

Report No.: TH-4107A

Test Time: 2023/3/7 16:05

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Luminaire Description: UN-DMX-DC210-5050RGBW-36D6H-18-940-W16-T302-UD-全亮

Lamp Catalog:

Lamp Description:

Number of Lamps:

Lumens per Lamp:

Luminous Length (mm): 1000

Luminous Width (mm): 16

Luminous Height (mm):

Voltage: 24.0 V

Current: 0.744 A

Power: 17.85 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 781.3 lm

Measurement Flux: 781.3 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(50%): H48.8

Vertical Diffuse Angle(50%): V42.2

Luminaire Efficacy Rating (LER): 43.82

C0r0 Intensity: 930.98 cd

Max. Intensity: 990.02 cd

Pos of Max. Intensity: H150 V9

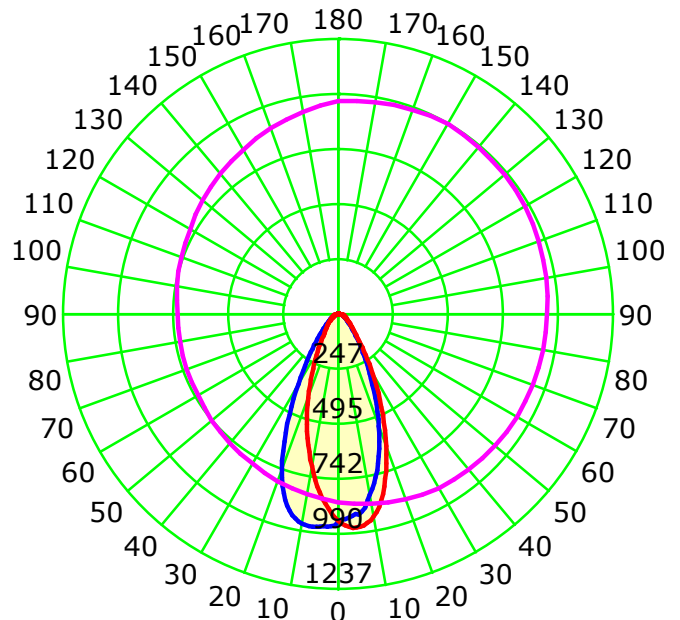
S/MH(C0/C180): 0.80

S/MH(C90/C270): 0.69

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 45.0°

— C0-C180 — C90-C270 — G9 —

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Inventfine instrument

Test Device: GPM-1800B

Test Type: TYPE C

Distance: 8.607 m [K=1.0000]

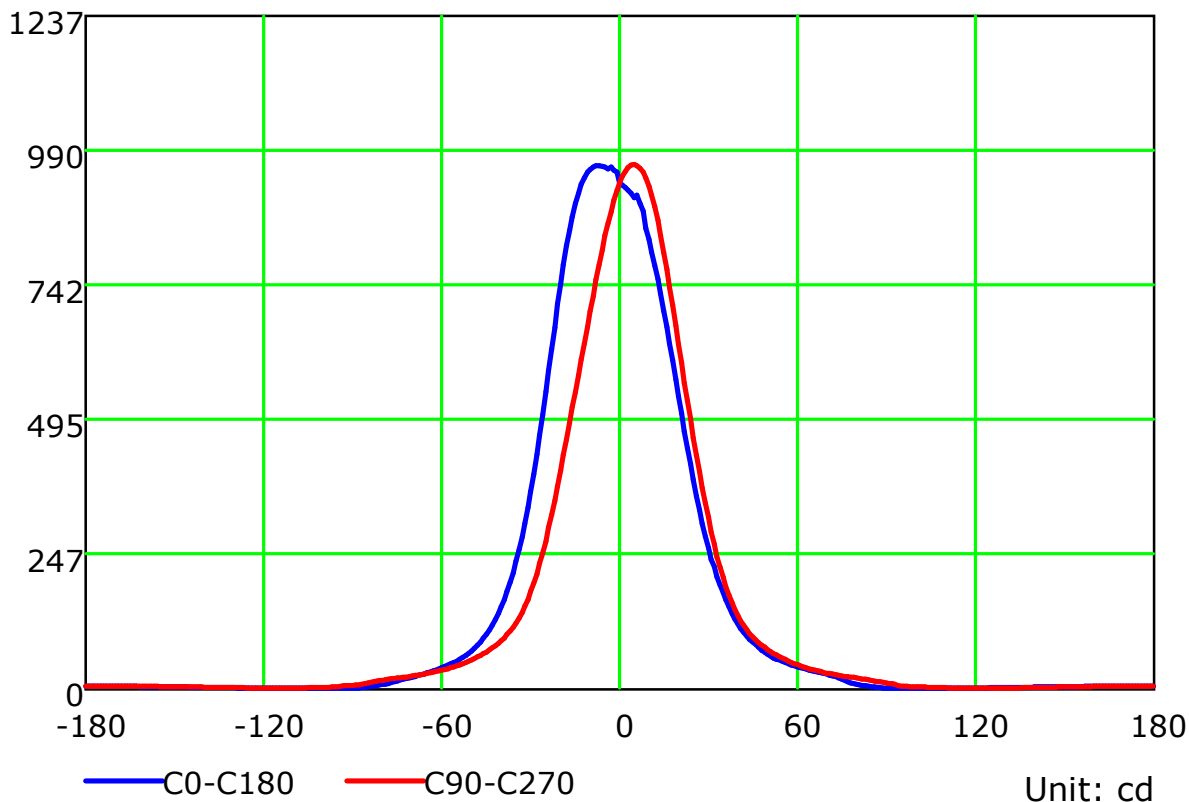
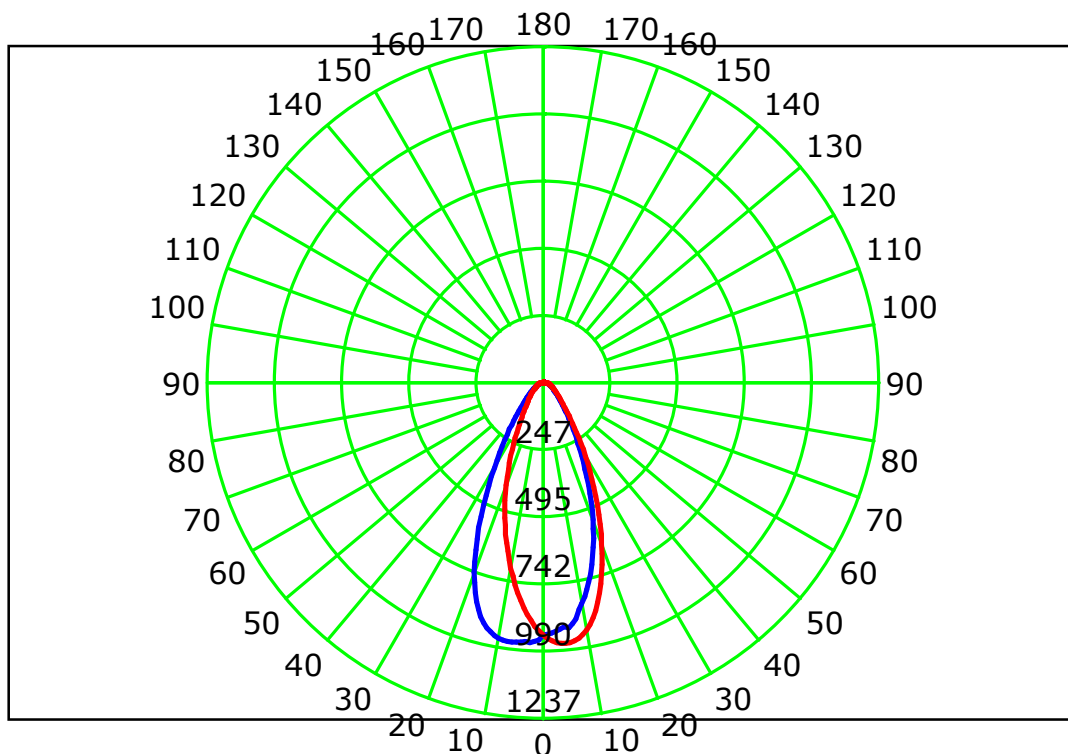
Temperature: 26

Humidity: 65

Operator: Jacky

Inspector:

