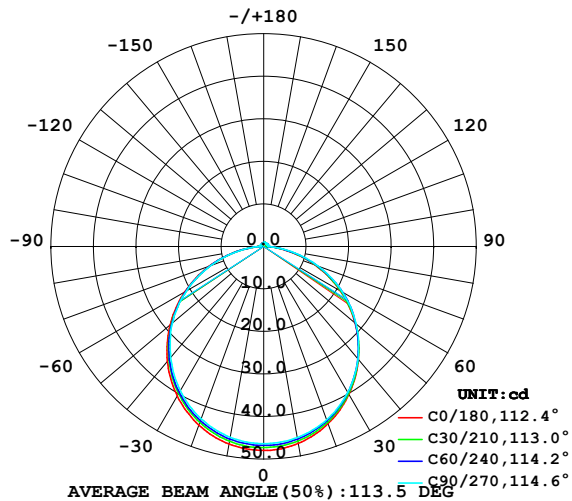


## LUMINAIRE PHOTOMETRIC TEST REPORT

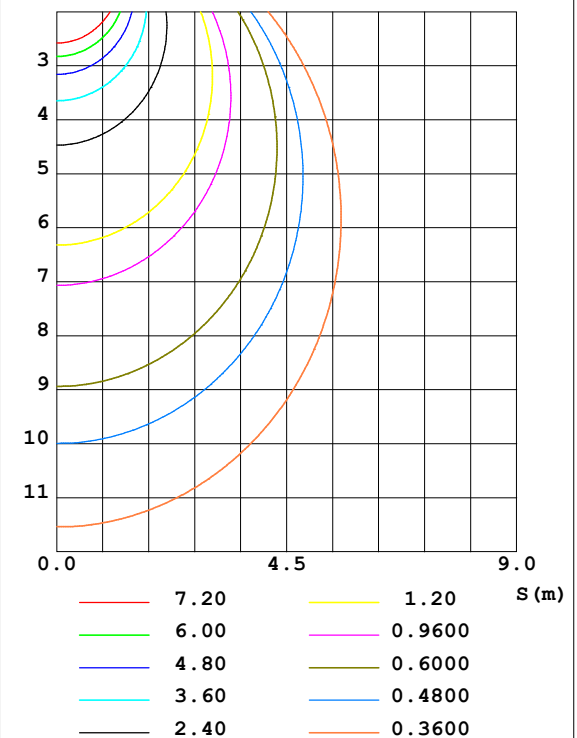
Test:U:24.00V I:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 15.55 lm/W			
MODEL	2835	I <sub>max</sub> (cd)	47.93	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)	140.07	η UP, DN (C0-180)	1.9, 48.4
NOMINAL FLUX (lm)	140.038	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.2
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)



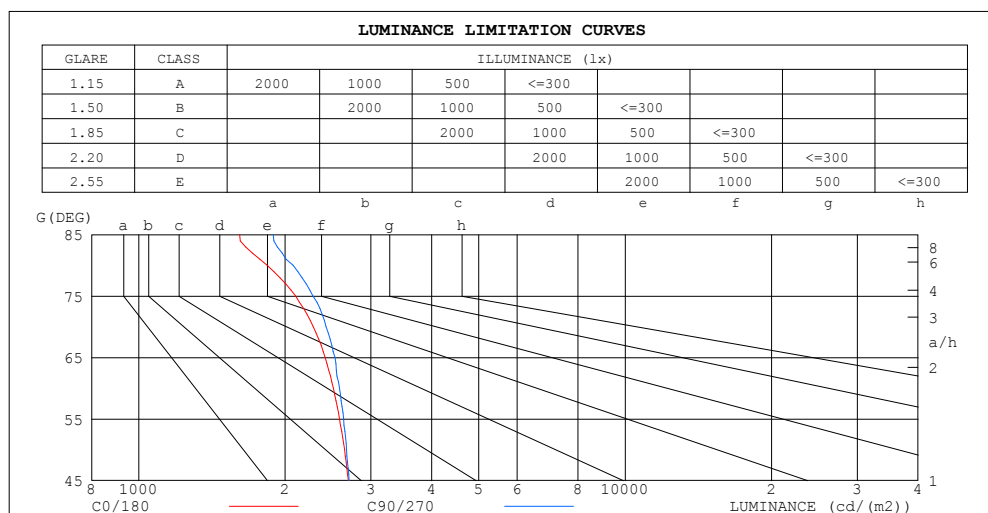
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-24

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	47.00	46.20	45.60	45.08	47.14	46.23	45.53	44.94	0- 10	4.416	4.416	3.15,3.15
20	44.32	43.77	43.34	42.77	44.66	43.78	43.09	42.46	10- 20	12.65	17.07	12.2,12.2
30	40.15	39.82	39.58	38.99	40.62	39.85	39.22	38.53	20- 30	19.19	36.25	25.9,25.9
40	34.64	34.53	34.52	33.94	35.23	34.60	34.04	33.34	30- 40	23.16	59.42	42.4,42.4
50	28.09	28.21	28.37	27.74	28.75	28.26	28.05	27.19	40- 50	24.10	83.52	59.6,59.6
60	20.74	21.18	21.34	20.74	21.46	21.09	20.97	20.33	50- 60	21.95	105.5	75.3,75.3
70	12.89	13.32	13.69	13.16	13.62	13.41	13.33	12.75	60- 70	16.94	122.4	87.4,87.4
80	5.264	5.554	5.949	5.617	5.842	5.771	5.674	5.306	70- 80	9.872	132.3	94.4,94.5
90	0.8213	1.000	1.166	1.025	0.8775	0.9401	0.9857	0.8044	80- 90	3.015	135.3	96.6,96.6
100	0.5194	0.8143	1.031	0.7803	0.4045	0.6917	0.9048	0.5699	90-100	0.8364	136.1	97.2,97.2
110	0.5527	0.8242	1.0000	0.7710	0.4122	0.6651	0.8695	0.5752	100-110	0.7502	136.9	97.7,97.7
120	0.6331	0.8354	0.9348	0.7790	0.4977	0.6650	0.8243	0.5859	110-120	0.7080	137.6	98.2,98.3
130	0.6936	0.8469	0.9048	0.7982	0.5932	0.6909	0.7991	0.6206	120-130	0.6559	138.3	98.7,98.7
140	0.7788	0.8619	0.9069	0.8172	0.6987	0.7190	0.7991	0.6676	130-140	0.5865	138.8	99.1,99.1
150	0.8456	0.8860	0.9089	0.8468	0.7942	0.7864	0.7991	0.7429	140-150	0.5008	139.3	99.5,99.5
160	0.8795	0.9172	0.9298	0.8800	0.8896	0.8568	0.8091	0.8192	150-160	0.3900	139.7	99.8,99.8
170	0.9200	0.9412	0.9357	0.9096	0.9371	0.9122	0.8644	0.8835	160-170	0.2526	140.0	99.9,100
180	0.9398	0.9499	0.9348	0.9373	0.9499	0.9549	0.9298	0.9247	170-180	0.0883	140.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1612	1891
80	1837	2076
75	2102	2282
70	2284	2426
65	2417	2531
60	2514	2587
55	2588	2639
50	2648	2675
45	2698	2706

