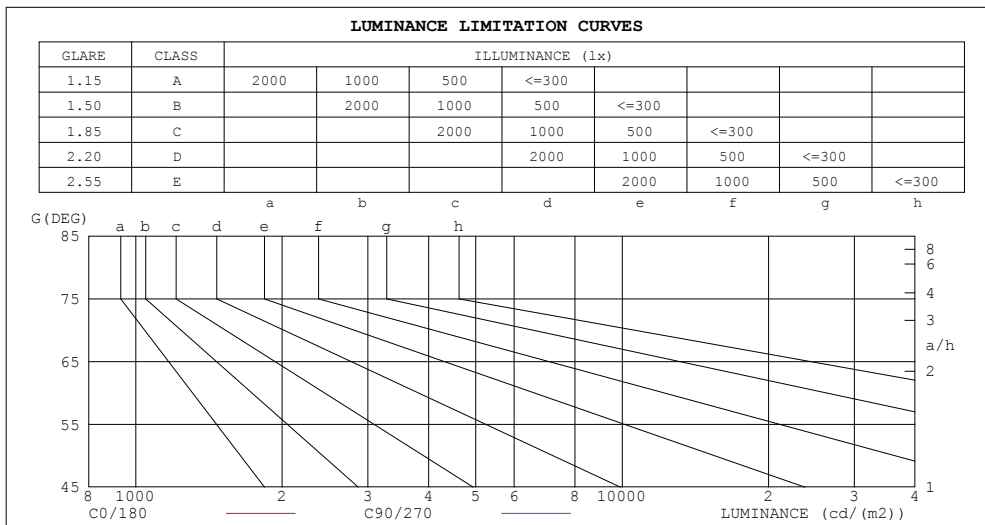


LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	305	241
80	256	228
75	255	244
70	268	270
65	290	309
60	322	360
55	367	433
50	435	539
45	544	693

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

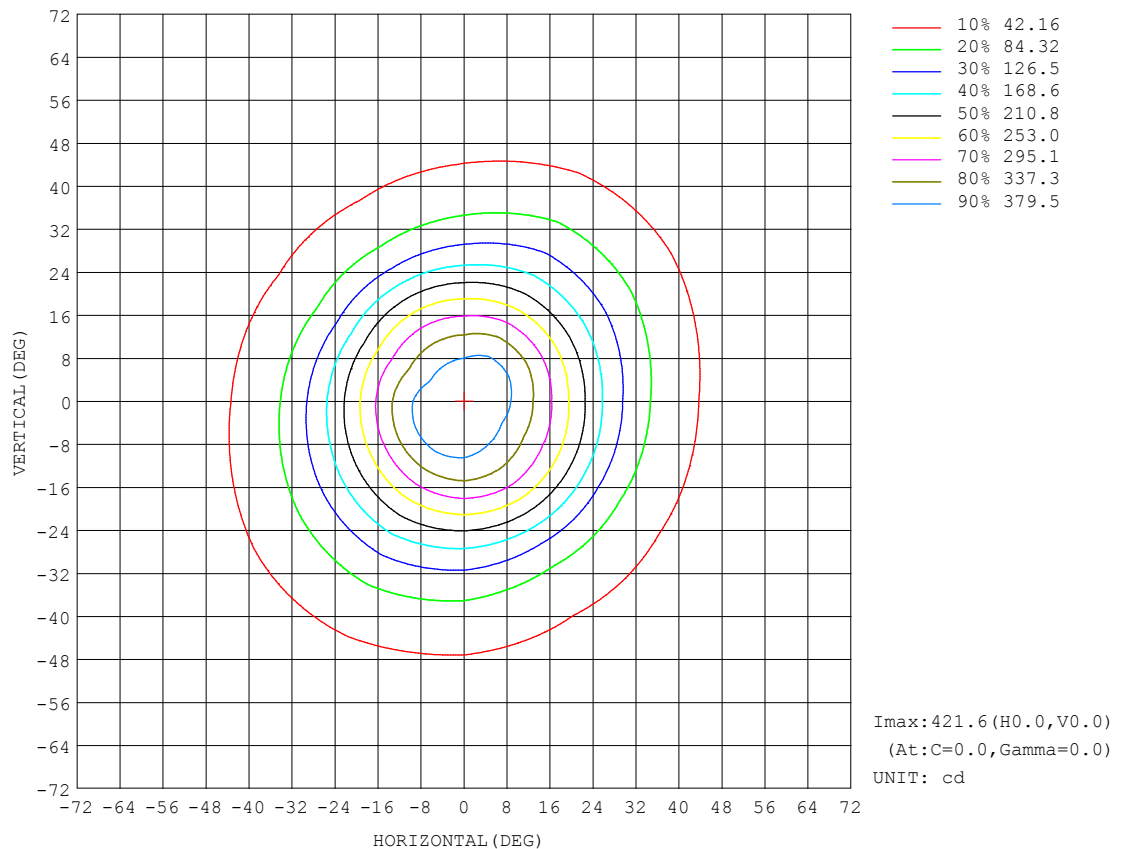
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	68	63	76	68	63	75	67	63	58
0.80	85	77	72	84	77	72	82	76	71	66
1.00	91	83	78	90	83	78	88	83	77	72
1.25	96	89	84	94	88	84	92	87	83	77
1.50	99	93	88	98	92	88	95	90	86	80
