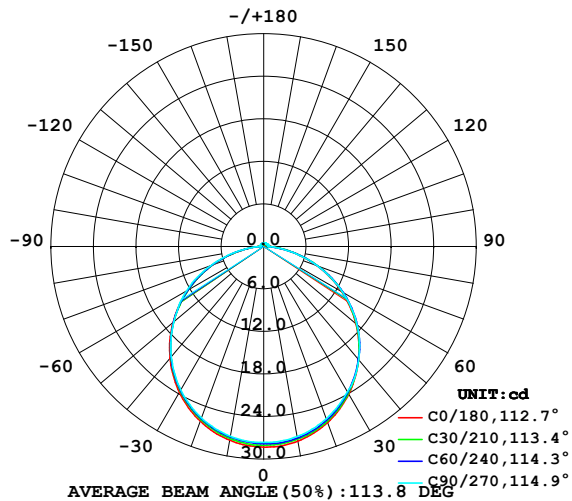


LUMINAIRE PHOTOMETRIC TEST REPORT

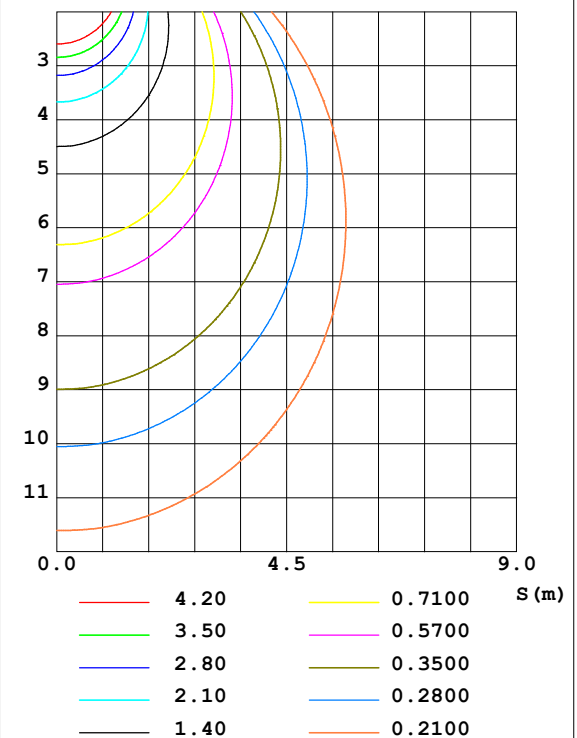
Test:U:24.00V I:0.3607A P:8.656W PF:1.000 Lamp Flux:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 9.66 lm/W
MODEL	3528	I _{max} (cd)	28.30	S/MH (C0/180)	1.26	
NOMINAL POWER (W)	10	LOR (%)	100.0	S/MH (C90/270)	1.28	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	83.641	η UP, DN (C0-180)	1.9, 48.7	
NOMINAL FLUX (lm)	83.6107	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 48.0	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24.0	η down (%)	96.6	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



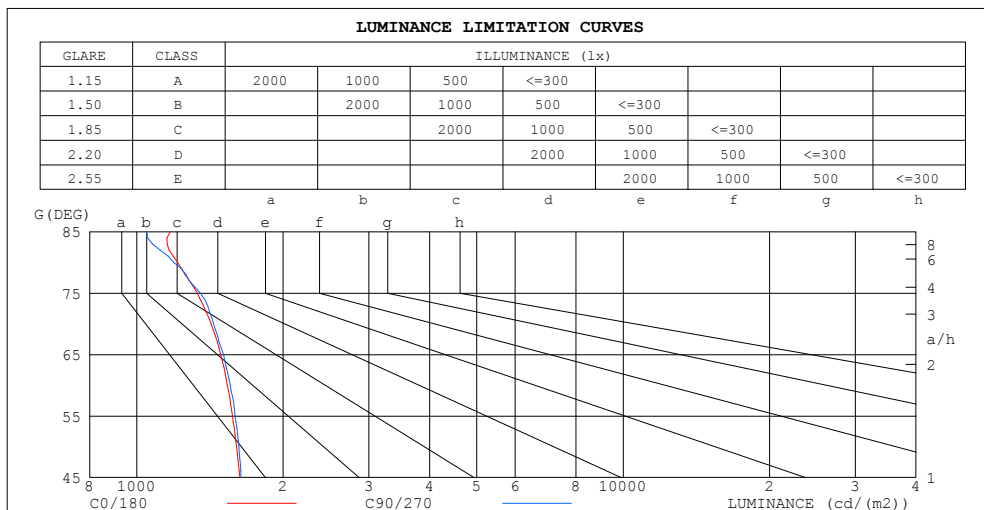
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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	27.88	27.53	27.24	26.98	27.74	27.40	27.20	27.00	0- 10	2.631	2.631	3.15,3.15
20	26.41	26.15	25.87	25.54	26.21	25.91	25.73	25.58	10- 20	7.541	10.17	12.2,12.2
30	24.02	23.86	23.66	23.25	23.78	23.53	23.38	23.28	20- 30	11.44	21.61	25.8,25.8
40	20.85	20.79	20.85	20.21	20.57	20.38	20.29	20.23	30- 40	13.83	35.44	42.4,42.4
50	17.02	17.16	17.19	16.50	16.71	16.59	16.58	16.53	40- 50	14.42	49.86	59.6,59.6
60	12.67	12.89	12.84	12.26	12.36	12.32	12.60	12.43	50- 60	13.13	62.99	75.3,75.3
70	8.021	8.155	8.118	7.665	7.704	7.704	7.924	7.915	60- 70	10.13	73.11	87.4,87.4
80	3.472	3.516	3.414	3.157	3.162	3.168	3.325	3.379	70- 80	5.872	78.98	94.4,94.5
90	0.6600	0.6936	0.6583	0.6483	0.5317	0.5354	0.5613	0.5305	80- 90	1.812	80.80	96.6,96.6
100	0.3275	0.5328	0.6318	0.5207	0.2662	0.3872	0.5356	0.3528	90-100	0.5192	81.31	97.2,97.3
110	0.3317	0.5128	0.6181	0.5128	0.2606	0.3754	0.5147	0.3537	100-110	0.4656	81.78	97.8,97.8
120	0.3358	0.4959	0.5930	0.5060	0.2815	0.3805	0.5016	0.3561	110-120	0.4306	82.21	98.3,98.3
130	0.3619	0.4825	0.5367	0.4959	0.3418	0.3874	0.4934	0.3633	120-130	0.3877	82.60	98.8,98.8
140	0.4070	0.4819	0.5139	0.4865	0.3921	0.4163	0.4898	0.3990	130-140	0.3404	82.94	99.2,99.2
150	0.4466	0.4973	0.5128	0.4885	0.4524	0.4397	0.4896	0.4212	140-150	0.2866	83.23	99.5,99.5
160	0.4725	0.5165	0.5327	0.5069	0.5026	0.4774	0.4929	0.4568	150-160	0.2220	83.45	99.8,99.8
170	0.5256	0.5325	0.5352	0.5211	0.5348	0.5174	0.4962	0.4920	160-170	0.1432	83.59	99.9,100
180	0.5327	0.5352	0.5378	0.5277	0.5378	0.5302	0.5277	0.5277	170-180	0.0499	83.64	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1173	1047
80	1212	1192
75	1331	1351
70	1421	1438
65	1488	1507
60	1536	1557
55	1573	1593
50	1604	1621
45	1629	1638

