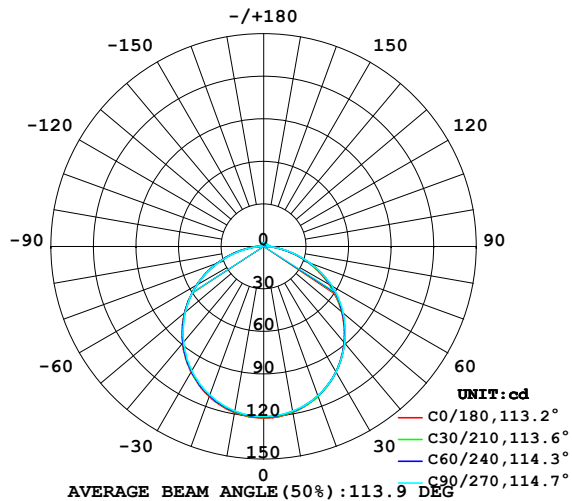


LUMINAIRE PHOTOMETRIC TEST REPORT

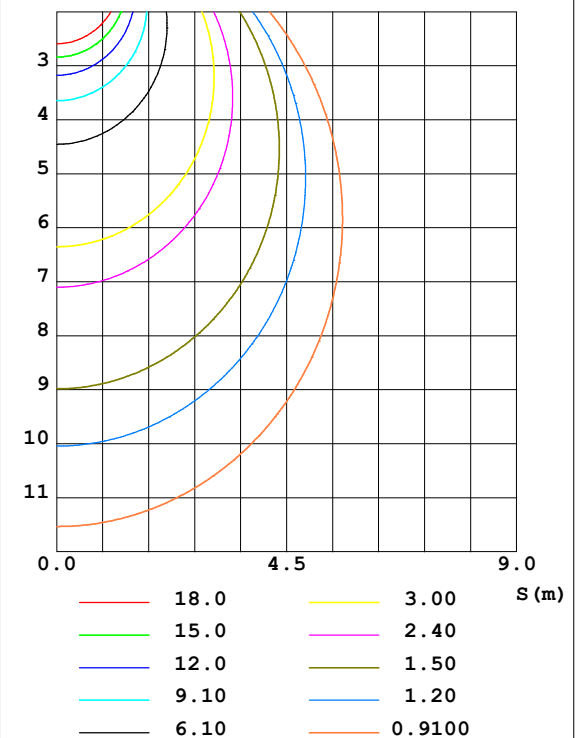
Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.06 lm/W			
MODEL	3528	I _{max} (cd)	121.0	S/MH (C0/180)	1.25
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	364.13	η UP, DN (C0-180)	2.0, 48.3
NOMINAL FLUX (lm)	364.112	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)



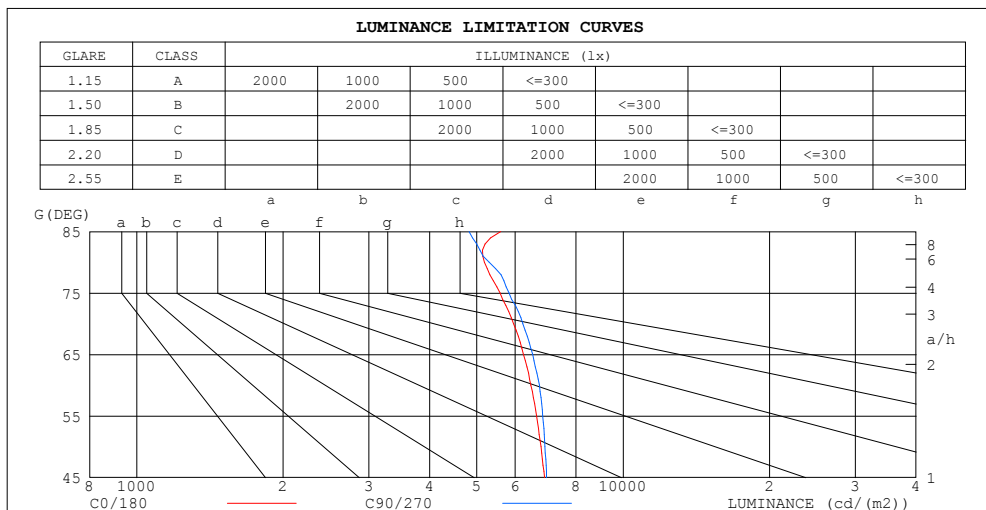
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-04-07

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

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	118.8	118.3	117.9	117.5	118.9	118.2	117.8	117.4	0- 10	11.37	11.37	3.12,3.12
20	112.3	112.2	112.0	111.4	112.6	112.0	111.4	111.1	10- 20	32.57	43.94	12.1,12.1
30	102.0	102.2	102.1	101.5	102.4	101.9	101.3	101.0	20- 30	49.41	93.35	25.6,25.6
40	88.30	88.72	88.85	88.33	89.04	88.59	88.00	87.57	30- 40	59.70	153.0	42,42
50	71.86	72.59	73.25	72.44	72.94	72.52	72.17	71.35	40- 50	62.19	215.2	59.1,59.1
60	53.31	54.46	55.48	54.44	54.78	54.41	54.42	53.39	50- 60	56.79	272.0	74.7,74.7
70	33.60	34.52	35.11	34.85	35.36	34.85	34.39	33.82	60- 70	44.05	316.1	86.8,86.8
80	14.85	15.00	15.19	15.60	16.34	15.60	14.54	14.58	70- 80	26.04	342.1	94,94
90	3.756	3.453	2.925	3.594	4.048	3.330	2.646	3.061	80- 90	8.886	351.0	96.4,96.4
100	1.759	2.215	2.875	2.083	1.094	1.758	2.372	1.812	90-100	2.524	353.5	97.1,97.1
110	1.675	2.184	2.847	2.087	1.131	1.743	2.282	1.702	100-110	2.072	355.6	97.7,97.7
120	1.719	2.171	2.724	2.118	1.297	1.757	2.221	1.705	110-120	1.936	357.5	98.2,98.2
130	1.884	2.169	2.548	2.154	1.533	1.824	2.171	1.769	120-130	1.772	359.3	98.7,98.7
140	2.045	2.209	2.362	2.212	1.769	1.922	2.162	1.870	130-140	1.568	360.9	99.1,99.1
150	2.201	2.264	2.350	2.277	2.016	2.053	2.167	2.013	140-150	1.325	362.2	99.5,99.5
160	2.317	2.345	2.402	2.362	2.242	2.231	2.206	2.186	150-160	1.026	363.2	99.8,99.8
170	2.440	2.448	2.464	2.441	2.428	2.395	2.362	2.352	160-170	0.6649	363.9	99.9,99.9
180	2.463	2.468	2.468	2.455	2.468	2.465	2.458	2.455	170-180	0.2326	364.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5605	4821
80	5183	5302
75	5583	5828
70	5954	6222
65	6241	6514
60	6462	6725
55	6633	6830
50	6775	6907
45	6891	6960

