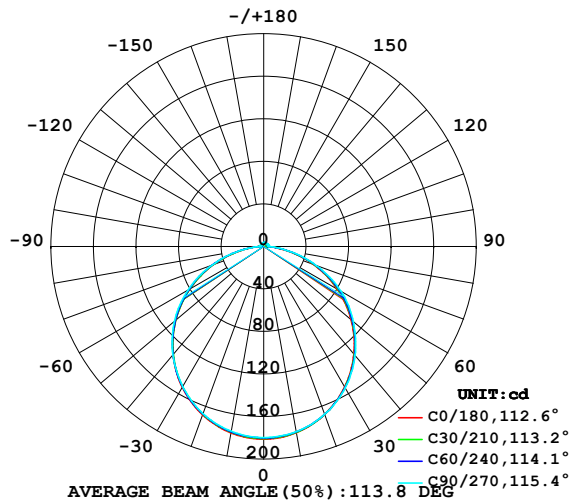


LUMINAIRE PHOTOMETRIC TEST REPORT

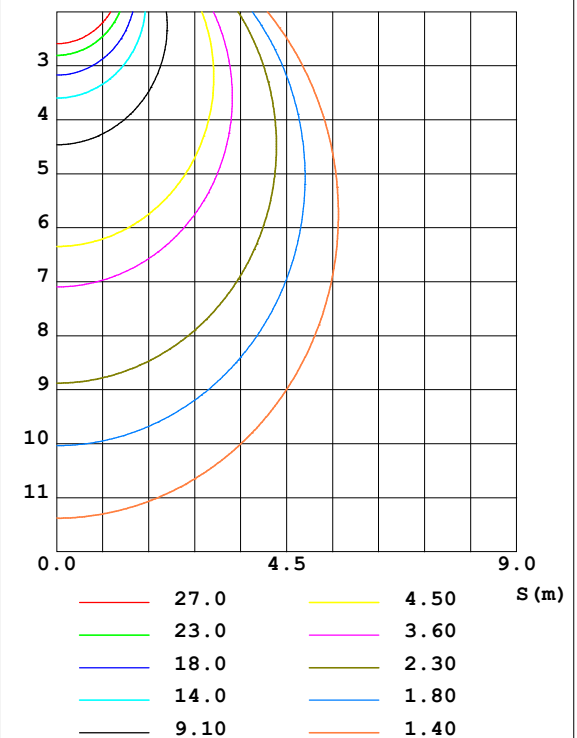
Test:U:24.00V I:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 33.95 lm/W			
MODEL	2835	I _{max} (cd)	181.2	S/MH (C0/180)	1.25
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	541.72	η UP, DN (C0-180)	2.0, 48.3
NOMINAL FLUX (lm)	541.705	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.6, 48.1
LAMPS INSIDE	1	η up (%)	3.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24.0	η down (%)	96.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



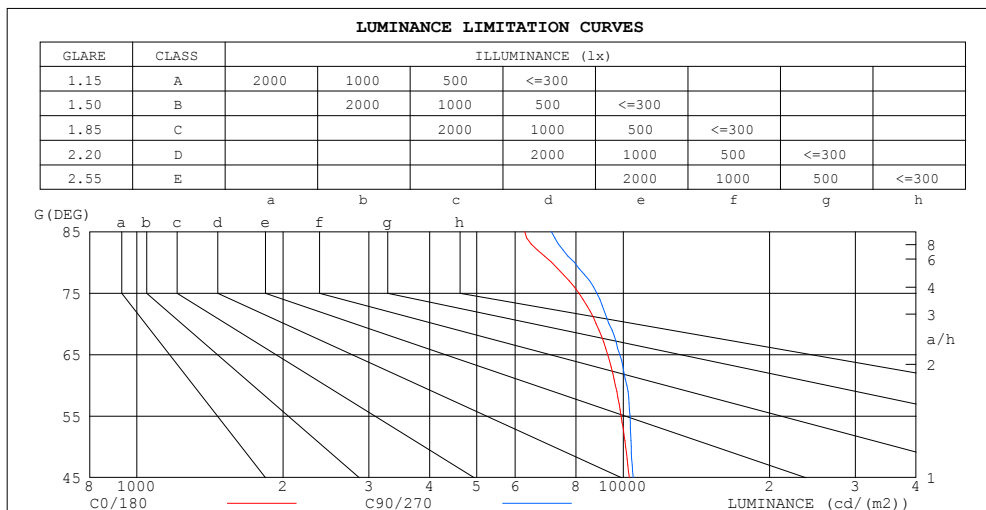
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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	177.8	177.2	176.8	176.1	178.0	177.2	176.5	175.9	0- 10	17.03	17.03	3.14,3.14
20	168.0	168.0	167.9	167.0	168.4	167.8	167.2	166.4	10- 20	48.80	65.82	12.2,12.2
30	152.4	153.0	153.4	152.2	153.1	152.6	152.2	151.3	20- 30	74.03	139.9	25.8,25.8
40	132.0	133.0	133.7	132.3	132.7	132.5	133.0	131.3	30- 40	89.46	229.3	42.3,42.3
50	107.3	108.7	110.2	108.2	108.1	108.3	109.7	107.7	40- 50	93.24	322.6	59.5,59.5
60	79.52	81.43	83.94	80.73	80.41	80.72	82.20	80.32	50- 60	85.00	407.6	75.2,75.2
70	49.66	51.31	52.79	50.97	50.51	51.30	51.97	50.49	60- 70	65.52	473.1	87.3,87.3
80	20.41	21.55	22.75	21.44	21.14	21.52	22.09	21.02	70- 80	38.00	511.1	94.3,94.3
90	3.199	4.006	4.719	4.011	3.209	3.592	3.968	3.255	80- 90	11.54	522.6	96.5,96.5
100	2.034	3.369	4.533	3.190	1.518	2.660	3.553	2.301	90-100	3.330	526.0	97.1,97.1
110	2.286	3.413	4.221	3.210	1.614	2.617	3.387	2.309	100-110	3.044	529.0	97.7,97.7
120	2.563	3.433	3.975	3.252	1.925	2.619	3.237	2.413	110-120	2.882	531.9	98.2,98.2
130	2.814	3.420	3.799	3.267	2.272	2.687	3.106	2.525	120-130	2.647	534.5	98.7,98.7
140	3.080	3.420	3.654	3.304	2.639	2.819	3.057	2.719	130-140	2.342	536.9	99.1,99.1
150	3.277	3.468	3.607	3.377	2.991	3.046	3.101	2.975	140-150	1.975	538.8	99.5,99.5
160	3.503	3.548	3.652	3.533	3.322	3.322	3.297	3.264	150-160	1.536	540.4	99.8,99.8
170	3.659	3.659	3.709	3.649	3.609	3.566	3.533	3.523	160-170	0.9945	541.4	99.9,99.9
180	3.699	3.719	3.744	3.679	3.709	3.722	3.689	3.681	170-180	0.3482	541.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6279	7121
80	7123	7941
75	8104	8827
70	8800	9354
65	9286	9839
60	9639	10175
55	9902	10326
50	10120	10389
45	10295	10483