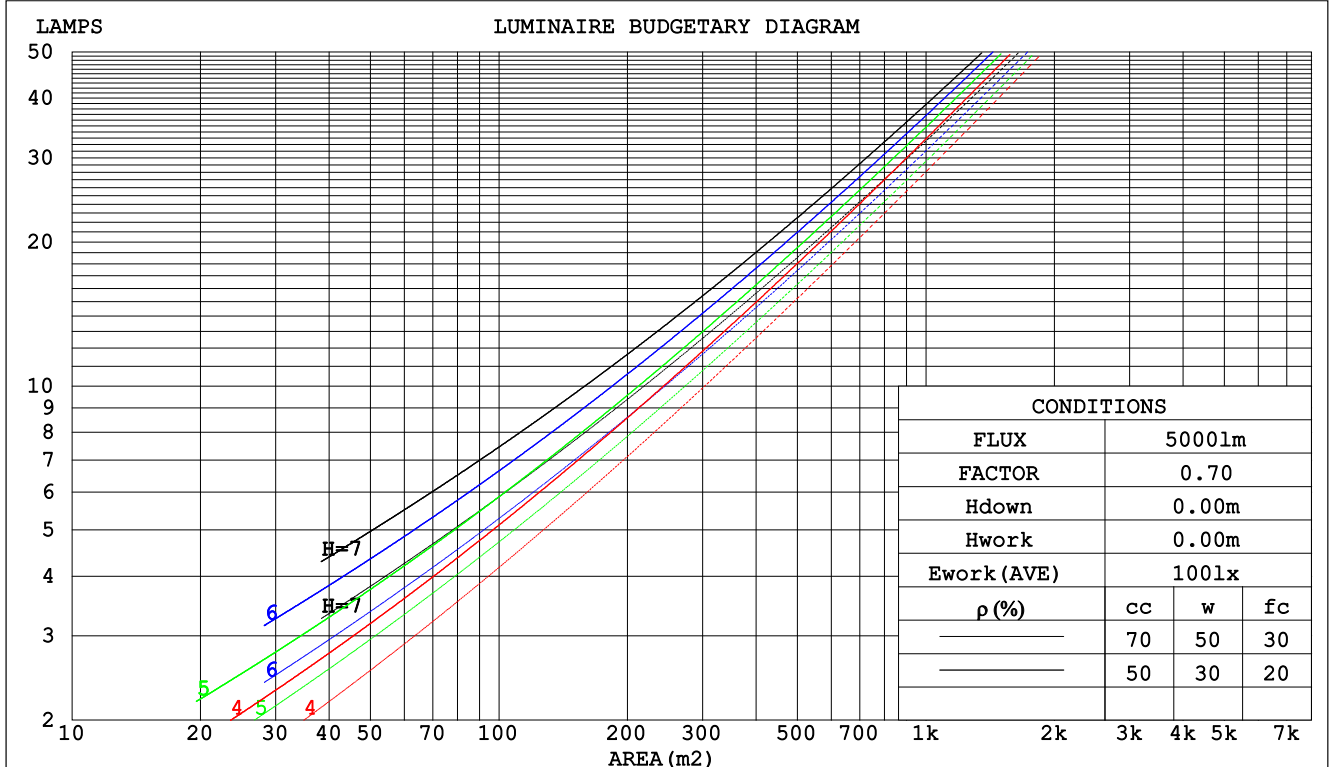
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	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	.60	.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	.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:0.3607A P:8.656W PF:1.000 Lamp Flux:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	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	.314	.178	.057	.306	.174	.055	.290	.167	.053	.276	.159	.051	.264	.153	.049		
2.0	.294	.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	.118	.034	.226	.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	.171	.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	.073	.073	.073	.023	.023	.023	
1.0	.207	.182	.160	.177	.156	.138	.121	.108	.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	.141	.101	.164	.121	.087	.113	.084	.061	.065	.049	.036	.021	.016	.012	
4.0	.184	.128	.085	.158	.110	.074	.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	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.060	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.156	.096	.056	.134	.084	.048	.093	.059	.034	.054	.035	.020	.017	.011	.007	
9.0	.150	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.049	.124	.076	.043	.086	.053	.031	.050	.032	.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:83.6107x1 lm											
NAME: SF16-24V-3528-120-R						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	14.4	15.9	14.7	16.1	16.4	14.4	15.9	14.7	16.2	16.4	
	3H	15.9	17.3	16.3	17.6	17.9	16.0	17.3	16.3	17.6	17.9
	4H	16.6	17.8	16.9	18.2	18.5	16.6	17.9	17.0	18.2	18.5
	6H	17.0	18.2	17.4	18.6	18.9	17.0	18.3	17.4	18.6	18.9
	8H	17.1	18.3	17.5	18.7	19.0	17.2	18.3	17.6	18.7	19.1
	12H	17.3	18.4	17.7	18.7	19.1	17.2	18.4	17.6	18.7	19.1
4H	2H	15.0	16.3	15.4	16.6	16.9	15.0	16.3	15.4	16.6	17.0
	3H	16.7	17.9	17.1	18.2	18.6	16.8	17.9	17.2	18.3	18.6
	4H	17.5	18.5	17.9	18.9	19.3	17.5	18.6	17.9	18.9	19.3
	6H	18.1	19.0	18.5	19.4	19.8	18.1	19.0	18.5	19.4	19.9
	8H	18.3	19.1	18.7	19.6	20.0	18.3	19.1	18.7	19.5	20.0
	12H	18.4	19.2	18.9	19.7	20.1	18.4	19.2	18.9	19.6	20.1
8H	4H	17.8	18.6	18.2	19.1	19.5	17.8	18.6	18.3	19.1	19.5
	6H	18.5	19.2	19.0	19.7	20.2	18.5	19.2	19.0	19.7	20.2
	8H	18.8	19.4	19.3	19.9	20.4	18.8	19.4	19.3	19.9	20.4
	12H	19.0	19.6	19.6	20.1	20.6	19.0	19.5	19.5	20.0	20.6
12H	4H	17.8	18.6	18.3	19.0	19.5	17.8	18.6	18.3	19.0	19.5
	6H	18.6	19.2	19.1	19.7	20.2	18.6	19.2	19.1	19.7	20.2
	8H	18.9	19.4	19.4	19.9	20.5	18.9	19.4	19.4	19.9	20.5
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 83.61 lm Total Lamp Luminous Flux. (8log(F/F0) = -8.6)