2.00	103	98	93	102	96	93	98	94	91	84
2.50	106	101	97	104	99	96	100	96	93	86
3.00	108	103	100	106	102	98	102	98	96	88
4.00	111	107	104	108	105	102	104	101	99	90
5.00	112	109	106	110	107	105	105	103	101	92
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: WFW
 Test Date: 2023-05-24

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:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

```

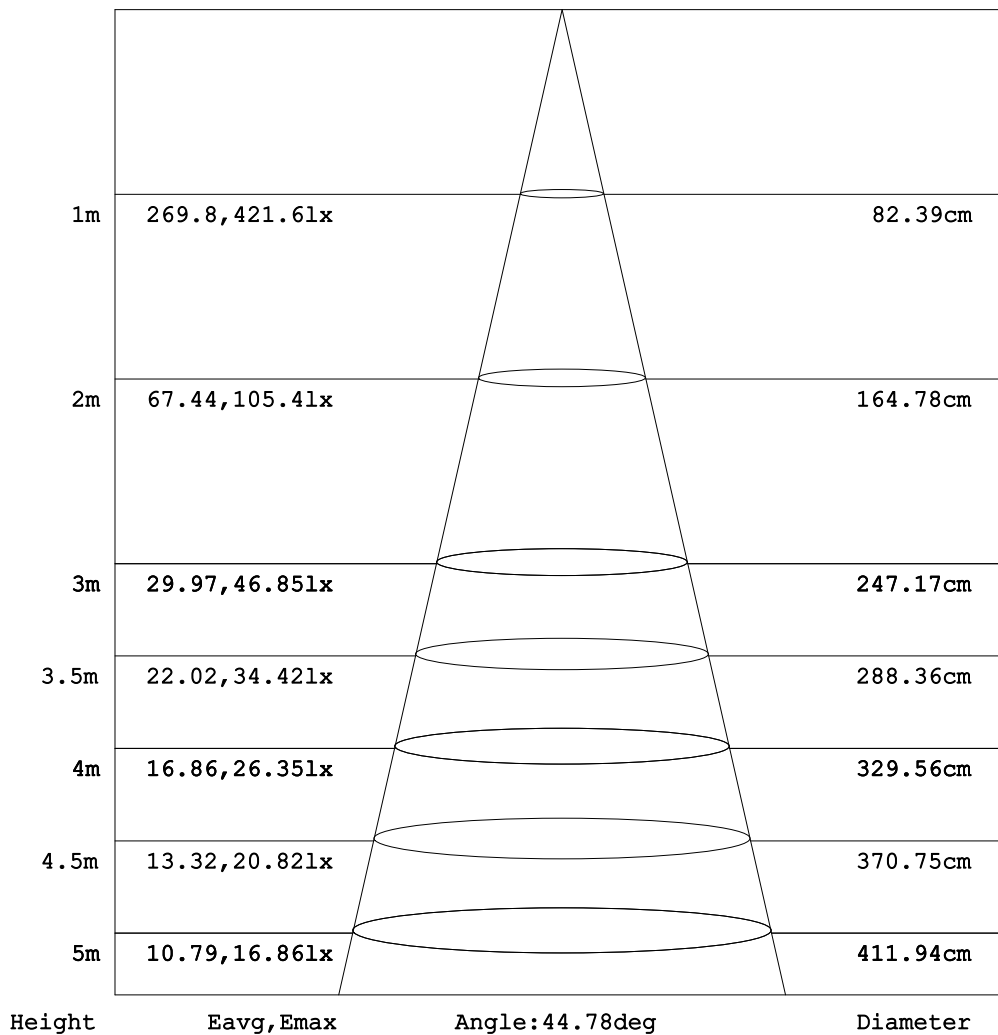
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```