Luminous Intensity Distribution Curve



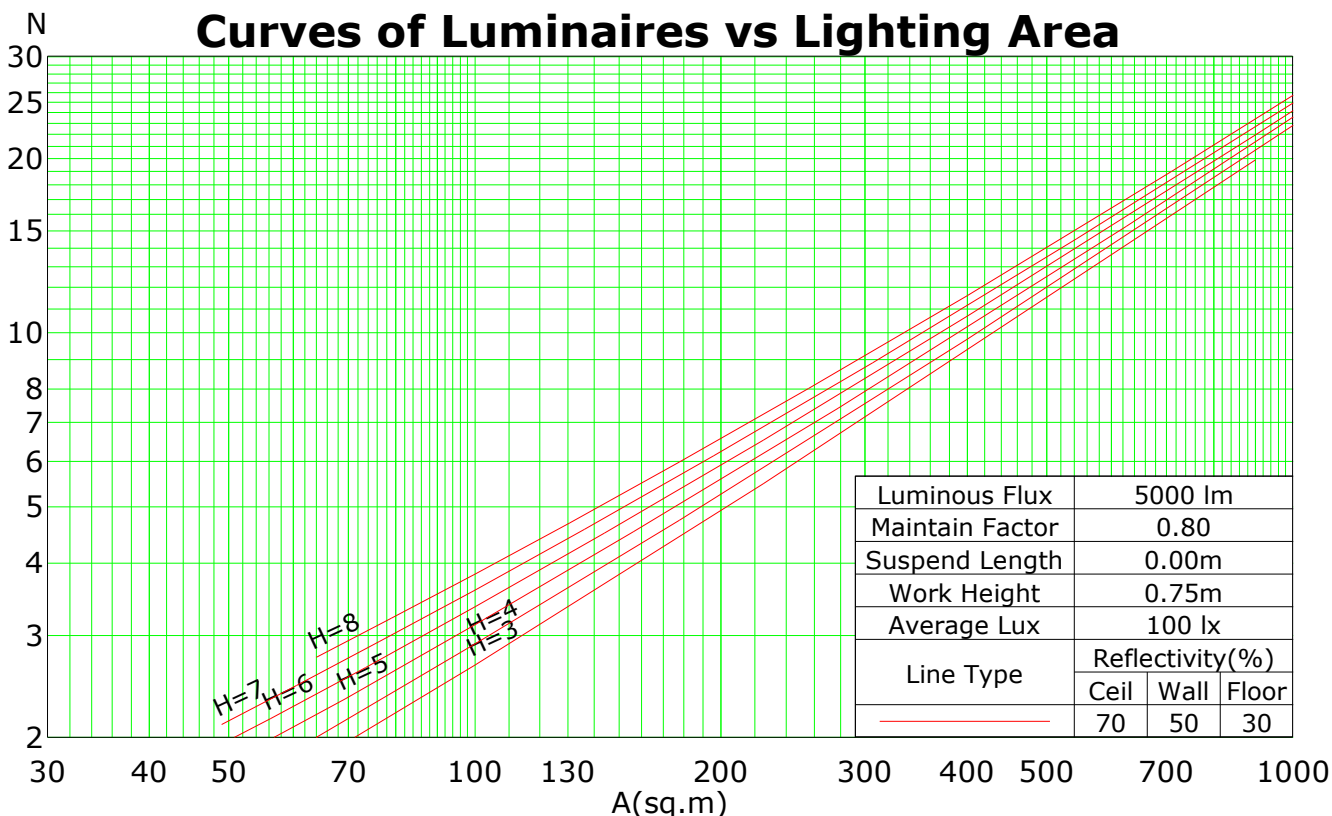
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Test Type: TYPE C
Temperature: 26
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	0.99
1	1.11	1.08	1.05	1.02	1.09	1.06	1.03	1.00	1.01	0.99	0.97	0.97	0.95	0.94	0.94	0.92	0.91	0.89
2	1.05	0.99	0.94	0.90	1.02	0.97	0.92	0.89	0.93	0.90	0.86	0.90	0.87	0.84	0.87	0.85	0.82	0.81
3	0.99	0.91	0.85	0.80	0.96	0.89	0.84	0.80	0.86	0.82	0.78	0.84	0.80	0.77	0.81	0.78	0.75	0.73
4	0.93	0.84	0.78	0.73	0.91	0.83	0.77	0.72	0.80	0.75	0.71	0.78	0.74	0.70	0.76	0.72	0.69	0.68
5	0.88	0.78	0.72	0.67	0.86	0.77	0.71	0.66	0.75	0.70	0.66	0.73	0.69	0.65	0.71	0.67	0.64	0.62
6	0.83	0.73	0.66	0.62	0.81	0.72	0.66	0.61	0.70	0.65	0.61	0.69	0.64	0.60	0.67	0.63	0.60	0.58
7	0.79	0.68	0.62	0.57	0.77	0.68	0.61	0.57	0.66	0.61	0.56	0.65	0.60	0.56	0.64	0.59	0.56	0.54
8	0.75	0.64	0.58	0.53	0.73	0.64	0.57	0.53	0.62	0.57	0.53	0.61	0.56	0.53	0.60	0.56	0.52	0.51
9	0.71	0.61	0.54	0.50	0.70	0.60	0.54	0.50	0.59	0.54	0.50	0.58	0.53	0.49	0.57	0.52	0.49	0.48
10	0.68	0.57	0.51	0.47	0.67	0.57	0.51	0.47	0.56	0.51	0.47	0.55	0.50	0.47	0.54	0.50	0.46	0.45

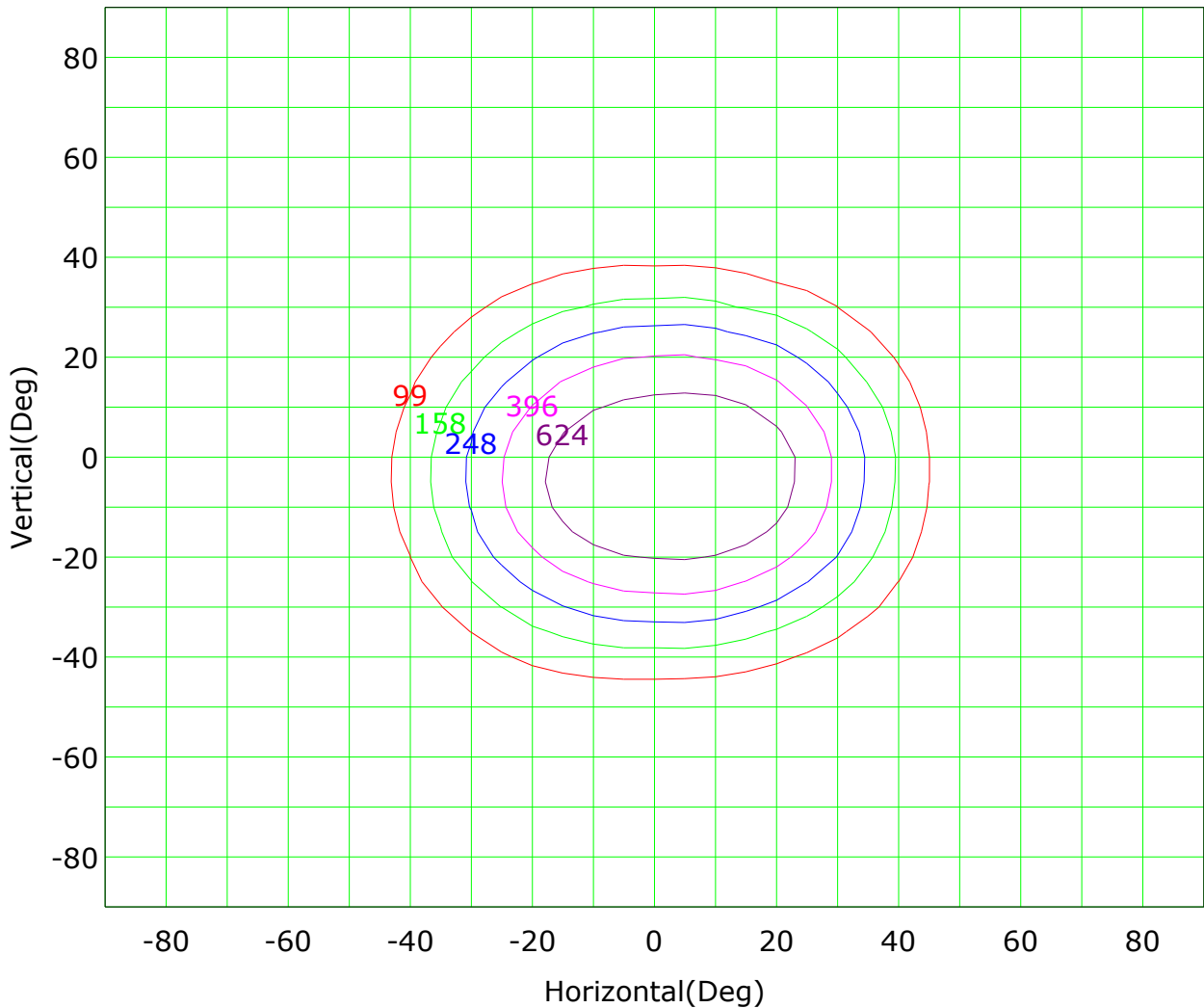
Spacing Criteria (0-180): 0.80
 Spacing Criteria (90-270): 0.69
 Spacing Criteria (Diagonal): 0.75



C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Isocandela (rectangle)



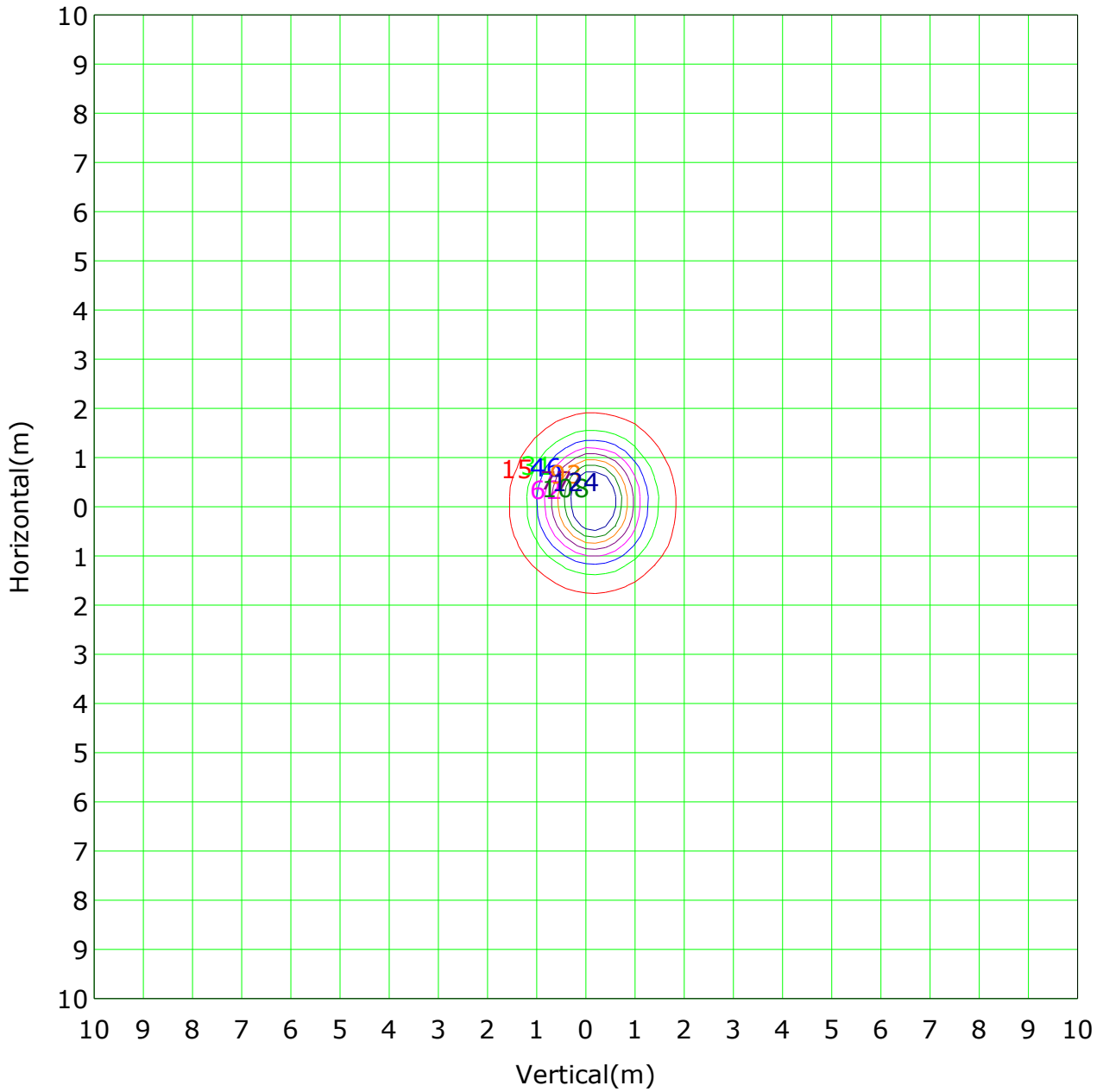
Imax (100%): 990 cd

— (10%):	99 cd	— (16%):	158 cd
— (25%):	248 cd	— (40%):	396 cd
— (63%):	624 cd	— (100%):	990 cd

