

Report No.: 52.06015 Reflex Recessed  
Downlight

Test Time: 2024/9/14 16:45

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.112 A  
Power Factor: 0.612

Luminaire Description: 15W  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 220.5 V  
Power: 15.10 W

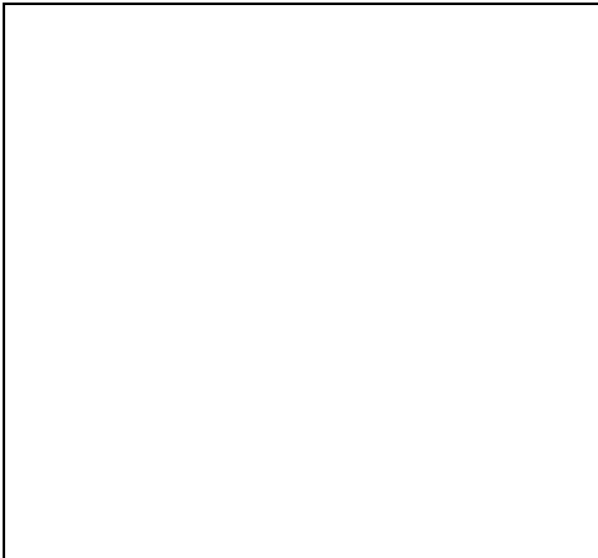
## Photometric Results

CIE Class: Direct  
Measurement Flux: 360 lm  
Downward Ratio: 96%  
Horizontal Diffuse Angle(50%): H62.3  
Vertical Diffuse Angle(50%): V71.9  
Luminaire Efficacy Rating (LER): 23.89  
Max. Intensity: 289.51 cd  
S/MH(C0/C180): 1.01

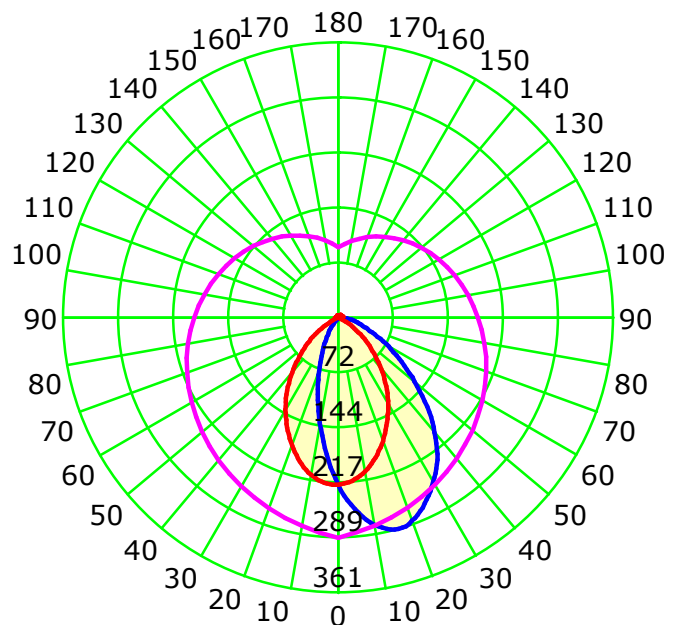
Total Rated Lamp Lumens: 360.0 lm  
Efficiency: 100%  
Upward Ratio: 4%

C0r0 Intensity: 219.93 cd  
Pos of Max. Intensity: H0 V17  
S/MH(C90/C270): 0.98

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

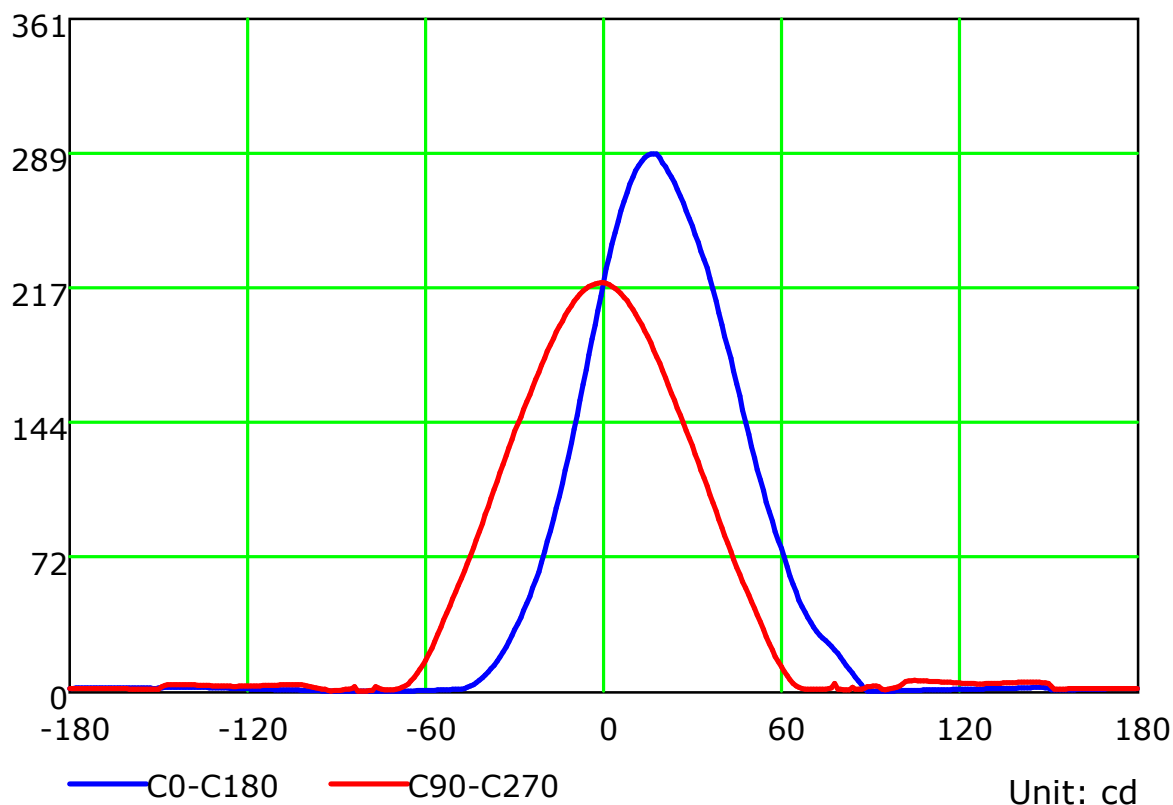
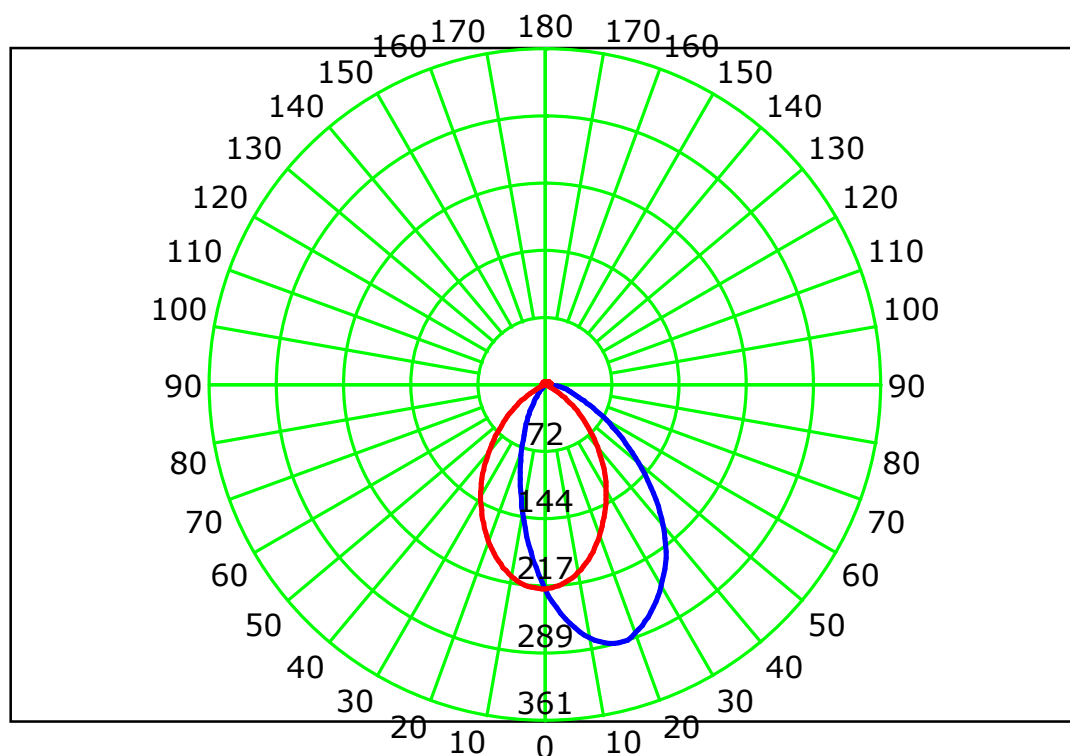
Average Diffuse Angle(50%): 64.7°