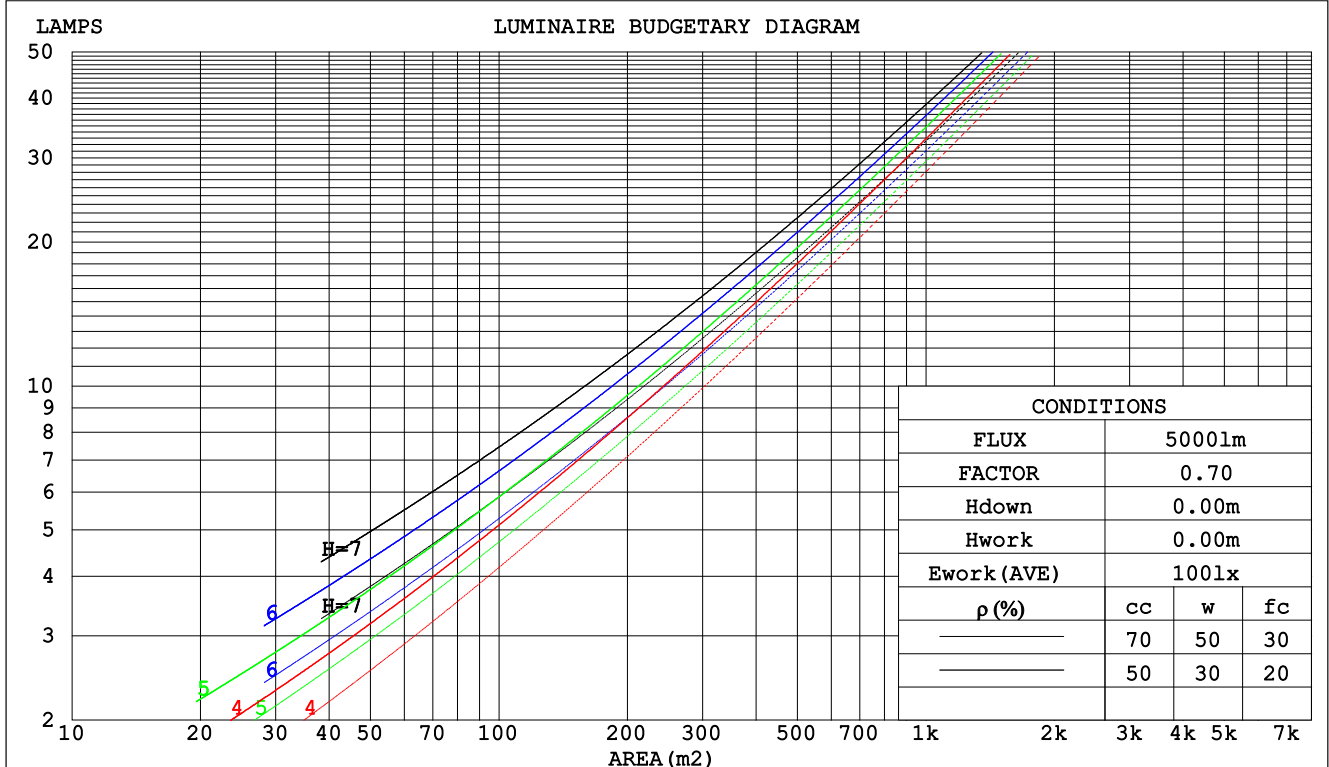
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
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			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	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:HXJ  
 Test Date:2022-03-24

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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm					
NAME: SF16-24V-2835-120-R			TYPE: 硅胶		WEIGHT:
DIM.: 16.5mm*16.5mm			SPEC.:		SERIAL No.:2022032401
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	.056	.306	.174	.055	.290	.167	.053	.276	.159	.051	.263	.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	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.199	.106	.032		
6.0	.214	.107	.031	.209	.106	.030	.200	.103	.030	.192	.100	.029	.185	.097	.029		
7.0	.199	.098	.028	.195	.097	.028	.187	.094	.027	.180	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.090	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.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	.046	.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:2022-03-24

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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm											
NAME: SF16-24V-2835-120-R					TYPE:硅胶			WEIGHT:			
DIM.: 16.5mm*16.5mm					SPEC.:			SERIAL No.:2022032401			
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	16.0	17.5	16.3	17.8	18.0	16.1	17.6	16.4	17.9	18.1	
	3H	17.5	18.9	17.9	19.2	19.5	17.7	19.1	18.1	19.4	19.7
	4H	18.1	19.4	18.5	19.7	20.1	18.4	19.7	18.7	20.0	20.3
	6H	18.5	19.7	18.9	20.1	20.4	18.8	20.0	19.2	20.4	20.7
	8H	18.6	19.8	19.0	20.2	20.5	19.0	20.1	19.4	20.5	20.8
	12H	18.7	19.8	19.1	20.2	20.6	19.1	20.2	19.5	20.5	20.9
4H	2H	16.6	17.9	17.0	18.3	18.6	16.7	18.0	17.1	18.3	18.7
	3H	18.3	19.5	18.7	19.8	20.2	18.5	19.6	18.9	20.0	20.4
	4H	19.0	20.1	19.5	20.5	20.9	19.3	20.3	19.7	20.7	21.1
	6H	19.6	20.5	20.0	20.9	21.3	19.8	20.8	20.3	21.2	21.6
	8H	19.7	20.6	20.2	21.0	21.5	20.0	20.9	20.5	21.3	21.8
	12H	19.8	20.6	20.3	21.1	21.5	20.2	21.0	20.7	21.4	21.9
8H	4H	19.3	20.2	19.8	20.6	21.1	19.5	20.4	20.0	20.8	21.2
	6H	20.0	20.7	20.5	21.2	21.7	20.2	20.9	20.7	21.4	21.9
	8H	20.2	20.9	20.7	21.3	21.9	20.5	21.1	21.0	21.6	22.2
	12H	20.4	20.9	20.9	21.5	22.0	20.7	21.3	21.3	21.8	22.3
12H	4H	19.3	20.1	19.8	20.6	21.0	19.5	20.3	20.0	20.7	21.2
	6H	20.0	20.7	20.5	21.1	21.7	20.3	20.9	20.8	21.4	21.9
	8H	20.3	20.9	20.8	21.4	21.9	20.6	21.1	21.1	21.6	22.2
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 140.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -6.8)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-24