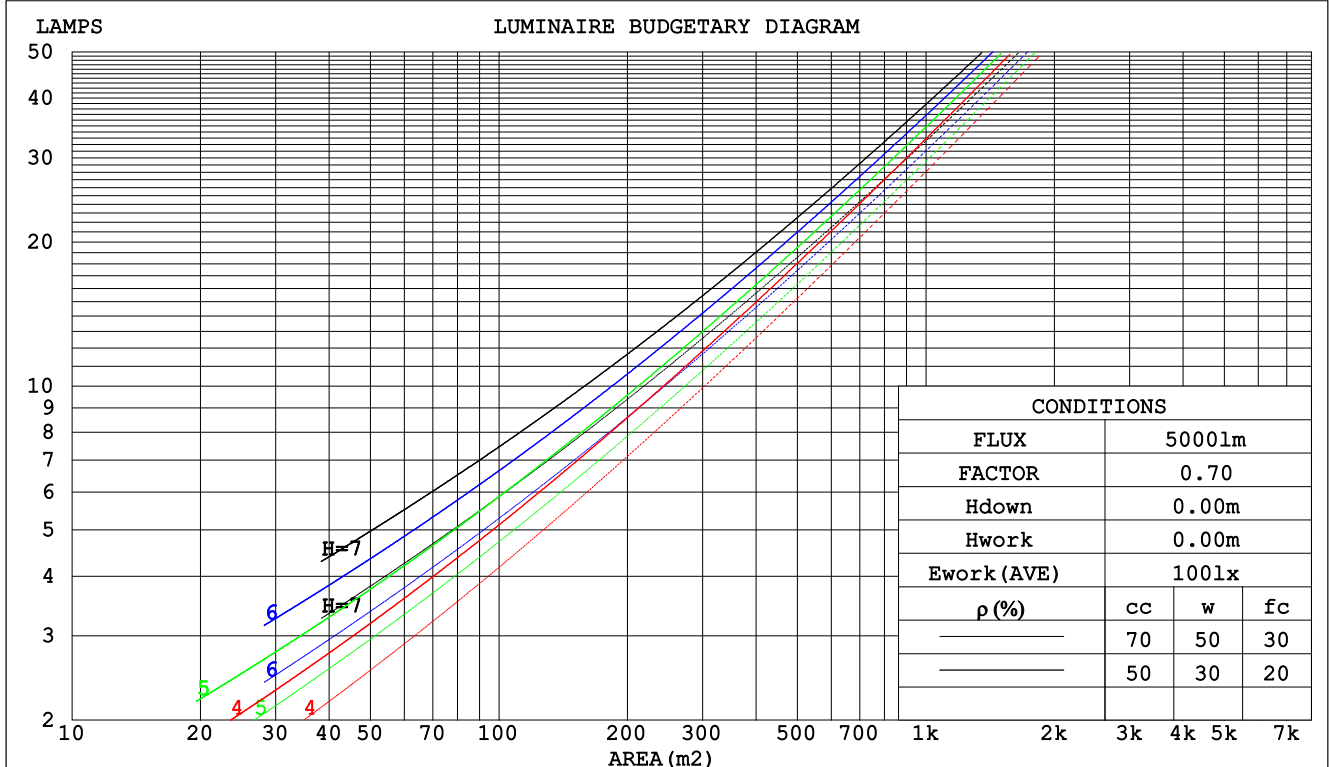
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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	.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	.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	.54	.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	.40	.35	.30	.28
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.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:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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	.276	.159	.051	.263	.152	.049		
2.0	.293	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.248	.141	.044		
3.0	.271	.144	.043	.264	.142	.043	.252	.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	.230	.117	.034	.225	.116	.034	.216	.112	.033	.207	.109	.032	.198	.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	.179	.092	.027	.173	.090	.026		
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024		
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.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	.217	.217	.217	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.183	.161	.178	.157	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.159	.125	.171	.137	.108	.117	.095	.075	.068	.055	.044	.022	.018	.014	
3.0	.192	.142	.102	.165	.122	.088	.113	.085	.062	.065	.050	.036	.021	.016	.012	
4.0	.184	.129	.086	.158	.111	.075	.109	.077	.052	.063	.045	.031	.020	.015	.010	
5.0	.177	.118	.075	.152	.102	.065	.105	.071	.046	.061	.042	.027	.020	.014	.009	
6.0	.170	.110	.067	.146	.095	.058	.101	.067	.041	.058	.039	.024	.019	.013	.008	
7.0	.163	.103	.061	.140	.089	.053	.097	.063	.038	.056	.037	.022	.018	.012	.007	
8.0	.157	.097	.057	.135	.084	.049	.093	.059	.035	.054	.035	.021	.018	.011	.007	
9.0	.151	.092	.053	.130	.080	.046	.090	.056	.033	.052	.033	.020	.017	.011	.006	
10.0	.145	.088	.050	.125	.077	.044	.087	.054	.031	.051	.032	.019	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:HXJ
 Test Date:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm											
NAME: SF16-24V-2835-120-3000+5700-80						TYPE:硅胶		WEIGHT:			
DIM.: 16.5mm*16.5mm						SPEC.:		SERIAL No.:2022032801			
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	20.7	22.1	21.0	22.4	22.7	20.8	22.3	21.2	22.6	22.9
	3H	22.2	23.6	22.5	23.8	24.2	22.4	23.8	22.8	24.1	24.4
	4H	22.8	24.1	23.1	24.4	24.7	23.0	24.3	23.4	24.7	25.0
	6H	23.2	24.4	23.6	24.7	25.1	23.5	24.7	23.9	25.1	25.4
	8H	23.3	24.5	23.7	24.8	25.2	23.6	24.8	24.0	25.2	25.5
	12H	23.4	24.5	23.8	24.9	25.2	23.7	24.9	24.1	25.2	25.6
4H	2H	21.3	22.6	21.7	22.9	23.2	21.4	22.7	21.8	23.0	23.4
	3H	23.0	24.1	23.4	24.5	24.9	23.2	24.3	23.6	24.7	25.1
	4H	23.7	24.7	24.1	25.1	25.5	23.9	25.0	24.4	25.4	25.8
	6H	24.2	25.2	24.7	25.6	26.0	24.5	25.4	25.0	25.8	26.3
	8H	24.4	25.3	24.9	25.7	26.2	24.7	25.6	25.2	26.0	26.5
	12H	24.5	25.3	25.0	25.8	26.2	24.8	25.6	25.3	26.1	26.6
8H	4H	24.0	24.8	24.5	25.3	25.7	24.2	25.0	24.6	25.5	25.9
	6H	24.7	25.4	25.2	25.8	26.3	24.9	25.6	25.4	26.1	26.6
	8H	24.9	25.5	25.4	26.0	26.6	25.2	25.8	25.7	26.3	26.8
	12H	25.1	25.6	25.6	26.2	26.7	25.4	25.9	25.9	26.4	27.0
12H	4H	24.0	24.8	24.5	25.2	25.7	24.2	25.0	24.7	25.4	25.9
	6H	24.7	25.3	25.2	25.8	26.4	24.9	25.6	25.5	26.1	26.6
	8H	25.0	25.6	25.5	26.1	26.6	25.3	25.8	25.8	26.3	26.9
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					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 541.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.1)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