— C0-C180 — C90-C270 — G17

C Plane (°):0.0-360.0: 90.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.684 m [K=1.0000]  
Humidity: 65  
Inspector:

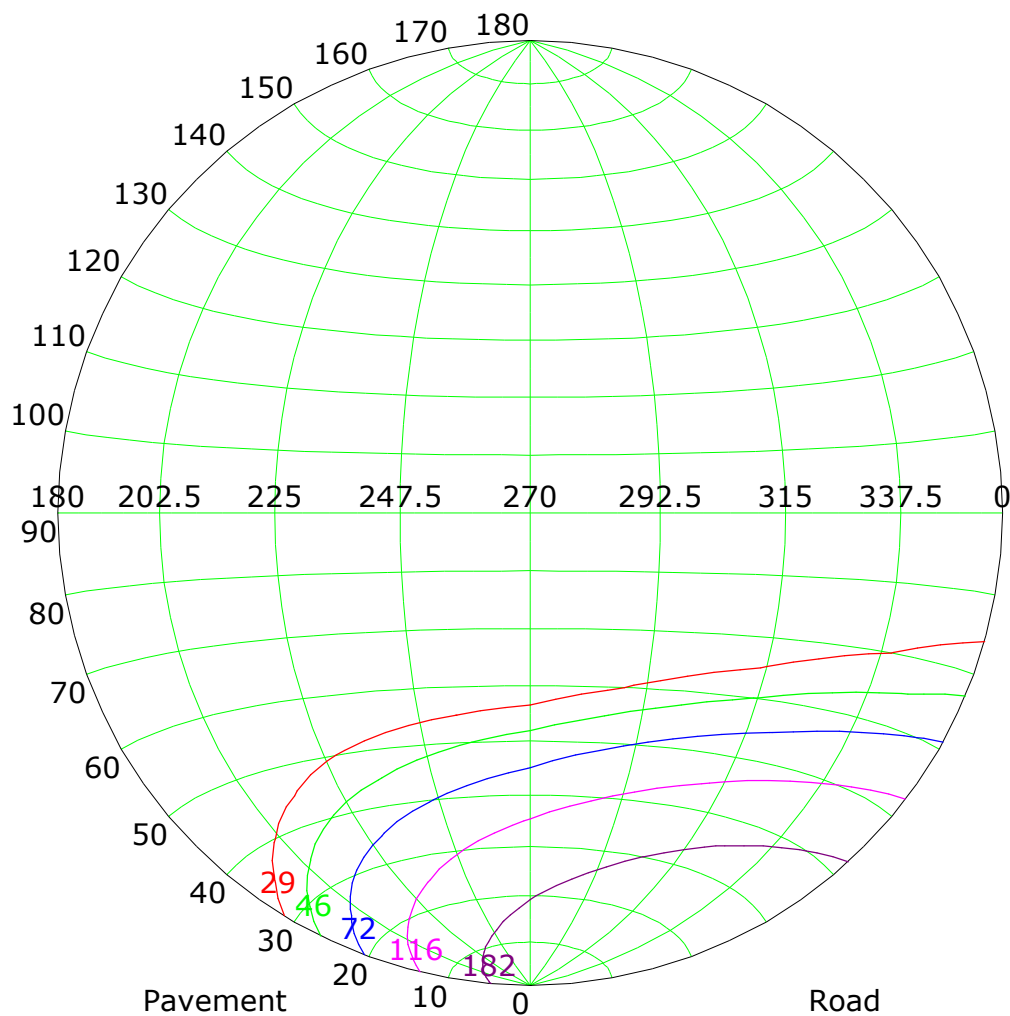
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
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Gamma Plane (°):0.0-180.0:1.0  
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## Isocandela (sphere)



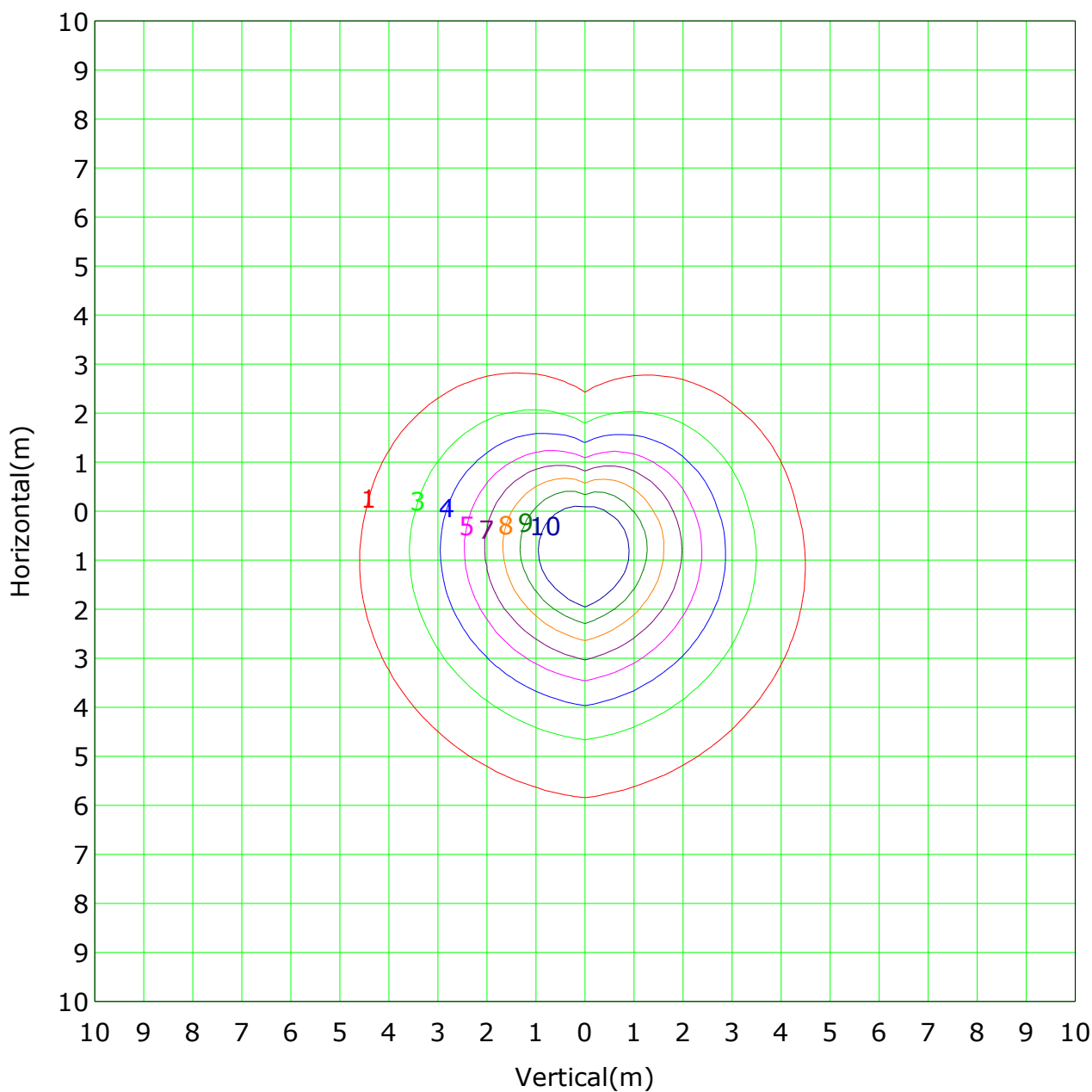
Imax (100%): 290 cd

( 10%):	29 cd	( 16%):	46 cd
( 25%):	72 cd	( 40%):	116 cd
( 63%):	182 cd	(100%):	290 cd