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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

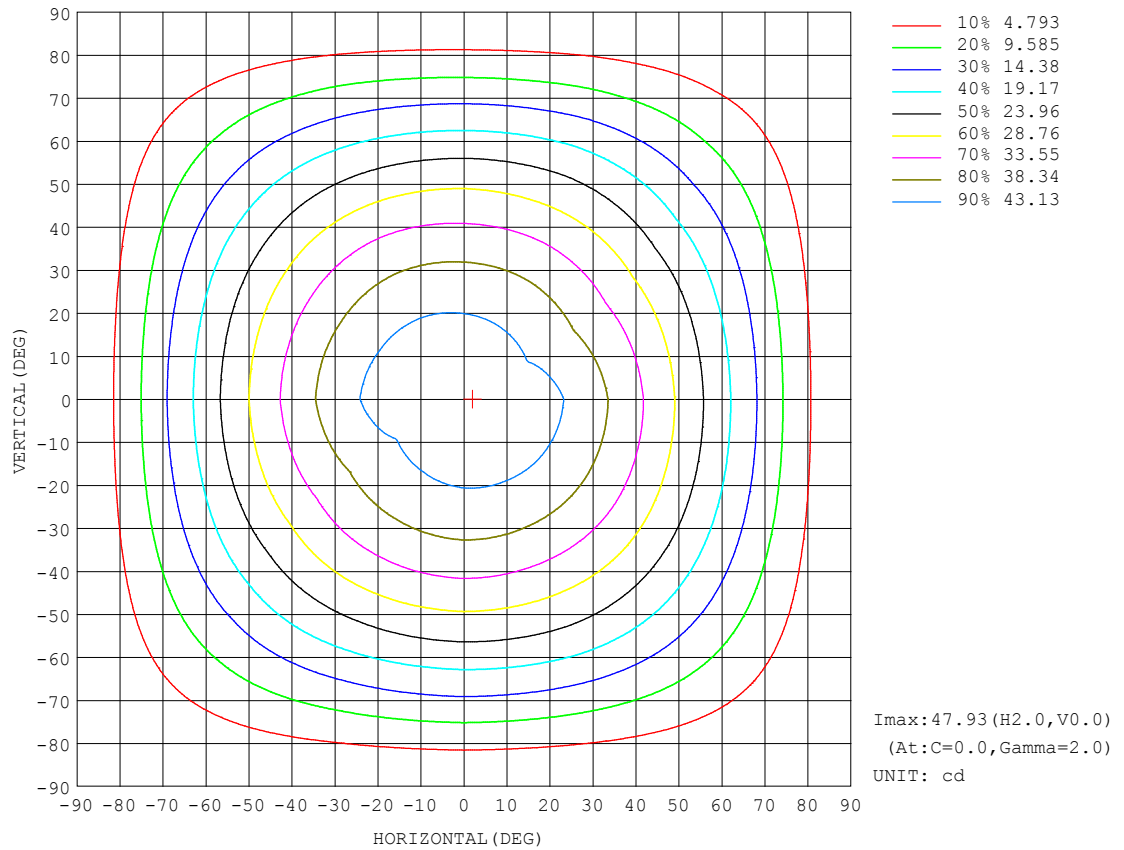
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	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	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	107	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: 2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