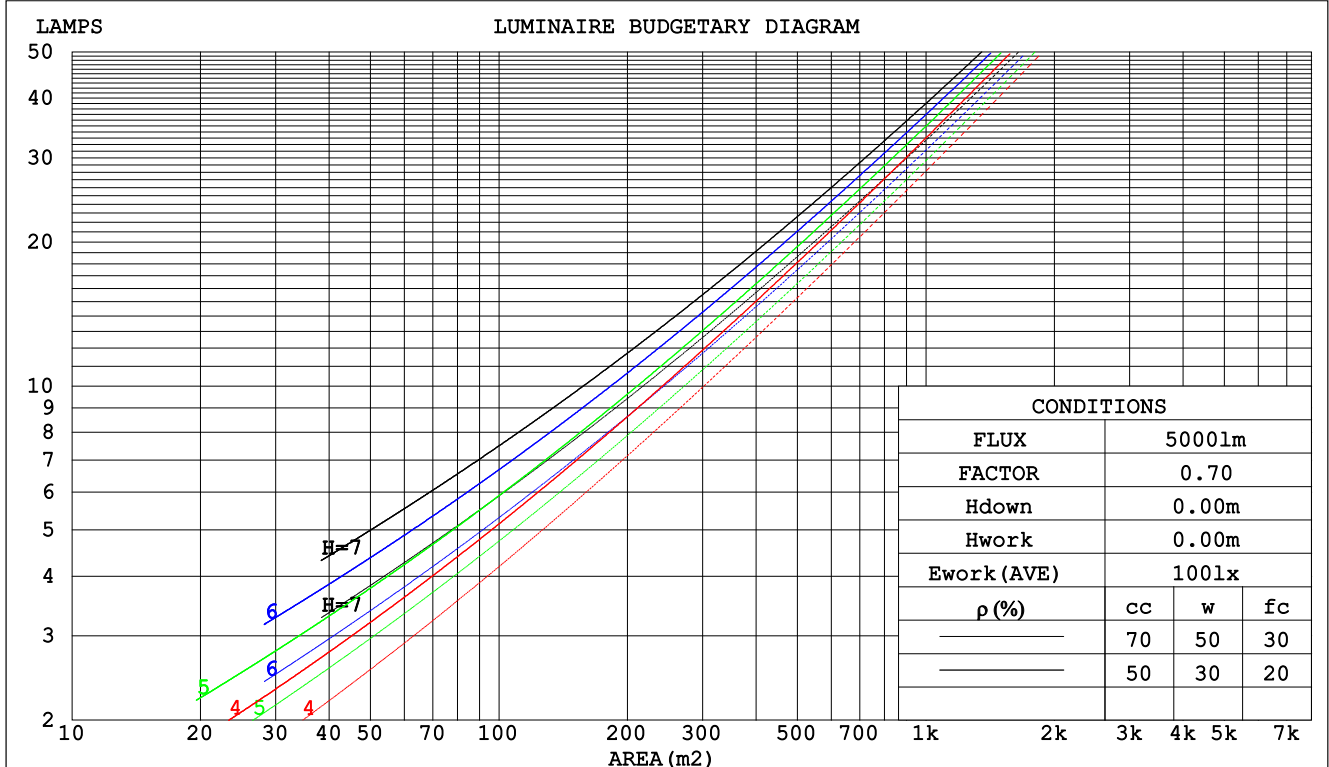
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE:硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.94	.90	.96	.92	.95	.92	.89	.91	.88	.85	.86	.84	.82	.80
2.0	.89	.82	.76	.87	.81	.75	.83	.77	.73	.79	.75	.71	.75	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



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

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

WEC AND CCEC

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm					
NAME: SF16-24V-3528-120-CC-2700			TYPE:硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022040701
MFR.: OLYMPIA			SUR.:1*0.0165		PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.317	.180	.057	.309	.176	.056	.294	.168	.054	.280	.161	.052	.267	.155	.050	
2.0	.296	.162	.050	.288	.159	.049	.275	.153	.047	.262	.147	.046	.250	.142	.045	
3.0	.272	.145	.043	.266	.142	.043	.254	.137	.042	.242	.133	.041	.232	.128	.040	
4.0	.251	.130	.038	.245	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032	
6.0	.214	.107	.031	.210	.106	.030	.201	.103	.030	.193	.100	.029	.185	.097	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.024	.171	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022	
10.0	.164	.078	.022	.160	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.021	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.209	.184	.161	.178	.158	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.201	.160	.125	.172	.138	.108	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.088	.114	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.185	.129	.086	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.111	.067	.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	.007	
8.0	.157	.098	.057	.136	.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	.044	.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:2022-04-07