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

IsoLux Plot



Mounting Height: 2.5m		Max Lux(100%): 154.6 lx	
— (10%): 15.5 lx	— (20%): 30.9 lx	— (40%): 61.8 lx	— (80%): 123.7 lx
— (30%): 46.4 lx	— (50%): 77.3 lx	— (60%): 92.8 lx	
— (70%): 108.2 lx			

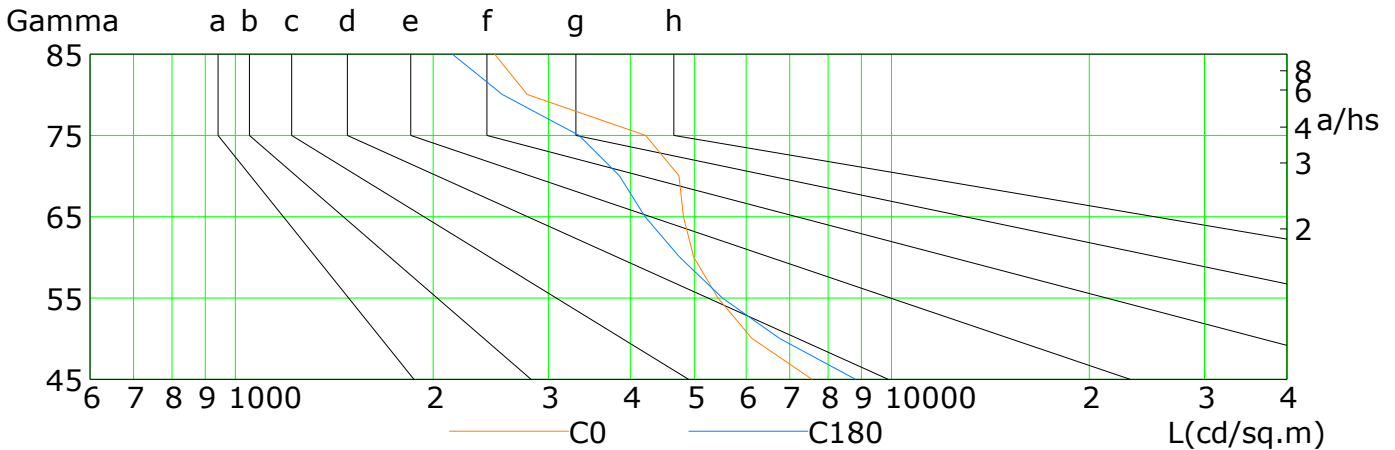
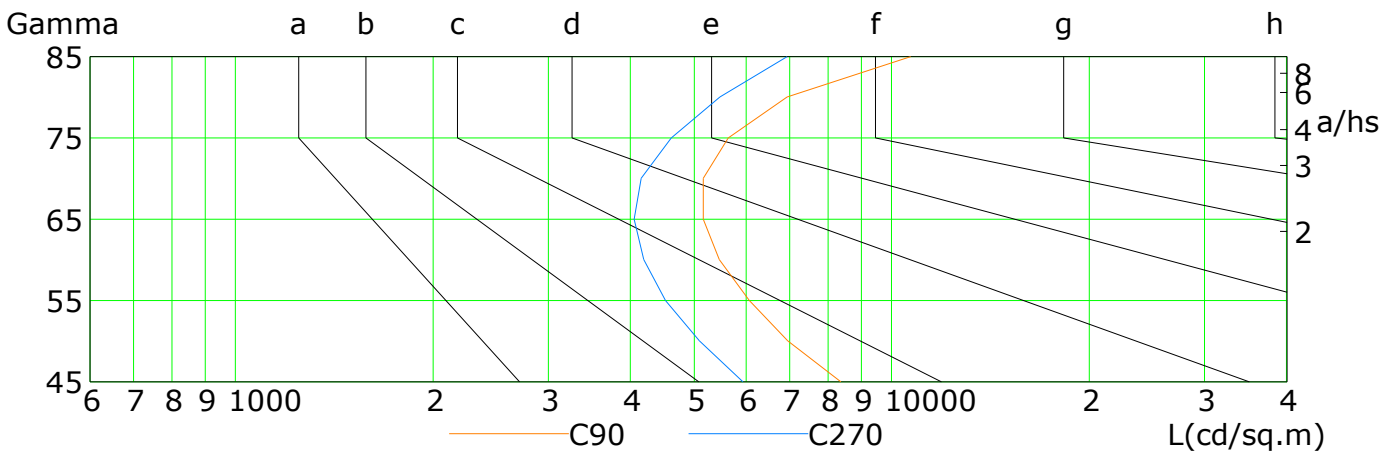
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Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

a b c d e f g h

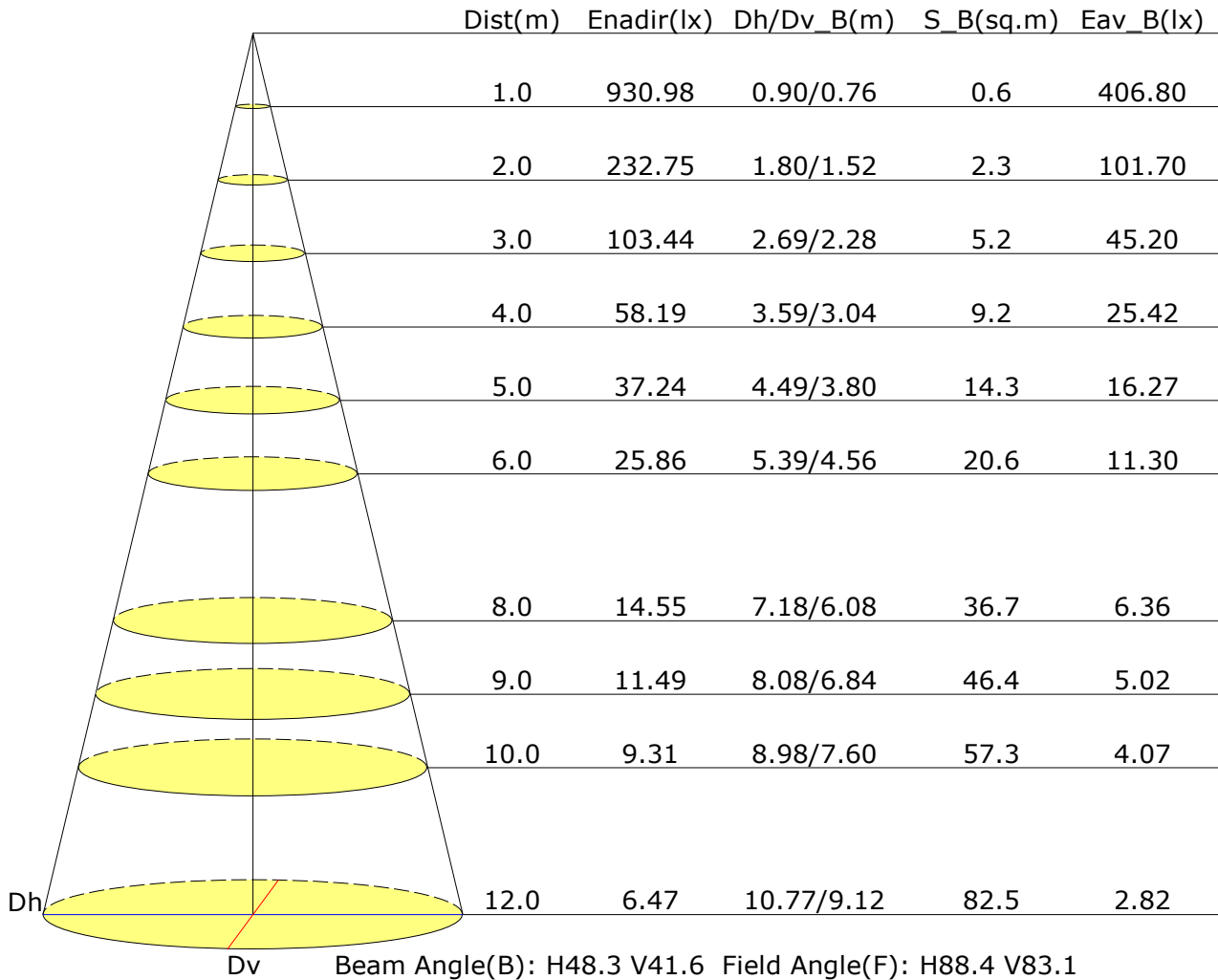


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	7574	6123	5435	4995	4820	4742	4221	2782	2485
C90	8377	6947	6066	5467	5161	5166	5635	6933	10692
C180	8817	6753	5519	4753	4210	3846	3343	2552	2142
C270	5931	5098	4526	4189	4049	4152	4618	5479	6936

C Plane (°):0.0-360.0: 30.0
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