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## IsoLux Plot



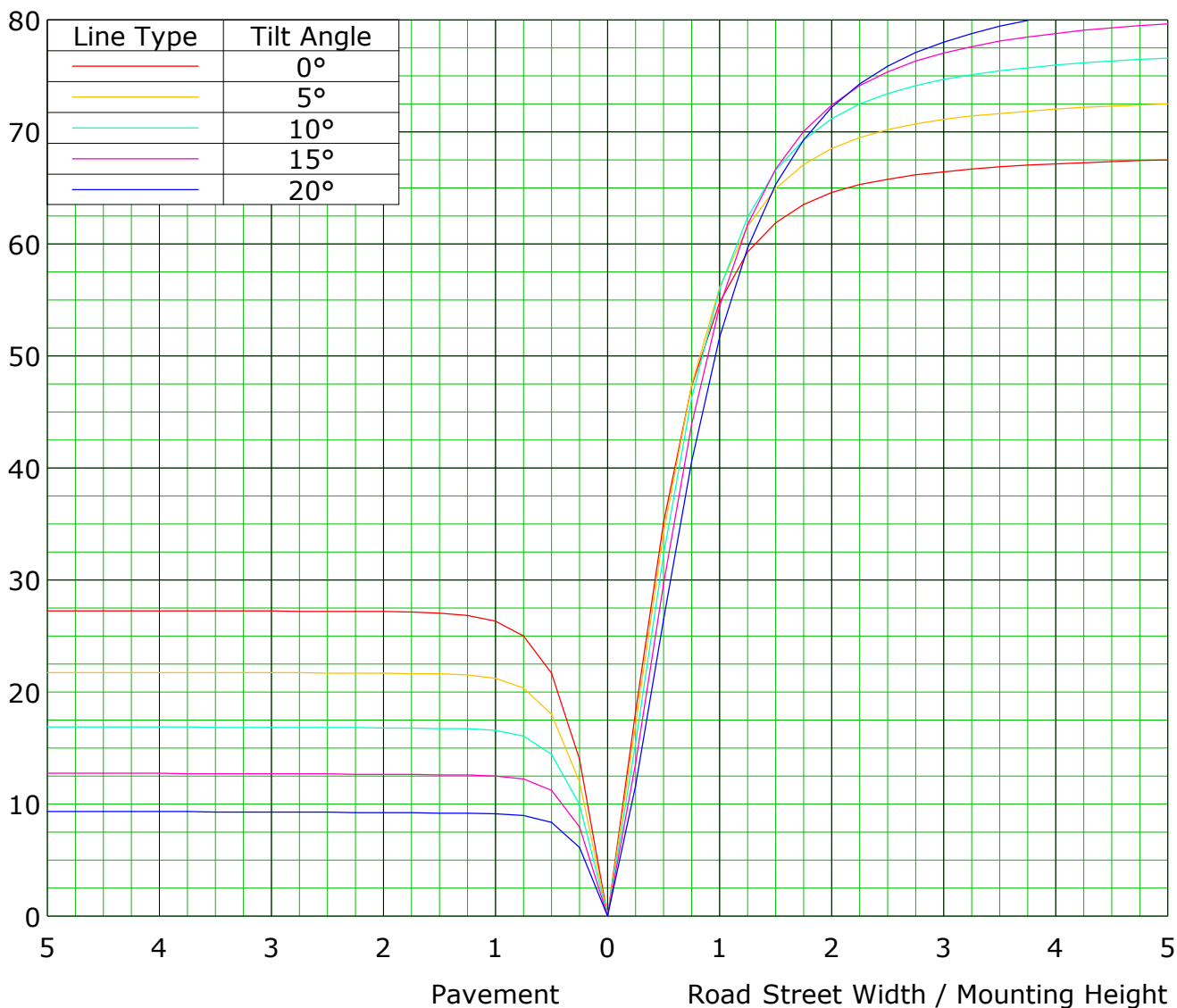
Mounting Height: 4.5m		Max Lux(100%): 13.1 lx	
— ( 10%):	1.3 lx	— ( 20%):	2.6 lx
— ( 30%):	3.9 lx	— ( 40%):	5.2 lx
— ( 50%):	6.5 lx	— ( 60%):	7.9 lx
— ( 70%):	9.2 lx	— ( 80%):	10.5 lx

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## Roadway CU Curve

Efficiency(%)

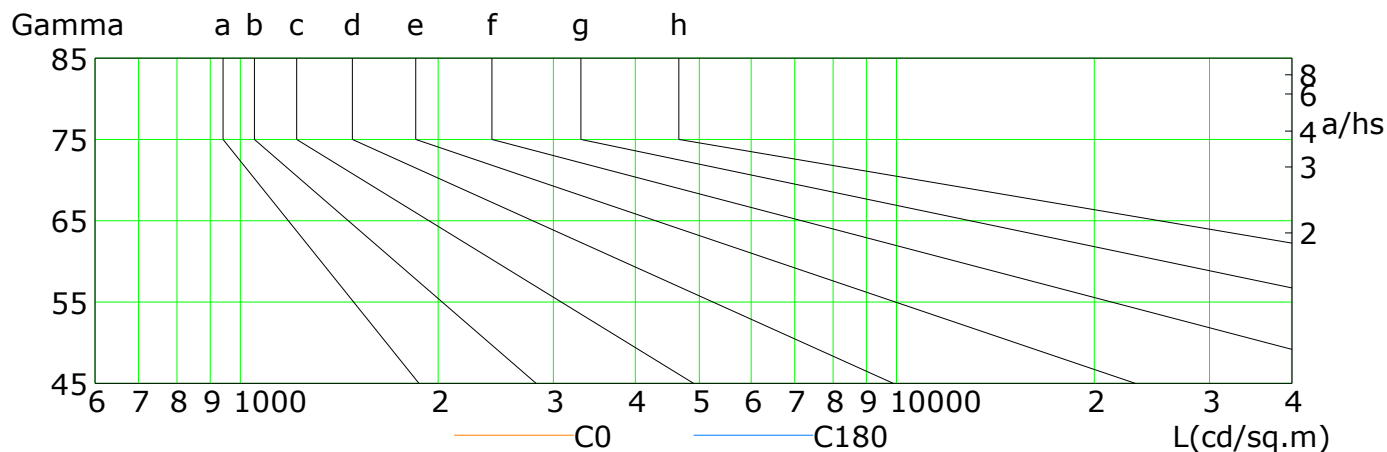
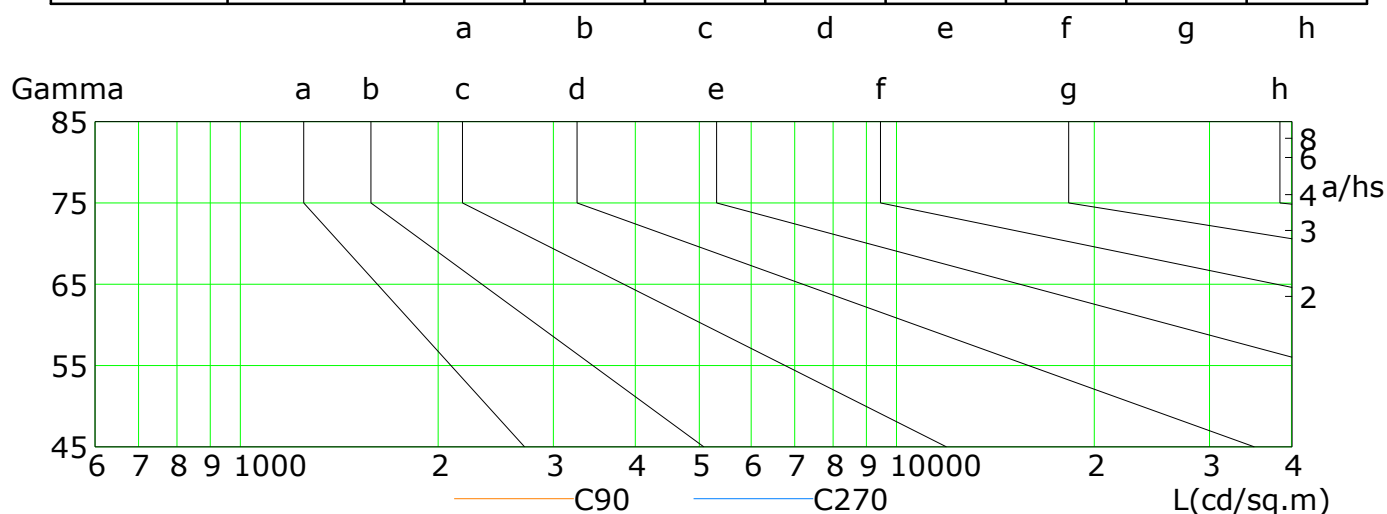