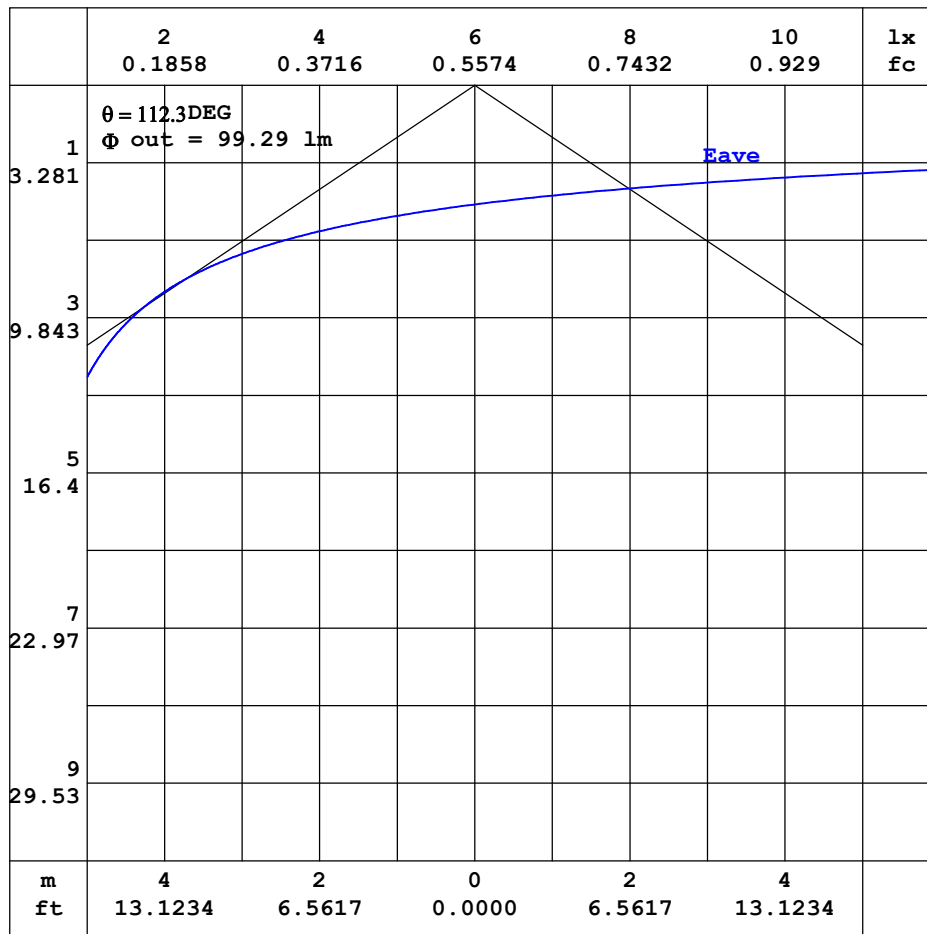


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: HXJ  
Test Date: 2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
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.

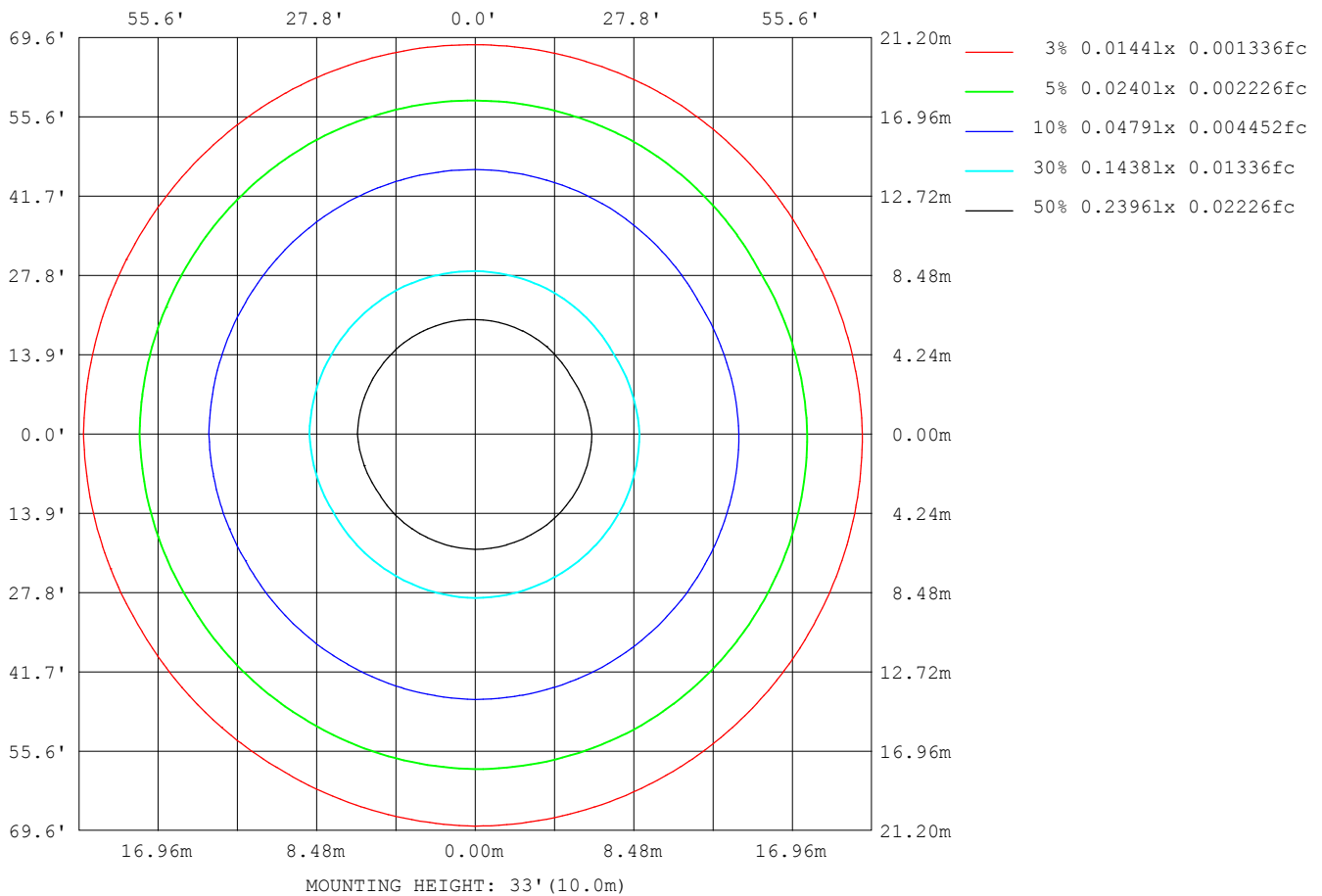
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HXJ  
 Test Date: 2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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