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:0.3607A P:8.656W PF:1.000 Lamp Flux:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

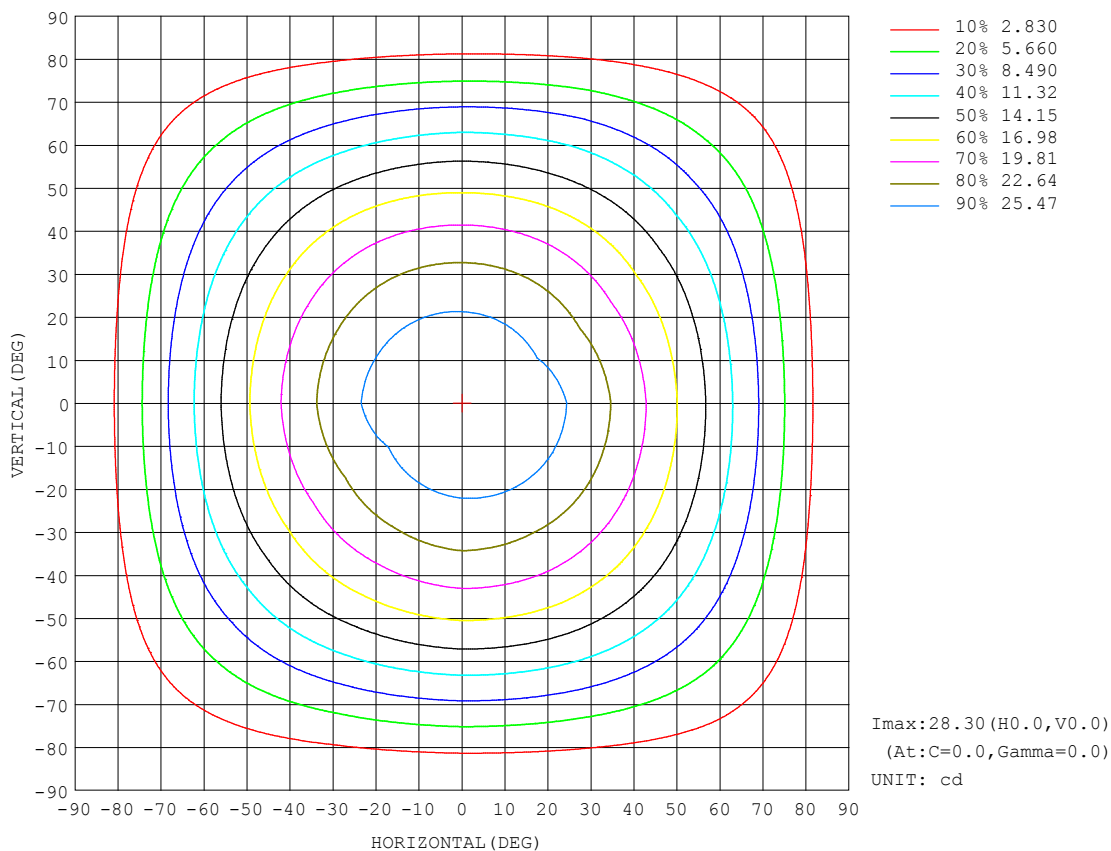
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	98	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:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