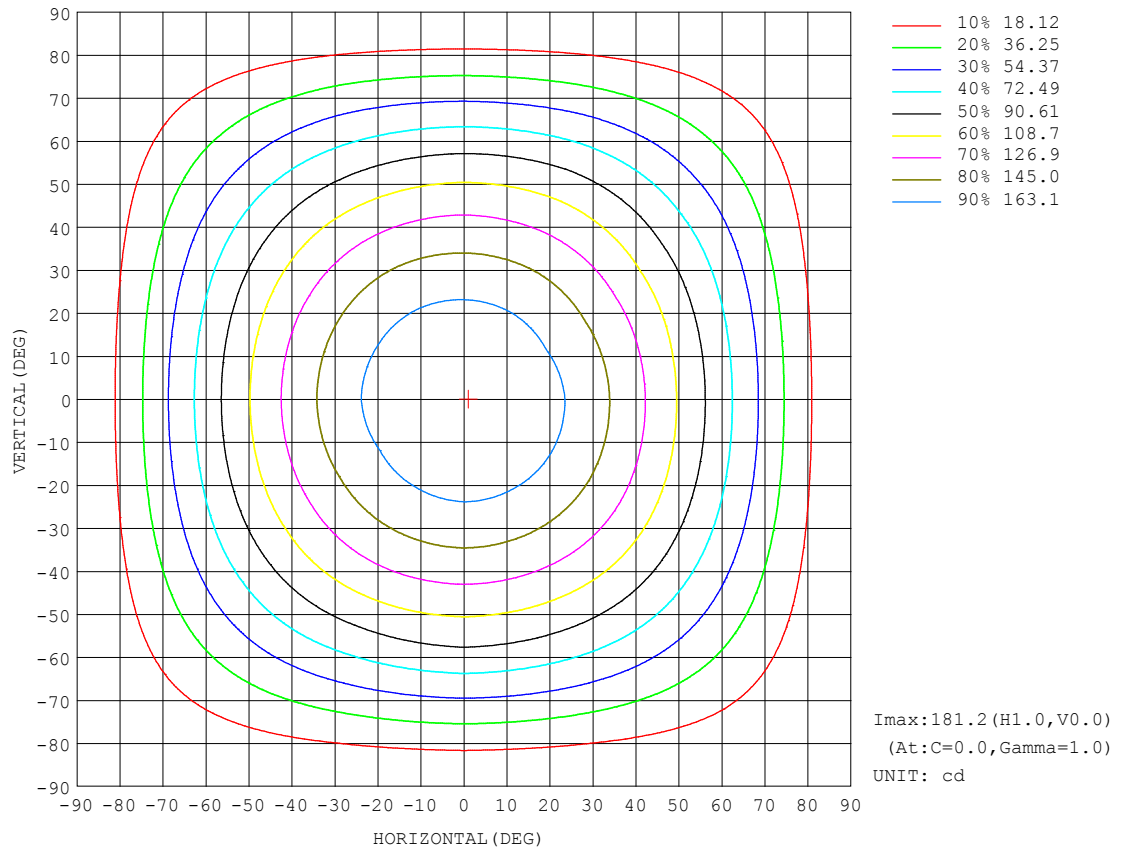
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	70	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	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:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:

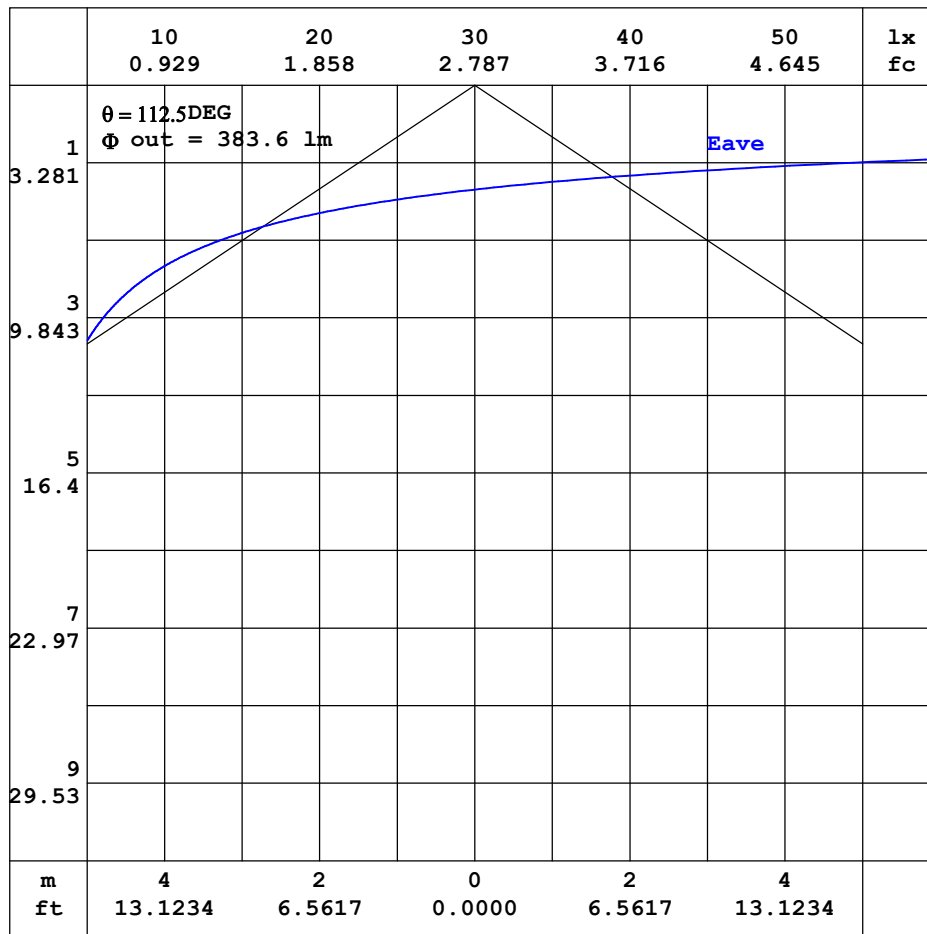


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



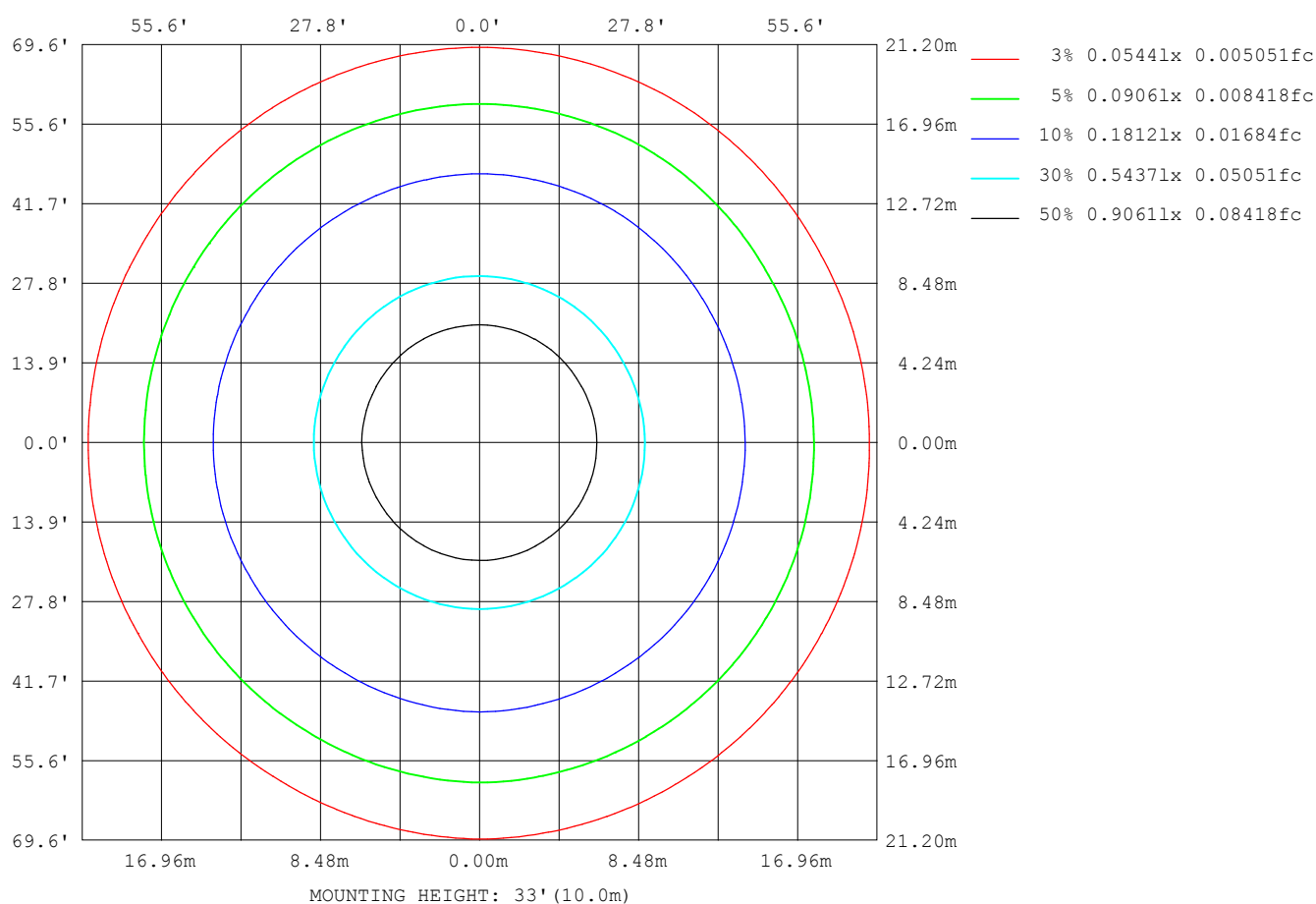
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: HXJ
Test Date: 2022-03-28