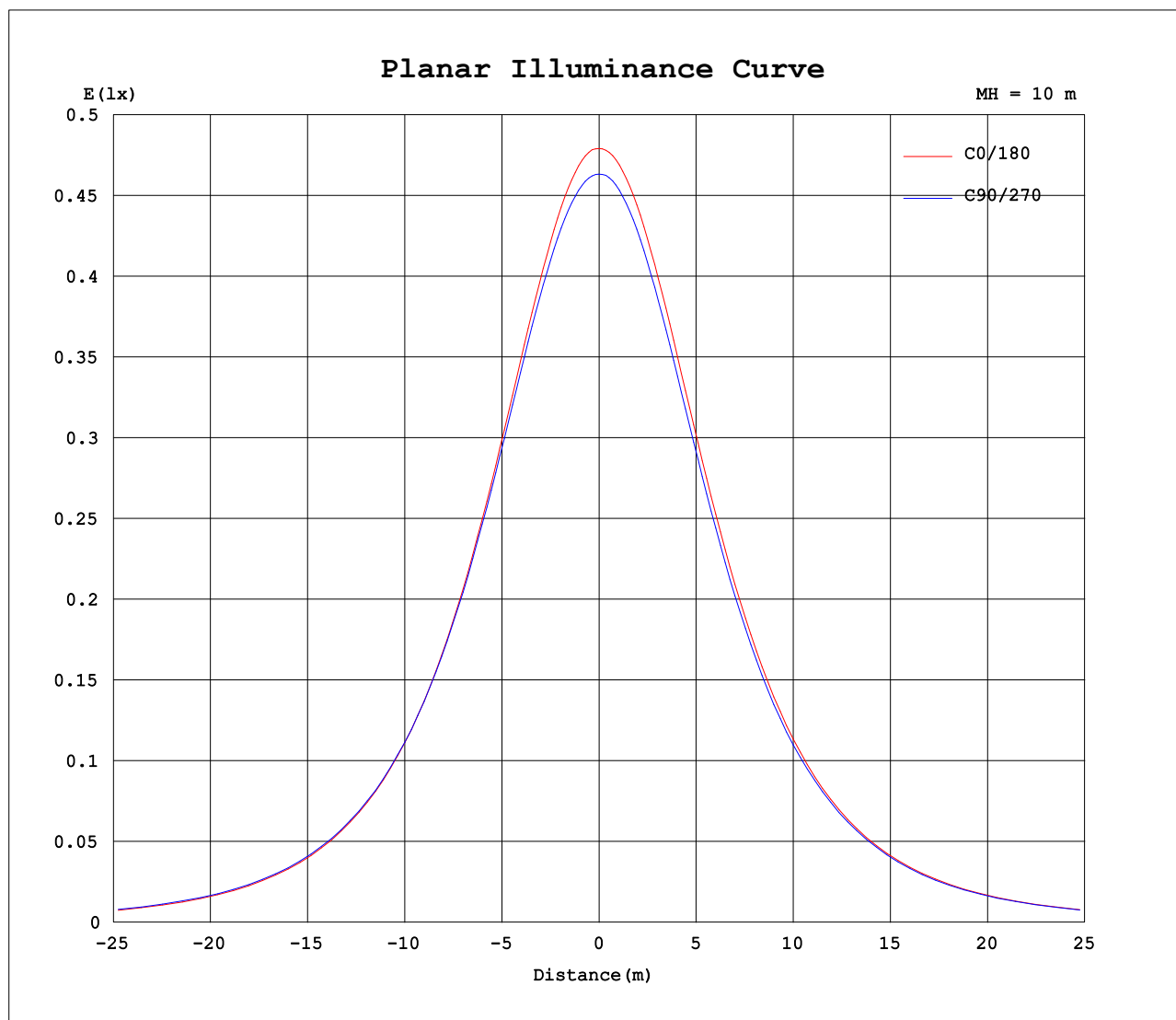
Test:U:24.00V I:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2022-03-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.3753A P:9.007W PF:1.000 Lamp Flux:140.038x1 lm		
NAME: SF16-24V-2835-120-R	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032401
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	47.9	47.3	46.8	46.3	46.0	45.6	47.9	47.3	46.8	46.3	46.0	45.6						
5	47.7	47.1	46.6	46.2	45.8	45.5	47.8	47.1	46.6	46.2	45.7	45.4						
10	47.0	46.4	46.0	45.6	45.3	44.9	47.1	46.5	46.0	45.5	45.1	44.8						
15	45.9	45.4	45.0	44.7	44.3	43.9	46.1	45.4	45.0	44.5	44.1	43.7						
20	44.3	44.0	43.6	43.3	42.9	42.6	44.7	44.0	43.6	43.1	42.7	42.2						
25	42.4	42.1	41.8	41.6	41.2	40.9	42.8	42.2	41.8	41.3	40.9	40.4						
30	40.1	40.0	39.7	39.6	39.1	38.8	40.6	40.0	39.7	39.2	38.8	38.2						
35	37.5	37.4	37.2	37.2	36.8	36.5	38.1	37.5	37.3	36.8	36.4	35.8						
40	34.6	34.6	34.4	34.5	34.1	33.8	35.2	34.7	34.5	34.0	33.7	33.0						
45	31.5	31.5	31.4	31.6	31.1	30.8	32.1	31.6	31.5	31.1	30.7	30.1						
50	28.1	28.2	28.2	28.4	27.9	27.6	28.7	28.3	28.2	28.0	27.5	26.9						
55	24.5	24.7	25.0	25.0	24.4	24.2	25.2	24.8	24.8	24.7	24.3	23.4						
60	20.7	21.0	21.4	21.3	20.8	20.7	21.5	21.1	21.1	21.0	20.8	19.9						
65	16.9	17.1	17.5	17.6	17.0	17.0	17.6	17.3	17.3	17.2	17.0	16.2						
70	12.9	13.2	13.5	13.7	13.2	13.1	13.6	13.4	13.5	13.3	13.1	12.4						
75	8.97	9.22	9.48	9.74	9.33	9.31	9.65	9.47	9.62	9.41	9.22	8.65						
80	5.26	5.45	5.66	5.95	5.60	5.64	5.84	5.74	5.81	5.67	5.52	5.10						
85	2.32	2.38	2.56	2.72	2.49	2.59	2.65	2.61	2.56	2.46	2.47	2.19						
90	0.82	0.83	1.17	1.17	1.05	1.00	0.88	0.98	0.90	0.99	0.90	0.71						
95	0.52	0.68	1.02	1.08	0.92	0.67	0.41	0.62	0.86	0.95	0.75	0.42						
100	0.52	0.63	1.00	1.03	0.90	0.66	0.40	0.57	0.81	0.90	0.72	0.42						
105	0.53	0.65	0.97	1.02	0.89	0.66	0.40	0.56	0.78	0.90	0.71	0.43						
110	0.55	0.68	0.97	1.00	0.89	0.65	0.41	0.56	0.77	0.87	0.71	0.44						
115	0.59	0.69	0.97	0.96	0.87	0.67	0.45	0.55	0.78	0.85	0.71	0.46						
120	0.63	0.72	0.96	0.93	0.87	0.69	0.50	0.55	0.78	0.82	0.71	0.47						
125	0.69	0.75	0.94	0.92	0.86	0.70	0.55	0.59	0.78	0.80	0.71	0.50						
130	0.69	0.77	0.92	0.90	0.86	0.74	0.59	0.60	0.78	0.80	0.71	0.53						
135	0.74	0.79	0.91	0.91	0.85	0.76	0.65	0.62	0.78	0.80	0.72	0.58						
140	0.78	0.82	0.90	0.91	0.84	0.79	0.70	0.65	0.79	0.80	0.73	0.61						
145	0.80	0.85	0.90	0.91	0.84	0.81	0.75	0.69	0.80	0.80	0.75	0.67						
150	0.85	0.87	0.90	0.91	0.84	0.85	0.79	0.76	0.81	0.80	0.78	0.70						
155	0.85	0.90	0.90	0.92	0.84	0.88	0.84	0.78	0.84	0.80	0.81	0.76						
160	0.88	0.93	0.90	0.93	0.85	0.91	0.89	0.84	0.87	0.81	0.85	0.78						
165	0.91	0.95	0.91	0.93	0.87	0.92	0.92	0.85	0.91	0.84	0.88	0.81						
170	0.92	0.96	0.92	0.94	0.89	0.92	0.94	0.88	0.94	0.86	0.91	0.85						
175	0.93	0.96	0.93	0.94	0.92	0.93	0.95	0.93	0.96	0.91	0.94	0.87						
180	0.94	0.96	0.93	0.93	0.94	0.93	0.95	0.95	0.96	0.93	0.94	0.91						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:HXJ  
Test Date:2022-03-24