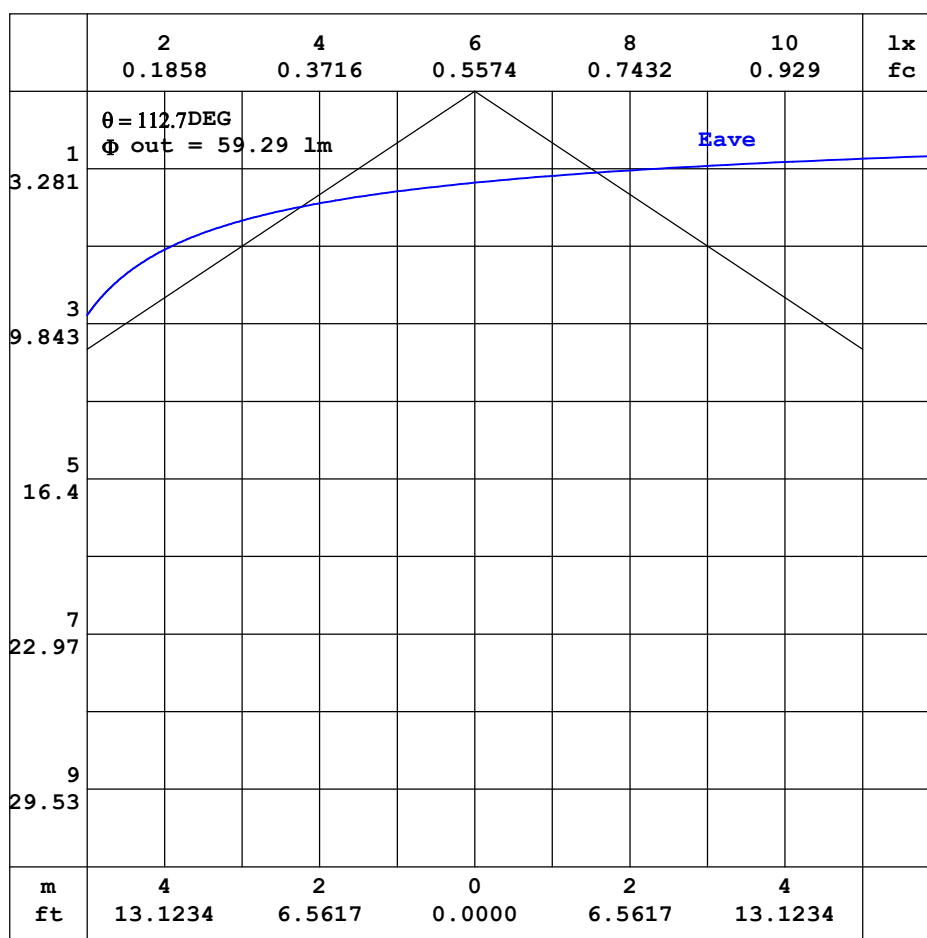


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-23

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:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



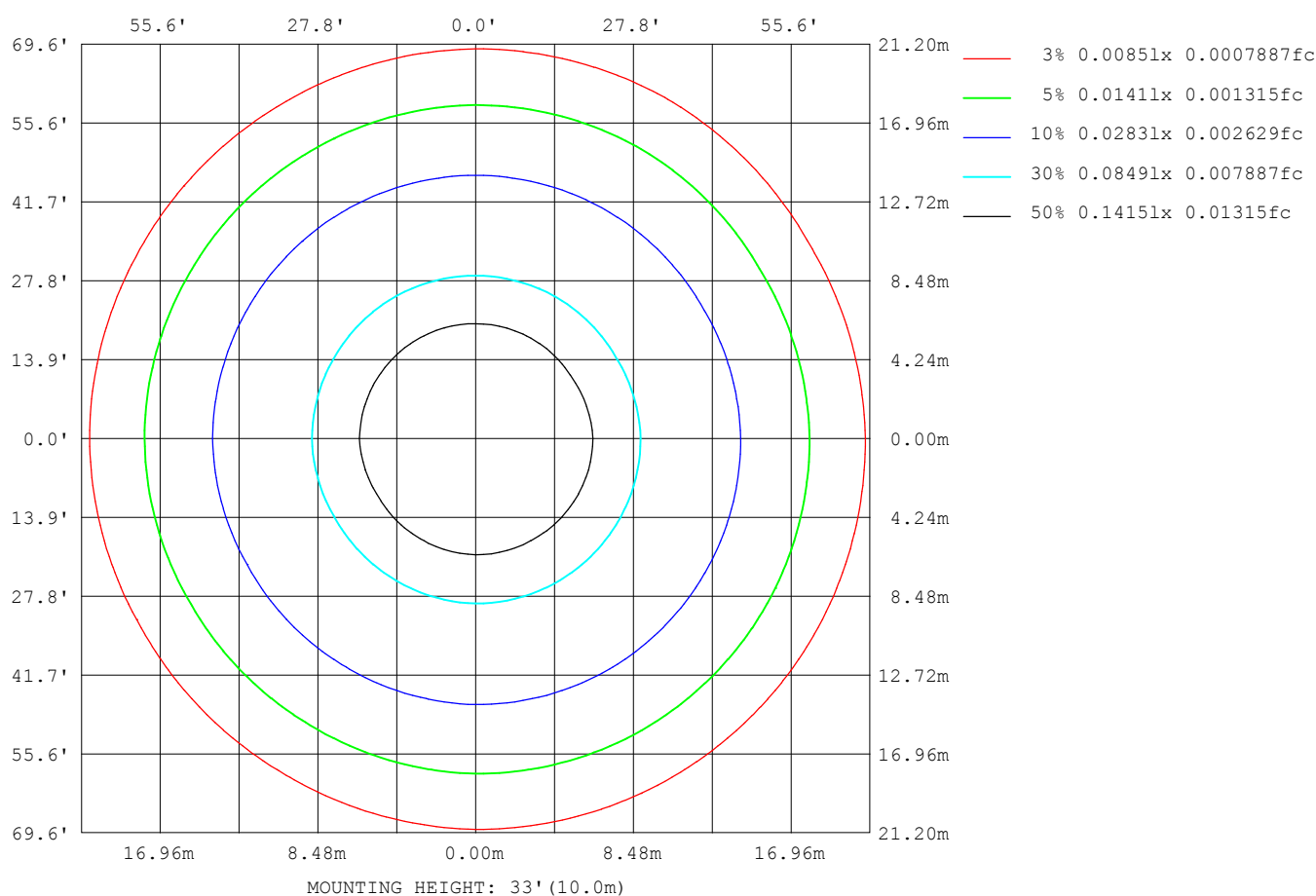
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