AAI Figure

Test:U:24.00V I:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

Flux out:152.7 lm



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:WFW
Test Date:2023-05-24

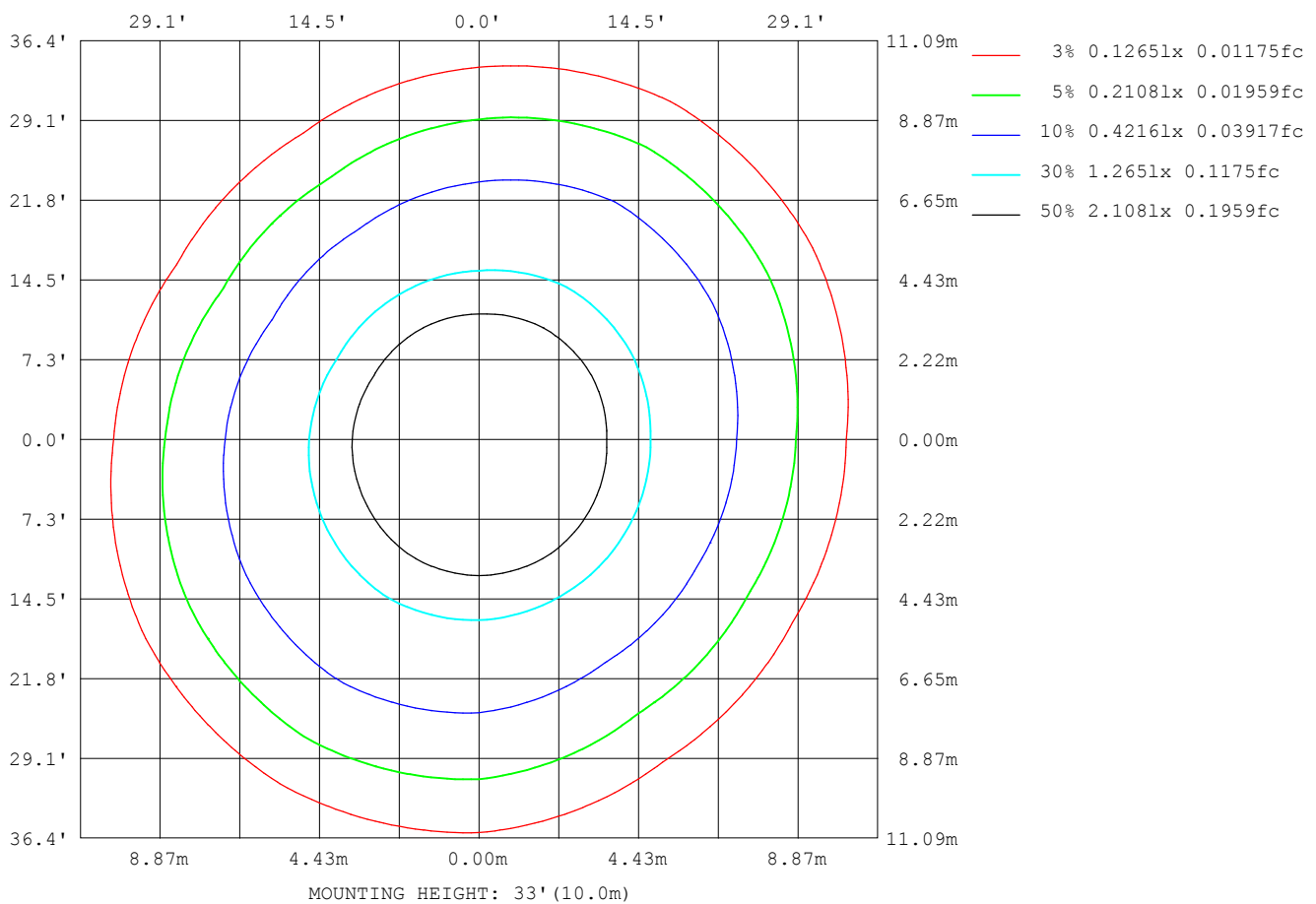
```

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:

```

ISOLUX DIAGRAM

Test:U:24.00V I:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE:硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

```

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:

```

LED Avg.L Report

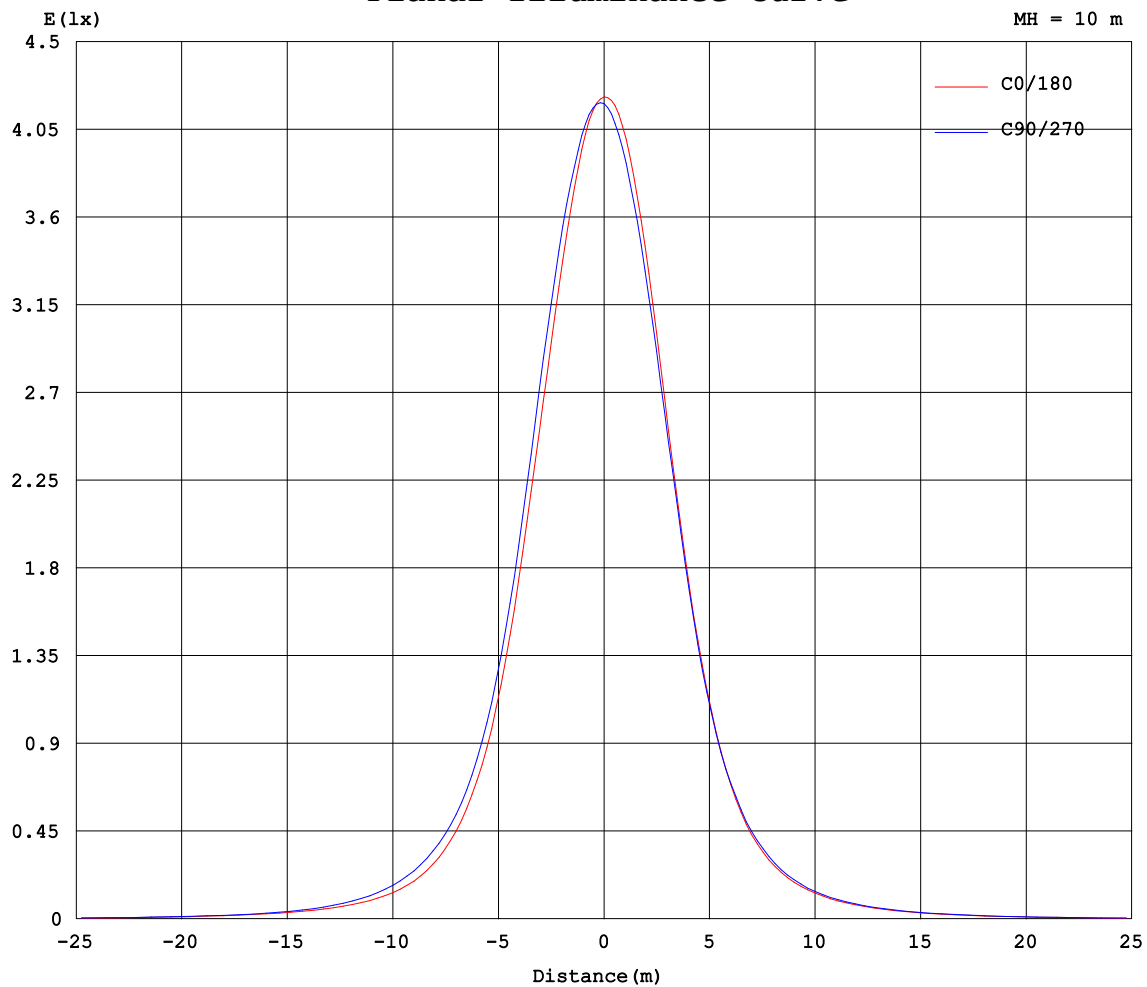
Test:U:24.00V I:0.3790A P:9.096W PF:1.000 Freq:0Hz Lamp Flux:346.718x1 lm		
NAME: SFW20-24V-3535-24-2700K+6000K-90-2700K-25	TYPE: 硅胶	WEIGHT:
SPEC.:	DIM.: 18.5MM*18.5MM	SERIAL No.:202305006
MFR.: OLYMPIA	SUR.:1.0*0.0185	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	274
L_0~180 (75) av	223
L_0~180 (85) av	223
L_90~270 (65) av	293
L_90~270 (75) av	226
L_90~270 (85) av	195
L_45 (65) av	293
L_45 (75) av	226
L_45 (85) av	215