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	47.92	47.27	46.76	46.33	45.95	45.62	47.92	47.27	46.76	46.33
3.0	47.88	47.20	46.72	46.27	45.94	45.57	47.86	47.26	46.69	46.30
6.0	47.61	46.96	46.50	46.08	45.74	45.39	47.67	47.02	46.48	46.07
9.0	47.18	46.59	46.13	45.74	45.39	45.05	47.30	46.65	46.12	45.70
12.0	46.60	46.07	45.62	45.27	44.91	44.58	46.78	46.11	45.62	45.18
15.0	45.86	45.41	44.97	44.66	44.28	43.94	46.10	45.43	44.98	44.51
18.0	44.98	44.58	44.17	43.94	43.53	43.17	45.27	44.63	44.18	43.71
21.0	43.96	43.64	43.24	43.02	42.62	42.30	44.31	43.66	43.25	42.77
24.0	42.81	42.53	42.18	42.04	41.59	41.28	43.21	42.56	42.20	41.71
27.0	41.55	41.29	40.99	40.87	40.44	40.11	41.97	41.35	41.00	40.53
30.0	40.15	39.97	39.67	39.58	39.15	38.83	40.62	39.99	39.70	39.22
33.0	38.61	38.47	38.23	38.21	37.74	37.46	39.13	38.52	38.27	37.78
36.0	36.99	36.89	36.69	36.70	36.25	35.96	37.54	36.95	36.73	36.25
39.0	35.24	35.22	35.02	35.03	34.62	34.33	35.82	35.25	35.08	34.60
42.0	33.39	33.43	33.25	33.36	32.89	32.66	34.01	33.47	33.33	32.86
45.0	31.48	31.54	31.42	31.57	31.09	30.82	32.11	31.61	31.48	31.10
48.0	29.47	29.59	29.52	29.68	29.18	28.95	30.12	29.65	29.56	29.36
51.0	27.37	27.51	27.54	27.72	27.20	26.99	28.05	27.60	27.56	27.37
54.0	25.21	25.39	25.68	25.63	25.12	24.89	25.92	25.51	25.47	25.36
57.0	23.00	23.21	23.59	23.54	22.99	22.82	23.72	23.33	23.33	23.23
60.0	20.74	20.96	21.41	21.34	20.81	20.66	21.46	21.06	21.12	20.97
63.0	18.41	18.64	19.08	19.08	18.55	18.39	19.14	18.84	18.85	18.75
66.0	16.07	16.32	16.70	16.85	16.26	16.21	16.80	16.52	16.56	16.48
69.0	13.69	13.92	14.30	14.50	13.95	13.87	14.40	14.16	14.23	14.12
72.0	11.32	11.56	11.88	12.16	11.65	11.56	12.00	11.83	11.91	11.77
75.0	8.975	9.216	9.478	9.744	9.332	9.307	9.646	9.466	9.621	9.405
78.0	6.693	6.895	7.125	7.432	7.035	7.050	7.330	7.168	7.304	7.048
81.0	4.581	4.744	4.958	5.181	4.902	4.950	5.138	5.046	5.103	4.956
84.0	2.791	2.895	3.083	3.272	3.018	3.091	3.195	3.152	3.129	3.006
87.0	1.562	1.566	1.738	1.807	1.648	1.762	1.761	1.748	1.625	1.567
90.0	0.8213	0.8332	1.167	1.166	1.052	0.9988	0.8775	0.9767	0.9035	0.9857
93.0	0.5432	0.7257	1.051	1.125	0.9350	0.6934	0.4568	0.6538	0.8756	0.9600
96.0	0.5217	0.6632	1.015	1.080	0.9098	0.6670	0.4095	0.6082	0.8477	0.9449
99.0	0.5200	0.6233	1.000	1.033	0.8996	0.6633	0.4057	0.5831	0.8198	0.9198
102.0	0.5183	0.6383	0.9852	1.026	0.8966	0.6595	0.4020	0.5579	0.7918	0.9014
105.0	0.5269	0.6484	0.9750	1.019	0.8936	0.6558	0.3983	0.5571	0.7780	0.8963
108.0	0.5427	0.6664	0.9734	1.012	0.8906	0.6484	0.4021	0.5564	0.7737	0.8845
111.0	0.5628	0.6785	0.9683	0.9800	0.8876	0.6634	0.4172	0.5556	0.7745	0.8695
114.0	0.5846	0.6886	0.9670	0.9600	0.8845	0.6664	0.4473	0.5549	0.7752	0.8494
117.0	0.6022	0.7067	0.9657	0.9499	0.8745	0.6784	0.4776	0.5541	0.7759	0.8343
120.0	0.6331	0.7158	0.9550	0.9348	0.8695	0.6886	0.4977	0.5534	0.7767	0.8243
123.0	0.6832	0.7338	0.9548	0.9235	0.8644	0.6976	0.5278	0.5678	0.7774	0.8142
126.0	0.6935	0.7519	0.9398	0.9122	0.8584	0.7088	0.5529	0.5980	0.7782	0.7991
129.0	0.6935	0.7640	0.9299	0.9046	0.8593	0.7288	0.5881	0.6018	0.7787	0.7991
132.0	0.7085	0.7790	0.9198	0.9052	0.8544	0.7389	0.6133	0.6056	0.7789	0.7991
135.0	0.7386	0.7941	0.9097	0.9059	0.8494	0.7590	0.6484	0.6181	0.7790	0.7991
138.0	0.7688	0.8042	0.9066	0.9065	0.8394	0.7741	0.6736	0.6432	0.7855	0.7991
141.0	0.7838	0.8192	0.9029	0.9071	0.8408	0.7991	0.7087	0.6682	0.7919	0.7991
144.0	0.7941	0.8394	0.8979	0.9077	0.8423	0.8092	0.7339	0.6784	0.7981	0.7991
147.0	0.8140	0.8594	0.8953	0.9083	0.8438	0.8293	0.7691	0.7086	0.8042	0.7991
150.0	0.8456	0.8745	0.8975	0.9089	0.8393	0.8544	0.7942	0.7587	0.8142	0.7991
153.0	0.8500	0.8946	0.8996	0.9095	0.8426	0.8695	0.8243	0.7708	0.8243	0.7991
156.0	0.8544	0.9097	0.9017	0.9187	0.8460	0.8846	0.8495	0.7840	0.8445	0.7991
159.0	0.8744	0.9248	0.9039	0.9248	0.8493	0.9027	0.8796	0.8091	0.8695	0.8041
162.0	0.9044	0.9349	0.9060	0.9309	0.8594	0.9109	0.8997	0.8452	0.8897	0.8234
165.0	0.9102	0.9499	0.9081	0.9327	0.8744	0.9176	0.9198	0.8543	0.9147	0.8449
168.0	0.9161	0.9605	0.9146	0.9345	0.8894	0.9219	0.9335	0.8694	0.9248	0.8594
171.0	0.9220	0.9620	0.9222	0.9363	0.9045	0.9262	0.9390	0.9095	0.9449	0.8744
174.0	0.9278	0.9635	0.9260	0.9380	0.9156	0.9305	0.9444	0.9248	0.9649	0.9044
177.0	0.9348	0.9649	0.9298	0.9398	0.9247	0.9348	0.9499	0.9348	0.9599	0.9297
180.0	0.9398	0.9649	0.9348	0.9348	0.9398	0.9348	0.9499	0.9499	0.9599	0.9298
G/C	300.0	330.0								
0.0	45.95	45.62								
3.0	45.86	45.58								
6.0	45.64	45.33								
9.0	45.27	44.93								
12.0	44.76	44.38								
15.0	44.09	43.69								
18.0	43.29	42.88								
21.0	42.38	41.88								
24.0	41.31	40.82								
27.0	40.13	39.58								
30.0	38.82	38.25								

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HXJ  
 Test Date: 2022-03-24

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:

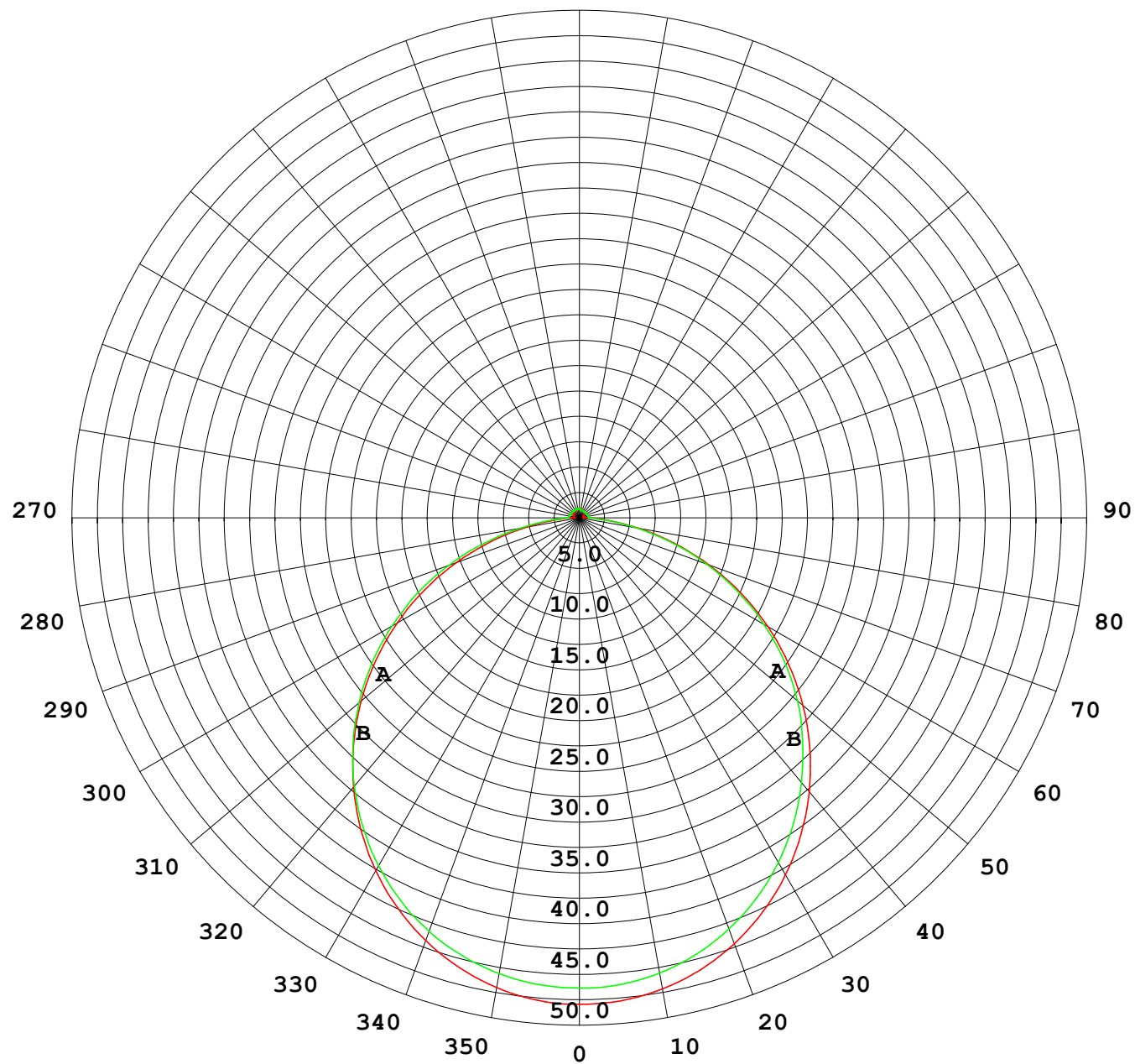
## Photometric Data Table [cd]