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

Uncorrected UGR Table

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm											
NAME: SF16-24V-3528-120-CC-2700						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022040701			
MFR.: OLYMPIA						SUR.:1*0.0165		PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	2H	19.3	20.7	19.6	21.0	21.3	19.4	20.9	19.7	21.1	21.4
	3H	20.8	22.2	21.1	22.5	22.8	21.0	22.3	21.3	22.6	22.9
	4H	21.4	22.7	21.8	23.0	23.4	21.6	22.9	22.0	23.2	23.5
	6H	21.9	23.1	22.2	23.4	23.8	22.1	23.3	22.4	23.6	24.0
	8H	22.0	23.2	22.4	23.6	23.9	22.2	23.4	22.6	23.7	24.1
	12H	22.2	23.3	22.6	23.7	24.0	22.3	23.4	22.7	23.8	24.2
4H	2H	19.9	21.2	20.3	21.5	21.8	20.0	21.3	20.4	21.6	21.9
	3H	21.6	22.7	22.0	23.1	23.5	21.7	22.9	22.2	23.2	23.6
	4H	22.3	23.4	22.8	23.8	24.2	22.5	23.5	22.9	23.9	24.3
	6H	22.9	23.9	23.4	24.3	24.7	23.1	24.0	23.5	24.4	24.9
	8H	23.1	24.0	23.6	24.4	24.9	23.3	24.2	23.8	24.6	25.0
	12H	23.3	24.1	23.8	24.6	25.1	23.4	24.2	23.9	24.7	25.2
8H	4H	22.6	23.5	23.1	23.9	24.4	22.8	23.6	23.2	24.1	24.5
	6H	23.4	24.1	23.9	24.5	25.1	23.5	24.2	24.0	24.7	25.2
	8H	23.7	24.3	24.2	24.8	25.3	23.8	24.4	24.3	24.9	25.4
	12H	24.0	24.5	24.5	25.0	25.6	24.0	24.6	24.6	25.1	25.6
12H	4H	22.6	23.4	23.1	23.9	24.4	22.8	23.6	23.3	24.0	24.5
	6H	23.4	24.1	23.9	24.5	25.1	23.6	24.2	24.1	24.7	25.2
	8H	23.8	24.3	24.3	24.8	25.4	23.9	24.4	24.4	24.9	25.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 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 364.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -3.5)

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

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

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

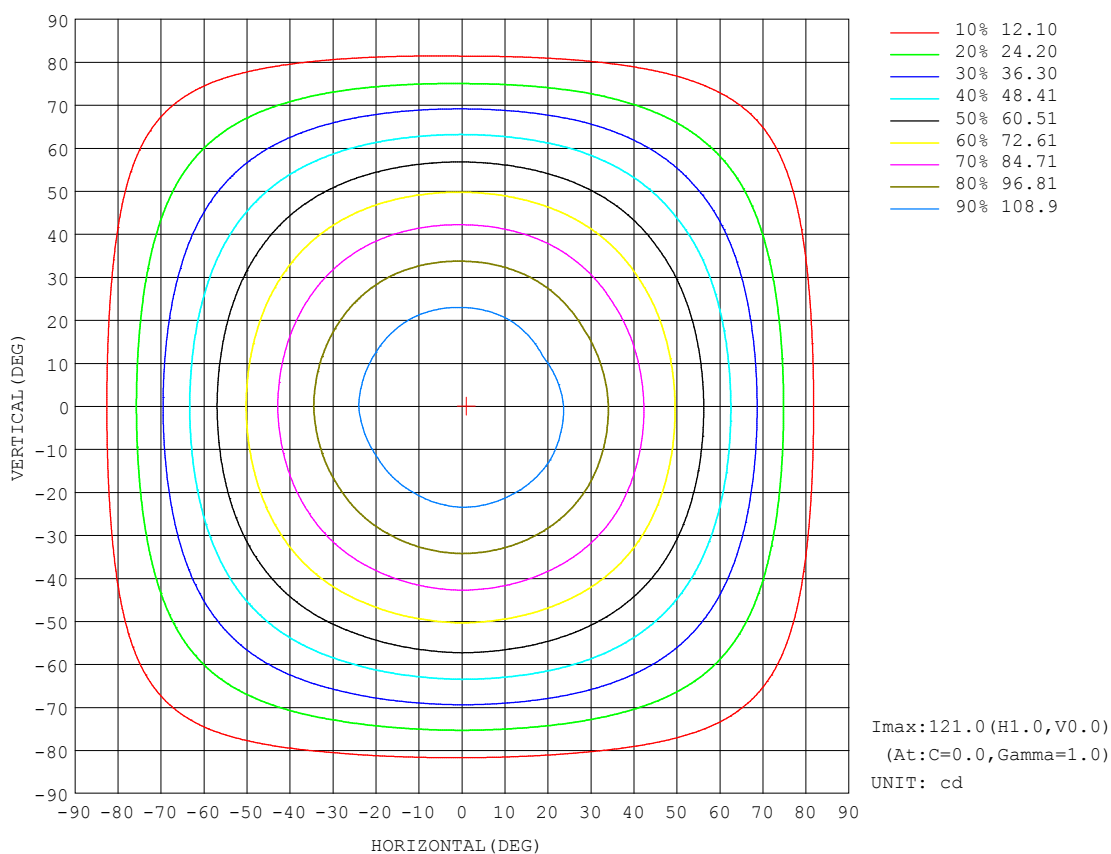
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	84	78	91	83	77	87	80	75	66
2.50	97	89	83	95	88	82	91	84	80	70
3.00	101	93	88	98	92	86	94	88	84	74
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	104	100	96	99	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