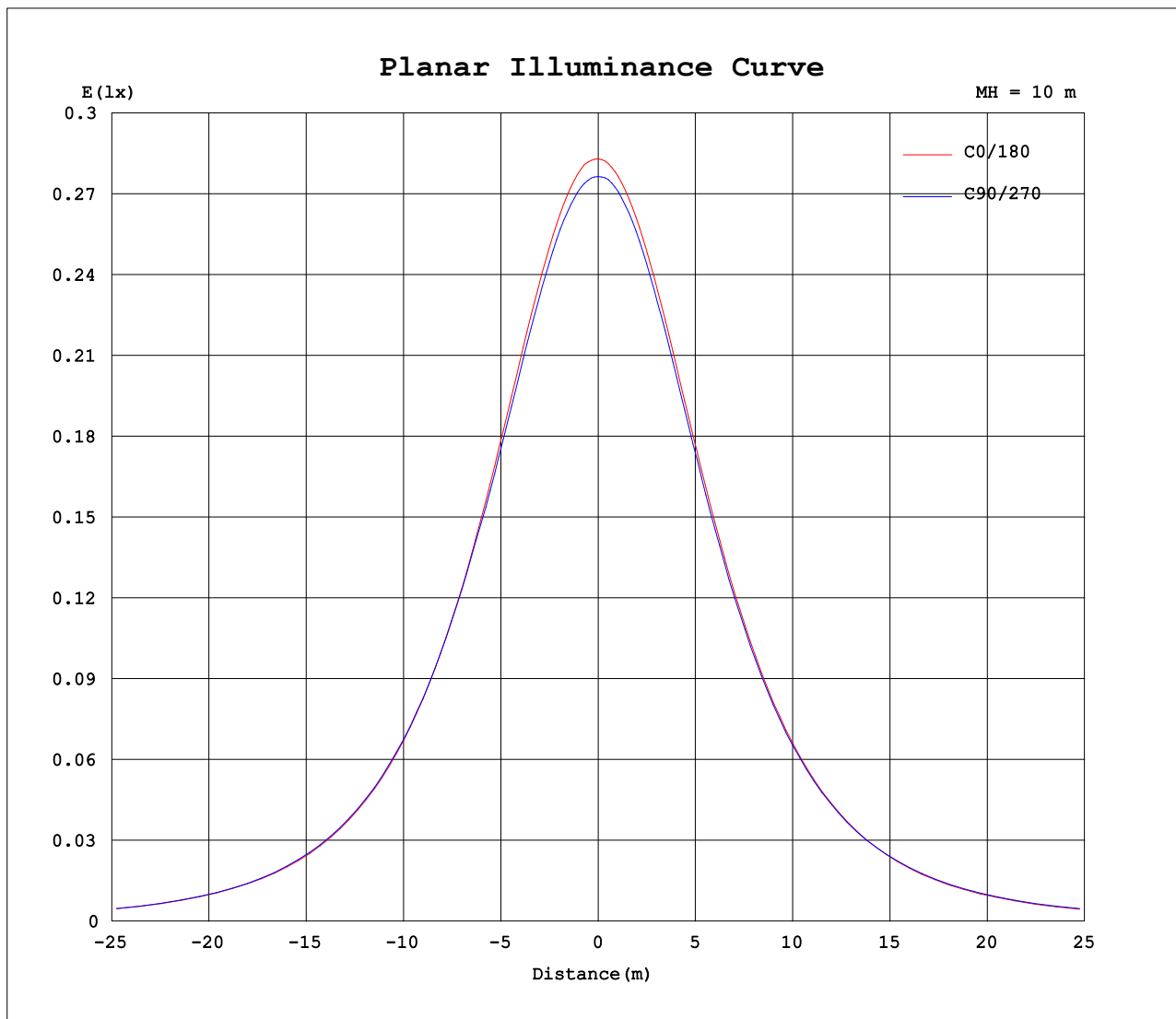
Test:U:24.00V I:0.3607A P:8.656W PF:1.000 Lamp Flux:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032301
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



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:83.6107x1 lm		
NAME: SF16-24V-3528-120-R	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	28.3	28.0	27.8	27.6	27.5	27.4	28.3	28.0	27.8	27.6	27.5	27.4						
5	28.2	27.9	27.8	27.6	27.4	27.2	28.1	27.9	27.7	27.6	27.4	27.3						
10	27.9	27.6	27.4	27.2	27.1	26.9	27.7	27.5	27.3	27.2	27.0	27.0						
15	27.3	27.1	26.9	26.7	26.5	26.3	27.1	26.9	26.7	26.6	26.4	26.4						
20	26.4	26.3	26.1	25.9	25.6	25.4	26.2	26.0	25.8	25.7	25.6	25.5						
25	25.3	25.2	25.0	24.9	24.6	24.4	25.1	24.9	24.8	24.7	24.6	24.5						
30	24.0	23.9	23.8	23.7	23.4	23.1	23.8	23.6	23.5	23.4	23.3	23.2						
35	22.5	22.5	22.3	22.4	22.0	21.7	22.3	22.1	22.0	21.9	21.9	21.8						
40	20.8	20.8	20.8	20.9	20.3	20.1	20.6	20.4	20.4	20.3	20.3	20.2						
45	19.0	19.0	19.2	19.1	18.6	18.3	18.7	18.6	18.6	18.5	18.5	18.4						
50	17.0	17.1	17.2	17.2	16.6	16.4	16.7	16.6	16.6	16.6	16.6	16.5						
55	14.9	15.0	15.2	15.1	14.6	14.3	14.6	14.5	14.5	14.6	14.6	14.4						
60	12.7	12.9	12.9	12.8	12.4	12.2	12.4	12.3	12.4	12.6	12.6	12.3						
65	10.4	10.5	10.6	10.5	10.1	9.91	10.1	10.00	10.1	10.3	10.4	10.1						
70	8.02	8.16	8.15	8.12	7.73	7.60	7.70	7.65	7.76	7.92	8.05	7.78						
75	5.68	5.83	5.75	5.77	5.39	5.31	5.36	5.34	5.42	5.60	5.68	5.51						
80	3.47	3.59	3.44	3.41	3.17	3.15	3.16	3.15	3.19	3.33	3.41	3.35						
85	1.69	1.75	1.59	1.50	1.41	1.49	1.47	1.45	1.35	1.40	1.50	1.58						
90	0.66	0.69	0.69	0.66	0.66	0.64	0.53	0.58	0.49	0.56	0.49	0.57						
95	0.34	0.50	0.59	0.64	0.58	0.47	0.27	0.35	0.47	0.55	0.43	0.29						
100	0.33	0.48	0.59	0.63	0.58	0.46	0.27	0.33	0.45	0.54	0.43	0.28						
105	0.33	0.46	0.58	0.62	0.57	0.46	0.26	0.32	0.43	0.52	0.43	0.28						
110	0.33	0.45	0.58	0.62	0.57	0.45	0.26	0.32	0.44	0.51	0.43	0.28						
115	0.33	0.44	0.57	0.61	0.57	0.45	0.26	0.32	0.44	0.51	0.43	0.28						
120	0.34	0.43	0.56	0.59	0.57	0.45	0.28	0.32	0.45	0.50	0.43	0.28						
125	0.35	0.43	0.54	0.56	0.55	0.45	0.31	0.32	0.45	0.50	0.43	0.29						
130	0.36	0.44	0.53	0.54	0.54	0.45	0.34	0.32	0.46	0.49	0.44	0.29						
135	0.38	0.45	0.51	0.52	0.52	0.46	0.36	0.34	0.46	0.49	0.44	0.32						
140	0.41	0.47	0.50	0.51	0.51	0.46	0.39	0.36	0.47	0.49	0.46	0.34						
145	0.44	0.48	0.50	0.51	0.50	0.47	0.42	0.37	0.48	0.49	0.47	0.35						
150	0.45	0.49	0.50	0.51	0.49	0.49	0.45	0.39	0.49	0.49	0.47	0.37						
155	0.46	0.51	0.51	0.52	0.49	0.50	0.48	0.44	0.50	0.49	0.48	0.40						
160	0.47	0.52	0.51	0.53	0.50	0.52	0.50	0.45	0.50	0.49	0.49	0.43						
165	0.50	0.54	0.51	0.53	0.50	0.53	0.53	0.48	0.52	0.49	0.51	0.45						
170	0.53	0.54	0.53	0.54	0.50	0.54	0.53	0.51	0.53	0.50	0.52	0.46						
175	0.53	0.54	0.53	0.54	0.52	0.54	0.54	0.52	0.53	0.50	0.54	0.47						
180	0.53	0.54	0.53	0.54	0.53	0.53	0.54	0.53	0.53	0.53	0.54	0.51						