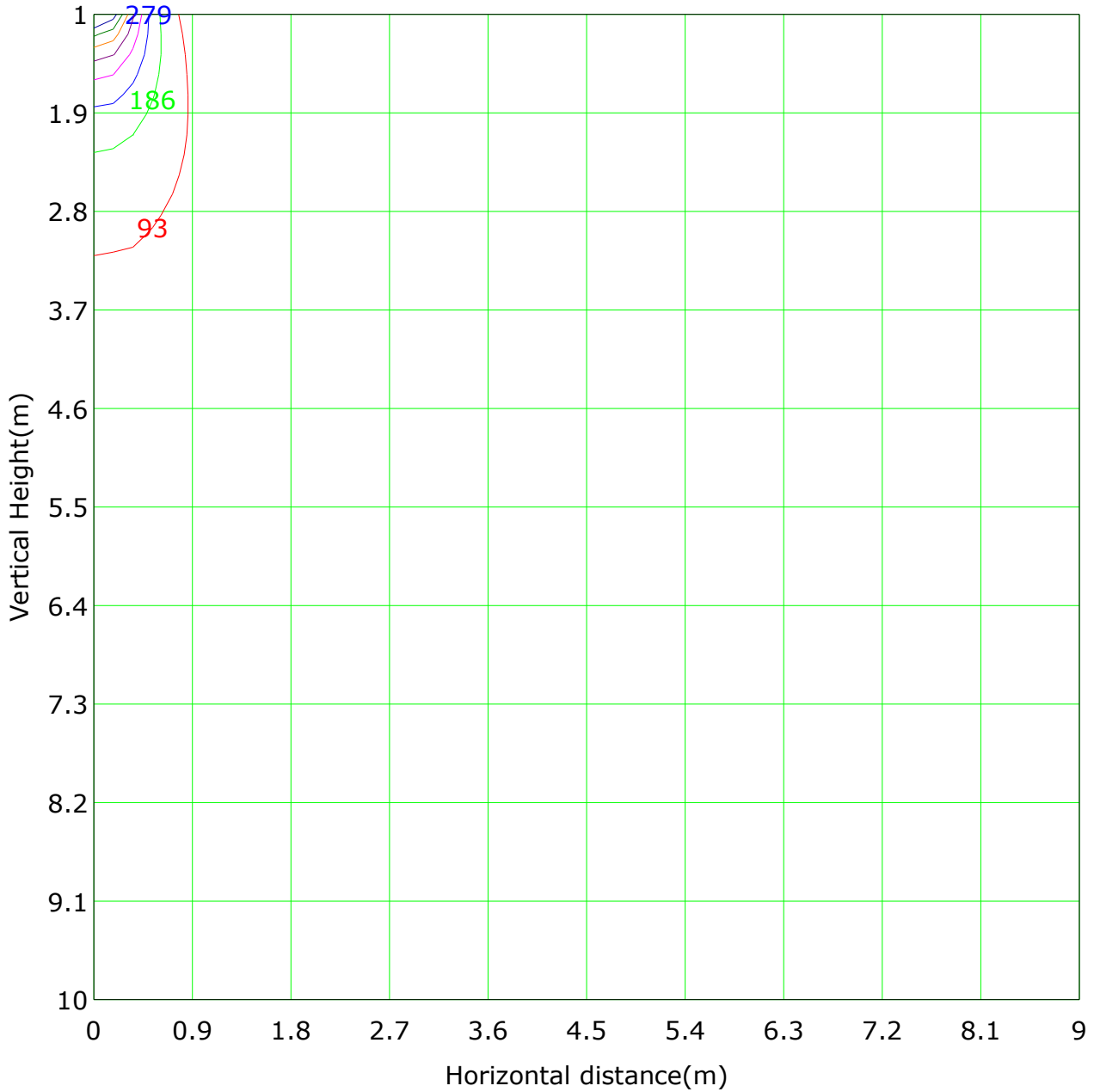
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Vertical IsoLux Plot

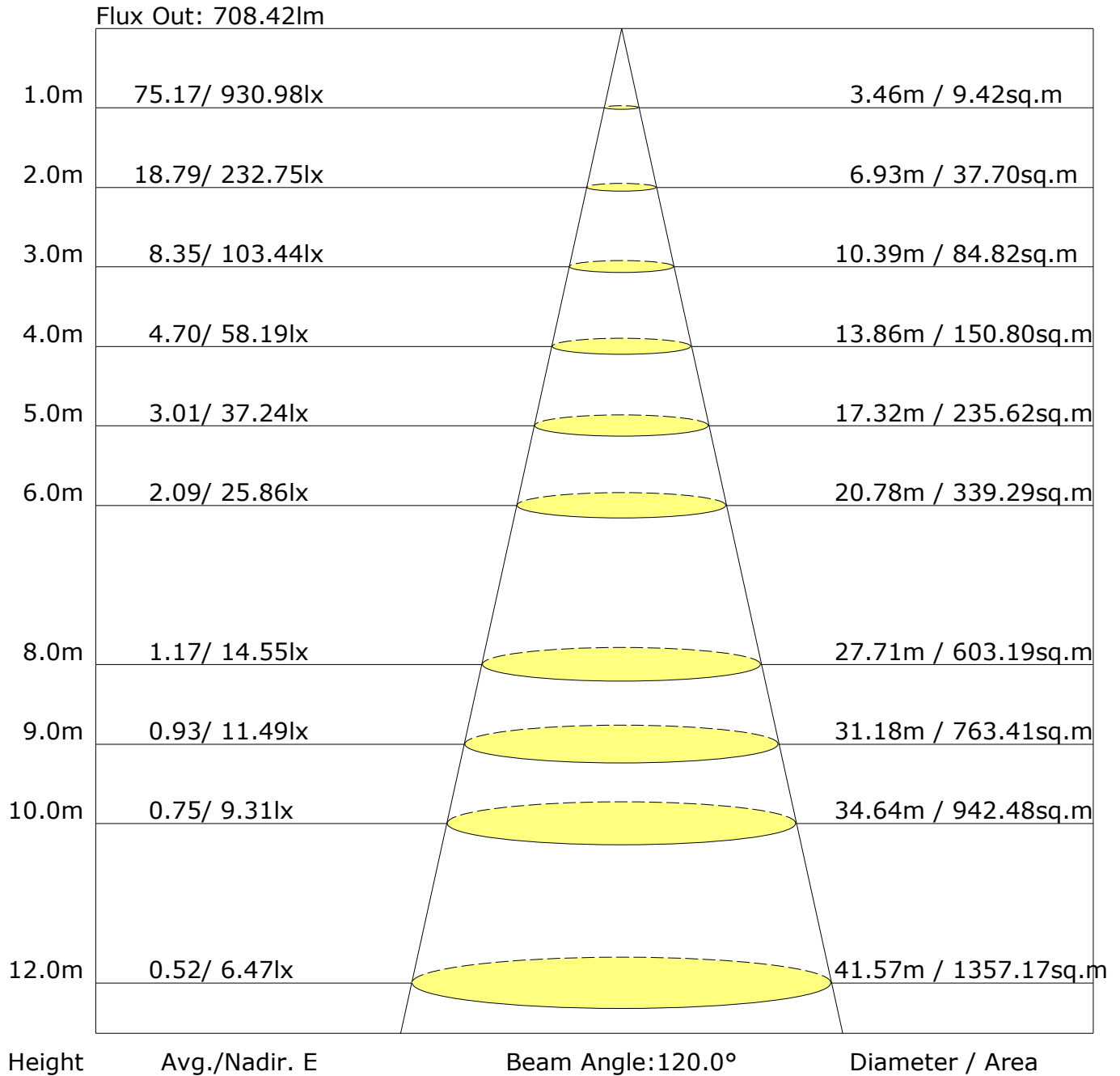


Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 931.0 lx
— (10%): 93.1 lx	— (20%): 186.2 lx	
— (30%): 279.3 lx	— (40%): 372.4 lx	
— (50%): 465.5 lx	— (60%): 558.6 lx	
— (70%): 651.7 lx	— (80%): 744.8 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
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Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

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	15.8	16.8	16.1	17.0	17.3	15.8	16.8	16.1	17.1	17.3
3H	17.0	17.9	17.3	18.2	18.5	17.0	17.9	17.3	18.2	18.5
4H	17.6	18.4	17.9	18.7	19.0	17.7	18.5	18.0	18.8	19.1
6H	17.9	18.6	18.2	19.0	19.3	18.5	19.3	18.9	19.6	19.9
8H	17.9	18.7	18.3	19.0	19.4	18.9	19.7	19.3	20.0	20.3
12H	18.0	18.7	18.4	19.1	19.4	19.4	20.1	19.7	20.4	20.8
X=4H Y=2H	16.3	17.1	16.6	17.4	17.7	16.3	17.1	16.6	17.4	17.7
3H	17.7	18.4	18.1	18.8	19.1	17.7	18.4	18.1	18.8	19.1
4H	18.5	19.1	18.9	19.5	19.9	18.6	19.3	19.0	19.6	20.0
6H	19.0	19.5	19.4	19.9	20.4	19.6	20.2	20.1	20.6	21.0
8H	19.1	19.7	19.6	20.1	20.5	20.2	20.7	20.6	21.1	21.6
12H	19.3	19.7	19.7	20.2	20.7	20.7	21.2	21.2	21.7	22.1
X=8H Y=4H	18.9	19.4	19.3	19.8	20.2	19.0	19.5	19.4	19.9	20.4
6H	19.7	20.1	20.2	20.6	21.0	20.3	20.7	20.7	21.2	21.6
8H	20.1	20.4	20.6	20.9	21.4	21.0	21.4	21.5	21.8	22.3
12H	20.4	20.7	20.9	21.2	21.8	21.7	22.1	22.3	22.6	23.1
X=12H Y=4H	18.9	19.4	19.4	19.9	20.3	19.1	19.5	19.5	20.0	20.4
6H	19.9	20.3	20.4	20.7	21.2	20.4	20.8	20.9	21.3	21.8
8H	20.4	20.7	20.9	21.2	21.8	21.2	21.6	21.7	22.1	22.6
Variations with the observer position at spacings:										
S=1.0H	+0.4/-0.4					+0.4/-0.4				
S=1.5H	+1.0/-0.8					+0.5/-0.8				
S=2.0H	+1.7/-1.2					+0.5/-1.2				

Calculate in accordance with CIE Pub.117. The table is revised with 781lm ($8\log(F/F_0) = -0.9$).