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Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
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Inspector:

## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

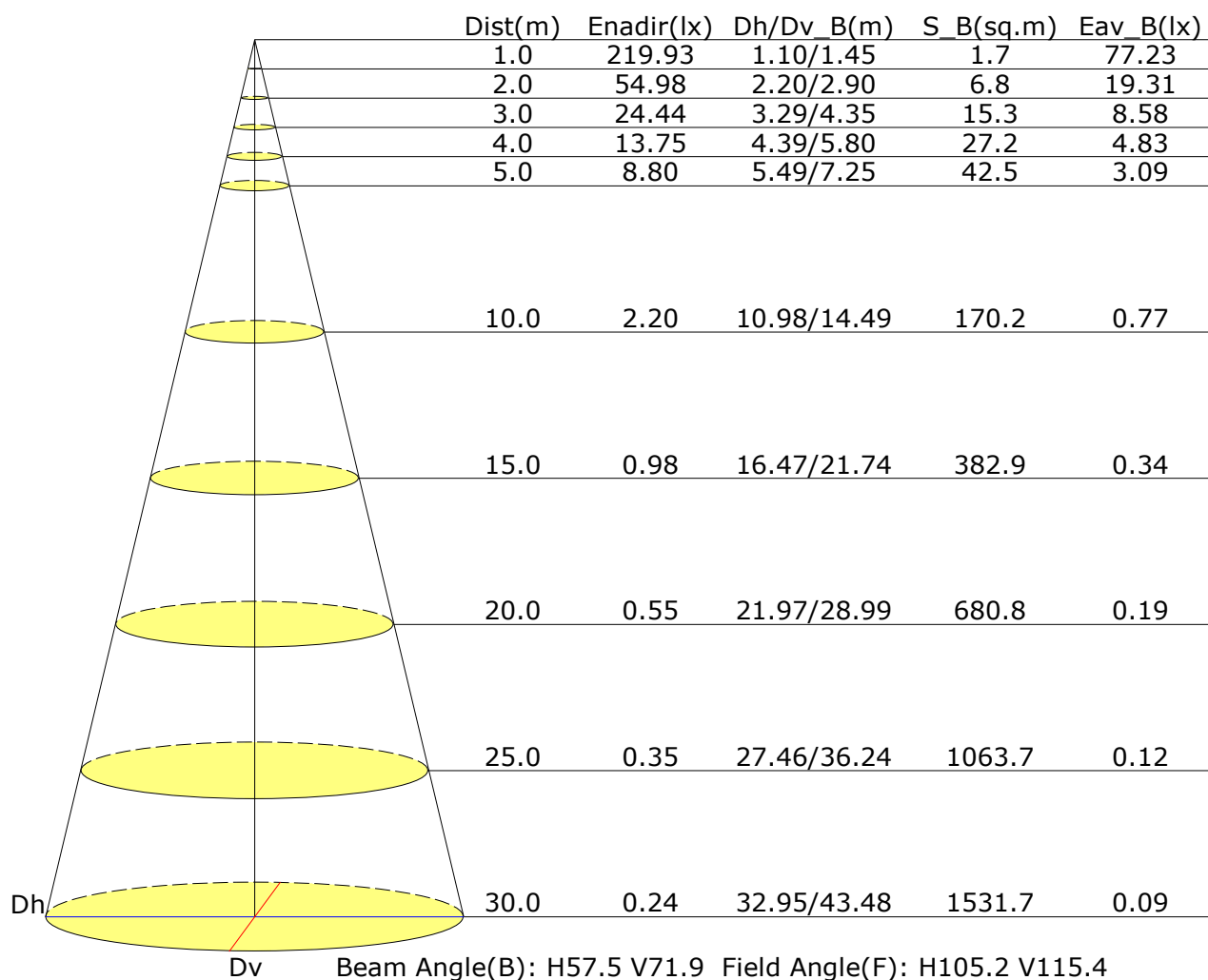


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	166	132	102	77	54	37	27	18	8
C90	67	48	29	13	3	1	1	1	1
C180	3	1	1	0	0	0	0	0	0
C270	73	54	35	17	6	1	1	0	1