33.0	37.41	36.84
36.0	35.86	35.26
39.0	34.23	33.61
42.0	32.49	31.89
45.0	30.69	30.07
48.0	28.81	28.15
51.0	26.89	26.17
54.0	25.01	24.15
57.0	22.93	22.05
60.0	20.78	19.88
63.0	18.52	17.68
66.0	16.22	15.44
69.0	13.88	13.17
72.0	11.53	10.91
75.0	9.220	8.646
78.0	6.953	6.449
81.0	4.842	4.448
84.0	2.994	2.669
87.0	1.580	1.420
90.0	0.9036	0.7051
93.0	0.7689	0.4476
96.0	0.7336	0.4212
99.0	0.7174	0.4214
102.0	0.7158	0.4262
105.0	0.7141	0.4310
108.0	0.7125	0.4358
111.0	0.7108	0.4406
114.0	0.7091	0.4573
117.0	0.7075	0.4616
120.0	0.7058	0.4659
123.0	0.7054	0.4774
126.0	0.7073	0.5175
129.0	0.7105	0.5257
132.0	0.7137	0.5377
135.0	0.7188	0.5827
138.0	0.7238	0.6031
141.0	0.7289	0.6131
144.0	0.7539	0.6432
147.0	0.7640	0.6843
150.0	0.7841	0.7018
153.0	0.7941	0.7137
156.0	0.8242	0.7639
159.0	0.8494	0.7789
162.0	0.8695	0.7890
165.0	0.8830	0.8141
168.0	0.8956	0.8503
171.0	0.9198	0.8533
174.0	0.9348	0.8644
177.0	0.9398	0.8794
180.0	0.9398	0.9097

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: HXJ  
 Test Date: 2022-03-24

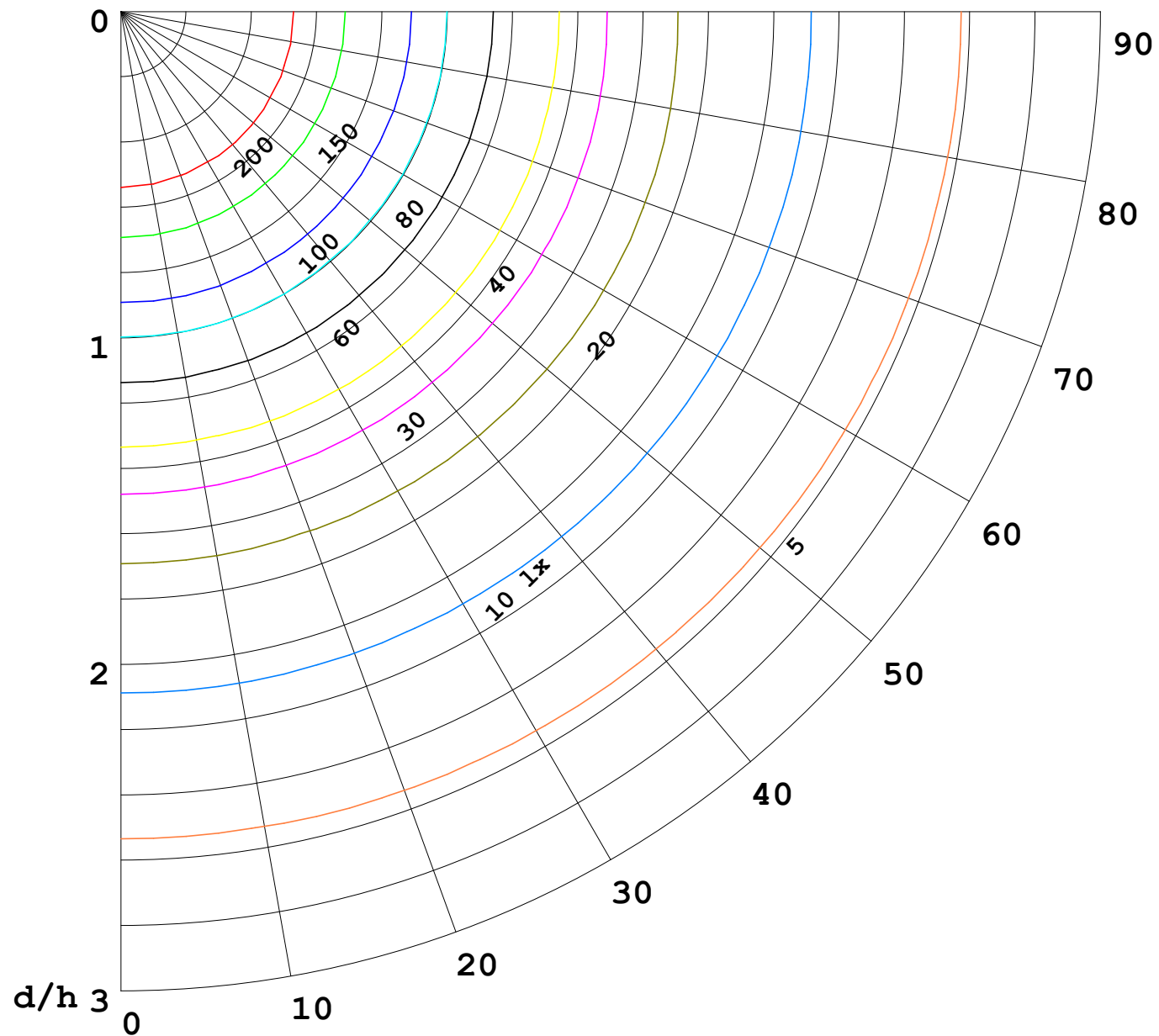
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
 Humidity: 65.0%  
 Test Distance: 9.200m [K=1.0000]  
 Remarks:

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