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	931.2	0.9	0.9	0.11	0.11
1.0-2.0	929.9	2.7	3.6	0.34	0.46
2.0-3.0	926.5	4.4	8.0	0.57	1.02
3.0-4.0	922.2	6.2	14.2	0.79	1.81
4.0-5.0	916.9	7.9	22.1	1.01	2.82
5.0-6.0	910.2	9.6	31.6	1.22	4.05
6.0-7.0	900.6	11.2	42.8	1.43	5.48
7.0-8.0	888.7	12.7	55.5	1.63	7.11
8.0-9.0	874.3	14.2	69.7	1.81	8.92
9.0-10.0	857.7	15.5	85.2	1.99	10.91
10.0-11.0	839.6	16.8	102.0	2.15	13.06
11.0-12.0	818.6	17.9	119.9	2.29	15.35
12.0-13.0	795.4	18.9	138.8	2.42	17.76
13.0-14.0	771.3	19.7	158.5	2.53	20.29
14.0-15.0	745.6	20.5	179.0	2.62	22.91
15.0-16.0	718.1	21.0	200.0	2.69	25.60
16.0-17.0	689.1	21.5	221.5	2.75	28.35
17.0-18.0	658.5	21.7	243.2	2.78	31.13
18.0-19.0	626.5	21.8	265.0	2.79	33.92
19.0-20.0	594.2	21.7	286.8	2.78	36.70
20.0-21.0	562.3	21.6	308.3	2.76	39.47
21.0-22.0	530.2	21.3	329.7	2.73	42.20
22.0-23.0	497.5	20.9	350.5	2.67	44.87
23.0-24.0	465.5	20.4	370.9	2.61	47.47
24.0-25.0	434.0	19.7	390.6	2.53	50.00
25.0-26.0	403.2	19.0	409.7	2.44	52.44
26.0-27.0	373.7	18.3	428.0	2.34	54.78
27.0-28.0	345.1	17.5	445.4	2.24	57.01
28.0-29.0	317.9	16.6	462.1	2.13	59.14
29.0-30.0	292.9	15.8	477.9	2.02	61.17
30.0-31.0	269.4	15.0	492.9	1.92	63.09
31.0-32.0	247.6	14.2	507.1	1.82	64.90
32.0-33.0	227.8	13.4	520.5	1.72	66.62
33.0-34.0	209.4	12.7	533.2	1.62	68.24
34.0-35.0	192.5	12.0	545.1	1.53	69.77
35.0-36.0	177.3	11.3	556.4	1.44	71.22

C Plane (°):0.0-360.0: 30.0
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Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	163.3	10.7	567.1	1.36	72.58
37.0-38.0	150.5	10.1	577.1	1.29	73.87
38.0-39.0	139.2	9.5	586.6	1.22	75.08
39.0-40.0	128.9	9.0	595.6	1.15	76.23
40.0-41.0	119.5	8.5	604.1	1.09	77.32
41.0-42.0	110.9	8.1	612.2	1.03	78.35
42.0-43.0	103.3	7.7	619.8	0.98	79.33
43.0-44.0	96.4	7.3	627.1	0.93	80.27
44.0-45.0	90.1	6.9	634.0	0.89	81.15
45.0-46.0	84.6	6.6	640.6	0.85	82.00
46.0-47.0	79.4	6.3	646.9	0.81	82.81
47.0-48.0	74.5	6.0	653.0	0.77	83.58
48.0-49.0	70.0	5.8	658.7	0.74	84.31
49.0-50.0	66.0	5.5	664.2	0.70	85.02
50.0-51.0	62.2	5.3	669.5	0.67	85.69
51.0-52.0	58.8	5.0	674.5	0.65	86.34
52.0-53.0	55.6	4.8	679.4	0.62	86.96
53.0-54.0	52.8	4.7	684.0	0.60	87.55
54.0-55.0	50.1	4.5	688.5	0.57	88.12
55.0-56.0	47.5	4.3	692.8	0.55	88.67
56.0-57.0	45.2	4.1	696.9	0.53	89.20
57.0-58.0	43.0	4.0	700.9	0.51	89.71
58.0-59.0	41.0	3.8	704.7	0.49	90.20
59.0-60.0	39.0	3.7	708.4	0.47	90.68
60.0-61.0	37.2	3.6	712.0	0.45	91.13
61.0-62.0	35.5	3.4	715.4	0.44	91.57
62.0-63.0	34.0	3.3	718.7	0.42	91.99
63.0-64.0	32.4	3.2	721.9	0.41	92.40
64.0-65.0	31.0	3.1	725.0	0.39	92.79
65.0-66.0	29.6	3.0	727.9	0.38	93.17
66.0-67.0	28.3	2.8	730.8	0.36	93.54
67.0-68.0	27.1	2.7	733.5	0.35	93.89
68.0-69.0	26.0	2.6	736.2	0.34	94.23
69.0-70.0	24.8	2.6	738.7	0.33	94.55
70.0-71.0	23.8	2.5	741.2	0.31	94.87
71.0-72.0	22.8	2.4	743.5	0.30	95.17

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
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Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	21.8	2.3	745.8	0.29	95.46
73.0-74.0	20.8	2.2	748.0	0.28	95.74
74.0-75.0	19.8	2.1	750.1	0.27	96.01
75.0-76.0	18.8	2.0	752.1	0.25	96.26
76.0-77.0	17.7	1.9	754.0	0.24	96.51
77.0-78.0	16.8	1.8	755.8	0.23	96.74
78.0-79.0	15.9	1.7	757.5	0.22	96.95
79.0-80.0	15.0	1.6	759.1	0.21	97.16
80.0-81.0	14.2	1.5	760.6	0.20	97.36
81.0-82.0	13.4	1.5	762.1	0.19	97.54
82.0-83.0	12.6	1.4	763.4	0.17	97.72
83.0-84.0	11.7	1.3	764.7	0.16	97.88
84.0-85.0	10.9	1.2	765.9	0.15	98.03
85.0-86.0	10.0	1.1	767.0	0.14	98.18
86.0-87.0	9.1	1.0	768.0	0.13	98.30
87.0-88.0	8.2	0.9	768.9	0.12	98.42
88.0-89.0	7.3	0.8	769.7	0.10	98.52
89.0-90.0	6.4	0.7	770.4	0.09	98.61
90.0-91.0	5.6	0.6	771.0	0.08	98.69
91.0-92.0	4.8	0.5	771.6	0.07	98.76
92.0-93.0	4.0	0.4	772.0	0.06	98.81
93.0-94.0	3.3	0.4	772.4	0.05	98.86
94.0-95.0	2.7	0.3	772.6	0.04	98.90
95.0-96.0	2.3	0.2	772.9	0.03	98.93
96.0-97.0	2.0	0.2	773.1	0.03	98.96
97.0-98.0	1.7	0.2	773.3	0.02	98.98
98.0-99.0	1.5	0.2	773.5	0.02	99.00
99.0-100.0	1.3	0.1	773.6	0.02	99.02
100.0-101.0	1.1	0.1	773.7	0.02	99.03
101.0-102.0	1.0	0.1	773.8	0.01	99.05
102.0-103.0	0.9	0.1	773.9	0.01	99.06
103.0-104.0	0.8	0.1	774.0	0.01	99.07
104.0-105.0	0.7	0.1	774.1	0.01	99.08
105.0-106.0	0.6	0.1	774.1	0.01	99.09
106.0-107.0	0.5	0.1	774.2	0.01	99.09
107.0-108.0	0.4	0.0	774.2	0.01	99.10

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.4	0.0	774.3	0.00	99.11
109.0-110.0	0.3	0.0	774.3	0.00	99.11
110.0-111.0	0.3	0.0	774.3	0.00	99.11
111.0-112.0	0.3	0.0	774.4	0.00	99.12
112.0-113.0	0.2	0.0	774.4	0.00	99.12
113.0-114.0	0.3	0.0	774.4	0.00	99.12
114.0-115.0	0.3	0.0	774.5	0.00	99.13
115.0-116.0	0.3	0.0	774.5	0.00	99.13
116.0-117.0	0.4	0.0	774.5	0.00	99.14
117.0-118.0	0.4	0.0	774.6	0.01	99.14
118.0-119.0	0.5	0.1	774.6	0.01	99.15
119.0-120.0	0.5	0.1	774.7	0.01	99.16
120.0-121.0	0.6	0.1	774.7	0.01	99.16
121.0-122.0	0.7	0.1	774.8	0.01	99.17
122.0-123.0	0.8	0.1	774.9	0.01	99.18
123.0-124.0	0.8	0.1	774.9	0.01	99.19
124.0-125.0	0.9	0.1	775.0	0.01	99.20
125.0-126.0	1.0	0.1	775.1	0.01	99.21
126.0-127.0	1.0	0.1	775.2	0.01	99.22
127.0-128.0	1.1	0.1	775.3	0.01	99.23
128.0-129.0	1.1	0.1	775.4	0.01	99.25
129.0-130.0	1.2	0.1	775.5	0.01	99.26
130.0-131.0	1.3	0.1	775.6	0.01	99.27
131.0-132.0	1.4	0.1	775.7	0.01	99.29
132.0-133.0	1.4	0.1	775.8	0.01	99.30
133.0-134.0	1.5	0.1	775.9	0.02	99.32
134.0-135.0	1.6	0.1	776.1	0.02	99.33
135.0-136.0	1.7	0.1	776.2	0.02	99.35
136.0-137.0	1.8	0.1	776.3	0.02	99.37
137.0-138.0	1.8	0.1	776.5	0.02	99.39
138.0-139.0	1.9	0.1	776.6	0.02	99.40
139.0-140.0	2.0	0.1	776.8	0.02	99.42
140.0-141.0	2.1	0.1	776.9	0.02	99.44
141.0-142.0	2.2	0.1	777.0	0.02	99.46
142.0-143.0	2.3	0.2	777.2	0.02	99.48
143.0-144.0	2.4	0.2	777.4	0.02	99.50