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

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:



```

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

```


E:\IES\工程测试\硅胶\SFW20\SFW20-24V-3535-24-2700K+6000K-90-25\SFW20-24V-3535-24-2700K+6000K-90-2700K-25\SFW20-24V-3535-24-2700K+6000K-90-270

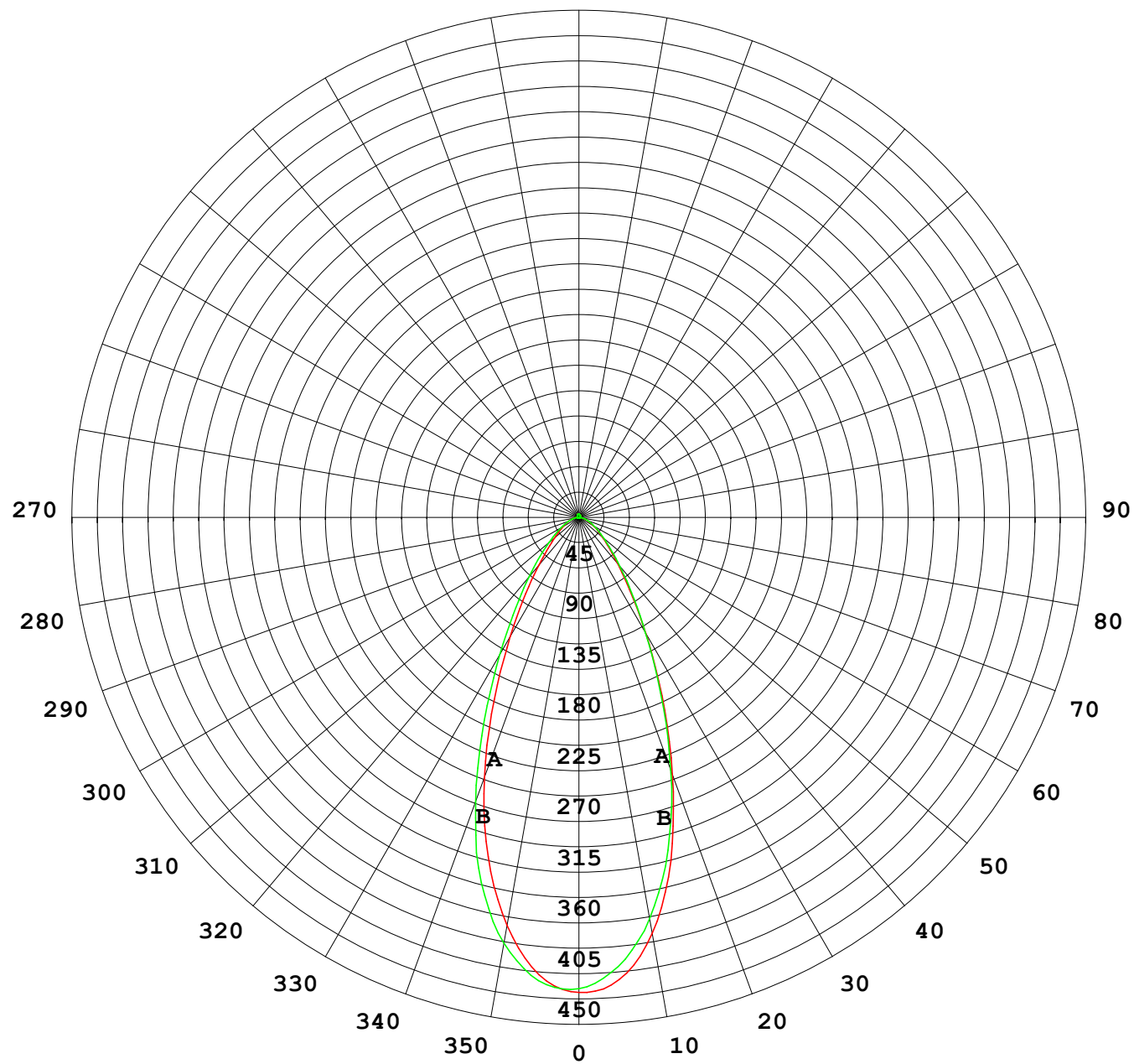
Photometric Data Table [cd]

33.0	112.0	108.9
36.0	91.17	88.10
39.0	73.44	70.76
42.0	58.77	56.45
45.0	47.10	45.47
48.0	38.15	37.00
51.0	31.13	30.49