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

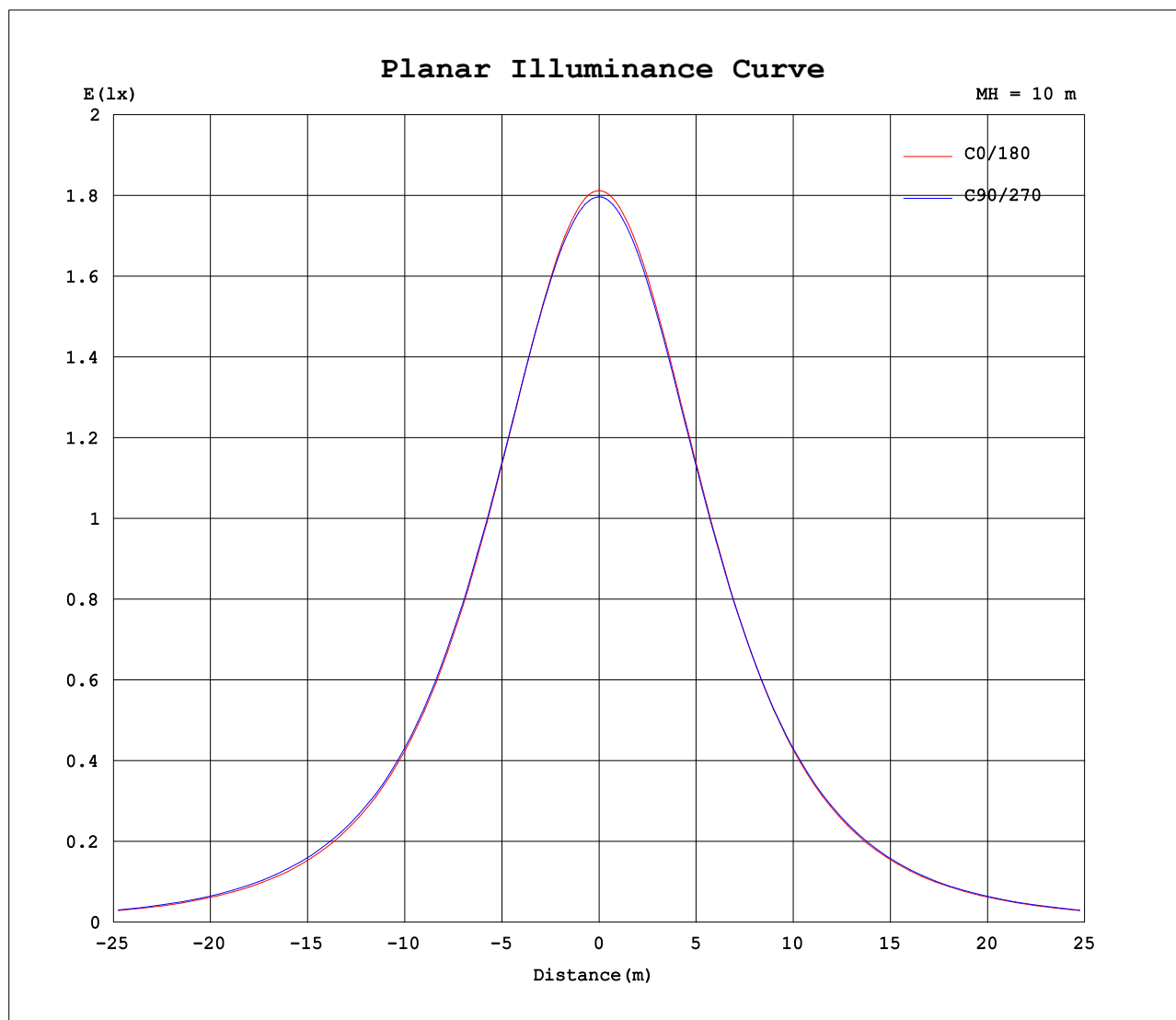
Test:U:24.00V I:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
MFR.: OLYMPIA	SUR.:1*0.0165	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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: 2022-03-28

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:0.6649A P:15.96W PF:1.000 Lamp Flux:541.705x1 lm		
NAME: SF16-24V-2835-120-3000+5700-80	TYPE: 硅胶	WEIGHT:
DIM.: 16.5mm*16.5mm	SPEC.:	SERIAL No.:2022032801
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	181	181	180	180	179	179	181	181	180	180	179	179							
5	180	180	179	179	179	178	180	180	179	179	178	178							
10	178	177	177	177	176	176	178	177	177	177	176	176							
15	174	174	173	173	172	172	174	173	173	173	172	172							
20	168	168	168	168	167	167	168	168	168	167	167	166							
25	161	161	161	161	161	160	161	161	161	160	160	159							
30	152	153	153	153	153	152	153	153	153	152	152	151							
35	143	143	144	144	143	142	143	143	143	143	142	141							
40	132	133	133	134	133	132	133	132	133	133	132	131							
45	120	121	122	122	121	120	121	121	121	122	121	119							
50	107	108	109	110	109	108	108	108	109	110	109	106							
55	93.7	94.9	96.0	97.7	95.3	94.4	94.6	94.5	95.2	96.4	96.0	93.0							
60	79.5	80.8	82.1	83.9	81.2	80.3	80.4	80.2	81.2	82.2	81.7	78.9							
65	64.8	65.9	67.1	68.6	66.3	65.8	65.6	65.5	66.8	67.5	66.7	64.5							
70	49.7	50.8	51.8	52.8	51.2	50.7	50.5	50.6	52.0	52.0	51.4	49.6							
75	34.6	35.7	36.5	37.7	36.2	35.6	35.4	35.5	36.7	36.9	36.0	34.6							
80	20.4	21.4	21.7	22.8	21.6	21.3	21.1	21.2	21.8	22.1	21.4	20.6							
85	9.03	9.64	9.63	10.2	9.52	9.72	9.42	9.52	9.50	9.59	9.58	8.94							
90	3.20	3.73	4.29	4.72	4.12	3.91	3.21	3.55	3.63	3.97	3.59	2.92							
95	2.01	2.82	3.96	4.63	3.70	2.81	1.65	2.44	3.08	3.74	2.94	1.77							
100	2.03	2.78	3.95	4.53	3.66	2.72	1.52	2.26	3.06	3.55	2.85	1.75							
105	2.14	2.85	3.94	4.38	3.66	2.69	1.52	2.21	3.04	3.47	2.79	1.76							
110	2.29	2.93	3.90	4.22	3.66	2.76	1.61	2.21	3.02	3.39	2.77	1.84							
115	2.43	3.00	3.86	4.08	3.65	2.84	1.76	2.24	2.98	3.30	2.77	1.93							
120	2.56	3.05	3.81	3.98	3.60	2.90	1.93	2.30	2.94	3.24	2.77	2.06							
125	2.69	3.09	3.74	3.89	3.55	2.97	2.09	2.37	2.92	3.17	2.76	2.14							
130	2.81	3.15	3.69	3.80	3.50	3.04	2.27	2.45	2.92	3.11	2.77	2.28							
135	2.94	3.19	3.64	3.74	3.45	3.11	2.45	2.55	2.92	3.07	2.81	2.41							
140	3.08	3.24	3.60	3.65	3.41	3.20	2.64	2.68	2.96	3.06	2.87	2.57							
145	3.18	3.30	3.58	3.62	3.40	3.27	2.82	2.83	3.02	3.05	2.95	2.73							
150	3.28	3.36	3.57	3.61	3.40	3.35	2.99	2.99	3.11	3.10	3.06	2.89							
155	3.38	3.44	3.57	3.61	3.46	3.44	3.16	3.14	3.23	3.18	3.19	3.07							
160	3.50	3.52	3.57	3.65	3.53	3.53	3.32	3.28	3.36	3.30	3.31	3.22							
165	3.57	3.61	3.57	3.66	3.59	3.61	3.47	3.41	3.49	3.41	3.44	3.35							
170	3.66	3.67	3.64	3.71	3.65	3.65	3.61	3.53	3.60	3.53	3.56	3.49							
175	3.69	3.71	3.67	3.74	3.68	3.67	3.69	3.63	3.68	3.62	3.65	3.57							
180	3.70	3.71	3.72	3.74	3.68	3.67	3.71	3.70	3.74	3.69	3.69	3.67							

