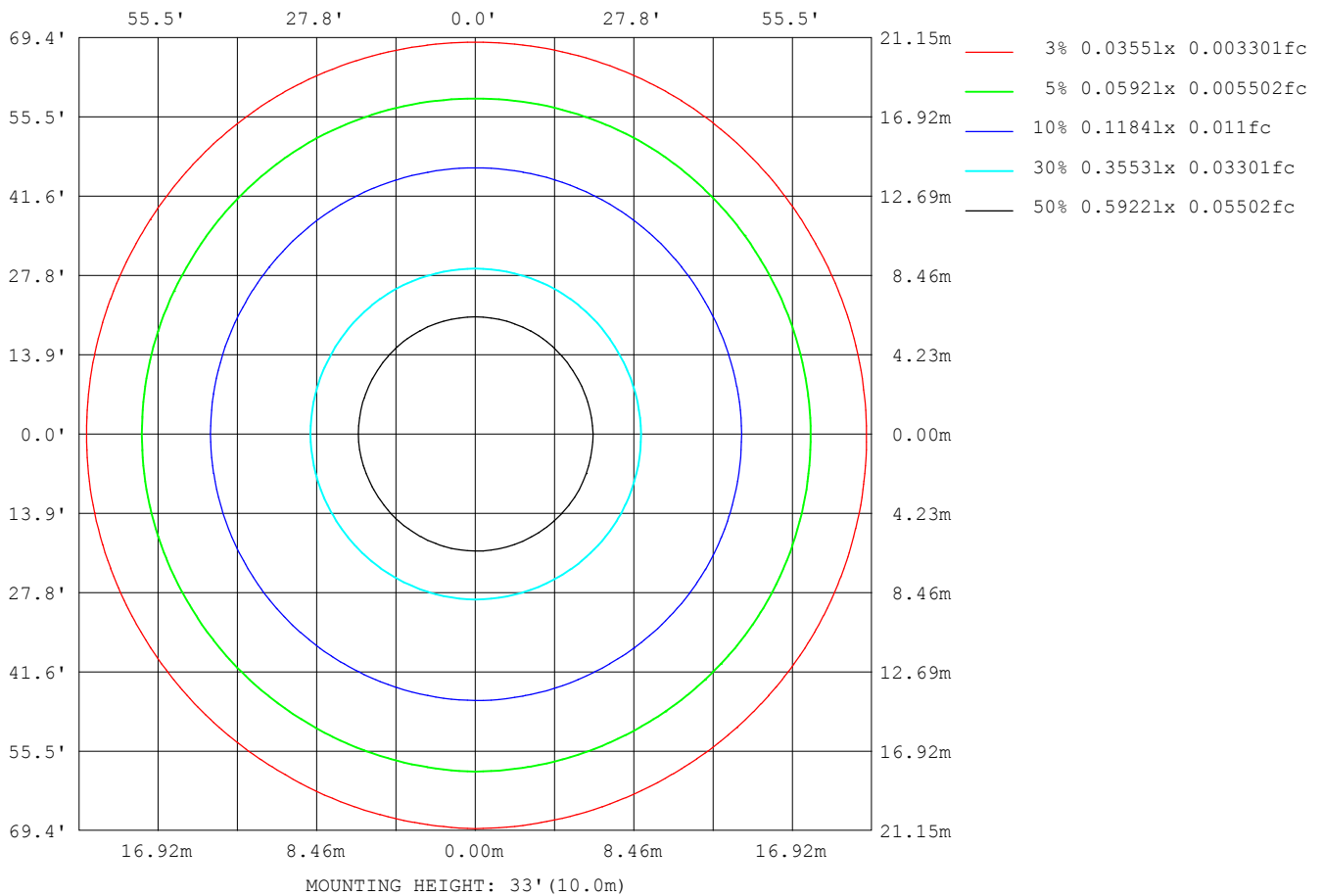
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

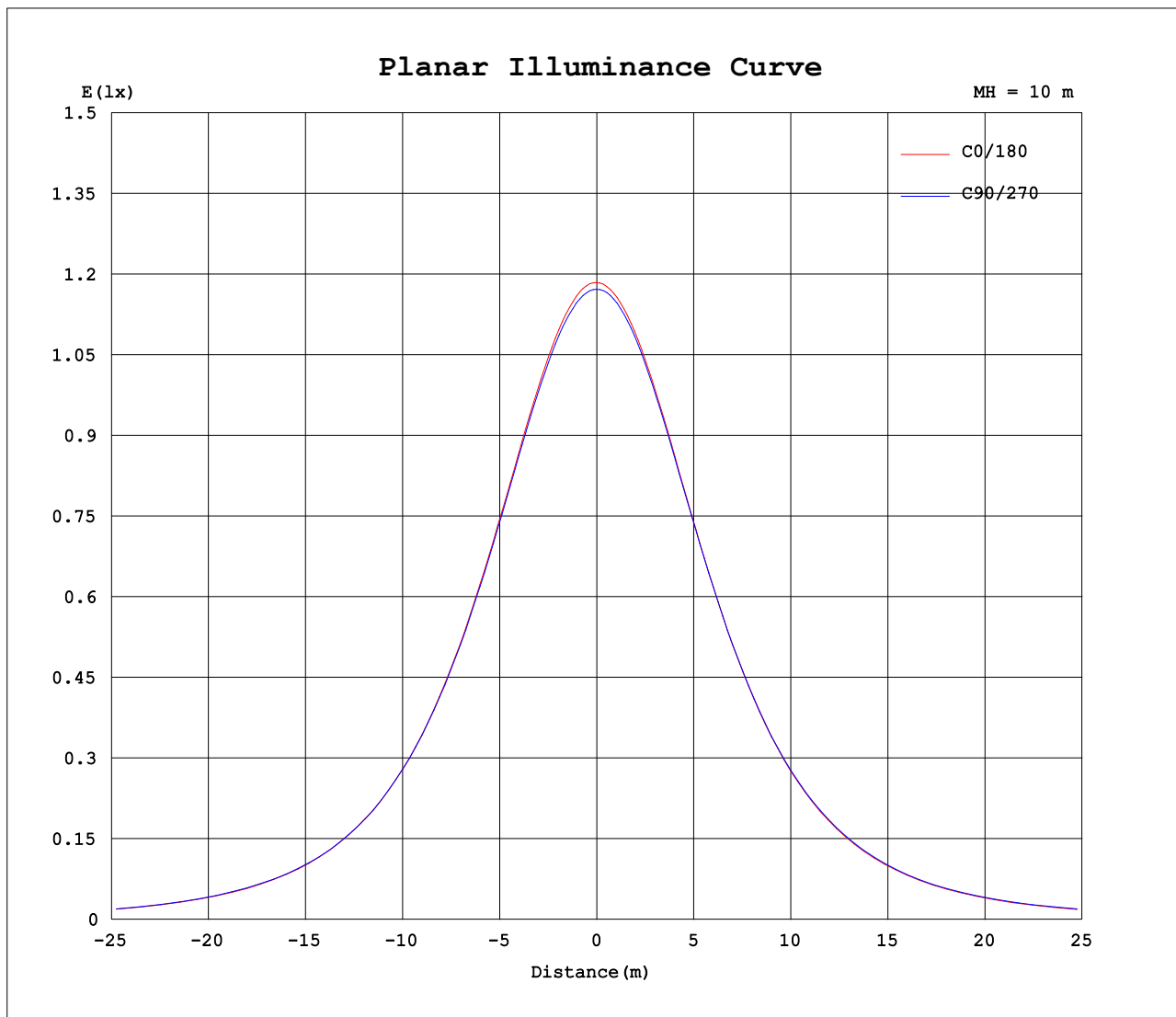
Test:U:24.00V I:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:0.3795A P:9.108W PF:1.000 Lamp Flux:352.144x1 lm		
NAME: SF16-24V-3528-120-6500-80	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	118	118	118	117	117	117	118	118	118	117	117	117							
5	118	118	117	117	116	116	118	117	117	117	116	116							
10	116	116	116	115	115	114	116	116	115	115	115	115							
15	114	114	113	113	112	112	113	113	113	113	112	112							
20	110	110	109	109	108	108	110	109	109	109	109	109							
25	106	106	105	105	104	104	105	105	105	105	105	104							
30	100	100	99.6	99.4	98.7	98.2	99.4	99.1	99.4	99.3	99.2	98.7							
35	93.9	94.0	93.4	93.4	92.4	92.0	93.0	92.8	93.2	93.1	93.1	92.5							
40	86.8	87.0	86.5	86.5	85.5	85.0	85.9	85.7	86.2	86.2	86.2	85.6							
45	79.1	79.5	78.9	79.0	77.9	77.4	78.1	78.0	78.6	78.6	78.7	78.0							
50	70.8	71.3	70.6	70.7	69.6	69.2	69.7	69.7	70.4	70.4	70.5	69.8							
55	61.9	62.5	61.9	62.0	60.9	60.5	60.9	60.9	61.6	61.6	61.8	61.1							
60	52.6	53.3	53.0	53.5	51.9	51.4	51.6	51.5	52.5	52.4	52.7	51.9							