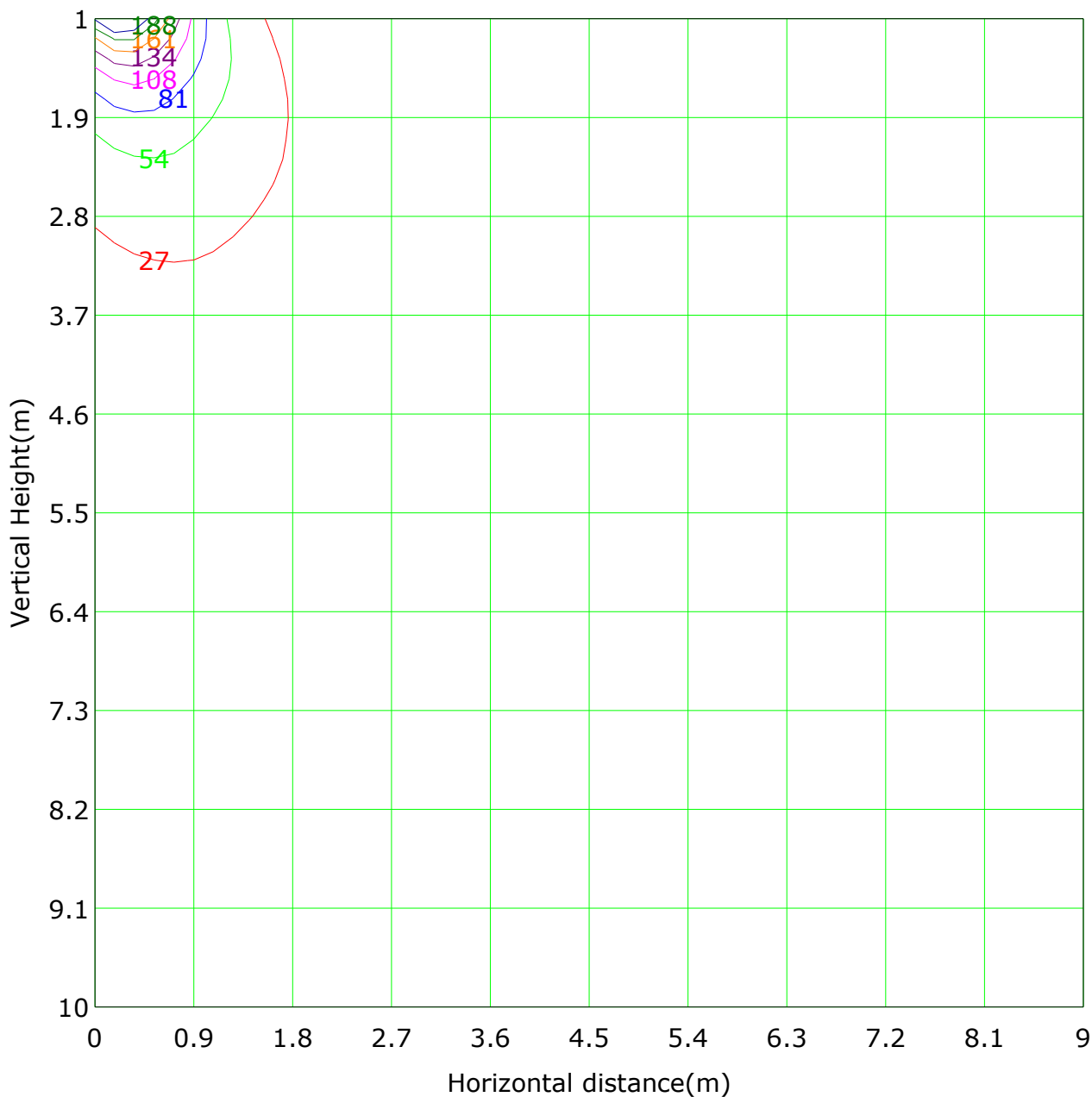
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Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 269.0 lx
( 10%): 26.9 lx	( 20%): 53.8 lx	
( 30%): 80.7 lx	( 40%): 107.6 lx	
( 50%): 134.5 lx	( 60%): 161.4 lx	
( 70%): 188.3 lx	( 80%): 215.2 lx	

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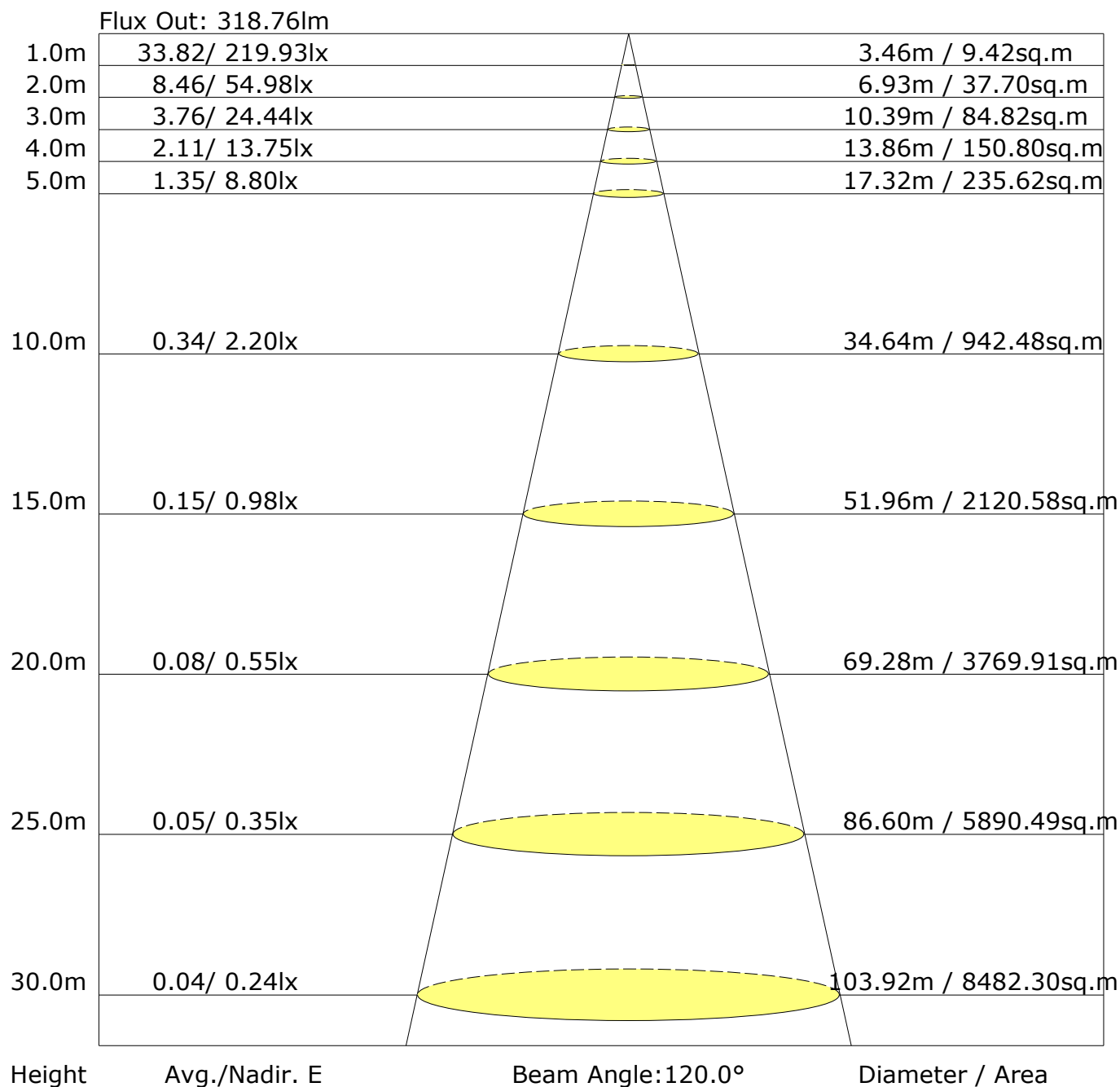


## Unit: lm

[illegible]

Gamma Plane (°):0.0-180.0:1.0  
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## The Average Illuminance Effective Figure



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## UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference 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	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 360lm ( $8\log(F/F_0) = -3.6$ ).

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Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.684 m [K=1.0000]  
Humidity: 65  
Inspector:

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	220.0	0.2	0.2	0.06	0.06
1.0-2.0	219.8	0.6	0.8	0.18	0.23
2.0-3.0	219.2	1.0	1.9	0.29	0.53
3.0-4.0	218.5	1.5	3.4	0.41	0.93
4.0-5.0	217.5	1.9	5.2	0.52	1.45
5.0-6.0	216.4	2.3	7.5	0.63	2.08
6.0-7.0	215.0	2.7	10.2	0.74	2.82
7.0-8.0	213.3	3.1	13.2	0.85	3.67
8.0-9.0	211.4	3.4	16.6	0.95	4.62
9.0-10.0	209.5	3.8	20.4	1.05	5.68
10.0-11.0	207.3	4.1	24.6	1.15	6.83
11.0-12.0	204.8	4.5	29.1	1.24	8.07
12.0-13.0	202.3	4.8	33.9	1.33	9.41
13.0-14.0	199.7	5.1	39.0	1.42	10.83
14.0-15.0	196.8	5.4	44.4	1.50	12.33
15.0-16.0	193.8	5.7	50.1	1.58	13.91
16.0-17.0	190.6	5.9	56.0	1.65	15.56
17.0-18.0	187.3	6.2	62.2	1.72	17.27
18.0-19.0	183.7	6.4	68.6	1.78	19.05
19.0-20.0	180.0	6.6	75.2	1.83	20.88
20.0-21.0	176.0	6.8	81.9	1.88	22.76
21.0-22.0	172.1	6.9	88.8	1.92	24.68
22.0-23.0	168.2	7.1	95.9	1.96	26.64
23.0-24.0	164.4	7.2	103.1	2.00	28.63
24.0-25.0	160.4	7.3	110.4	2.03	30.66
25.0-26.0	156.5	7.4	117.8	2.05	32.71
26.0-27.0	152.6	7.5	125.2	2.07	34.79
27.0-28.0	148.6	7.5	132.8	2.09	36.88
28.0-29.0	144.7	7.6	140.3	2.10	38.98
29.0-30.0	140.9	7.6	147.9	2.11	41.10
30.0-31.0	136.9	7.6	155.6	2.12	43.21
31.0-32.0	132.8	7.6	163.2	2.11	45.33
32.0-33.0	128.8	7.6	170.8	2.11	47.44
33.0-34.0	124.8	7.6	178.3	2.10	49.54
34.0-35.0	120.7	7.5	185.8	2.08	51.62
35.0-36.0	116.6	7.4	193.2	2.06	53.68