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:HXJ
Test Date:2022-03-28

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	181.2	180.6	180.1	179.7	179.2	178.9	181.2	180.6	180.1	179.7
3.0	180.9	180.3	179.8	179.4	179.0	178.7	181.0	180.3	179.8	179.4
6.0	180.0	179.5	179.0	178.6	178.2	177.9	180.1	179.4	179.0	178.5
9.0	178.4	178.0	177.6	177.3	176.8	176.5	178.7	177.9	177.6	177.1
12.0	176.3	176.1	175.7	175.5	174.9	174.6	176.6	175.9	175.6	175.1
15.0	173.6	173.5	173.2	173.2	172.5	172.1	174.0	173.3	173.1	172.5
18.0	170.5	170.4	170.3	170.3	169.6	169.1	170.8	170.2	170.0	169.6
21.0	166.7	166.8	166.7	166.8	166.1	165.5	167.2	166.5	166.4	166.0
24.0	162.4	162.6	162.6	162.9	162.0	161.5	162.9	162.4	162.3	161.8
27.0	157.6	158.0	158.1	158.5	157.5	156.8	158.2	157.5	157.7	157.3
30.0	152.4	153.0	153.1	153.4	152.6	151.9	153.1	152.6	152.7	152.2
33.0	146.7	147.4	147.6	148.2	147.1	146.3	147.4	147.0	147.2	146.8
36.0	140.7	141.3	141.7	142.3	141.2	140.3	141.3	140.9	141.2	141.1
39.0	134.2	134.9	135.4	135.9	135.0	134.0	134.9	134.5	134.9	135.0
42.0	127.3	128.2	128.7	129.4	128.3	127.3	128.1	127.7	128.2	128.6
45.0	120.1	121.0	121.6	122.3	121.3	120.2	120.8	120.7	121.1	121.9
48.0	112.5	113.6	114.1	114.9	113.9	112.9	113.3	113.2	113.7	114.7
51.0	104.7	105.8	106.4	107.7	106.1	105.2	105.5	105.3	105.9	107.2
54.0	96.52	97.67	98.64	100.3	98.03	97.11	97.37	97.33	97.91	99.31
57.0	88.15	89.35	90.63	92.37	89.73	88.86	89.02	88.93	89.65	90.92
60.0	79.52	80.76	82.11	83.94	81.16	80.30	80.41	80.23	81.21	82.20
63.0	70.76	71.92	73.26	74.82	72.35	71.53	71.59	71.60	72.60	73.51
66.0	61.77	62.94	64.06	65.37	63.30	62.81	62.62	62.73	63.89	64.45
69.0	52.76	53.83	54.88	56.11	54.23	53.71	53.56	53.63	54.99	55.15
72.0	43.64	44.66	45.71	46.66	45.14	44.54	44.42	44.61	45.85	46.12
75.0	34.61	35.67	36.52	37.70	36.19	35.65	35.43	35.51	36.73	36.93
78.0	25.87	26.80	27.36	28.57	27.26	26.82	26.68	26.63	27.68	27.55
81.0	17.80	18.82	18.91	19.87	18.80	18.63	18.47	18.60	19.09	19.25
84.0	10.92	11.48	11.66	12.47	11.56	11.67	11.36	11.51	11.59	11.71
87.0	6.072	6.595	6.494	6.977	6.359	6.641	6.260	6.410	6.140	6.050
90.0	3.199	3.725	4.287	4.719	4.116	3.906	3.209	3.554	3.630	3.968
93.0	2.103	2.903	3.961	4.684	3.760	2.919	1.843	2.554	3.156	3.815
96.0	2.011	2.780	3.958	4.603	3.674	2.779	1.633	2.403	3.072	3.719
99.0	2.029	2.769	3.955	4.543	3.664	2.722	1.563	2.297	3.061	3.584
102.0	2.055	2.810	3.952	4.458	3.664	2.702	1.518	2.201	3.050	3.523
105.0	2.136	2.855	3.940	4.382	3.664	2.694	1.518	2.206	3.039	3.473
108.0	2.226	2.905	3.920	4.292	3.662	2.739	1.573	2.210	3.028	3.428
111.0	2.307	2.940	3.885	4.201	3.660	2.779	1.644	2.215	3.018	3.362
114.0	2.397	2.975	3.865	4.101	3.649	2.820	1.734	2.231	3.005	3.317
117.0	2.477	3.021	3.840	4.050	3.634	2.865	1.825	2.271	2.965	3.277
120.0	2.563	3.051	3.815	3.975	3.599	2.905	1.925	2.299	2.940	3.237
123.0	2.638	3.076	3.774	3.910	3.568	2.950	2.016	2.342	2.930	3.201
126.0	2.719	3.101	3.739	3.860	3.543	2.985	2.126	2.372	2.920	3.161
129.0	2.784	3.136	3.699	3.814	3.508	3.026	2.237	2.442	2.922	3.121
132.0	2.859	3.156	3.674	3.764	3.473	3.066	2.342	2.488	2.923	3.086
135.0	2.940	3.191	3.639	3.739	3.448	3.111	2.453	2.548	2.925	3.066
138.0	3.020	3.222	3.619	3.669	3.423	3.151	2.569	2.628	2.935	3.059
141.0	3.101	3.257	3.594	3.633	3.403	3.212	2.674	2.704	2.960	3.056
144.0	3.151	3.287	3.578	3.625	3.398	3.257	2.785	2.794	3.001	3.053
147.0	3.216	3.327	3.573	3.616	3.400	3.302	2.895	2.890	3.051	3.051
150.0	3.277	3.362	3.573	3.607	3.402	3.352	2.991	2.985	3.106	3.101
153.0	3.337	3.408	3.573	3.599	3.432	3.408	3.096	3.090	3.187	3.126
156.0	3.407	3.463	3.573	3.619	3.493	3.463	3.202	3.166	3.257	3.206
159.0	3.467	3.508	3.573	3.649	3.518	3.518	3.292	3.256	3.332	3.272
162.0	3.518	3.558	3.573	3.658	3.568	3.573	3.388	3.337	3.413	3.347
165.0	3.573	3.609	3.573	3.664	3.589	3.609	3.473	3.412	3.488	3.412
168.0	3.613	3.639	3.603	3.689	3.608	3.644	3.563	3.498	3.558	3.503
171.0	3.659	3.684	3.648	3.719	3.659	3.654	3.629	3.563	3.619	3.563
174.0	3.680	3.709	3.664	3.739	3.671	3.664	3.669	3.608	3.669	3.603
177.0	3.694	3.714	3.689	3.744	3.684	3.674	3.709	3.654	3.719	3.664
180.0	3.699	3.714	3.724	3.744	3.684	3.674	3.709	3.704	3.739	3.689
G/C	300.0	330.0								
0.0	179.2	178.9								
3.0	179.0	178.6								
6.0	178.1	177.7								
9.0	176.7	176.2								
12.0	174.7	174.2								
15.0	172.2	171.6								
18.0	169.1	168.4								
21.0	165.5	164.8								
24.0	161.4	160.5								
27.0	156.8	155.9								
30.0	151.7	150.8								