65	42.9	43.6	43.7	44.2	42.4	41.9	42.0	42.0	43.1	43.1	43.2	42.4							
70	33.1	33.7	33.9	34.0	32.6	32.2	32.2	32.3	33.2	33.7	33.7	32.7							
75	23.2	23.9	23.7	23.8	22.7	22.6	22.5	22.5	23.2	23.7	23.9	23.0							
80	14.0	14.4	14.1	14.3	13.4	13.5	13.3	13.4	13.7	14.1	14.2	13.7							
85	6.67	6.83	6.35	6.46	6.04	6.60	6.39	6.31	6.00	6.00	6.13	6.23							
90	2.43	2.65	2.71	3.01	2.86	2.99	2.49	2.59	2.43	2.35	2.03	1.97							
95	1.31	1.72	2.44	2.96	2.64	2.15	1.39	1.78	2.08	2.36	1.74	1.07							
100	1.32	1.76	2.48	2.92	2.58	2.07	1.32	1.70	2.04	2.36	1.83	1.08							
105	1.39	1.81	2.49	2.88	2.52	2.00	1.30	1.64	2.04	2.36	1.87	1.13							
110	1.49	1.85	2.48	2.85	2.50	1.96	1.30	1.60	2.03	2.34	1.87	1.20							
115	1.57	1.90	2.47	2.77	2.45	1.96	1.31	1.58	2.03	2.30	1.87	1.25							
120	1.66	1.93	2.41	2.69	2.40	1.96	1.33	1.59	2.02	2.25	1.87	1.32							
125	1.75	1.97	2.35	2.61	2.36	2.00	1.42	1.60	2.03	2.19	1.87	1.40							
130	1.83	2.01	2.30	2.50	2.34	2.03	1.53	1.64	2.03	2.15	1.88	1.48							
135	1.91	2.06	2.25	2.40	2.32	2.07	1.64	1.72	2.05	2.13	1.91	1.56							
140	1.99	2.11	2.24	2.34	2.30	2.11	1.76	1.79	2.07	2.12	1.95	1.66							
145	2.07	2.15	2.23	2.33	2.29	2.16	1.88	1.88	2.10	2.13	1.98	1.77							