54.0	25.70	25.43
57.0	21.37	21.17
60.0	17.74	17.57
63.0	14.67	14.55
66.0	12.04	11.89
69.0	9.782	9.720
72.0	7.748	7.731
75.0	6.016	6.111
78.0	4.488	4.623
81.0	3.156	3.325
84.0	1.996	2.164
87.0	1.108	1.244
90.0	0.5824	0.6597
93.0	0.5380	0.4876
96.0	0.6032	0.5084
99.0	0.6636	0.5326
102.0	0.7291	0.6030
105.0	0.8146	0.6883
108.0	0.9100	0.7788
111.0	1.006	0.8743
114.0	1.111	1.005
117.0	1.237	1.105
120.0	1.357	1.231
123.0	1.488	1.372
126.0	1.609	1.502
129.0	1.739	1.633
132.0	1.870	1.769
135.0	2.001	1.904
138.0	2.121	2.040
141.0	2.232	2.146
144.0	2.342	2.261
147.0	2.433	2.367
150.0	2.523	2.442
153.0	2.594	2.528
156.0	2.669	2.588
159.0	2.724	2.633
162.0	2.790	2.684
165.0	2.855	2.754
168.0	2.925	2.799
171.0	3.001	2.875
174.0	3.076	2.950
177.0	3.156	3.035
180.0	3.206	3.116

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WFW
Test Date:2023-05-24

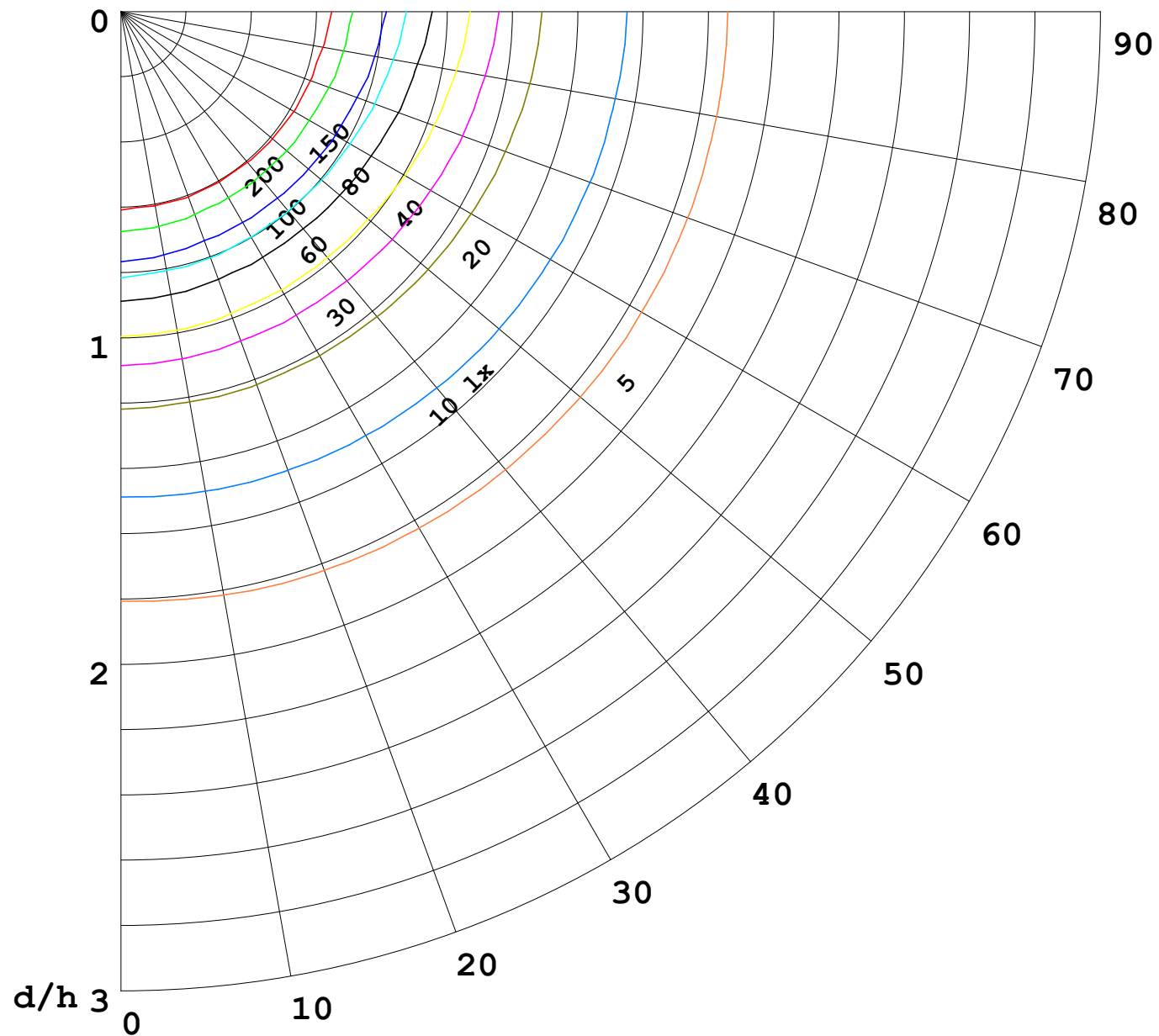
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

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