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## Zonal Lumen (Continue 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	112.3	7.3	200.6	2.04	55.72
37.0-38.0	108.0	7.2	207.8	2.00	57.72
38.0-39.0	103.7	7.1	214.8	1.97	59.69
39.0-40.0	99.5	6.9	221.8	1.93	61.62
40.0-41.0	95.3	6.8	228.6	1.88	63.50
41.0-42.0	91.2	6.6	235.2	1.84	65.34
42.0-43.0	87.2	6.5	241.7	1.80	67.14
43.0-44.0	83.2	6.3	247.9	1.74	68.88
44.0-45.0	79.1	6.1	254.0	1.69	70.57
45.0-46.0	75.2	5.9	259.9	1.63	72.20
46.0-47.0	71.3	5.7	265.6	1.58	73.78
47.0-48.0	67.5	5.5	271.0	1.52	75.30
48.0-49.0	63.9	5.2	276.3	1.46	76.75
49.0-50.0	60.4	5.0	281.3	1.40	78.15
50.0-51.0	57.0	4.8	286.1	1.34	79.49
51.0-52.0	53.6	4.6	290.7	1.28	80.77
52.0-53.0	50.2	4.4	295.1	1.21	81.98
53.0-54.0	46.8	4.1	299.2	1.15	83.13
54.0-55.0	43.4	3.9	303.1	1.08	84.21
55.0-56.0	40.1	3.6	306.7	1.01	85.21
56.0-57.0	36.9	3.4	310.1	0.94	86.15
57.0-58.0	33.7	3.1	313.2	0.87	87.02
58.0-59.0	30.9	2.9	316.1	0.80	87.82
59.0-60.0	28.2	2.7	318.8	0.74	88.56
60.0-61.0	25.7	2.5	321.2	0.68	89.24
61.0-62.0	23.3	2.2	323.5	0.62	89.86
62.0-63.0	20.9	2.0	325.5	0.56	90.42
63.0-64.0	18.6	1.8	327.3	0.51	90.93
64.0-65.0	16.6	1.6	329.0	0.46	91.39
65.0-66.0	14.8	1.5	330.4	0.41	91.80
66.0-67.0	13.3	1.3	331.8	0.37	92.17
67.0-68.0	12.1	1.2	333.0	0.34	92.51
68.0-69.0	11.1	1.1	334.1	0.32	92.82
69.0-70.0	10.3	1.1	335.2	0.29	93.12
70.0-71.0	9.5	1.0	336.2	0.27	93.39
71.0-72.0	8.9	0.9	337.1	0.26	93.65

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## Zonal Lumen (Continue 2)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	8.4	0.9	338.0	0.24	93.89
73.0-74.0	7.9	0.8	338.8	0.23	94.12
74.0-75.0	7.6	0.8	339.6	0.22	94.35
75.0-76.0	7.4	0.8	340.4	0.22	94.57
76.0-77.0	7.3	0.8	341.2	0.22	94.78
77.0-78.0	7.1	0.8	341.9	0.21	94.99
78.0-79.0	6.2	0.7	342.6	0.19	95.18
79.0-80.0	5.3	0.6	343.2	0.16	95.34
80.0-81.0	4.7	0.5	343.7	0.14	95.48
81.0-82.0	4.1	0.4	344.1	0.12	95.60
82.0-83.0	3.5	0.4	344.5	0.11	95.71
83.0-84.0	3.4	0.4	344.9	0.10	95.81
84.0-85.0	3.1	0.3	345.2	0.09	95.90
85.0-86.0	2.3	0.3	345.5	0.07	95.97
86.0-87.0	1.8	0.2	345.7	0.05	96.03
87.0-88.0	1.3	0.1	345.8	0.04	96.07
88.0-89.0	1.0	0.1	345.9	0.03	96.10
89.0-90.0	0.9	0.1	346.0	0.03	96.12
90.0-91.0	0.8	0.1	346.1	0.03	96.15
91.0-92.0	0.8	0.1	346.2	0.02	96.17
92.0-93.0	0.8	0.1	346.3	0.03	96.20
93.0-94.0	0.7	0.1	346.4	0.02	96.22
94.0-95.0	0.6	0.1	346.4	0.02	96.24
95.0-96.0	0.8	0.1	346.5	0.02	96.26
96.0-97.0	1.0	0.1	346.6	0.03	96.29
97.0-98.0	1.1	0.1	346.7	0.03	96.33
98.0-99.0	1.3	0.1	346.9	0.04	96.37
99.0-100.0	1.6	0.2	347.1	0.05	96.42
100.0-101.0	1.9	0.2	347.3	0.06	96.47
101.0-102.0	2.3	0.2	347.5	0.07	96.54
102.0-103.0	2.6	0.3	347.8	0.08	96.62
103.0-104.0	2.7	0.3	348.1	0.08	96.70
104.0-105.0	2.7	0.3	348.4	0.08	96.78
105.0-106.0	2.7	0.3	348.6	0.08	96.86
106.0-107.0	2.7	0.3	348.9	0.08	96.94
107.0-108.0	2.7	0.3	349.2	0.08	97.02

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 Inspector:

## Zonal Lumen (Continue 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	2.7	0.3	349.5	0.08	97.10
109.0-110.0	2.7	0.3	349.8	0.08	97.17
110.0-111.0	2.6	0.3	350.0	0.08	97.25
111.0-112.0	2.6	0.3	350.3	0.07	97.32
112.0-113.0	2.6	0.3	350.6	0.07	97.40
113.0-114.0	2.6	0.3	350.8	0.07	97.47
114.0-115.0	2.6	0.3	351.1	0.07	97.54
115.0-116.0	2.6	0.3	351.3	0.07	97.61
116.0-117.0	2.5	0.2	351.6	0.07	97.68
117.0-118.0	2.5	0.2	351.8	0.07	97.75
118.0-119.0	2.5	0.2	352.1	0.07	97.81
119.0-120.0	2.5	0.2	352.3	0.07	97.88
120.0-121.0	2.5	0.2	352.5	0.06	97.94
121.0-122.0	2.5	0.2	352.8	0.06	98.01
122.0-123.0	2.4	0.2	353.0	0.06	98.07
123.0-124.0	2.4	0.2	353.2	0.06	98.13
124.0-125.0	2.5	0.2	353.4	0.06	98.19
125.0-126.0	2.5	0.2	353.7	0.06	98.25
126.0-127.0	2.5	0.2	353.9	0.06	98.32
127.0-128.0	2.5	0.2	354.1	0.06	98.38
128.0-129.0	2.5	0.2	354.3	0.06	98.44
129.0-130.0	2.6	0.2	354.5	0.06	98.50
130.0-131.0	2.6	0.2	354.8	0.06	98.56
131.0-132.0	2.7	0.2	355.0	0.06	98.62
132.0-133.0	2.7	0.2	355.2	0.06	98.68
133.0-134.0	2.8	0.2	355.4	0.06	98.74
134.0-135.0	2.8	0.2	355.7	0.06	98.81
135.0-136.0	2.9	0.2	355.9	0.06	98.87
136.0-137.0	2.9	0.2	356.1	0.06	98.93
137.0-138.0	3.0	0.2	356.3	0.06	98.99
138.0-139.0	3.0	0.2	356.5	0.06	99.05
139.0-140.0	3.1	0.2	356.8	0.06	99.11
140.0-141.0	3.1	0.2	357.0	0.06	99.17
141.0-142.0	3.2	0.2	357.2	0.06	99.23
142.0-143.0	3.2	0.2	357.4	0.06	99.29
143.0-144.0	3.2	0.2	357.6	0.06	99.35