150	2.14	2.21	2.24	2.31	2.29	2.22	2.00	1.96	2.13	2.13	2.03	1.88							
155	2.21	2.27	2.25	2.33	2.30	2.28	2.11	2.07	2.16	2.13	2.09	2.00							
160	2.30	2.33	2.30	2.38	2.31	2.34	2.22	2.16	2.23	2.16	2.18	2.10							
165	2.34	2.38	2.33	2.42	2.36	2.39	2.31	2.25	2.31	2.24	2.27	2.20							
170	2.39	2.43	2.38	2.45	2.38	2.40	2.39	2.33	2.38	2.32	2.35	2.28							
175	2.42	2.47	2.40	2.46	2.40	2.40	2.44	2.38	2.44	2.37	2.41	2.34							
180	2.47	2.47	2.43	2.46	2.40	2.40	2.46	2.41	2.47	2.43	2.43	2.41							

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	118.4	117.9	117.5	117.2	116.8	116.6	118.4	117.9	117.5	117.2
3.0	118.3	117.8	117.4	117.0	116.7	116.3	118.2	117.7	117.3	117.1
6.0	117.8	117.3	116.9	116.5	116.1	115.7	117.6	117.1	116.8	116.5
9.0	116.8	116.5	116.0	115.6	115.1	114.8	116.5	116.1	115.8	115.6
12.0	115.5	115.2	114.7	114.3	113.8	113.5	115.2	114.7	114.5	114.3
15.0	113.8	113.6	113.0	112.7	112.1	111.9	113.4	112.9	112.9	112.6
18.0	111.8	111.7	111.0	110.8	110.1	109.8	111.2	110.8	110.8	110.6
21.0	109.3	109.3	108.6	108.5	107.7	107.4	108.8	108.4	108.5	108.2
24.0	106.5	106.6	106.0	105.8	105.0	104.7	105.9	105.6	105.8	105.5
27.0	103.6	103.5	103.0	102.8	102.0	101.5	102.8	102.5	102.7	102.6
30.0	100.2	100.2	99.62	99.43	98.65	98.25	99.35	99.13	99.38	99.30