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	28.30	28.03	27.82	27.65	27.50	27.37	28.30	28.03	27.82	27.65
3.0	28.29	28.01	27.82	27.62	27.49	27.31	28.23	28.02	27.76	27.65
6.0	28.20	27.90	27.73	27.52	27.38	27.20	28.08	27.85	27.62	27.51
9.0	27.97	27.70	27.53	27.30	27.18	26.98	27.84	27.61	27.38	27.29
12.0	27.66	27.43	27.25	27.04	26.87	26.67	27.51	27.29	27.09	26.97
15.0	27.27	27.07	26.87	26.67	26.48	26.28	27.10	26.85	26.68	26.58
18.0	26.78	26.59	26.41	26.21	26.01	25.82	26.59	26.36	26.20	26.10
21.0	26.21	26.05	25.86	25.68	25.46	25.26	26.01	25.77	25.63	25.52
24.0	25.55	25.42	25.24	25.07	24.83	24.64	25.34	25.10	25.00	24.90
27.0	24.82	24.69	24.54	24.40	24.15	23.93	24.60	24.38	24.27	24.19
30.0	24.02	23.94	23.77	23.66	23.38	23.13	23.78	23.57	23.48	23.38
33.0	23.14	23.07	22.94	23.01	22.53	22.29	22.88	22.68	22.62	22.53
36.0	22.19	22.14	22.06	22.12	21.64	21.39	21.94	21.75	21.70	21.63
39.0	21.19	21.16	21.09	21.19	20.71	20.40	20.92	20.73	20.71	20.62
42.0	20.12	20.12	20.17	20.18	19.64	19.38	19.84	19.66	19.66	19.59
45.0	19.00	19.01	19.15	19.11	18.56	18.31	18.71	18.56	18.56	18.49
48.0	17.82	17.89	18.02	18.00	17.42	17.14	17.53	17.38	17.40	17.32
51.0	16.60	16.70	16.85	16.79	16.24	15.97	16.30	16.17	16.22	16.18
54.0	15.32	15.45	15.59	15.53	14.98	14.70	15.02	14.92	14.97	14.94
57.0	14.02	14.16	14.28	14.23	13.69	13.46	13.72	13.61	13.69	13.83
60.0	12.67	12.85	12.93	12.84	12.36	12.16	12.36	12.27	12.37	12.60
63.0	11.31	11.49	11.53	11.44	11.00	10.78	10.99	10.92	11.02	11.30
66.0	9.911	10.07	10.09	10.01	9.609	9.455	9.589	9.518	9.629	9.850
69.0	8.499	8.655	8.644	8.590	8.202	8.057	8.167	8.125	8.227	8.427
72.0	7.077	7.258	7.178	7.198	6.781	6.655	6.744	6.739	6.814	7.000
75.0	5.685	5.826	5.745	5.771	5.388	5.314	5.363	5.336	5.423	5.598
78.0	4.312	4.459	4.327	4.334	4.026	3.972	4.026	3.994	4.066	4.241
81.0	3.070	3.152	3.020	2.997	2.758	2.751	2.775	2.762	2.775	2.908
84.0	1.989	2.063	1.879	1.816	1.683	1.741	1.741	1.722	1.655	1.733
87.0	1.184	1.225	1.088	0.9836	0.9672	1.049	0.9982	1.002	0.8678	0.8715
90.0	0.6600	0.6926	0.6945	0.6583	0.6590	0.6376	0.5317	0.5839	0.4869	0.5613
93.0	0.3977	0.5036	0.5982	0.6447	0.5832	0.4721	0.3062	0.4023	0.4752	0.5536
96.0	0.3318	0.4934	0.5911	0.6392	0.5780	0.4688	0.2729	0.3468	0.4634	0.5459
99.0	0.3271	0.4832	0.5864	0.6337	0.5775	0.4655	0.2679	0.3267	0.4517	0.5381
102.0	0.3283	0.4730	0.5846	0.6285	0.5761	0.4622	0.2629	0.3266	0.4400	0.5304
105.0	0.3296	0.4628	0.5828	0.6241	0.5746	0.4589	0.2598	0.3210	0.4348	0.5227
108.0	0.3308	0.4526	0.5811	0.6196	0.5732	0.4555	0.2603	0.3154	0.4341	0.5167
111.0	0.3321	0.4424	0.5793	0.6131	0.5718	0.4522	0.2608	0.3155	0.4360	0.5137
114.0	0.3333	0.4353	0.5730	0.6081	0.5703	0.4489	0.2612	0.3157	0.4384	0.5076
117.0	0.3346	0.4345	0.5699	0.6030	0.5689	0.4456	0.2764	0.3158	0.4417	0.5046
120.0	0.3358	0.4338	0.5580	0.5930	0.5653	0.4467	0.2815	0.3160	0.4451	0.5016
123.0	0.3467	0.4330	0.5479	0.5829	0.5579	0.4500	0.2966	0.3161	0.4489	0.4986
126.0	0.3617	0.4345	0.5427	0.5578	0.5528	0.4515	0.3117	0.3163	0.4529	0.4955
129.0	0.3618	0.4372	0.5278	0.5397	0.5418	0.4520	0.3318	0.3165	0.4570	0.4938
132.0	0.3718	0.4473	0.5177	0.5306	0.5328	0.4552	0.3468	0.3266	0.4610	0.4927
135.0	0.3819	0.4533	0.5086	0.5208	0.5227	0.4588	0.3620	0.3417	0.4640	0.4916
138.0	0.3920	0.4608	0.5026	0.5141	0.5186	0.4624	0.3820	0.3568	0.4666	0.4905
141.0	0.4170	0.4674	0.4965	0.5138	0.5066	0.4624	0.3972	0.3611	0.4761	0.4894
144.0	0.4321	0.4774	0.4984	0.5135	0.5012	0.4715	0.4122	0.3654	0.4774	0.4883
147.0	0.4409	0.4850	0.5002	0.5131	0.4876	0.4875	0.4323	0.3769	0.4825	0.4886
150.0	0.4466	0.4925	0.5021	0.5128	0.4895	0.4875	0.4524	0.3920	0.4875	0.4896
153.0	0.4523	0.5026	0.5039	0.5187	0.4915	0.4976	0.4724	0.4220	0.4925	0.4906
156.0	0.4573	0.5127	0.5058	0.5177	0.4934	0.5076	0.4825	0.4421	0.4976	0.4916
159.0	0.4774	0.5217	0.5076	0.5228	0.4954	0.5177	0.4976	0.4497	0.4976	0.4926
162.0	0.4774	0.5320	0.5094	0.5277	0.4973	0.5227	0.5127	0.4572	0.5126	0.4935
165.0	0.4974	0.5361	0.5113	0.5334	0.4992	0.5277	0.5327	0.4824	0.5217	0.4945
168.0	0.5176	0.5368	0.5226	0.5345	0.5012	0.5334	0.5340	0.4975	0.5282	0.4955
171.0	0.5296	0.5373	0.5277	0.5356	0.5082	0.5390	0.5352	0.5086	0.5297	0.4965
174.0	0.5328	0.5375	0.5302	0.5367	0.5159	0.5409	0.5365	0.5176	0.5312	0.4975
177.0	0.5327	0.5378	0.5327	0.5378	0.5227	0.5428	0.5378	0.5277	0.5327	0.5177
180.0	0.5327	0.5378	0.5327	0.5378	0.5277	0.5277	0.5378	0.5277	0.5327	0.5277
G/C	300.0	330.0								
0.0	27.50	27.37								
3.0	27.46	27.38								
6.0	27.32	27.28								
9.0	27.12	27.06								
12.0	26.83	26.75								
15.0	26.44	26.36								
18.0	25.98	25.89								
21.0	25.43	25.34								
24.0	24.80	24.71								
27.0	24.11	24.01								
30.0	23.34	23.23								