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: HXJ
 Test Date: 2022-03-28

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:

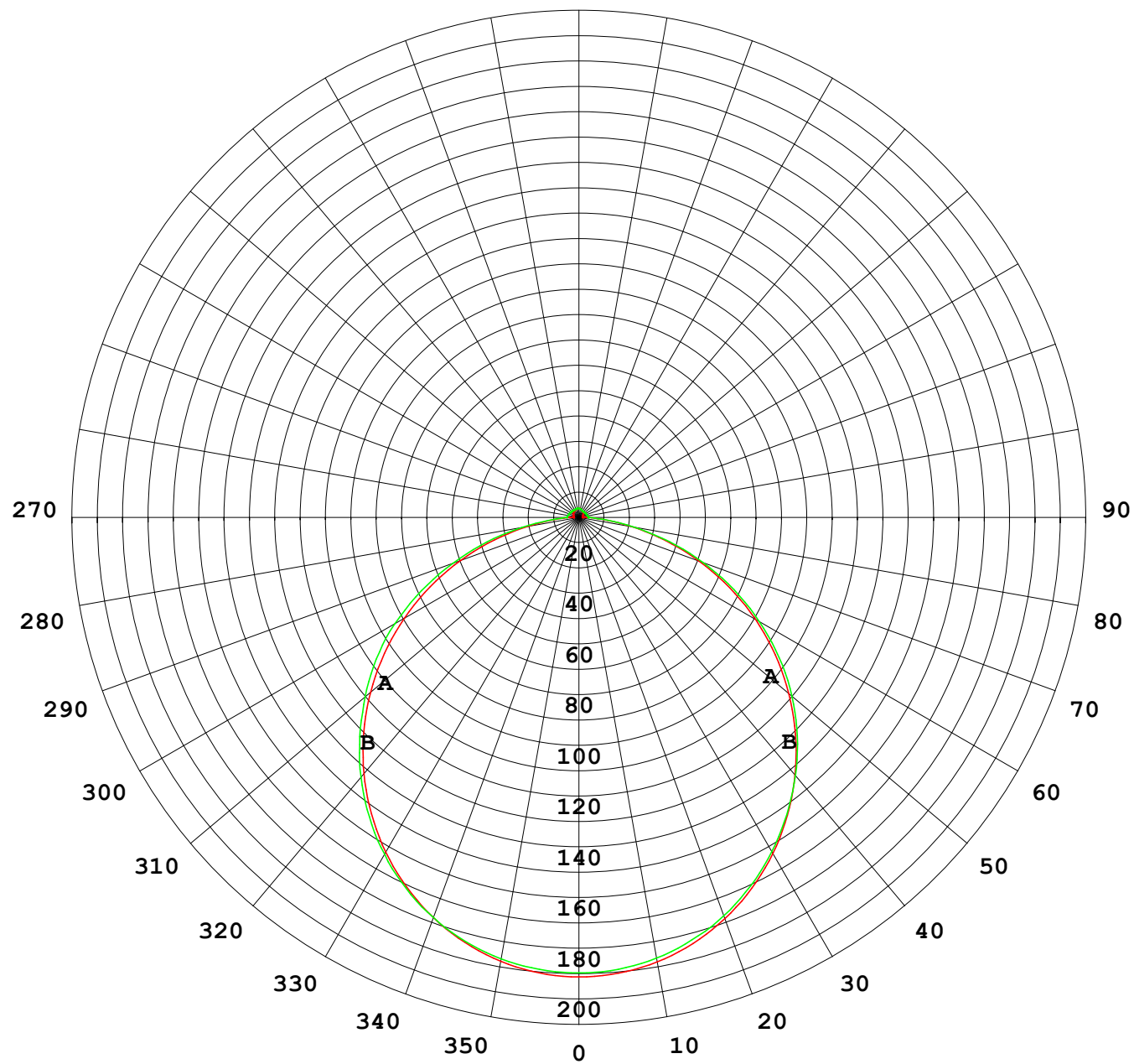
Photometric Data Table [cd]