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector:

## Zonal Lumen (Continue 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.2	0.2	357.8	0.06	99.41
145.0-146.0	3.3	0.2	358.0	0.06	99.47
146.0-147.0	3.2	0.2	358.2	0.05	99.52
147.0-148.0	3.2	0.2	358.4	0.05	99.57
148.0-149.0	2.9	0.2	358.6	0.05	99.62
149.0-150.0	2.5	0.1	358.7	0.04	99.66
150.0-151.0	1.9	0.1	358.8	0.03	99.69
151.0-152.0	1.4	0.1	358.9	0.02	99.71
152.0-153.0	1.3	0.1	359.0	0.02	99.72
153.0-154.0	1.3	0.1	359.0	0.02	99.74
154.0-155.0	1.3	0.1	359.1	0.02	99.76
155.0-156.0	1.3	0.1	359.1	0.02	99.78
156.0-157.0	1.3	0.1	359.2	0.02	99.79
157.0-158.0	1.4	0.1	359.3	0.02	99.81
158.0-159.0	1.4	0.1	359.3	0.02	99.82
159.0-160.0	1.4	0.1	359.4	0.01	99.84
160.0-161.0	1.4	0.1	359.4	0.01	99.85
161.0-162.0	1.4	0.1	359.5	0.01	99.87
162.0-163.0	1.5	0.0	359.5	0.01	99.88
163.0-164.0	1.5	0.0	359.6	0.01	99.89
164.0-165.0	1.5	0.0	359.6	0.01	99.91
165.0-166.0	1.5	0.0	359.7	0.01	99.92
166.0-167.0	1.5	0.0	359.7	0.01	99.93
167.0-168.0	1.6	0.0	359.7	0.01	99.94
168.0-169.0	1.6	0.0	359.8	0.01	99.95
169.0-170.0	1.6	0.0	359.8	0.01	99.96
170.0-171.0	1.6	0.0	359.8	0.01	99.96
171.0-172.0	1.6	0.0	359.9	0.01	99.97
172.0-173.0	1.6	0.0	359.9	0.01	99.98
173.0-174.0	1.6	0.0	359.9	0.01	99.98
174.0-175.0	1.6	0.0	359.9	0.00	99.99
175.0-176.0	1.7	0.0	359.9	0.00	99.99
176.0-177.0	1.7	0.0	359.9	0.00	100.00
177.0-178.0	1.7	0.0	359.9	0.00	100.00
178.0-179.0	1.7	0.0	359.9	0.00	100.00
179.0-180.0	1.7	0.0	360.0	0.00	100.00

C Plane (°):0.0-360.0: 90.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.684 m [K=1.0000]  
Humidity: 65  
Inspector:



## Zonal Lumen (Continue 5)

cone flux(90°): 254.02 lm

%lum = 70.6%

%lamp = 70.6%

cone flux(120°): 318.76 lm

%lum = 88.6%

%lamp = 88.6%

## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	219.9	219.9	219.9	219.9	219.9					
G1.0	227.6	219.6	212.9	220.0	227.6					
G2.0	234.3	218.9	204.9	219.9	234.3					
G3.0	240.7	218.1	197.3	219.5	240.7					
G4.0	246.9	217.0	189.6	218.8	246.9					
G5.0	253.3	215.7	181.0	218.0	253.3					
G6.0	258.7	214.1	173.0	217.0	258.7					
G7.0	263.7	212.3	165.1	215.7	263.7					
G8.0	268.8	210.4	156.5	214.0	268.8					
G9.0	273.0	208.0	148.8	212.1	273.0					
G10.0	277.0	205.6	141.2	210.1	277.0					
G11.0	280.3	203.1	133.8	207.5	280.3					
G12.0	283.0	200.1	125.9	205.1	283.0					
G13.0	285.5	197.2	119.0	202.5	285.5					
G14.0	287.3	194.2	112.2	199.4	287.3					
G15.0	288.5	191.0	105.1	196.5	288.5					
G16.0	289.3	187.6	98.8	193.4	289.3					
G17.0	289.5	183.8	92.7	189.9	289.5					
G18.0	289.2	180.2	86.3	186.5	289.2					
G19.0	287.3	176.6	80.8	183.1	287.3					
G20.0	284.6	172.9	75.3	179.5	284.6					
G21.0	282.4	168.7	69.5	175.5	282.4					
G22.0	279.7	164.8	64.3	171.7	279.7					
G23.0	277.0	160.5	59.8	167.9	277.0					
G24.0	273.9	156.6	55.6	163.7	273.9					
G25.0	270.2	152.6	51.1	159.8	270.2					
G26.0	266.6	148.7	47.3	155.9	266.6					
G27.0	262.8	144.3	43.6	151.7	262.8					
G28.0	258.8	140.3	39.8	147.8	258.8					
G29.0	254.6	136.3	36.4	143.9	254.6					
G30.0	250.5	132.2	33.1	139.9	250.5					
G31.0	245.9	127.7	30.1	135.5	245.9					
G32.0	241.7	123.7	26.8	131.3	241.7					
G33.0	237.0	119.1	24.0	127.0	237.0					
G34.0	232.6	114.9	21.1	122.2	232.6					
G35.0	228.1	110.6	18.5	117.8	228.1					
G36.0	222.5	105.8	16.3	113.4	222.5					

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	216.1	101.5	14.1	108.9	216.1					
G38.0	210.0	97.2	12.2	104.1	210.0					
G39.0	204.0	92.4	10.5	99.6	204.0					
G40.0	197.3	88.1	8.7	95.2	197.3					
G41.0	191.2	83.9	7.3	90.3	191.2					
G42.0	185.2	79.7	6.0	86.0	185.2					
G43.0	179.3	75.2	4.7	81.6	179.3					
G44.0	172.4	71.2	3.5	77.5	172.4					
G45.0	165.7	66.9	2.8	72.9	165.7					
G46.0	159.0	63.0	2.2	68.9	159.0					
G47.0	151.5	59.2	1.7	64.9	151.5					
G48.0	144.9	55.6	1.3	60.8	144.9					
G49.0	138.3	51.8	1.2	57.1	138.3					
G50.0	131.8	48.3	1.1	53.5	131.8					
G51.0	125.6	44.8	1.0	49.7	125.6					
G52.0	119.3	41.0	1.0	46.1	119.3					
G53.0	113.8	37.3	0.9	42.2	113.8					
G54.0	108.2	33.2	0.8	38.3	108.2					
G55.0	101.9	29.4	0.8	34.6	101.9					
G56.0	96.6	25.8	0.7	30.8	96.6					
G57.0	91.6	22.1	0.6	26.8	91.6					
G58.0	86.1	18.9	0.6	23.3	86.1					
G59.0	81.3	16.1	0.5	20.0	81.3					
G60.0	76.9	13.2	0.5	16.8	76.9					
G61.0	72.4	10.9	0.4	14.3	72.4					
G62.0	67.1	8.6	0.4	12.0	67.1					
G63.0	62.4	6.4	0.4	9.8	62.4					
G64.0	57.8	4.4	0.3	7.4	57.8					
G65.0	53.5	3.1	0.3	5.6	53.5					
G66.0	49.2	2.1	0.3	4.1	49.2					
G67.0	45.7	1.7	0.2	2.8	45.7					
G68.0	42.7	1.4	0.2	2.1	42.7					
G69.0	39.8	1.2	0.2	1.6	39.8					
G70.0	37.0	1.1	0.2	1.2	37.0					
G71.0	34.6	1.0	0.2	1.0	34.6					
G72.0	32.4	1.1	0.2	1.0	32.4					
G73.0	30.2	1.1	0.1	1.0	30.2					