33.0	96.48	96.63	96.10	95.93	95.01	94.56	95.61	95.38	95.73	95.66
36.0	92.52	92.61	92.12	92.07	91.10	90.61	91.58	91.44	91.82	91.79
39.0	88.29	88.46	87.93	87.91	86.91	86.46	87.34	87.19	87.67	87.61
42.0	83.79	84.08	83.54	83.51	82.49	82.06	82.82	82.67	83.26	83.18
45.0	79.10	79.47	78.93	79.03	77.85	77.41	78.08	78.02	78.59	78.62
48.0	74.14	74.51	73.99	74.07	72.99	72.59	73.15	73.08	73.73	73.73
51.0	69.01	69.56	68.91	69.04	67.90	67.50	68.03	67.96	68.67	68.67
54.0	63.67	64.24	63.70	63.73	62.62	62.29	62.72	62.72	63.43	63.46
57.0	58.20	58.70	58.34	58.70	57.30	56.92	57.26	57.22	58.09	58.01
60.0	52.60	53.27	53.00	53.49	51.90	51.37	51.63	51.51	52.53	52.39
63.0	46.83	47.41	47.58	47.86	46.30	45.70	45.88	45.91	46.79	46.84
66.0	40.97	41.63	41.85	42.20	40.50	39.98	40.07	40.06	41.05	41.34
69.0	35.08	35.69	35.91	36.03	34.59	34.13	34.17	34.15	35.23	35.64
72.0	29.13	29.64	29.81	29.81	28.63	28.29	28.26	28.35	29.17	29.83
75.0	23.25	23.85	23.73	23.84	22.72	22.57	22.45	22.49	23.21	23.72
78.0	17.52	18.04	17.81	18.17	16.98	16.94	16.88	16.86	17.45	17.73
81.0	12.32	12.66	12.33	12.53	11.71	11.86	11.73	11.71	12.01	12.37
84.0	7.918	8.124	7.627	7.747	7.209	7.684	7.485	7.430	7.292	7.363