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

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

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

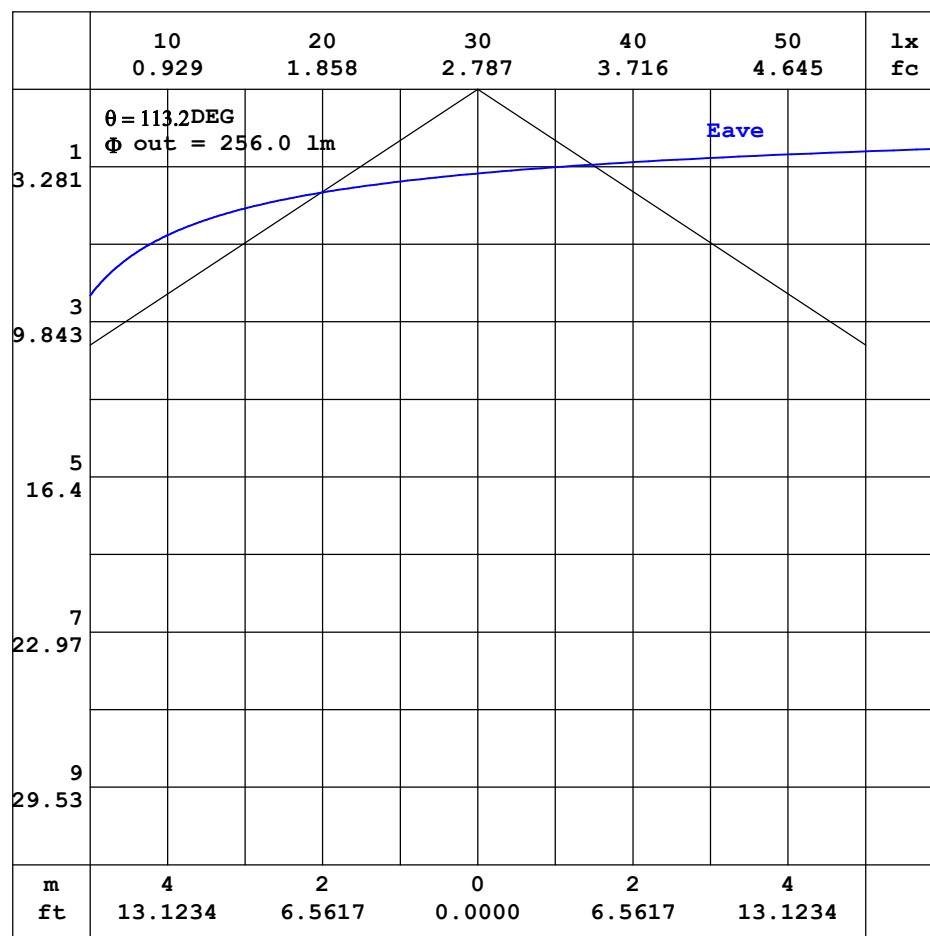


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-04-07

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

AAI CURVES

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



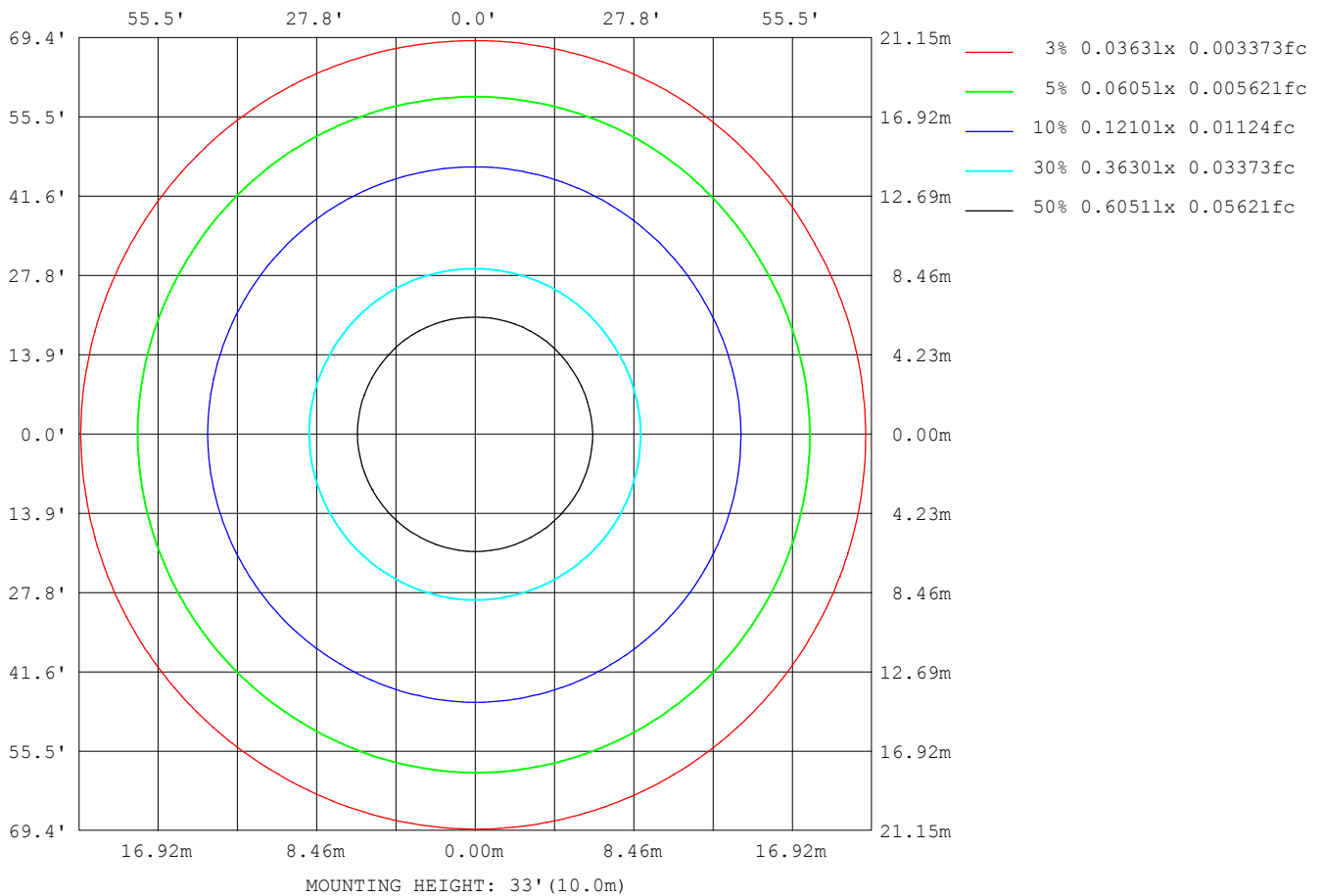
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