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.4	0.2	777.5	0.02	99.52
145.0-146.0	2.5	0.2	777.7	0.02	99.54
146.0-147.0	2.6	0.2	777.8	0.02	99.56
147.0-148.0	2.7	0.2	778.0	0.02	99.58
148.0-149.0	2.8	0.2	778.1	0.02	99.60
149.0-150.0	2.9	0.2	778.3	0.02	99.62
150.0-151.0	3.0	0.2	778.5	0.02	99.64
151.0-152.0	3.0	0.2	778.6	0.02	99.66
152.0-153.0	3.1	0.2	778.8	0.02	99.68
153.0-154.0	3.2	0.2	778.9	0.02	99.70
154.0-155.0	3.3	0.2	779.1	0.02	99.72
155.0-156.0	3.3	0.2	779.2	0.02	99.74
156.0-157.0	3.4	0.1	779.4	0.02	99.76
157.0-158.0	3.4	0.1	779.5	0.02	99.78
158.0-159.0	3.5	0.1	779.7	0.02	99.80
159.0-160.0	3.6	0.1	779.8	0.02	99.81
160.0-161.0	3.6	0.1	779.9	0.02	99.83
161.0-162.0	3.7	0.1	780.1	0.02	99.85
162.0-163.0	3.7	0.1	780.2	0.02	99.86
163.0-164.0	3.8	0.1	780.3	0.01	99.88
164.0-165.0	3.8	0.1	780.4	0.01	99.89
165.0-166.0	3.8	0.1	780.5	0.01	99.90
166.0-167.0	3.9	0.1	780.6	0.01	99.92
167.0-168.0	3.9	0.1	780.7	0.01	99.93
168.0-169.0	3.9	0.1	780.8	0.01	99.94
169.0-170.0	4.0	0.1	780.9	0.01	99.95
170.0-171.0	4.0	0.1	781.0	0.01	99.96
171.0-172.0	4.0	0.1	781.0	0.01	99.97
172.0-173.0	4.1	0.1	781.1	0.01	99.98
173.0-174.0	4.1	0.1	781.1	0.01	99.98
174.0-175.0	4.1	0.0	781.2	0.01	99.99
175.0-176.0	4.1	0.0	781.2	0.00	99.99
176.0-177.0	4.2	0.0	781.2	0.00	100.00
177.0-178.0	4.2	0.0	781.3	0.00	100.00
178.0-179.0	4.2	0.0	781.3	0.00	100.00
179.0-180.0	4.2	0.0	781.3	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 634.02 lm

%lum = 81.2%

%lamp = 81.2%

cone flux(120°): 708.42 lm

%lum = 90.7%

%lamp = 90.7%

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	931.0	931.0	931.0	931.0	931.0	931.0	931.0	931.0	931.0	931.0
G1.0	926.7	934.7	939.5	942.7	943.8	940.9	950.1	926.4	919.9	915.9
G2.0	922.8	922.0	947.8	951.9	955.0	950.3	954.3	921.9	906.7	898.8
G3.0	917.7	923.3	951.4	958.8	963.1	959.0	959.5	917.7	892.8	877.8
G4.0	911.1	924.3	953.9	963.9	970.6	968.5	956.9	911.9	878.7	856.5
G5.0	903.3	937.6	954.2	964.8	976.7	975.7	959.8	904.8	858.9	833.5
G6.0	908.1	933.7	951.4	962.8	979.9	982.3	961.4	894.5	838.6	806.3
G7.0	893.3	928.0	945.8	957.5	980.8	987.7	962.9	884.2	814.8	780.0
G8.0	878.6	918.2	937.5	950.0	977.9	989.0	962.1	871.8	792.3	753.1
G9.0	846.3	906.0	927.8	940.0	971.4	990.0	959.9	857.0	768.8	722.5
G10.0	826.9	890.4	915.1	924.9	962.0	986.5	955.8	842.3	742.4	694.6
G11.0	803.1	873.5	895.5	908.1	947.4	982.1	950.1	825.7	717.0	665.8
G12.0	778.9	840.9	875.5	886.6	930.3	971.8	939.5	804.0	690.6	634.1
G13.0	753.7	815.6	853.0	861.6	909.0	960.2	928.2	783.0	660.2	605.3
G14.0	726.6	791.3	824.4	833.5	886.8	945.6	911.4	760.8	632.8	577.0
G15.0	694.8	777.0	795.4	801.6	859.9	927.3	892.7	734.1	604.7	545.6
G16.0	664.9	745.1	766.0	770.9	831.9	903.9	868.4	708.3	573.2	517.5
G17.0	634.9	714.4	731.6	738.5	798.4	878.9	843.2	680.7	543.8	489.5
G18.0	603.7	671.8	700.3	705.2	766.3	851.5	814.5	648.8	514.7	458.2
G19.0	568.6	637.8	667.8	667.8	733.0	821.2	779.2	618.9	480.0	429.8
G20.0	537.6	606.0	631.8	633.1	696.2	785.4	744.6	584.3	450.4	401.8
G21.0	506.7	583.0	598.5	599.5	662.5	750.5	707.3	551.6	421.4	371.7
G22.0	473.2	547.4	565.6	562.7	628.9	714.6	664.6	518.7	392.9	345.4
G23.0	443.0	514.5	529.5	529.5	591.1	672.0	625.1	486.1	362.5	320.4
G24.0	413.2	482.0	496.4	496.8	556.5	633.0	585.7	450.5	336.3	295.9
G25.0	384.3	448.0	464.5	461.3	521.9	592.9	546.0	419.1	311.2	270.8
G26.0	354.1	418.0	433.9	430.1	484.3	553.3	503.5	388.2	288.8	249.7
G27.0	328.4	389.0	400.7	399.5	450.6	510.2	466.3	358.7	264.2	230.0
G28.0	303.3	354.6	371.2	369.8	416.9	471.5	431.0	328.3	243.2	210.0
G29.0	280.3	327.8	343.3	341.7	384.8	435.0	394.3	302.4	220.6	194.0
G30.0	259.2	300.0	317.3	315.3	354.3	400.5	362.6	278.0	202.5	178.8
G31.0	238.0	277.4	291.3	288.7	323.5	365.5	333.5	253.5	186.3	163.5
G32.0	224.4	254.6	269.3	266.2	297.6	336.2	303.8	233.0	171.2	151.2
G33.0	205.9	235.2	248.4	242.6	272.8	308.0	278.5	213.8	156.8	139.2
G34.0	190.5	217.4	227.5	223.0	247.6	279.8	255.7	194.7	144.9	129.4
G35.0	176.3	199.7	210.1	204.9	226.8	256.5	234.1	178.9	134.0	119.7
G36.0	163.4	184.7	194.3	186.5	207.5	235.0	212.6	165.0	124.7	112.0

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	150.2	170.9	178.4	171.3	188.2	213.3	194.8	152.0	116.1	105.1
G38.0	137.0	158.3	165.4	157.7	172.7	195.3	178.9	139.3	108.3	99.0
G39.0	127.3	146.8	153.7	145.5	158.7	179.2	163.2	129.0	100.7	93.0
G40.0	118.5	135.4	143.0	133.8	146.0	164.6	149.9	119.5	93.7	88.0
G41.0	109.8	125.8	132.4	124.3	133.7	150.1	138.0	110.1	88.1	83.0
G42.0	102.6	116.9	123.5	115.7	123.7	138.0	126.2	102.3	82.4	78.8
G43.0	96.1	108.4	115.8	107.4	114.7	127.3	116.4	95.1	77.6	74.8
G44.0	89.7	101.4	108.1	100.7	106.7	116.7	107.7	88.7	73.0	70.8
G45.0	85.7	95.0	101.7	94.8	98.7	107.9	99.7	82.2	69.0	67.1
G46.0	80.7	89.1	95.7	89.4	92.4	100.0	92.1	76.9	65.3	64.6
G47.0	76.0	83.0	89.6	84.1	86.7	92.1	85.8	72.1	61.5	61.2
G48.0	70.3	78.0	84.6	79.6	81.3	85.7	80.1	67.1	58.3	58.3
G49.0	66.5	73.4	79.8	75.6	75.9	79.9	74.2	63.1	55.3	55.4
G50.0	63.0	69.2	75.2	71.4	71.4	74.5	69.5	59.2	52.2	52.4
G51.0	59.8	64.9	70.7	68.0	67.4	69.7	64.8	55.8	49.6	50.1
G52.0	56.6	61.4	66.9	64.7	63.7	64.8	60.8	52.2	46.9	47.8
G53.0	53.8	58.1	63.4	61.6	59.9	60.8	57.3	49.3	44.7	45.4
G54.0	52.3	55.1	59.8	58.4	56.7	57.1	53.9	46.6	42.6	43.6
G55.0	49.9	52.1	56.8	55.7	53.8	53.5	50.6	43.7	40.5	41.5
G56.0	47.4	50.1	54.0	53.1	50.7	50.5	47.9	41.4	38.7	39.8
G57.0	45.4	47.7	51.1	50.6	48.2	47.5	45.2	39.3	36.9	38.1
G58.0	43.6	45.3	48.6	48.1	45.8	45.0	42.5	37.0	35.3	36.4
G59.0	41.8	43.2	46.4	45.8	43.4	42.2	40.2	35.1	33.7	34.9
G60.0	40.0	41.3	44.3	43.7	41.3	40.0	38.0	33.4	32.2	33.5
G61.0	38.4	39.4	42.1	41.6	39.4	37.9	35.8	31.5	31.1	32.2
G62.0	36.9	37.8	40.3	39.8	37.5	35.7	33.9	29.9	29.8	30.9
G63.0	35.5	36.2	38.7	38.0	35.6	33.8	32.0	28.4	28.5	29.7
G64.0	34.0	34.7	37.0	36.4	34.0	32.1	30.1	26.9	27.3	28.5
G65.0	32.6	33.2	35.6	34.9	32.5	30.5	28.5	25.6	26.2	27.4
G66.0	31.3	31.9	33.9	33.3	31.0	28.8	26.8	24.2	25.0	26.4
G67.0	30.0	30.6	32.6	32.0	29.6	27.3	25.1	23.0	24.0	25.4
G68.0	28.7	29.4	31.3	30.8	28.3	25.9	23.7	21.8	23.1	24.5
G69.0	27.5	28.1	30.1	29.4	27.1	24.5	22.4	20.9	22.1	23.6
G70.0	25.9	27.0	28.8	28.3	26.0	23.3	21.0	19.8	21.3	22.7
G71.0	24.7	25.9	27.8	27.2	24.8	22.1	19.7	18.9	20.5	22.0
G72.0	23.3	25.0	26.8	26.0	23.9	20.9	18.4	18.0	19.7	21.2
G73.0	21.7	23.9	25.8	25.1	22.9	19.9	17.0	17.1	18.9	20.5

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	20.0	23.0	24.9	24.2	22.0	18.9	15.4	16.3	18.0	19.8
G75.0	17.5	22.1	23.8	23.3	21.1	18.0	13.8	15.6	17.3	19.1
G76.0	14.8	21.3	23.1	22.4	20.3	17.2	12.2	14.9	16.6	18.4
G77.0	12.2	20.4	22.2	21.6	19.4	16.4	10.7	14.1	15.8	17.8
G78.0	10.0	19.6	21.4	20.8	18.8	15.5	9.3	13.5	15.1	16.9
G79.0	8.7	18.8	20.6	20.0	18.0	14.7	8.1	12.8	14.4	16.2
G80.0	7.7	18.0	19.8	19.3	17.2	14.0	7.1	12.1	13.6	15.2
G81.0	6.7	17.2	18.9	18.4	16.4	13.3	6.2	11.4	12.7	14.3
G82.0	5.8	16.5	18.2	17.4	15.7	12.7	5.2	10.7	11.9	13.2
G83.0	5.0	15.8	17.3	16.6	14.9	12.0	4.5	10.1	11.1	12.0
G84.0	4.2	15.1	16.3	15.8	14.2	11.3	3.7	9.5	10.1	10.8
G85.0	3.5	14.3	15.4	14.9	13.4	10.8	3.0	8.8	9.2	9.7
G86.0	2.7	13.6	14.4	14.0	12.5	10.1	2.4	8.1	8.1	8.7
G87.0	2.0	12.8	13.4	12.9	11.7	9.5	1.5	7.2	7.3	7.8
G88.0	1.3	12.0	12.3	12.0	10.8	8.8	1.0	6.4	6.5	7.0
G89.0	0.6	11.0	11.1	11.1	10.0	8.1	0.0	5.4	5.8	6.4
G90.0	0.0	9.7	10.1	10.1	9.2	7.3	0.0	4.3	5.2	5.8
G91.0	0.0	7.6	8.9	9.3	8.3	6.4	0.0	3.6	4.8	5.3
G92.0	0.0	4.6	8.0	8.4	7.5	4.9	0.0	2.5	4.6	5.1
G93.0	0.0	3.1	6.5	7.6	6.7	3.8	0.0	2.1	4.1	4.8
G94.0	0.0	1.9	5.4	5.7	5.4	3.3	0.0	1.6	3.1	3.6
G95.0	0.0	1.4	4.6	4.7	4.8	2.8	0.0	1.2	2.9	3.0
G96.0	0.0	1.1	3.9	4.2	4.5	2.1	0.0	0.9	2.7	2.6
G97.0	0.0	1.0	3.4	3.8	4.1	1.7	0.0	0.7	2.5	2.5
G98.0	0.0	0.9	3.0	3.4	3.6	1.5	0.0	0.0	2.3	2.3
G99.0	0.0	0.8	2.6	3.1	2.9	1.3	0.0	0.0	1.9	2.2
G100.0	0.0	0.6	2.3	2.9	2.6	0.9	0.0	0.0	1.6	2.0
G101.0	0.0	0.0	2.0	2.7	2.4	0.7	0.0	0.0	1.4	1.9
G102.0	0.0	0.0	1.9	2.5	2.1	0.6	0.0	0.0	1.2	1.8
G103.0	0.0	0.0	1.7	2.4	1.9	0.0	0.0	0.0	1.0	1.6
G104.0	0.0	0.0	1.6	2.2	1.8	0.0	0.0	0.0	0.9	1.4
G105.0	0.0	0.0	1.5	2.1	1.6	0.0	0.0	0.0	0.8	1.3
G106.0	0.0	0.0	1.4	2.0	1.4	0.0	0.0	0.0	0.6	1.1
G107.0	0.0	0.0	1.2	1.8	1.3	0.0	0.0	0.0	0.0	1.0
G108.0	0.0	0.0	1.0	1.6	1.1	0.0	0.0	0.0	0.0	0.9
G109.0	0.0	0.0	0.9	1.5	1.0	0.0	0.0	0.0	0.0	0.7
G110.0	0.0	0.0	0.7	1.3	0.8	0.0	0.0	0.0	0.0	0.7

C Plane (°):0.0-360.0: 30.0
Test Lab: Inventfine instrument
Test Type: TYPE C
Temperature: 26
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.607 m [K=1.0000]
Humidity: 65
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	0.0	0.0	0.6	1.1	0.7	0.0	0.0	0.0	0.0	0.7
G112.0	0.0	0.0	0.6	1.0	0.6	0.0	0.0	0.0	0.6	0.6
G113.0	0.0	0.0	0.0	0.9	0.6	0.0	0.0	0.0	0.0	0.6
G114.0	0.0	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.6	0.6
G115.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.5	0.7	0.7
G116.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.7	0.7
G117.0	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.6	0.7	0.7
G118.0	0.7	0.0	0.0	0.6	0.0	0.6	0.6	0.6	0.8	0.7
G119.0	0.7	0.6	0.0	0.6	0.0	0.6	0.7	0.7	0.8	0.8
G120.0	0.8	0.6	0.0	0.0	0.0	0.0	0.7	0.7	0.8	0.8
G121.0	0.8	0.7	0.0	0.0	0.6	0.6	0.7	0.7	0.9	0.8
G122.0	0.9	0.7	0.6	0.0	0.6	0.7	0.8	0.8	0.9	0.9
G123.0	1.0	0.7	0.6	0.0	0.6	0.7	0.8	0.9	1.0	1.0
G124.0	1.1	0.9	0.6	0.6	0.6	0.8	0.8	0.9	1.0	1.0
G125.0	1.2	0.9	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.1
G126.0	1.2	0.9	0.7	0.7	0.7	0.8	1.0	1.1	1.1	1.1
G127.0	1.3	1.0	0.8	0.7	0.7	0.9	1.1	1.1	1.2	1.2
G128.0	1.4	1.1	0.9	0.7	0.8	0.9	1.1	1.2	1.2	1.3
G129.0	1.4	1.1	0.9	0.8	0.8	1.0	1.2	1.2	1.3	1.4
G130.0	1.6	1.3	0.9	0.8	0.9	1.1	1.2	1.3	1.3	1.4
G131.0	1.6	1.3	1.1	0.9	0.9	1.1	1.3	1.4	1.4	1.5
G132.0	1.7	1.4	1.1	0.9	1.0	1.1	1.4	1.5	1.6	1.6
G133.0	1.8	1.5	1.2	1.0	1.1	1.3	1.4	1.5	1.6	1.7
G134.0	1.9	1.6	1.3	1.1	1.0	1.3	1.5	1.6	1.7	1.8
G135.0	1.9	1.7	1.4	1.1	1.2	1.4	1.5	1.7	1.8	1.9
G136.0	2.1	1.8	1.4	1.2	1.2	1.4	1.6	1.8	1.9	2.0
G137.0	2.1	1.9	1.6	1.3	1.3	1.6	1.7	1.8	1.9	2.1
G138.0	2.3	2.0	1.6	1.4	1.4	1.6	1.8	1.9	2.0	2.1
G139.0	2.3	2.1	1.7	1.5	1.5	1.7	1.9	2.0	2.1	2.2
G140.0	2.4	2.1	1.8	1.6	1.6	1.8	1.9	2.0	2.2	2.3
G141.0	2.5	2.2	2.0	1.7	1.6	1.9	2.0	2.2	2.3	2.4
G142.0	2.6	2.3	2.0	1.8	1.8	2.0	2.1	2.2	2.3	2.5
G143.0	2.7	2.4	2.1	1.9	1.9	2.1	2.2	2.3	2.4	2.6
G144.0	2.7	2.5	2.2	2.0	2.0	2.2	2.2	2.3	2.5	2.7
G145.0	2.9	2.6	2.3	2.1	2.1	2.3	2.3	2.4	2.6	2.8
G146.0	2.9	2.7	2.4	2.2	2.2	2.4	2.4	2.5	2.7	2.9
G147.0	3.0	2.8	2.5	2.3	2.3	2.5	2.5	2.6	2.8	2.9

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	3.0	2.8	2.7	2.4	2.4	2.6	2.5	2.6	2.6	3.0
G149.0	3.1	3.0	2.7	2.6	2.5	2.6	2.6	2.8	2.9	3.1
G150.0	3.2	3.0	2.9	2.6	2.6	2.7	2.7	2.8	3.1	3.2
G151.0	3.3	3.1	2.9	2.8	2.7	2.8	2.8	2.9	3.1	3.2
G152.0	3.3	3.2	3.1	2.9	2.8	2.9	2.8	3.0	3.2	3.4
G153.0	3.4	3.2	3.1	3.0	2.9	3.1	2.9	3.0	3.2	3.4
G154.0	3.5	3.3	3.3	3.0	3.0	3.2	3.0	3.1	3.3	3.4
G155.0	3.5	3.4	3.3	3.1	3.1	3.2	3.0	3.1	3.4	3.5
G156.0	3.5	3.4	3.4	3.2	3.2	3.3	3.1	3.3	3.4	3.5
G157.0	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.5	3.6
G158.0	3.6	3.5	3.5	3.4	3.4	3.4	3.2	3.3	3.5	3.6
G159.0	3.7	3.5	3.6	3.5	3.5	3.5	3.3	3.4	3.6	3.6
G160.0	3.7	3.6	3.6	3.6	3.5	3.6	3.4	3.4	3.6	3.7
G161.0	3.7	3.6	3.6	3.7	3.6	3.7	3.4	3.5	3.6	3.7
G162.0	3.8	3.7	3.7	3.7	3.7	3.8	3.5	3.5	3.7	3.8
G163.0	3.8	3.7	3.8	3.8	3.8	3.8	3.6	3.6	3.7	3.8
G164.0	4.2	3.7	3.8	3.8	3.8	3.9	3.6	3.6	3.6	3.8
G165.0	3.8	3.8	3.9	3.9	3.9	4.0	3.6	3.6	3.8	3.8
G166.0	3.8	3.8	3.9	3.9	4.0	4.0	3.7	3.6	3.8	3.8
G167.0	3.9	3.8	4.0	3.9	4.0	4.1	3.8	3.7	3.8	3.9
G168.0	4.0	3.9	4.0	4.0	4.1	4.1	3.8	3.8	3.8	3.8
G169.0	4.0	3.9	4.0	4.0	4.1	4.2	3.9	3.8	3.8	3.9
G170.0	4.1	3.9	4.0	4.0	4.1	4.2	4.0	3.9	3.9	3.9
G171.0	4.1	4.0	4.0	4.0	4.2	4.3	4.0	3.9	3.9	3.9
G172.0	4.2	4.0	4.0	4.0	4.2	4.3	4.1	3.9	3.9	3.9
G173.0	4.2	4.0	4.0	4.0	4.2	4.4	4.1	4.0	4.0	3.9
G174.0	4.2	4.0	4.1	4.1	4.3	4.4	4.1	4.0	3.9	4.0
G175.0	4.2	4.0	4.1	4.0	4.3	4.4	4.2	4.0	3.9	4.0
G176.0	4.2	4.1	4.1	4.0	4.3	4.4	4.2	4.1	4.0	4.0
G177.0	4.2	4.1	4.1	4.1	4.3	4.4	4.2	4.0	4.0	4.0
G178.0	4.3	4.1	4.1	4.1	4.3	4.5	4.2	4.1	4.1	4.1
G179.0	4.3	4.1	4.1	4.1	4.2	4.5	4.2	4.0	4.1	4.1
G180.0	4.2	4.1	4.1	4.1	4.1	4.5	4.3	4.1	4.1	4.1