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:

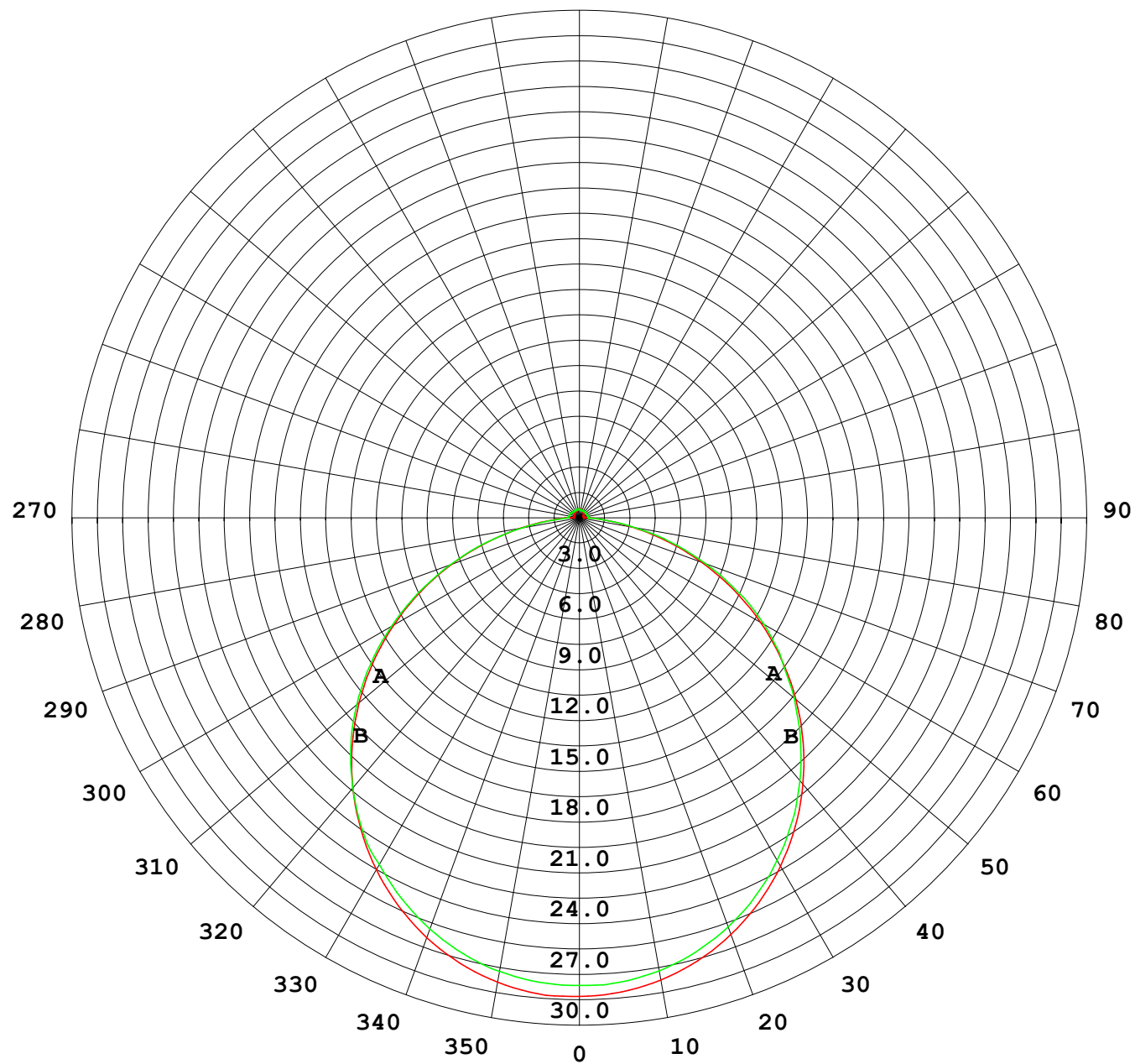
Photometric Data Table [cd]