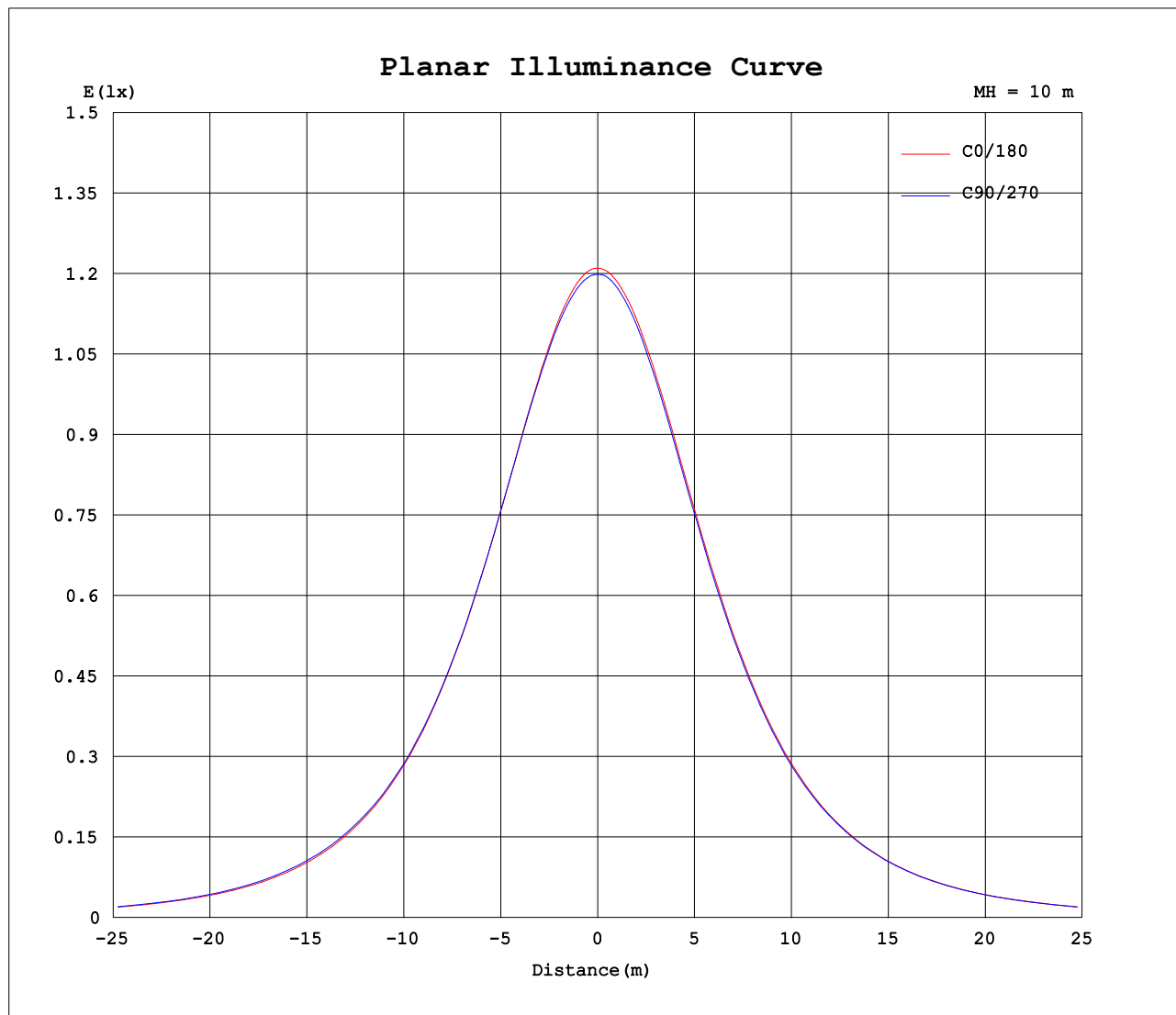
Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3987A P:9.568W PF:1.000 Lamp Flux:364.112x1 lm		
NAME: SF16-24V-3528-120-CC-2700	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022040701
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	121	121	120	120	120	119	121	121	120	120	120	119							
5	120	120	120	119	119	119	120	120	120	119	119	119							
10	119	119	118	118	118	117	119	118	118	118	118	117							
15	116	116	116	115	115	115	116	116	116	115	115	114							
20	112	112	112	112	111	111	113	112	112	111	111	111							
25	108	108	107	107	107	107	108	107	107	107	107	106							
30	102	102	102	102	102	101	102	102	102	101	101	101							
35	95.5	95.9	95.7	95.8	95.4	95.2	96.1	95.7	95.6	95.1	94.9	94.3							
40	88.3	88.8	88.6	88.8	88.4	88.3	89.0	88.6	88.6	88.0	87.9	87.3							
45	80.4	80.9	80.9	81.2	80.7	80.7	81.3	80.9	80.8	80.3	80.1	79.5							
50	71.9	72.5	72.7	73.3	72.4	72.5	72.9	72.5	72.5	72.2	71.7	71.0							
55	62.8	63.5	64.1	64.6	63.6	63.7	64.1	63.6	63.8	63.6	63.1	62.1							
60	53.3	54.0	54.9	55.5	54.4	54.5	54.8	54.2	54.6	54.4	54.1	52.7							
65	43.5	44.2	45.1	45.4	44.6	44.9	45.2	44.7	44.8	44.6	44.5	43.0							
70	33.6	34.2	34.8	35.1	34.7	35.0	35.4	34.9	34.8	34.4	34.4	33.3							
75	23.8	24.3	24.6	24.9	24.7	25.3	25.6	25.1	24.9	24.1	24.3	23.5							
80	14.8	15.1	14.9	15.2	15.2	16.0	16.3	15.9	15.3	14.5	14.7	14.5							
85	8.06	7.91	7.10	6.93	7.34	8.46	8.84	8.36	7.22	6.41	6.76	7.50							
90	3.76	3.63	3.27	2.93	3.24	3.95	4.05	3.75	2.91	2.65	2.84	3.28							
95	1.96	1.97	2.68	2.90	2.46	1.93	1.55	1.77	2.02	2.40	2.14	1.75							
100	1.76	1.82	2.61	2.87	2.44	1.72	1.09	1.50	2.01	2.37	2.04	1.59							
105	1.69	1.79	2.60	2.86	2.44	1.71	1.09	1.48	2.00	2.34	1.99	1.46							
110	1.67	1.78	2.58	2.85	2.44	1.73	1.13	1.48	2.00	2.28	1.97	1.43							
115	1.69	1.80	2.54	2.78	2.44	1.78	1.21	1.49	2.01	2.25	1.97	1.43							
120	1.72	1.85	2.49	2.72	2.41	1.82	1.30	1.51	2.01	2.22	1.97	1.44							
125	1.80	1.90	2.44	2.65	2.38	1.87	1.41	1.56	2.01	2.20	1.97	1.50							
130	1.88	1.96	2.38	2.55	2.36	1.95	1.53	1.64	2.01	2.17	1.97	1.56							
135	1.95	2.02	2.34	2.45	2.35	2.02	1.65	1.72	2.02	2.16	1.99	1.64							
140	2.05	2.09	2.33	2.36	2.33	2.09	1.77	1.80	2.05	2.16	2.01	1.73							
145	2.13	2.16	2.31	2.35	2.31	2.18	1.90	1.89	2.08	2.16	2.04	1.84							
150	2.20	2.23	2.30	2.35	2.31	2.24	2.02	1.99	2.12	2.17	2.08	1.94							
155	2.27	2.30	2.30	2.36	2.32	2.31	2.13	2.09	2.18	2.17	2.14	2.05							
160	2.32	2.37	2.32	2.40	2.35	2.38	2.24	2.21	2.26	2.21	2.23	2.15							
165	2.38	2.43	2.38	2.45	2.39	2.43	2.34	2.29	2.35	2.29	2.31	2.24							
170	2.44	2.47	2.43	2.46	2.43	2.46	2.43	2.37	2.42	2.36	2.39	2.31							
175	2.45	2.47	2.45	2.47	2.44	2.46	2.47	2.42	2.48	2.44	2.46	2.38							
180	2.46	2.47	2.46	2.47	2.45	2.46	2.47	2.45	2.48	2.46	2.46	2.45							

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

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

Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	121.0	120.5	120.2	119.9	119.6	119.4	121.0	120.5	120.2	119.9
3.0	120.9	120.4	120.0	119.7	119.5	119.2	120.8	120.4	120.0	119.7
6.0	120.2	119.8	119.5	119.2	118.9	118.7	120.3	119.8	119.4	119.1
9.0	119.2	118.9	118.5	118.3	118.0	117.8	119.3	118.8	118.5	118.2
12.0	117.8	117.6	117.2	117.1	116.7	116.5	118.0	117.4	117.2	116.8
15.0	116.0	116.0	115.6	115.5	115.0	114.8	116.3	115.7	115.5	115.1
18.0	113.9	113.9	113.5	113.5	113.0	112.9	114.2	113.6	113.5	113.1
21.0	111.4	111.5	111.1	111.2	110.6	110.5	111.7	111.2	111.1	110.6
24.0	108.6	108.8	108.4	108.5	107.9	107.8	108.9	108.4	108.3	107.8
27.0	105.5	105.6	105.4	105.4	105.0	104.8	105.8	105.4	105.2	104.8
30.0	102.0	102.3	102.0	102.1	101.6	101.4	102.4	102.0	101.9	101.3
33.0	98.20	98.54	98.34	98.44	97.96	97.90	98.72	98.29	98.19	97.60
36.0	94.16	94.50	94.35	94.49	94.04	93.95	94.73	94.31	94.22	93.64
39.0	89.80	90.27	90.10	90.35	89.79	89.72	90.51	90.06	90.00	89.51
42.0	85.20	85.75	85.59	85.90	85.32	85.41	86.02	85.55	85.51	84.97
45.0	80.40	80.95	80.89	81.20	80.66	80.70	81.27	80.89	80.80	80.29
48.0	75.32	76.00	76.01	76.53	75.75	75.75	76.36	75.92	75.89	75.44
51.0	70.09	70.79	71.00	71.62	70.68	70.72	71.22	70.79	70.84	70.50
54.0	64.64	65.36	65.89	66.47	65.43	65.51	65.89	65.50	65.57	65.45
57.0	59.06	59.78	60.52	61.15	60.00	60.07	60.42	59.98	60.17	60.11
60.0	53.31	54.02	54.91	55.48	54.36	54.53	54.78	54.25	54.57	54.42
63.0	47.49	48.13	49.10	49.44	48.57	48.72	49.04	48.63	48.77	48.70
66.0	41.52	42.17	43.04	43.36	42.64	42.89	43.20	42.75	42.81	42.63
69.0	35.60	36.18	36.92	37.19	36.67	37.04	37.32	36.83	36.81	36.51
72.0	29.66	30.15	30.74	31.04	30.67	31.01	31.41	31.00	30.80	30.31
75.0	23.84	24.31	24.62	24.89	24.71	25.32	25.59	25.12	24.86	24.15
78.0	18.24	18.57	18.64	19.25	18.88	19.57	19.97	19.45	19.07	18.36
81.0	13.28	13.40	13.15	13.30	13.46	14.26	14.65	14.16	13.54	12.71
84.0	9.198	9.065	8.411	8.454	8.688	9.713	10.11	9.603	8.642	7.785
87.0	5.992	5.853	4.992	4.622	5.143	6.366	6.664	6.186	4.997	4.035
90.0	3.756	3.634	3.271	2.925	3.237	3.950	4.048	3.750	2.911	2.646
93.0	2.401	2.335	2.745	2.920	2.549	2.455	2.277	2.264	2.090	2.475
96.0	1.866	1.910	2.679	2.899	2.443	1.809	1.345	1.650	2.021	2.392
99.0	1.769	1.834	2.614	2.881	2.442	1.732	1.095	1.528	2.016	2.377
102.0	1.739	1.800	2.604	2.868	2.441	1.707	1.090	1.483	2.010	2.362
105.0	1.694	1.787	2.596	2.859	2.440	1.709	1.086	1.478	2.004	2.337
108.0	1.671	1.786	2.588	2.852	2.440	1.729	1.106	1.481	2.003	2.312
111.0	1.677	1.784	2.578	2.844	2.439	1.749	1.146	1.483	2.004	2.277
114.0	1.683	1.799	2.553	2.799	2.438	1.769	1.191	1.485	2.005	2.252
117.0	1.689	1.824	2.528	2.769	2.428	1.794	1.242	1.487	2.006	2.241
120.0	1.719	1.850	2.493	2.724	2.412	1.824	1.297	1.508	2.007	2.221
123.0	1.759	1.880	2.458	2.699	2.392	1.860	1.372	1.533	2.008	2.211
126.0	1.809	1.910	2.423	2.628	2.377	1.895	1.438	1.568	2.009	2.191
129.0	1.869	1.935	2.392	2.568	2.357	1.935	1.508	1.608	2.010	2.176
132.0	1.910	1.970	2.357	2.498	2.352	1.980	1.583	1.653	2.010	2.171
135.0	1.955	2.015	2.345	2.452	2.349	2.015	1.649	1.719	2.020	2.162
138.0	2.005	2.051	2.337	2.382	2.340	2.061	1.719	1.754	2.040	2.161
141.0	2.055	2.101	2.327	2.357	2.330	2.111	1.790	1.809	2.051	2.162
144.0	2.105	2.146	2.307	2.354	2.322	2.156	1.875	1.879	2.066	2.164
147.0	2.141	2.186	2.297	2.352	2.307	2.196	1.940	1.920	2.091	2.165
150.0	2.201	2.232	2.295	2.350	2.312	2.242	2.016	1.985	2.121	2.167
153.0	2.246	2.272	2.301	2.347	2.317	2.282	2.086	2.050	2.146	2.168
156.0	2.292	2.317	2.306	2.362	2.322	2.327	2.146	2.121	2.186	2.170
159.0	2.312	2.362	2.312	2.387	2.327	2.362	2.217	2.176	2.237	2.171
162.0	2.352	2.397	2.357	2.418	2.377	2.397	2.277	2.231	2.292	2.226
165.0	2.377	2.432	2.377	2.453	2.392	2.428	2.337	2.287	2.347	2.286
168.0	2.417	2.458	2.402	2.464	2.407	2.454	2.397	2.327	2.392	2.327
171.0	2.442	2.469	2.437	2.465	2.437	2.457	2.438	2.372	2.438	2.372
174.0	2.450	2.471	2.445	2.466	2.442	2.460	2.468	2.407	2.473	2.417
177.0	2.458	2.473	2.453	2.468	2.448	2.463	2.473	2.447	2.478	2.458
180.0	2.463	2.473	2.463	2.468	2.448	2.463	2.468	2.453	2.478	2.458
G/C	300.0	330.0								
0.0	119.6	119.4								
3.0	119.4	119.2								
6.0	118.9	118.6								
9.0	117.9	117.7								
12.0	116.6	116.2								
15.0	114.9	114.4								
18.0	112.9	112.3								
21.0	110.5	109.8								
24.0	107.7	107.1								
27.0	104.6	104.1								
30.0	101.2	100.7								

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

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

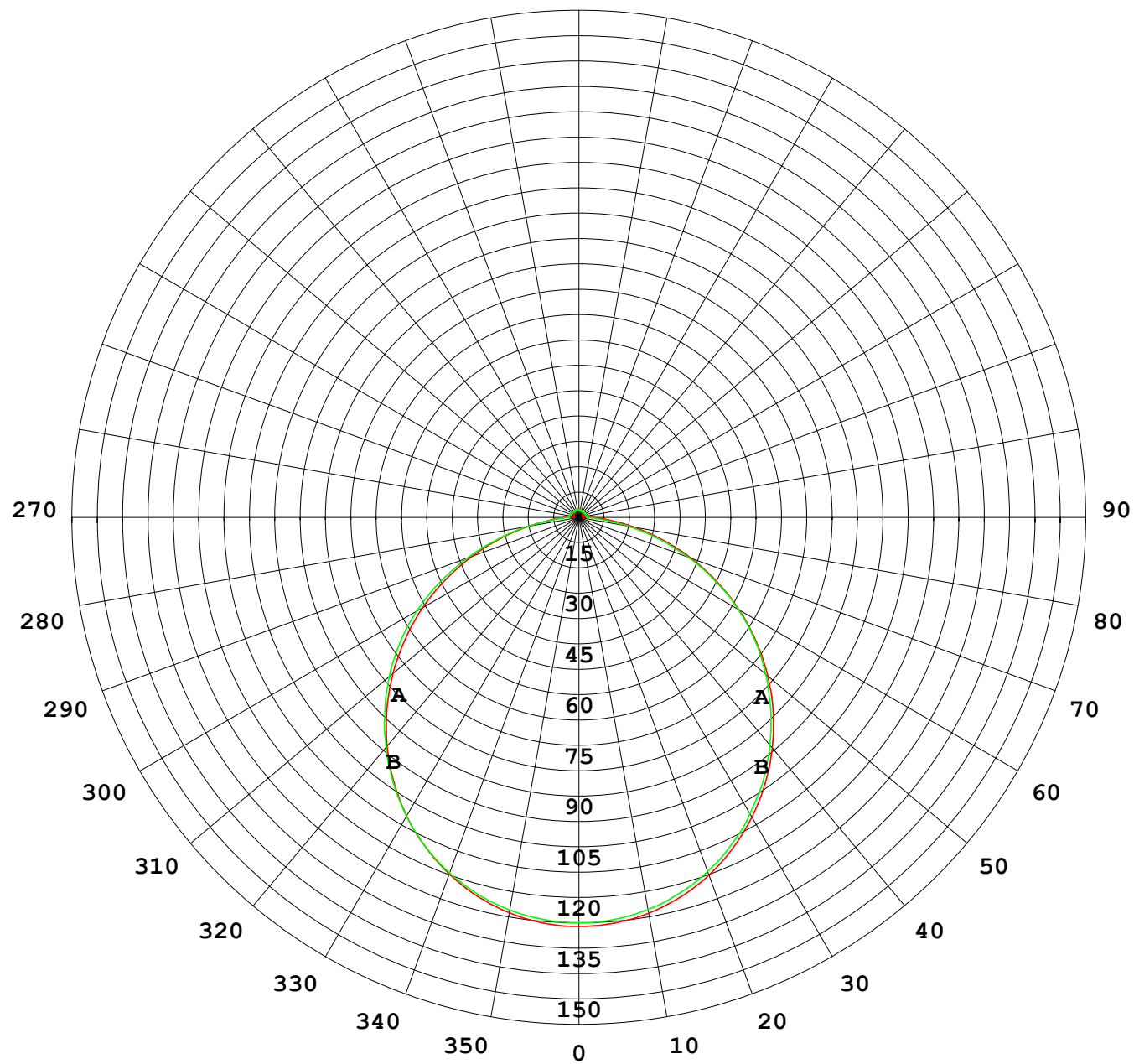
Photometric Data Table [cd]

33.0	97.54	96.93
36.0	93.57	93.00
39.0	89.31	88.66
42.0	84.82	84.11
45.0	80.08	79.48
48.0	75.12	74.41
51.0	70.03	69.18
54.0	64.80	63.94
57.0	59.54	58.43
60.0	54.10	52.68
63.0	48.45	47.06
66.0	42.51	41.18
69.0	36.40	35.25
72.0	30.29	29.40
75.0	24.26	23.54
78.0	18.44	17.91
81.0	12.93	12.89
84.0	8.110	8.667
87.0	4.716	5.432
90.0	2.841	3.282
93.0	2.226	2.078
96.0	2.120	1.684
99.0	2.045	1.598
102.0	1.990	1.538
105.0	1.985	1.458
108.0	1.978	1.437
111.0	1.970	1.433
114.0	1.971	1.434
117.0	1.972	1.436
120.0	1.973	1.437
123.0	1.974	1.492
126.0	1.974	1.513
129.0	1.975	1.553
132.0	1.975	1.598
135.0	1.985	1.638
138.0	1.995	1.704
141.0	2.010	1.759
144.0	2.031	1.809
147.0	2.056	1.884
150.0	2.081	1.945
153.0	2.121	2.005
156.0	2.156	2.065
159.0	2.207	2.126
162.0	2.257	2.196
165.0	2.312	2.241
168.0	2.357	2.287
171.0	2.403	2.332
174.0	2.448	2.367
177.0	2.463	2.397
180.0	2.463	2.448

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

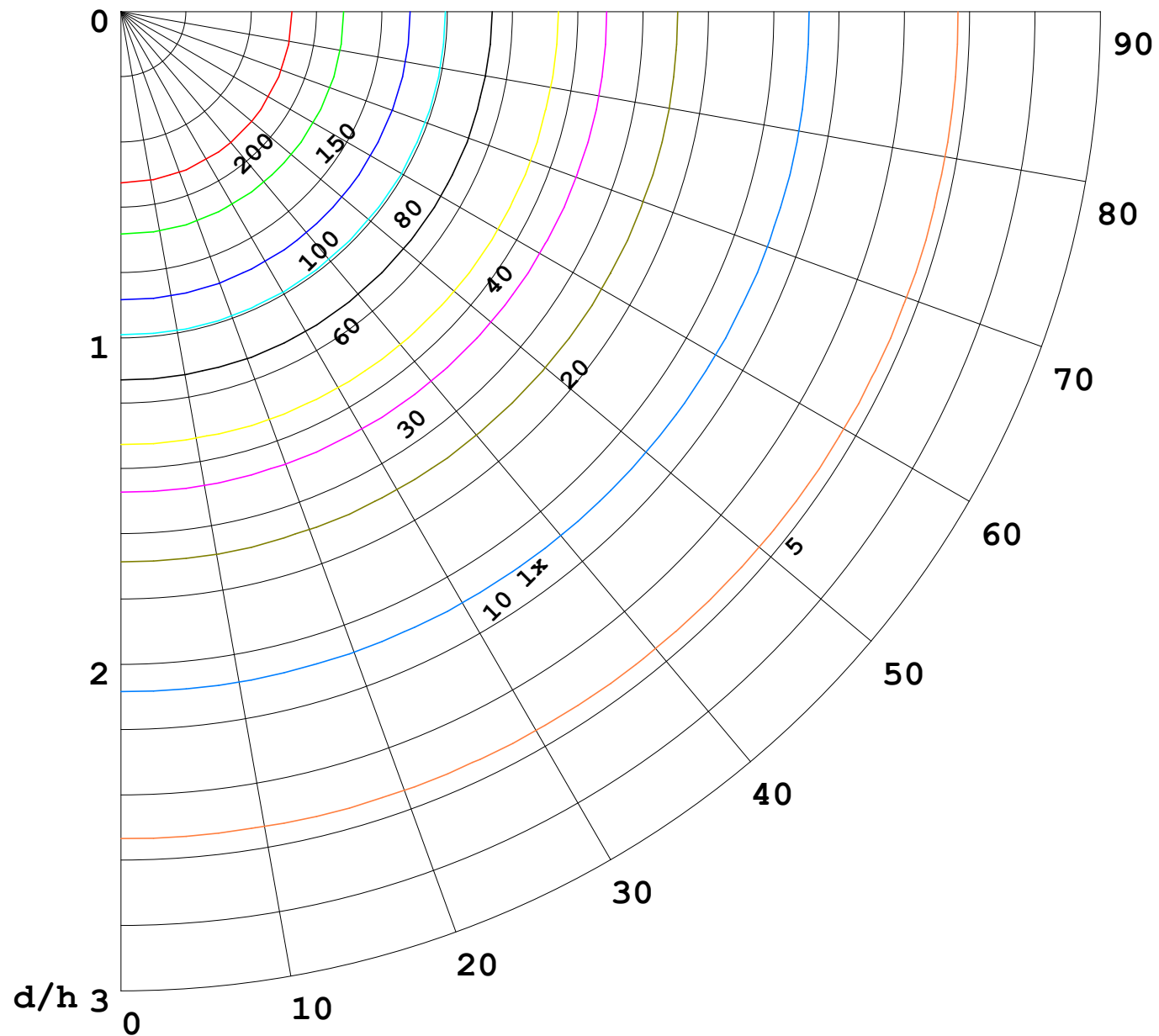
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

I (cd)



1000 lm

$\kappa = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