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	931.0	931.0	931.0							
G1.0	917.0	919.8	926.7							
G2.0	899.1	908.4	922.8							
G3.0	881.2	894.8	917.7							
G4.0	860.3	879.8	911.1							
G5.0	836.4	863.7	903.3							
G6.0	811.5	843.3	908.1							
G7.0	783.1	822.6	893.3							
G8.0	756.0	801.1	878.6							
G9.0	729.3	776.5	846.3							
G10.0	698.5	750.3	826.9							
G11.0	669.4	722.8	803.1							
G12.0	640.2	693.1	778.9							
G13.0	609.0	664.4	753.7							
G14.0	580.9	636.1	726.6							
G15.0	551.5	603.8	694.8							
G16.0	520.5	574.6	664.9							
G17.0	492.5	546.1	634.9							
G18.0	462.0	514.3	603.7							
G19.0	434.7	485.5	568.6							
G20.0	407.9	456.8	537.6							
G21.0	381.6	425.6	506.7							
G22.0	353.6	398.1	473.2							
G23.0	329.1	371.3	443.0							
G24.0	305.5	345.6	413.2							
G25.0	280.8	318.3	384.3							
G26.0	259.8	294.7	354.1							
G27.0	240.5	273.0	328.4							
G28.0	220.6	250.3	303.3							
G29.0	204.1	231.5	280.3							
G30.0	188.7	213.7	259.2							
G31.0	174.8	197.5	238.0							
G32.0	160.8	181.3	224.4							
G33.0	149.2	168.1	205.9							
G34.0	139.0	156.2	190.5							
G35.0	128.8	144.2	176.3							
G36.0	120.6	134.3	163.4							

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	113.1	125.2	150.2							
G38.0	106.3	116.1	137.0							
G39.0	99.6	108.8	127.3							
G40.0	93.8	102.0	118.5							
G41.0	88.6	95.2	109.8							
G42.0	83.2	89.5	102.6							
G43.0	78.6	84.2	96.1							
G44.0	74.4	78.9	89.7							
G45.0	70.5	74.4	85.7							
G46.0	66.9	70.4	80.7							
G47.0	63.0	66.2	76.0							
G48.0	59.7	62.8	70.3							
G49.0	56.8	59.5	66.5							
G50.0	53.8	56.3	63.0							
G51.0	51.2	53.5	59.8							
G52.0	48.7	51.0	56.6							
G53.0	46.4	48.6	53.8							
G54.0	44.4	46.2	52.3							
G55.0	42.3	44.2	49.9							
G56.0	40.5	42.3	47.4							
G57.0	38.8	40.4	45.4							
G58.0	37.1	38.8	43.6							
G59.0	35.5	37.2	41.8							
G60.0	34.2	35.6	40.0							
G61.0	32.7	34.2	38.4							
G62.0	31.5	32.9	36.9							
G63.0	30.3	31.5	35.5							
G64.0	29.0	30.3	34.0							
G65.0	28.0	29.1	32.6							
G66.0	27.0	27.9	31.3							
G67.0	25.9	26.8	30.0							
G68.0	25.1	25.9	28.7							
G69.0	24.2	25.0	27.5							
G70.0	23.3	24.0	25.9							
G71.0	22.5	23.1	24.7							
G72.0	21.7	22.3	23.3							
G73.0	20.9	21.4	21.7							

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	20.1	20.7	20.0							
G75.0	19.4	20.0	17.5							
G76.0	18.6	19.3	14.8							
G77.0	17.9	18.4	12.2							
G78.0	17.0	17.6	10.0							
G79.0	16.2	16.9	8.7							
G80.0	15.4	16.1	7.7							
G81.0	14.6	15.4	6.7							
G82.0	13.7	14.7	5.8							
G83.0	12.6	14.0	5.0							
G84.0	11.5	13.4	4.2							
G85.0	10.4	12.5	3.5							
G86.0	9.2	11.4	2.7							
G87.0	8.1	10.0	2.0							
G88.0	7.1	8.1	1.3							
G89.0	6.3	6.3	0.6							
G90.0	5.5	4.9	0.0							
G91.0	4.9	3.6	0.0							
G92.0	4.4	2.0	0.0							
G93.0	3.8	1.7	0.0							
G94.0	3.1	1.3	0.0							
G95.0	2.9	1.0	0.0							
G96.0	2.6	0.8	0.0							
G97.0	2.3	0.6	0.0							
G98.0	2.0	0.0	0.0							
G99.0	1.8	0.0	0.0							
G100.0	1.5	0.0	0.0							
G101.0	1.3	0.0	0.0							
G102.0	1.1	0.0	0.0							
G103.0	1.0	0.0	0.0							
G104.0	0.9	0.0	0.0							
G105.0	0.7	0.0	0.0							
G106.0	0.6	0.0	0.0							
G107.0	0.6	0.0	0.0							
G108.0	0.0	0.0	0.0							
G109.0	0.0	0.0	0.0							
G110.0	0.6	0.0	0.0							

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	0.0	0.0	0.0							
G112.0	0.0	0.0	0.0							
G113.0	0.0	0.6	0.0							
G114.0	0.6	0.6	0.0							
G115.0	0.6	0.6	0.0							
G116.0	0.6	0.7	0.0							
G117.0	0.7	0.8	0.6							
G118.0	0.7	0.9	0.7							
G119.0	0.8	0.9	0.7							
G120.0	0.9	1.0	0.8							
G121.0	0.9	1.0	0.8							
G122.0	0.9	1.1	0.9							
G123.0	1.0	1.1	1.0							
G124.0	1.1	1.2	1.1							
G125.0	1.1	1.3	1.2							
G126.0	1.3	1.4	1.2							
G127.0	1.3	1.4	1.3							
G128.0	1.3	1.5	1.4							
G129.0	1.4	1.6	1.4							
G130.0	1.5	1.7	1.6							
G131.0	1.6	1.7	1.6							
G132.0	1.7	1.8	1.7							
G133.0	1.8	1.9	1.8							
G134.0	1.9	1.9	1.9							
G135.0	1.9	2.1	1.9							
G136.0	2.0	2.1	2.1							
G137.0	2.2	2.2	2.1							
G138.0	2.3	2.3	2.3							
G139.0	2.3	2.3	2.3							
G140.0	2.4	2.4	2.4							
G141.0	2.5	2.5	2.5							
G142.0	2.6	2.5	2.6							
G143.0	2.6	2.6	2.7							
G144.0	2.7	2.7	2.7							
G145.0	2.8	2.7	2.9							
G146.0	2.9	2.8	2.9							
G147.0	3.0	2.9	3.0							

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	3.0	3.0	3.0							
G149.0	3.1	3.0	3.1							
G150.0	3.2	3.1	3.2							
G151.0	3.2	3.1	3.3							
G152.0	3.3	3.2	3.3							
G153.0	3.3	3.3	3.4							
G154.0	3.4	3.3	3.5							
G155.0	3.5	3.3	3.5							
G156.0	3.5	3.4	3.5							
G157.0	3.5	3.5	3.5							
G158.0	3.6	3.5	3.6							
G159.0	3.6	3.5	3.7							
G160.0	3.7	3.6	3.7							
G161.0	3.7	3.6	3.7							
G162.0	3.7	3.6	3.8							
G163.0	3.8	3.7	3.8							
G164.0	3.8	3.8	4.2							
G165.0	3.8	3.8	3.8							
G166.0	3.8	3.9	3.8							
G167.0	3.8	3.9	3.9							
G168.0	3.9	4.0	4.0							
G169.0	3.9	4.0	4.0							
G170.0	3.9	4.1	4.1							
G171.0	3.9	4.1	4.1							
G172.0	4.0	4.2	4.2							
G173.0	4.0	4.3	4.2							
G174.0	4.0	4.3	4.2							
G175.0	4.0	4.3	4.2							
G176.0	4.1	4.3	4.2							
G177.0	4.1	4.3	4.2							
G178.0	4.2	4.4	4.3							
G179.0	4.2	4.4	4.3							
G180.0	4.2	4.5	4.2							

C Plane (°):0.0-360.0: 30.0
 Test Lab: Inventfine instrument
 Test Type: TYPE C
 Temperature: 26
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.607 m [K=1.0000]
 Humidity: 65
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	4514.66
L 0-180(75) av	3781.80
L 0-180(85) av	2313.43
L 90-270(65) av	4604.87
L 90-270(75) av	5126.48
L 90-270(85) av	8814.08
L 45(65) av	4448.54
L 45(75) av	4752.65
L 45(85) av	8483.64

Standard: GB/T 29293-2012