87.0	4.505	4.713	4.223	4.317	4.161	4.739	4.500	4.386	4.023	3.683
90.0	2.429	2.650	2.707	3.010	2.863	2.992	2.493	2.587	2.425	2.348
93.0	1.485	1.804	2.448	2.970	2.664	2.216	1.517	1.855	2.105	2.362
96.0	1.302	1.724	2.457	2.950	2.639	2.126	1.352	1.764	2.071	2.361
99.0	1.314	1.749	2.468	2.935	2.598	2.081	1.322	1.719	2.050	2.360
102.0	1.332	1.779	2.487	2.900	2.573	2.050	1.307	1.684	2.040	2.359
105.0	1.392	1.809	2.486	2.880	2.523	1.995	1.305	1.643	2.037	2.358
108.0	1.442	1.840	2.483	2.855	2.498	1.977	1.303	1.613	2.033	2.352
111.0	1.503	1.865	2.479	2.819	2.488	1.964	1.306	1.598	2.030	2.327
114.0	1.563	1.895	2.475	2.779	2.458	1.961	1.312	1.583	2.026	2.312
117.0	1.608	1.915	2.453	2.759	2.433	1.957	1.312	1.586	2.023	2.282
120.0	1.663	1.935	2.412	2.694	2.397	1.960	1.327	1.590	2.024	2.252
123.0	1.724	1.955	2.367	2.638	2.377	1.985	1.372	1.594	2.025	2.211
126.0	1.769	1.980	2.332	2.583	2.362	2.000	1.443	1.598	2.028	2.176
129.0	1.819	2.010	2.297	2.523	2.347	2.025	1.508	1.643	2.030	2.146
132.0	1.874	2.031	2.272	2.453	2.332	2.046	1.578	1.673	2.042	2.131
135.0	1.910	2.061	2.252	2.397	2.317	2.066	1.639	1.719	2.046	2.128
138.0	1.960	2.091	2.242	2.367	2.307	2.096	1.714	1.764	2.061	2.124