33.0	146.2	145.2
36.0	140.3	139.2
39.0	134.1	132.8
42.0	127.6	126.0
45.0	120.8	119.0
48.0	113.8	111.5
51.0	106.4	103.8
54.0	98.63	95.82
57.0	90.40	87.52
60.0	81.72	78.91
63.0	72.78	70.40
66.0	63.70	61.55
69.0	54.44	52.61
72.0	45.16	43.65
75.0	35.99	34.62
78.0	27.18	25.84
81.0	18.83	17.95
84.0	11.63	10.92
87.0	6.190	5.812
90.0	3.595	2.916
93.0	3.020	1.876
96.0	2.920	1.749
99.0	2.860	1.749
102.0	2.814	1.756
105.0	2.792	1.764
108.0	2.781	1.814
111.0	2.774	1.874
114.0	2.769	1.915
117.0	2.767	1.970
120.0	2.766	2.060
123.0	2.765	2.091
126.0	2.764	2.161
129.0	2.769	2.241
132.0	2.784	2.317
135.0	2.815	2.412
138.0	2.845	2.503
141.0	2.880	2.608
144.0	2.925	2.694
147.0	2.986	2.799
150.0	3.056	2.895
153.0	3.136	3.015
156.0	3.202	3.101
159.0	3.287	3.186
162.0	3.358	3.271
165.0	3.443	3.352
168.0	3.513	3.422
171.0	3.584	3.498
174.0	3.639	3.558
177.0	3.684	3.598
180.0	3.694	3.669

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2022-03-28

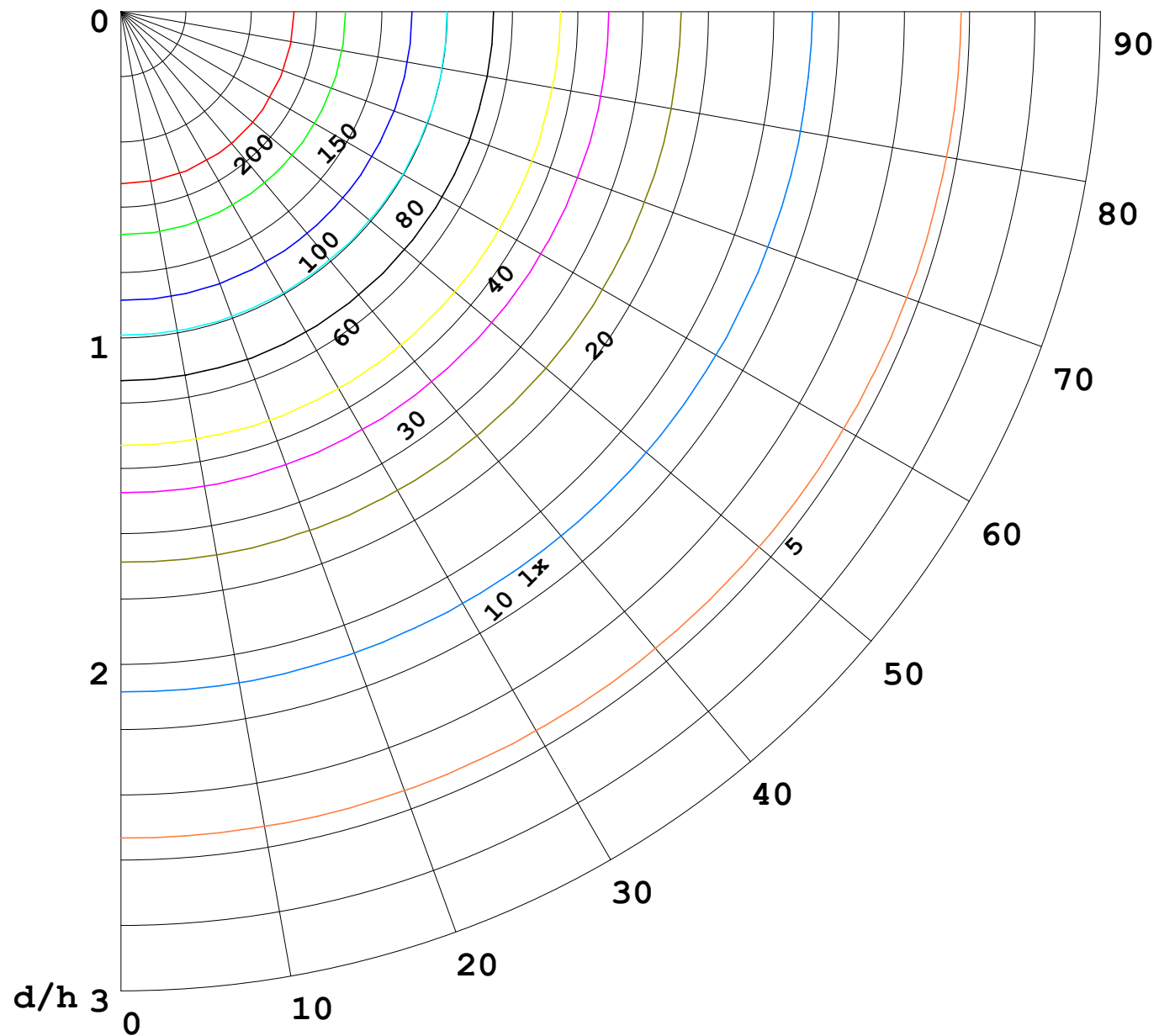
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