33.0	22.49	22.37
36.0	21.59	21.48
39.0	20.62	20.50
42.0	19.58	19.48
45.0	18.50	18.40
48.0	17.36	17.26
51.0	16.19	16.09
54.0	14.96	14.86
57.0	13.74	13.60
60.0	12.58	12.29
63.0	11.29	10.98
66.0	9.926	9.618
69.0	8.518	8.256
72.0	7.086	6.880
75.0	5.679	5.512
78.0	4.292	4.170
81.0	2.986	2.953
84.0	1.815	1.868
87.0	0.9479	1.063
90.0	0.4920	0.5690
93.0	0.4272	0.3371
96.0	0.4272	0.2865
99.0	0.4272	0.2805
102.0	0.4272	0.2788
105.0	0.4272	0.2793
108.0	0.4272	0.2798
111.0	0.4272	0.2803
114.0	0.4272	0.2808
117.0	0.4272	0.2822
120.0	0.4272	0.2850
123.0	0.4272	0.2869
126.0	0.4273	0.2889
129.0	0.4333	0.2908
132.0	0.4385	0.3015
135.0	0.4438	0.3166
138.0	0.4503	0.3317
141.0	0.4586	0.3439
144.0	0.4655	0.3504
147.0	0.4724	0.3569
150.0	0.4725	0.3699
153.0	0.4775	0.3820
156.0	0.4825	0.4020
159.0	0.4875	0.4216
162.0	0.4975	0.4350
165.0	0.5076	0.4485
168.0	0.5226	0.4573
171.0	0.5227	0.4634
174.0	0.5338	0.4724
177.0	0.5428	0.5074
180.0	0.5428	0.5126

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

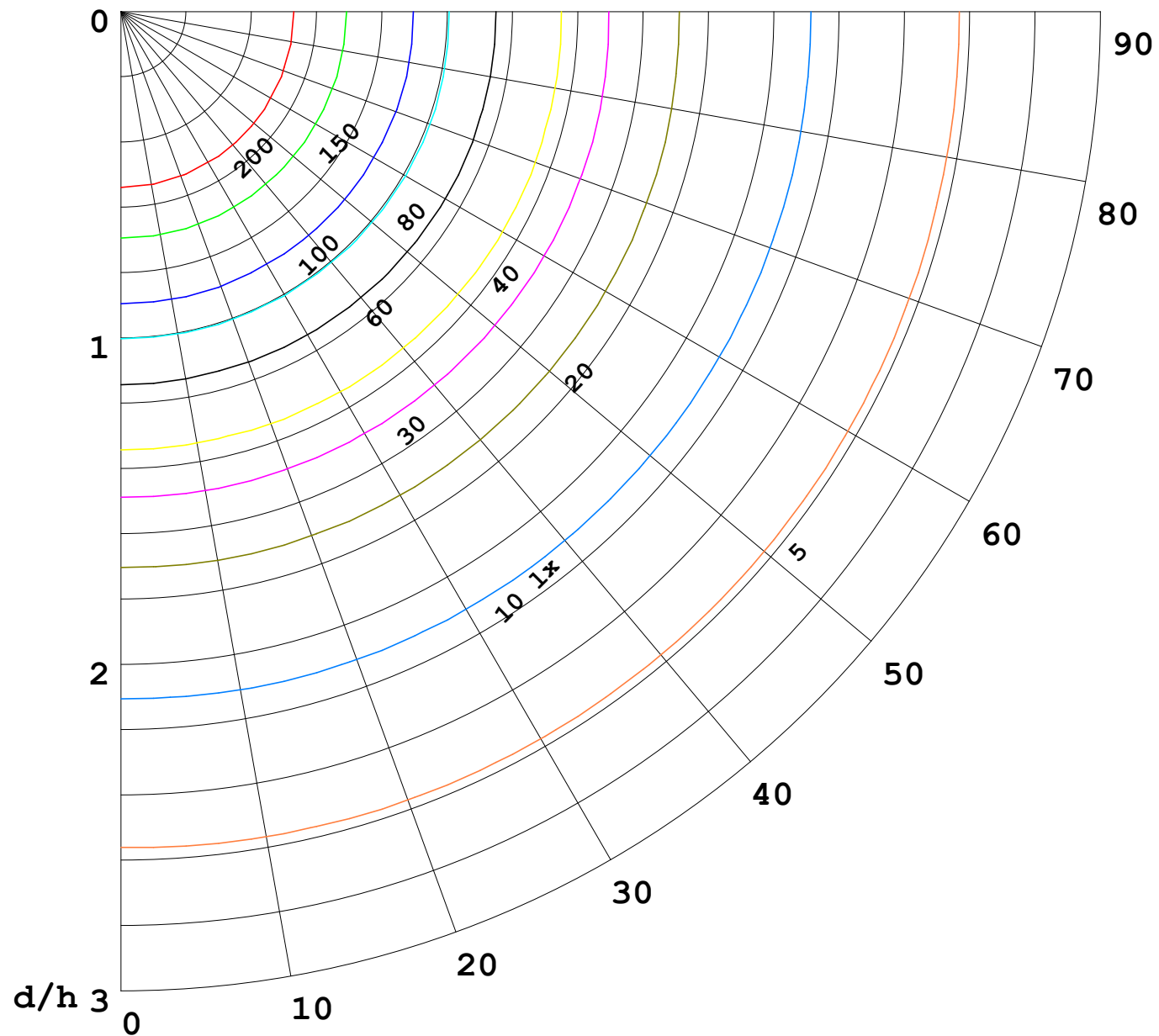
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