141.0	2.005	2.121	2.227	2.336	2.292	2.116	1.779	1.809	2.076	2.126
144.0	2.050	2.146	2.231	2.328	2.292	2.146	1.860	1.854	2.091	2.127
147.0	2.110	2.176	2.237	2.320	2.292	2.176	1.925	1.910	2.106	2.129
150.0	2.141	2.211	2.243	2.312	2.292	2.216	1.996	1.965	2.131	2.131
153.0	2.196	2.242	2.249	2.312	2.294	2.257	2.061	2.040	2.146	2.133
156.0	2.226	2.272	2.261	2.337	2.299	2.287	2.126	2.081	2.176	2.135
159.0	2.292	2.312	2.297	2.362	2.305	2.327	2.196	2.141	2.216	2.146
162.0	2.317	2.357	2.312	2.387	2.322	2.357	2.252	2.201	2.257	2.201
165.0	2.337	2.382	2.332	2.417	2.357	2.392	2.312	2.246	2.312	2.236
168.0	2.372	2.412	2.367	2.433	2.369	2.395	2.362	2.297	2.352	2.292
171.0	2.392	2.438	2.382	2.453	2.387	2.397	2.402	2.332	2.397	2.332
174.0	2.407	2.458	2.397	2.455	2.402	2.400	2.438	2.367	2.428	2.367
177.0	2.442	2.468	2.412	2.458	2.402	2.402	2.473	2.392	2.463	2.397
180.0	2.473	2.473	2.432	2.458	2.402	2.402	2.463	2.412	2.473	2.427
G/C	300.0	330.0								
0.0	116.8	116.6								
3.0	116.7	116.5								
6.0	116.2	115.9								
9.0	115.3	115.0								
12.0	114.1	113.7								
15.0	112.5	112.1								
18.0	110.5	110.1								
21.0	108.2	107.7								
24.0	105.5	104.9								
27.0	102.5	102.0								
30.0	99.24	98.73								

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

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

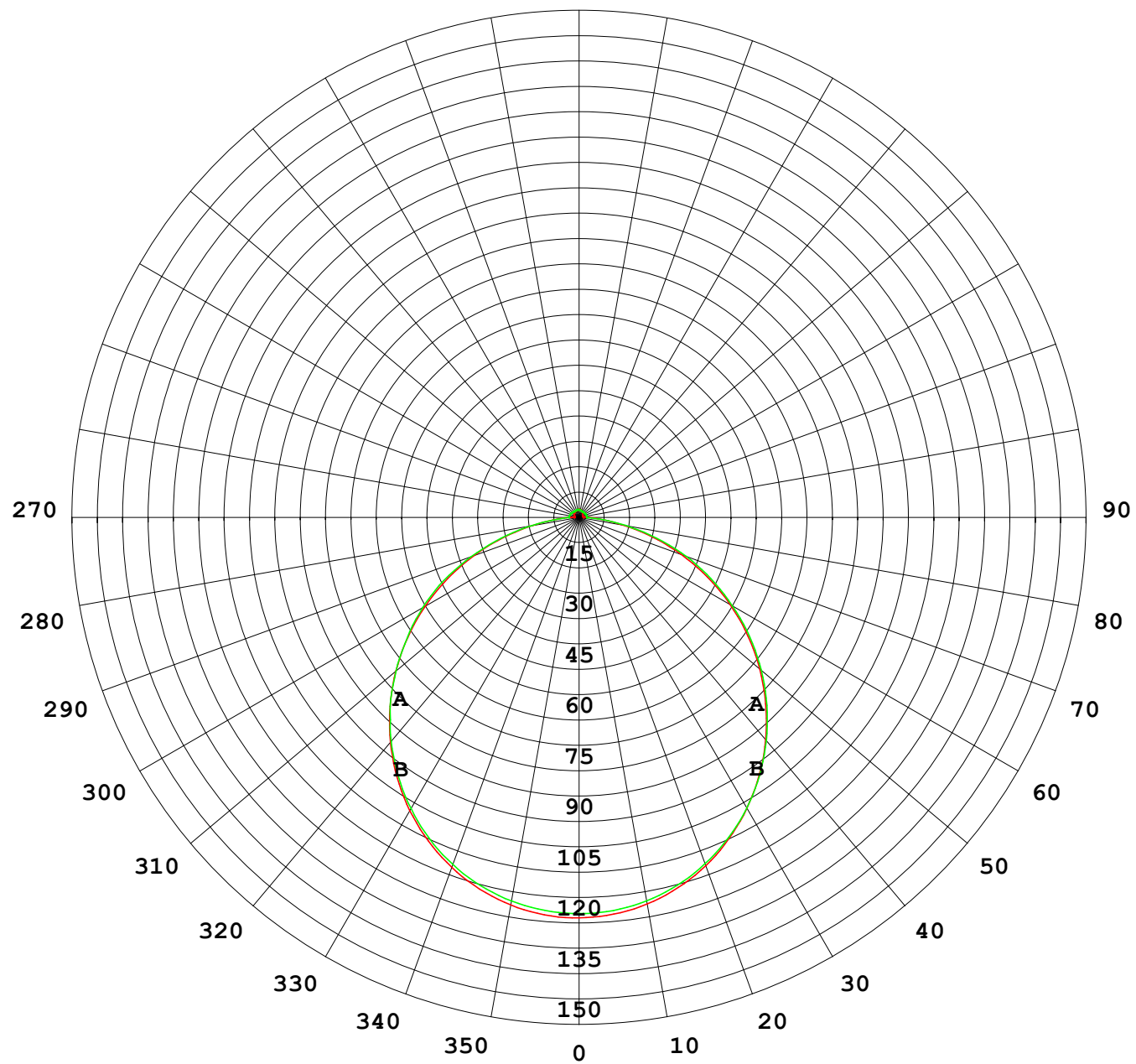
Photometric Data Table [cd]

33.0	95.64	95.08
36.0	91.77	91.21
39.0	87.67	87.01
42.0	83.29	82.61
45.0	78.67	78.04
48.0	73.86	73.17
51.0	68.83	68.12
54.0	63.62	62.94
57.0	58.27	57.52
60.0	52.70	51.92
63.0	47.04	46.34
66.0	41.31	40.57
69.0	35.63	34.67
72.0	29.79	28.86
75.0	23.90	22.97
78.0	18.03	17.24
81.0	12.45	12.03
84.0	7.521	7.507
87.0	3.932	4.015
90.0	2.033	1.974
93.0	1.719	1.177
96.0	1.759	1.068
99.0	1.819	1.076
102.0	1.870	1.086
105.0	1.870	1.131
108.0	1.870	1.176
111.0	1.868	1.206
114.0	1.867	1.246
117.0	1.868	1.281
120.0	1.869	1.317
123.0	1.869	1.362
126.0	1.870	1.407
129.0	1.880	1.457
132.0	1.895	1.513
135.0	1.915	1.563
138.0	1.925	1.613
141.0	1.950	1.683
144.0	1.975	1.749
147.0	2.000	1.814
150.0	2.030	1.885
153.0	2.066	1.950
156.0	2.111	2.015
159.0	2.161	2.075
162.0	2.212	2.136
165.0	2.272	2.196
168.0	2.317	2.241
171.0	2.367	2.282
174.0	2.402	2.322
177.0	2.432	2.367
180.0	2.432	2.412

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

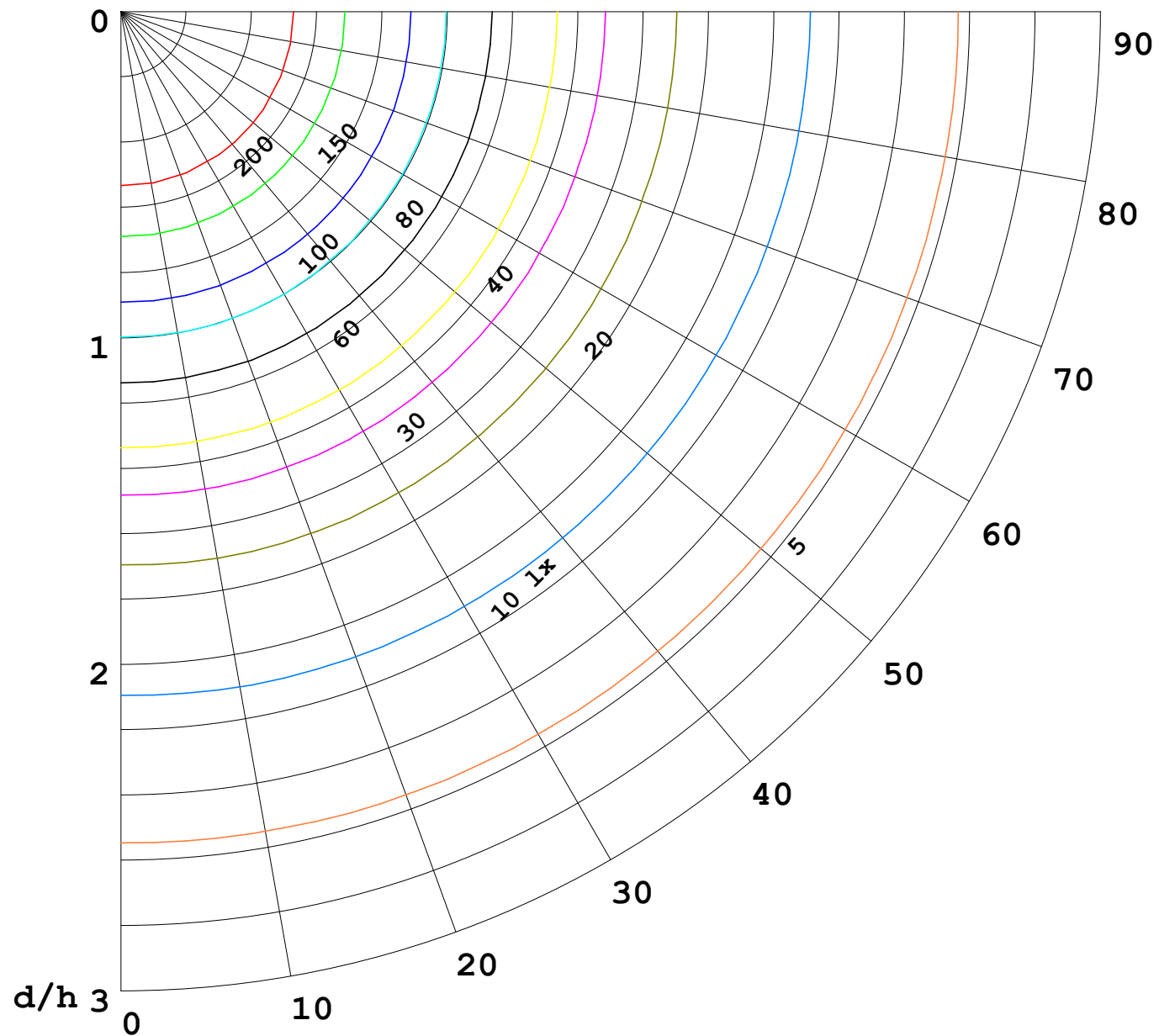
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