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	28.7	1.2	0.1	1.0	28.7					
G75.0	27.4	1.4	0.1	1.1	27.4					
G76.0	25.8	1.5	0.1	2.0	25.8					
G77.0	24.2	2.0	0.1	2.7	24.2					
G78.0	22.3	4.5	0.2	0.5	22.3					
G79.0	20.4	1.3	0.2	0.5	20.4					
G80.0	18.3	1.0	0.2	0.3	18.3					
G81.0	16.2	1.0	0.2	0.2	16.2					
G82.0	14.1	0.9	0.2	0.0	14.1					
G83.0	11.8	0.8	0.2	0.0	11.8					
G84.0	9.7	2.1	0.1	2.7	9.7					
G85.0	7.6	1.2	0.1	1.4	7.6					
G86.0	5.6	1.2	0.1	1.1	5.6					
G87.0	3.6	1.3	0.1	1.2	3.6					
G88.0	1.7	1.7	0.1	0.8	1.7					
G89.0	0.0	2.7	0.2	0.7	0.0					
G90.0	0.0	2.7	0.2	0.6	0.0					
G91.0	0.0	2.8	0.2	0.4	0.0					
G92.0	0.0	2.8	0.2	0.2	0.0					
G93.0	0.0	2.6	0.2	0.5	0.0					
G94.0	0.0	1.2	0.3	1.1	0.0					
G95.0	0.1	0.9	0.3	1.3	0.1					
G96.0	0.2	1.3	0.4	1.6	0.2					
G97.0	0.3	1.5	0.5	2.0	0.3					
G98.0	0.3	1.8	0.5	2.4	0.3					
G99.0	0.4	2.1	0.5	2.7	0.4					
G100.0	0.4	2.8	0.6	3.0	0.4					
G101.0	0.5	4.1	0.6	3.4	0.5					
G102.0	0.5	5.2	0.7	3.5	0.5					
G103.0	0.6	5.8	0.7	3.6	0.6					
G104.0	0.6	5.9	0.7	3.7	0.6					
G105.0	0.6	5.9	0.8	3.7	0.6					
G106.0	0.6	5.8	0.8	3.7	0.6					
G107.0	0.7	5.7	0.9	3.6	0.7					
G108.0	0.7	5.6	0.9	3.5	0.7					
G109.0	0.7	5.5	0.9	3.5	0.7					
G110.0	0.8	5.4	1.0	3.4	0.8					

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.8	5.3	1.0	3.4	0.8					
G112.0	0.8	5.2	1.1	3.3	0.8					
G113.0	0.9	5.2	1.1	3.3	0.9					
G114.0	0.9	5.1	1.1	3.2	0.9					
G115.0	0.9	5.0	1.2	3.1	0.9					
G116.0	1.0	4.9	1.2	3.1	1.0					
G117.0	1.0	4.8	1.3	3.0	1.0					
G118.0	1.0	4.7	1.3	3.0	1.0					
G119.0	1.1	4.6	1.4	2.9	1.1					
G120.0	1.1	4.5	1.4	2.9	1.1					
G121.0	1.1	4.4	1.4	2.8	1.1					
G122.0	1.2	4.3	1.5	2.8	1.2					
G123.0	1.2	4.3	1.5	2.8	1.2					
G124.0	1.2	4.2	1.6	2.8	1.2					
G125.0	1.3	4.2	1.6	2.8	1.3					
G126.0	1.3	4.1	1.7	2.8	1.3					
G127.0	1.3	4.1	1.8	2.8	1.3					
G128.0	1.4	4.1	1.8	2.8	1.4					
G129.0	1.4	4.2	1.9	2.9	1.4					
G130.0	1.4	4.2	1.9	2.9	1.4					
G131.0	1.5	4.2	2.0	3.0	1.5					
G132.0	1.5	4.3	2.0	3.1	1.5					
G133.0	1.5	4.4	2.1	3.1	1.5					
G134.0	1.5	4.4	2.1	3.2	1.5					
G135.0	1.6	4.5	2.1	3.3	1.6					
G136.0	1.6	4.6	2.2	3.3	1.6					
G137.0	1.6	4.7	2.2	3.4	1.6					
G138.0	1.7	4.7	2.2	3.4	1.7					
G139.0	1.7	4.8	2.3	3.5	1.7					
G140.0	1.8	4.8	2.3	3.5	1.8					
G141.0	1.8	4.9	2.3	3.6	1.8					
G142.0	1.9	4.9	2.4	3.6	1.9					
G143.0	1.9	4.9	2.4	3.7	1.9					
G144.0	2.0	4.9	2.4	3.7	2.0					
G145.0	2.1	4.9	2.3	3.7	2.1					
G146.0	2.1	4.9	2.3	3.8	2.1					
G147.0	2.2	4.9	2.3	3.5	2.2					

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	2.2	4.8	2.3	3.2	2.2					
G149.0	2.0	4.6	2.0	2.5	2.0					
G150.0	1.8	4.2	1.7	1.2	1.8					
G151.0	0.8	3.0	1.7	1.2	0.8					
G152.0	0.8	1.3	1.7	1.2	0.8					
G153.0	0.8	1.3	1.7	1.2	0.8					
G154.0	0.8	1.3	1.7	1.2	0.8					
G155.0	0.9	1.3	1.8	1.2	0.9					
G156.0	0.9	1.4	1.8	1.3	0.9					
G157.0	0.9	1.4	1.8	1.3	0.9					
G158.0	1.0	1.4	1.8	1.3	1.0					
G159.0	1.0	1.4	1.8	1.3	1.0					
G160.0	1.0	1.4	1.8	1.4	1.0					
G161.0	1.1	1.5	1.8	1.4	1.1					
G162.0	1.1	1.5	1.8	1.4	1.1					
G163.0	1.2	1.5	1.8	1.4	1.2					
G164.0	1.2	1.5	1.8	1.5	1.2					
G165.0	1.2	1.5	1.8	1.5	1.2					
G166.0	1.3	1.5	1.8	1.5	1.3					
G167.0	1.3	1.6	1.8	1.5	1.3					
G168.0	1.3	1.6	1.8	1.5	1.3					
G169.0	1.4	1.6	1.8	1.6	1.4					
G170.0	1.4	1.6	1.8	1.6	1.4					
G171.0	1.4	1.6	1.8	1.6	1.4					
G172.0	1.5	1.6	1.8	1.6	1.5					
G173.0	1.5	1.6	1.8	1.6	1.5					
G174.0	1.5	1.6	1.8	1.6	1.5					
G175.0	1.6	1.6	1.8	1.6	1.6					
G176.0	1.6	1.6	1.8	1.6	1.6					
G177.0	1.6	1.6	1.8	1.6	1.6					
G178.0	1.6	1.6	1.7	1.6	1.6					
G179.0	1.7	1.6	1.7	1.7	1.7					
G180.0	1.7	1.6	1.7	1.7	1.7					

C Plane (°):0.0-360.0: 90.0  
 Test Lab: Inventfine instruments  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.684 m [K=1.0000]  
 Humidity: 65  
 Inspector: