

Report No.: AMD202104000351

Test Time: 2021-05-12 13:56

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: ERA-12612-10W-3000K-Ra90-24D W

Number of Lamps: 1

Lumens per Lamp: 824.2 lm

Luminous Length (mm): 0 mm

Luminous Width (mm): 0 mm

Luminous Height (mm): 0 mm

Voltage: 219.9 V

Current: 0.088 A

Power: 10.74 W

Power Factor: 0.554

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 824.2 lm

Measurement Flux: 824.2 lm

Efficiency: 100.00%

Downward Ratio: 100.00%

Upward Ratio: 0.00%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 41.4, 41.6, 41.5, 41.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 25.1, 25.2, 25.2, 25.3

Luminaire Efficacy Rating (LER): 49.79

Central Intensity: 2677.09 cd

Max. Intensity: 2685.19 cd

Pos of Max. Intensity: H180 V1

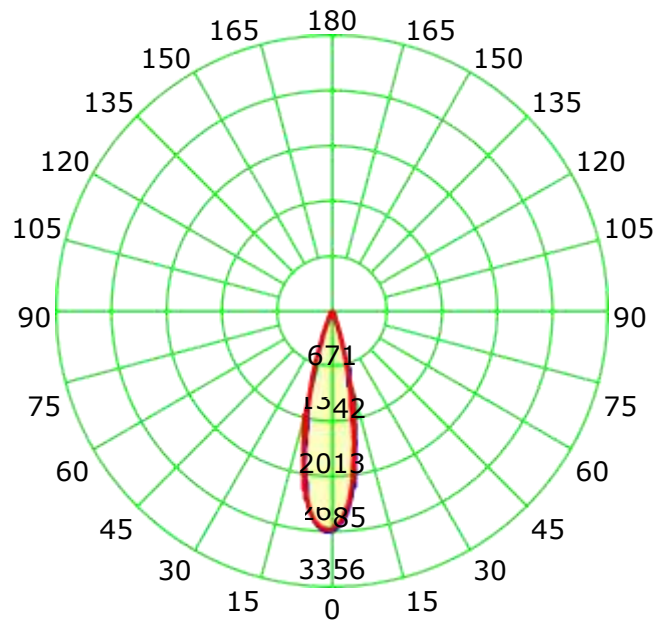
S/MH(C0/C180): 0.43

S/MH(C90/C270): 0.43

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 25.2°

— C0-C180 — C90-C270

C Plane (°): 0.0-360.0: 90.0

Gamma Plane (°): 0.0-180.0: 1.0

Test Lab:

Test Device: GPM-1600L

Test Type: TYPE C

Distance: 8.716 m

Temperature:

Humidity:

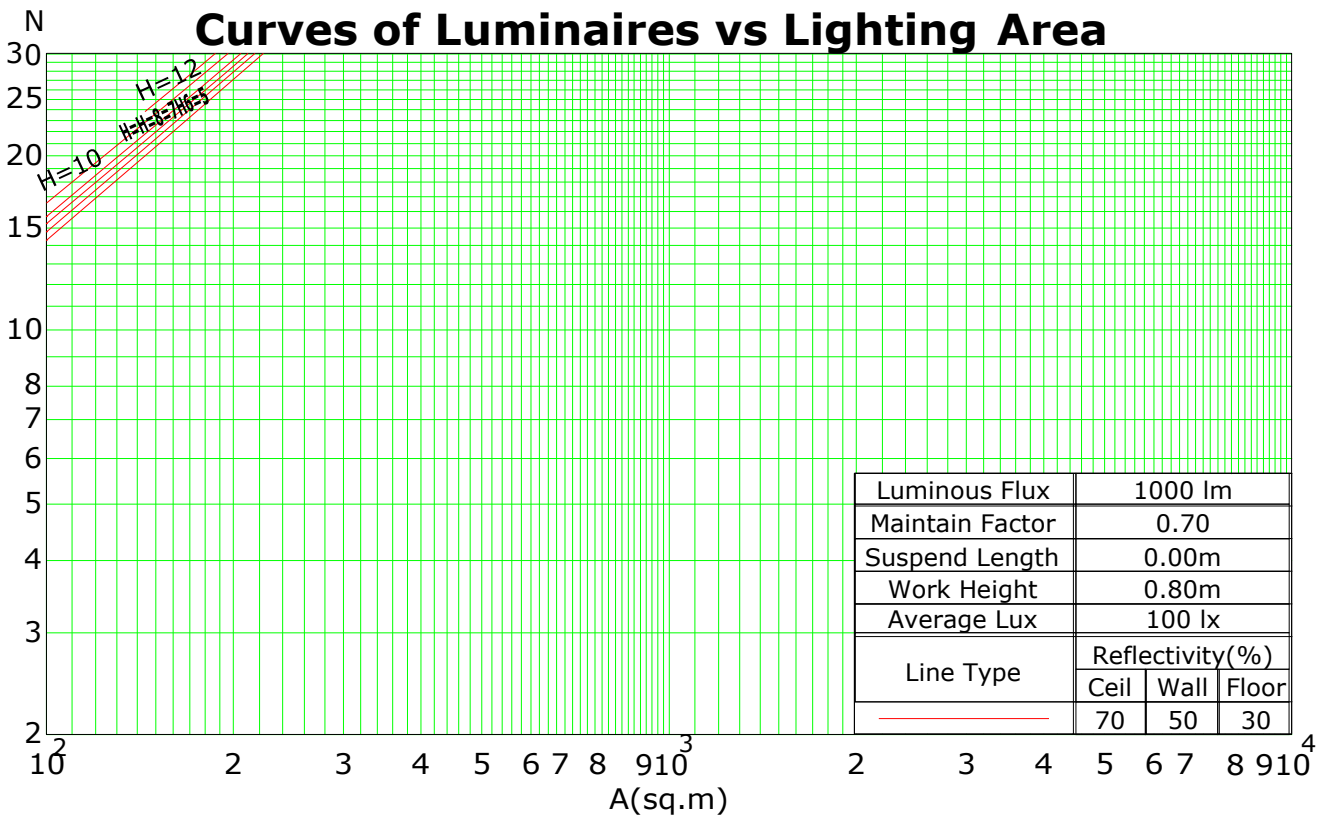
Operator:

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94
3	109	104	101	98	107	103	100	98	101	98	96	98	96	95	96	95	93	92
4	106	101	97	94	104	100	96	94	98	95	93	96	94	92	94	92	91	89
5	103	97	94	91	102	97	93	90	95	92	90	94	91	89	92	90	88	87
6	100	94	91	88	99	94	90	88	92	89	87	91	89	86	90	88	86	85
7	98	92	88	85	97	91	88	85	90	87	85	89	86	84	88	86	84	83
8	95	89	86	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81
9	93	87	83	81	92	87	83	81	86	83	80	85	82	80	85	82	80	79
10	91	85	81	79	90	85	81	79	84	81	79	83	80	78	83	80	78	77

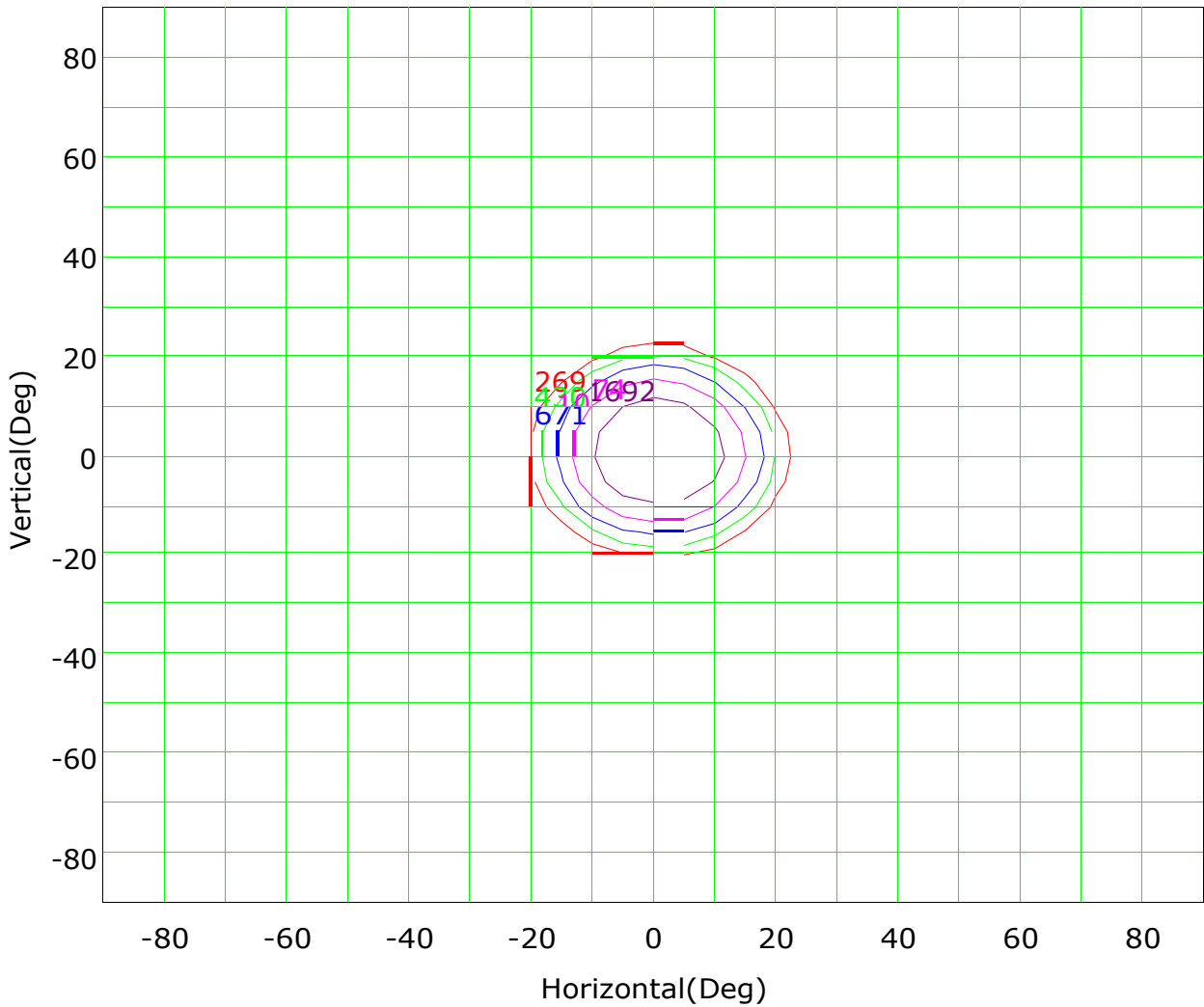
Spacing Criteria (0-180): 0.43
 Spacing Criteria (90-270): 0.43
 Spacing Criteria (Diagonal): 0.41



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Isocandela (rectangle)



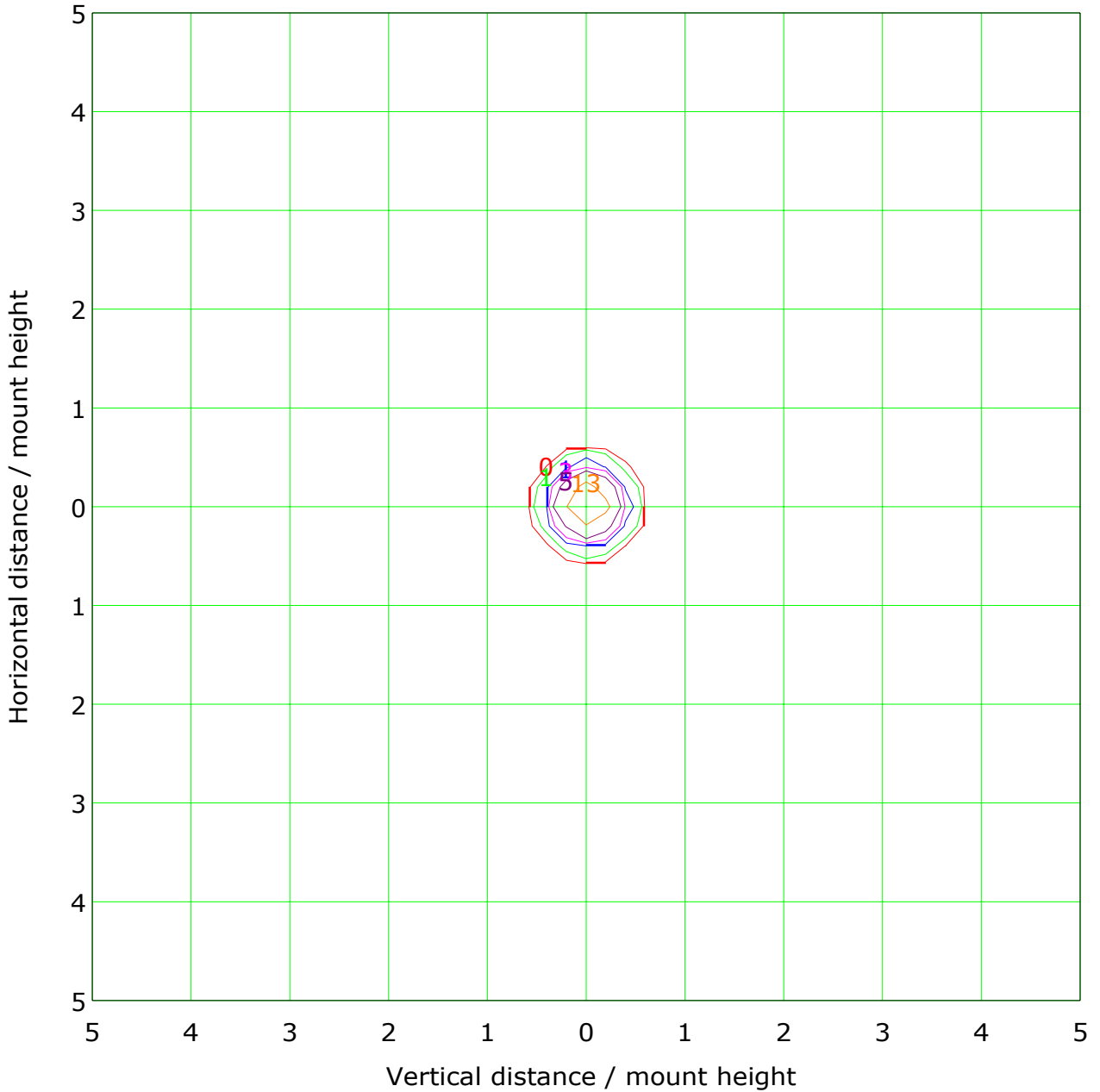
Imax (100%): 2685 cd

— (10%): 269 cd	— (16%): 430 cd
— (25%): 671 cd	— (40%): 1074 cd
— (63%): 1692 cd	— (100%): 2685 cd

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 26.8lx	
— (1%): 0.3 lx	— (2%): 0.5 lx		
— (5%): 1.3 lx	— (10%): 2.7 lx		
— (20%): 5.4 lx	— (50%): 13.4 lx		
— (100%): 26.8 lx			

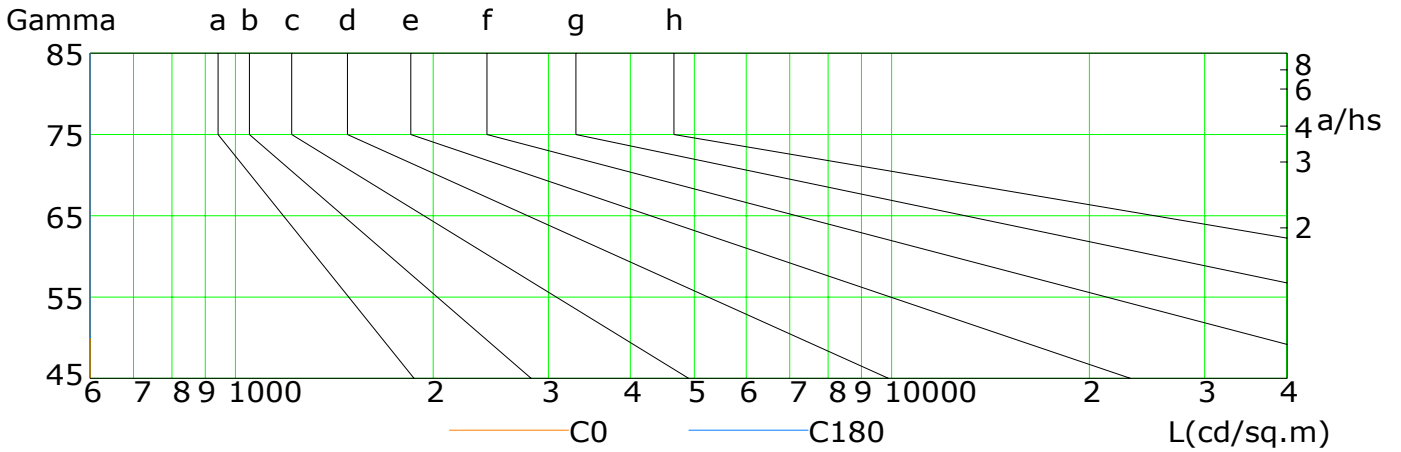
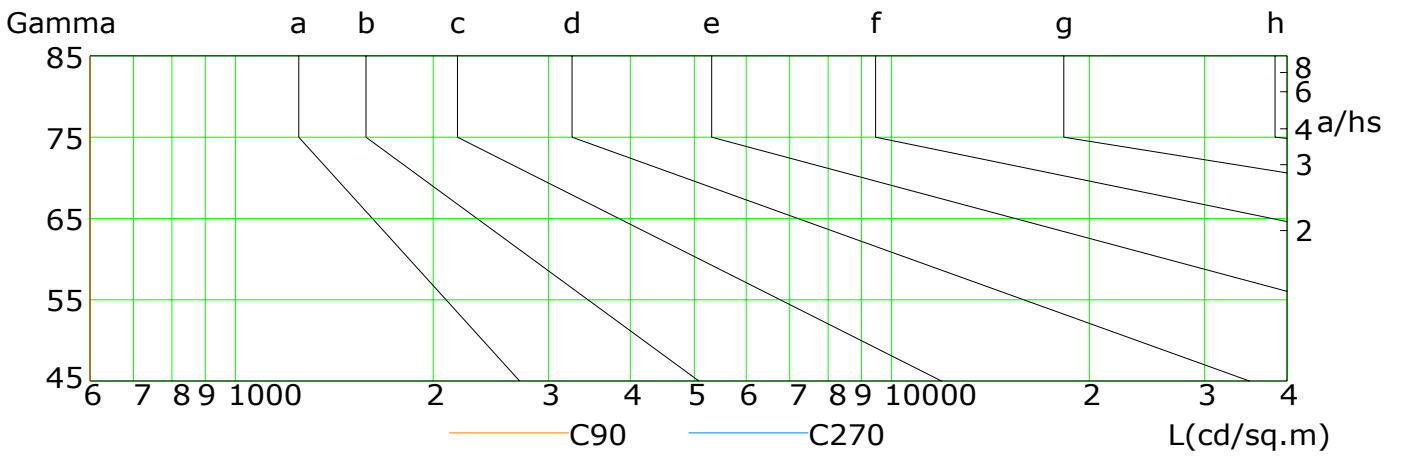
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 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

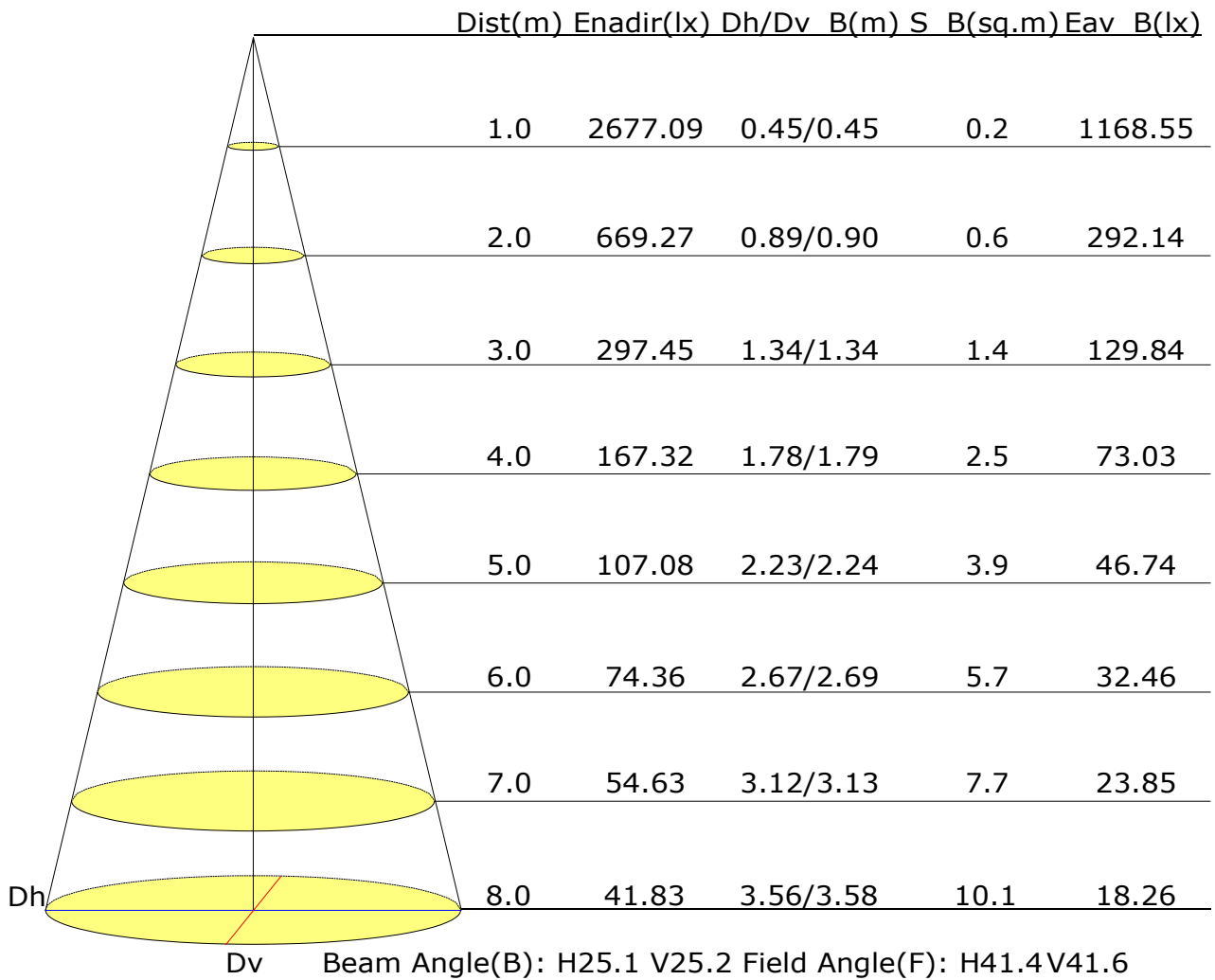


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0
C180	1	0	0	0	0	0	0	0	0
C270	0	0	0	0	0	0	0	0	0

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

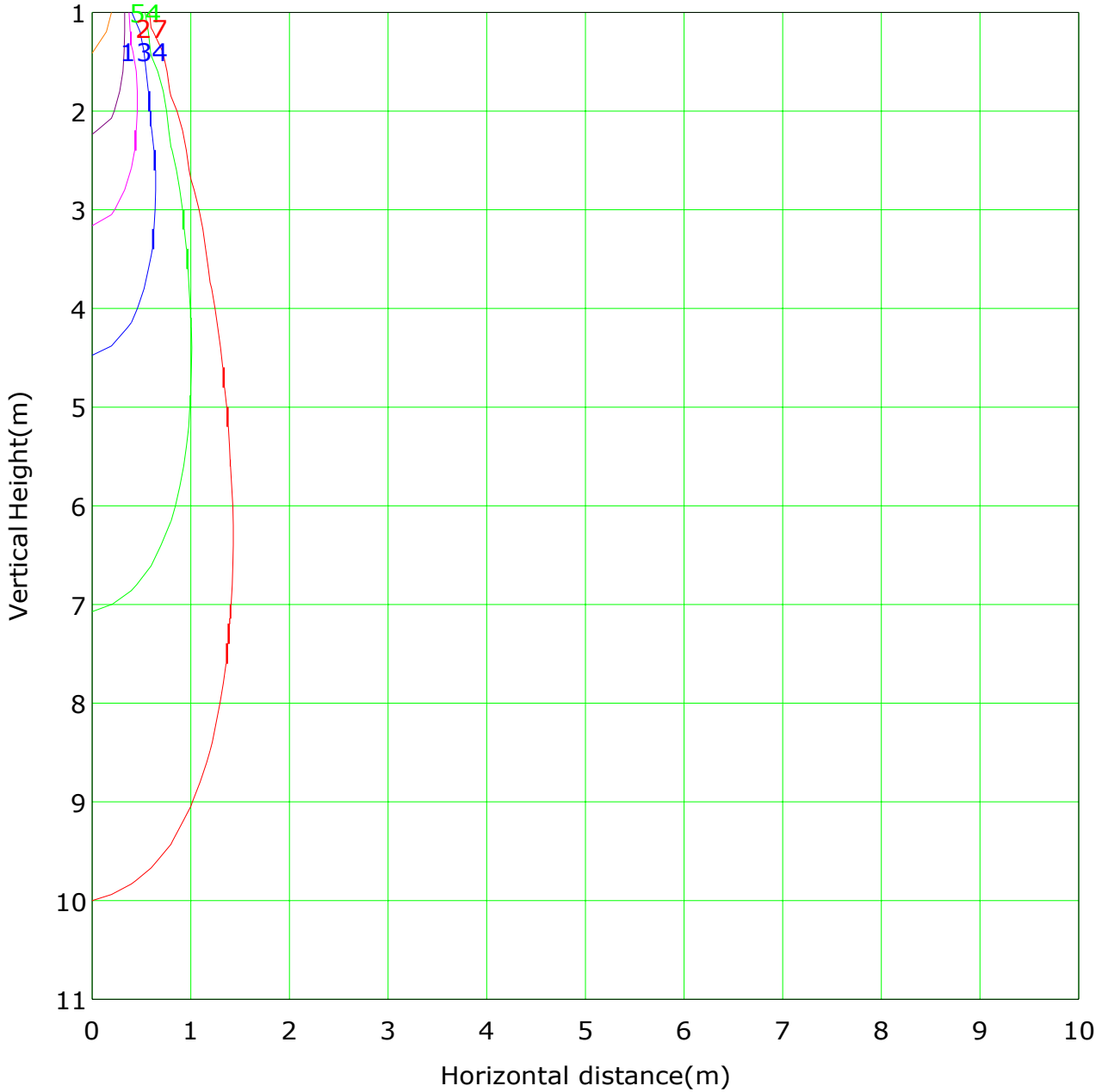
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2677.1 lx

— (1%): 26.8 lx	— (2%): 53.5 lx
— (5%): 133.9 lx	— (10%): 267.7 lx
— (20%): 535.4 lx	— (50%): 1338.5 lx
— (100%): 2677.1 lx	

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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 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	-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 534lm (8log(F/F0) = -2.2).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	m Rel Zonal Flux [%]
0.0-1.0	2658.2	2.5	2.5	0.48	0.48
1.0-2.0	2642.7	7.6	10.1	1.42	1.90
2.0-3.0	2610.8	12.5	22.6	2.34	4.23
3.0-4.0	2561.2	17.1	39.8	3.21	7.44
4.0-5.0	2495.7	21.5	61.2	4.02	11.46
5.0-6.0	2408.6	25.3	86.6	4.74	16.20
6.0-7.0	2301.4	28.6	115.1	5.35	21.55
7.0-8.0	2176.7	31.2	146.3	5.83	27.38
8.0-9.0	2031.2	32.9	179.2	6.16	33.55
9.0-10.0	1875.3	33.9	213.1	6.35	39.90
10.0-11.0	1706.7	34.1	247.3	6.38	46.28
11.0-12.0	1529.9	33.4	280.7	6.26	52.55
12.0-13.0	1358.7	32.2	312.9	6.04	58.58
13.0-14.0	1182.0	30.3	343.2	5.66	64.25
14.0-15.0	1011.5	27.8	371.0	5.20	69.45
15.0-16.0	852.5	25.0	396.0	4.68	74.12
16.0-17.0	705.9	22.0	417.9	4.12	78.24
17.0-18.0	580.0	19.1	437.1	3.58	81.82
18.0-19.0	467.7	16.3	453.3	3.05	84.86
19.0-20.0	372.9	13.6	467.0	2.56	87.42
20.0-21.0	297.4	11.4	478.4	2.14	89.56
21.0-22.0	234.9	9.4	487.9	1.77	91.33
22.0-23.0	184.8	7.8	495.6	1.45	92.78
23.0-24.0	146.3	6.4	502.0	1.20	93.98
24.0-25.0	116.2	5.3	507.3	0.99	94.96
25.0-26.0	93.8	4.4	511.7	0.83	95.79
26.0-27.0	75.5	3.7	515.4	0.69	96.48
27.0-28.0	61.2	3.1	518.5	0.58	97.06
28.0-29.0	50.2	2.6	521.1	0.49	97.56
29.0-30.0	40.9	2.2	523.4	0.41	97.97
30.0-31.0	33.3	1.9	525.2	0.35	98.32
31.0-32.0	27.5	1.6	526.8	0.29	98.61
32.0-33.0	23.0	1.4	528.1	0.25	98.87
33.0-34.0	19.3	1.2	529.3	0.22	99.08
34.0-35.0	16.2	1.0	530.3	0.19	99.27
35.0-36.0	13.7	0.9	531.2	0.16	99.44

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 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	11.3	0.7	531.9	0.14	99.57
37.0-38.0	9.1	0.6	532.5	0.11	99.69
38.0-39.0	7.3	0.5	533.0	0.09	99.78
39.0-40.0	5.5	0.4	533.4	0.07	99.85
40.0-41.0	4.2	0.3	533.7	0.06	99.91
41.0-42.0	3.0	0.2	533.9	0.04	99.95
42.0-43.0	1.8	0.1	534.1	0.02	99.97
43.0-44.0	1.0	0.1	534.1	0.01	99.99
44.0-45.0	0.5	0.0	534.2	0.01	100.00
45.0-46.0	0.3	0.0	534.2	0.00	100.00
46.0-47.0	0.2	0.0	534.2	0.00	100.00
47.0-48.0	0.1	0.0	534.2	0.00	100.00
48.0-49.0	0.0	0.0	534.2	0.00	100.00
49.0-50.0	0.0	0.0	534.2	0.00	100.00
50.0-51.0	0.0	0.0	534.2	0.00	100.00
51.0-52.0	0.0	0.0	534.2	0.00	100.00
52.0-53.0	0.0	0.0	534.2	0.00	100.00
53.0-54.0	0.0	0.0	534.2	0.00	100.00
54.0-55.0	0.0	0.0	534.2	0.00	100.00
55.0-56.0	0.0	0.0	534.2	0.00	100.00
56.0-57.0	0.0	0.0	534.2	0.00	100.00
57.0-58.0	0.0	0.0	534.2	0.00	100.00
58.0-59.0	0.0	0.0	534.2	0.00	100.00
59.0-60.0	0.0	0.0	534.2	0.00	100.00
60.0-61.0	0.0	0.0	534.2	0.00	100.00
61.0-62.0	0.0	0.0	534.2	0.00	100.00
62.0-63.0	0.0	0.0	534.2	0.00	100.00
63.0-64.0	0.0	0.0	534.2	0.00	100.00
64.0-65.0	0.0	0.0	534.2	0.00	100.00
65.0-66.0	0.0	0.0	534.2	0.00	100.00
66.0-67.0	0.0	0.0	534.2	0.00	100.00
67.0-68.0	0.0	0.0	534.2	0.00	100.00
68.0-69.0	0.0	0.0	534.2	0.00	100.00
69.0-70.0	0.0	0.0	534.2	0.00	100.00
70.0-71.0	0.0	0.0	534.2	0.00	100.00
71.0-72.0	0.0	0.0	534.2	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 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	0.0	0.0	534.2	0.00	100.00
73.0-74.0	0.0	0.0	534.2	0.00	100.00
74.0-75.0	0.0	0.0	534.2	0.00	100.00
75.0-76.0	0.0	0.0	534.2	0.00	100.00
76.0-77.0	0.0	0.0	534.2	0.00	100.00
77.0-78.0	0.0	0.0	534.2	0.00	100.00
78.0-79.0	0.0	0.0	534.2	0.00	100.00
79.0-80.0	0.0	0.0	534.2	0.00	100.00
80.0-81.0	0.0	0.0	534.2	0.00	100.00
81.0-82.0	0.0	0.0	534.2	0.00	100.00
82.0-83.0	0.0	0.0	534.2	0.00	100.00
83.0-84.0	0.0	0.0	534.2	0.00	100.00
84.0-85.0	0.0	0.0	534.2	0.00	100.00
85.0-86.0	0.0	0.0	534.2	0.00	100.00
86.0-87.0	0.0	0.0	534.2	0.00	100.00
87.0-88.0	0.0	0.0	534.2	0.00	100.00
88.0-89.0	0.0	0.0	534.2	0.00	100.00
89.0-90.0	0.0	0.0	534.2	0.00	100.00
90.0-91.0	0.0	0.0	534.2	0.00	100.00
91.0-92.0	0.0	0.0	534.2	0.00	100.00
92.0-93.0	0.0	0.0	534.2	0.00	100.00
93.0-94.0	0.0	0.0	534.2	0.00	100.00
94.0-95.0	0.0	0.0	534.2	0.00	100.00
95.0-96.0	0.0	0.0	534.2	0.00	100.00
96.0-97.0	0.0	0.0	534.2	0.00	100.00
97.0-98.0	0.0	0.0	534.2	0.00	100.00
98.0-99.0	0.0	0.0	534.2	0.00	100.00
99.0-100.0	0.0	0.0	534.2	0.00	100.00
100.0-101.0	0.0	0.0	534.2	0.00	100.00
101.0-102.0	0.0	0.0	534.2	0.00	100.00
102.0-103.0	0.0	0.0	534.2	0.00	100.00
103.0-104.0	0.0	0.0	534.2	0.00	100.00
104.0-105.0	0.0	0.0	534.2	0.00	100.00
105.0-106.0	0.0	0.0	534.2	0.00	100.00
106.0-107.0	0.0	0.0	534.2	0.00	100.00
107.0-108.0	0.0	0.0	534.2	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	534.2	0.00	100.00
109.0-110.0	0.0	0.0	534.2	0.00	100.00
110.0-111.0	0.0	0.0	534.2	0.00	100.00
111.0-112.0	0.0	0.0	534.2	0.00	100.00
112.0-113.0	0.0	0.0	534.2	0.00	100.00
113.0-114.0	0.0	0.0	534.2	0.00	100.00
114.0-115.0	0.0	0.0	534.2	0.00	100.00
115.0-116.0	0.0	0.0	534.2	0.00	100.00
116.0-117.0	0.0	0.0	534.2	0.00	100.00
117.0-118.0	0.0	0.0	534.2	0.00	100.00
118.0-119.0	0.0	0.0	534.2	0.00	100.00
119.0-120.0	0.0	0.0	534.2	0.00	100.00
120.0-121.0	0.0	0.0	534.2	0.00	100.00
121.0-122.0	0.0	0.0	534.2	0.00	100.00
122.0-123.0	0.0	0.0	534.2	0.00	100.00
123.0-124.0	0.0	0.0	534.2	0.00	100.00
124.0-125.0	0.0	0.0	534.2	0.00	100.00
125.0-126.0	0.0	0.0	534.2	0.00	100.00
126.0-127.0	0.0	0.0	534.2	0.00	100.00
127.0-128.0	0.0	0.0	534.2	0.00	100.00
128.0-129.0	0.0	0.0	534.2	0.00	100.00
129.0-130.0	0.0	0.0	534.2	0.00	100.00
130.0-131.0	0.0	0.0	534.2	0.00	100.00
131.0-132.0	0.0	0.0	534.2	0.00	100.00
132.0-133.0	0.0	0.0	534.2	0.00	100.00
133.0-134.0	0.0	0.0	534.2	0.00	100.00
134.0-135.0	0.0	0.0	534.2	0.00	100.00
135.0-136.0	0.0	0.0	534.2	0.00	100.00
136.0-137.0	0.0	0.0	534.2	0.00	100.00
137.0-138.0	0.0	0.0	534.2	0.00	100.00
138.0-139.0	0.0	0.0	534.2	0.00	100.00
139.0-140.0	0.0	0.0	534.2	0.00	100.00
140.0-141.0	0.0	0.0	534.2	0.00	100.00
141.0-142.0	0.0	0.0	534.2	0.00	100.00
142.0-143.0	0.0	0.0	534.2	0.00	100.00
143.0-144.0	0.0	0.0	534.2	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	534.2	0.00	100.00
145.0-146.0	0.0	0.0	534.2	0.00	100.00
146.0-147.0	0.0	0.0	534.2	0.00	100.00
147.0-148.0	0.0	0.0	534.2	0.00	100.00
148.0-149.0	0.0	0.0	534.2	0.00	100.00
149.0-150.0	0.0	0.0	534.2	0.00	100.00
150.0-151.0	0.0	0.0	534.2	0.00	100.00
151.0-152.0	0.0	0.0	534.2	0.00	100.00
152.0-153.0	0.0	0.0	534.2	0.00	100.00
153.0-154.0	0.0	0.0	534.2	0.00	100.00
154.0-155.0	0.0	0.0	534.2	0.00	100.00
155.0-156.0	0.0	0.0	534.2	0.00	100.00
156.0-157.0	0.0	0.0	534.2	0.00	100.00
157.0-158.0	0.0	0.0	534.2	0.00	100.00
158.0-159.0	0.0	0.0	534.2	0.00	100.00
159.0-160.0	0.0	0.0	534.2	0.00	100.00
160.0-161.0	0.0	0.0	534.2	0.00	100.00
161.0-162.0	0.0	0.0	534.2	0.00	100.00
162.0-163.0	0.0	0.0	534.2	0.00	100.00
163.0-164.0	0.0	0.0	534.2	0.00	100.00
164.0-165.0	0.0	0.0	534.2	0.00	100.00
165.0-166.0	0.0	0.0	534.2	0.00	100.00
166.0-167.0	0.0	0.0	534.2	0.00	100.00
167.0-168.0	0.0	0.0	534.2	0.00	100.00
168.0-169.0	0.0	0.0	534.2	0.00	100.00
169.0-170.0	0.0	0.0	534.2	0.00	100.00
170.0-171.0	0.0	0.0	534.2	0.00	100.00
171.0-172.0	0.0	0.0	534.2	0.00	100.00
172.0-173.0	0.0	0.0	534.2	0.00	100.00
173.0-174.0	0.0	0.0	534.2	0.00	100.00
174.0-175.0	0.0	0.0	534.2	0.00	100.00
175.0-176.0	0.0	0.0	534.2	0.00	100.00
176.0-177.0	0.0	0.0	534.2	0.00	100.00
177.0-178.0	0.0	0.0	534.2	0.00	100.00
178.0-179.0	0.0	0.0	534.2	0.00	100.00
179.0-180.0	0.0	0.0	534.2	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	2677.1	2648.1	2677.1	2648.1	2677.1					
G1.0	2653.1	2618.9	2685.2	2658.4	2653.1					
G2.0	2613.8	2577.6	2679.4	2655.5	2613.8					
G3.0	2555.3	2510.9	2655.9	2637.7	2555.3					
G4.0	2477.9	2427.5	2620.0	2604.2	2477.9					
G5.0	2383.6	2329.5	2564.3	2558.4	2383.6					
G6.0	2261.3	2197.8	2486.7	2487.4	2261.3					
G7.0	2122.8	2059.7	2396.6	2399.3	2122.8					
G8.0	1975.5	1900.0	2272.1	2287.7	1975.5					
G9.0	1794.3	1723.5	2135.0	2161.4	1794.3					
G10.0	1625.8	1547.8	1988.3	2026.0	1625.8					
G11.0	1435.0	1362.6	1811.5	1856.7	1435.0					
G12.0	1254.1	1187.3	1633.2	1698.7	1254.1					
G13.0	1085.4	1027.0	1451.9	1531.9	1085.4					
G14.0	902.3	858.3	1263.3	1336.3	902.3					
G15.0	755.8	714.2	1095.4	1166.2	755.8					
G16.0	606.6	578.7	922.6	980.6	606.6					
G17.0	492.9	467.3	769.8	829.0	492.9					
G18.0	392.2	372.5	632.2	684.4	392.2					
G19.0	305.3	292.1	511.6	551.0	305.3					
G20.0	241.4	232.4	409.0	440.1	241.4					
G21.0	190.8	184.1	328.2	353.5	190.8					
G22.0	148.5	144.7	253.8	275.9	148.5					
G23.0	117.9	114.8	202.1	221.0	117.9					
G24.0	92.7	92.7	159.1	170.5	92.7					
G25.0	75.5	75.4	126.2	137.7	75.5					
G26.0	60.0	61.2	102.5	111.7	60.0					
G27.0	48.0	48.9	81.8	89.9	48.0					
G28.0	40.1	39.9	67.8	73.2	40.1					
G29.0	33.5	32.8	55.3	59.2	33.5					
G30.0	27.0	26.8	44.5	47.9	27.0					
G31.0	22.5	22.2	36.8	38.4	22.5					
G32.0	18.9	18.5	30.5	32.0	18.9					
G33.0	16.1	15.4	26.2	26.8	16.1					
G34.0	13.2	13.4	21.5	22.1	13.2					
G35.0	10.4	11.3	18.9	18.8	10.4					
G36.0	9.2	9.9	15.8	15.5	9.2					

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	7.4	7.3	12.8	12.2	7.4					
G38.0	5.8	6.4	10.8	10.3	5.8					
G39.0	4.1	4.9	8.5	7.6	4.1					
G40.0	2.6	3.2	7.0	5.9	2.6					
G41.0	3.0	1.8	5.5	4.8	3.0					
G42.0	1.2	0.4	4.1	3.2	1.2					
G43.0	0.6	0.0	3.3	1.5	0.6					
G44.0	0.0	0.0	2.2	0.4	0.0					
G45.0	0.0	0.0	1.4	0.0	0.0					
G46.0	0.0	0.0	1.0	0.0	0.0					
G47.0	0.0	0.0	0.6	0.0	0.0					
G48.0	0.0	0.0	0.0	0.0	0.0					
G49.0	0.0	0.0	0.0	0.0	0.0					
G50.0	0.0	0.0	0.0	0.0	0.0					
G51.0	0.0	0.0	0.0	0.0	0.0					
G52.0	0.0	0.0	0.0	0.0	0.0					
G53.0	0.0	0.0	0.0	0.0	0.0					
G54.0	0.0	0.0	0.0	0.0	0.0					
G55.0	0.0	0.0	0.0	0.0	0.0					
G56.0	0.0	0.0	0.0	0.0	0.0					
G57.0	0.0	0.0	0.0	0.0	0.0					
G58.0	0.0	0.0	0.0	0.0	0.0					
G59.0	0.0	0.0	0.0	0.0	0.0					
G60.0	0.0	0.0	0.0	0.0	0.0					
G61.0	0.0	0.0	0.0	0.0	0.0					
G62.0	0.0	0.0	0.0	0.0	0.0					
G63.0	0.0	0.0	0.0	0.0	0.0					
G64.0	0.0	0.0	0.0	0.0	0.0					
G65.0	0.0	0.0	0.0	0.0	0.0					
G66.0	0.0	0.0	0.0	0.0	0.0					
G67.0	0.0	0.0	0.0	0.0	0.0					
G68.0	0.0	0.0	0.0	0.0	0.0					
G69.0	0.0	0.0	0.0	0.0	0.0					
G70.0	0.0	0.0	0.0	0.0	0.0					
G71.0	0.0	0.0	0.0	0.0	0.0					
G72.0	0.0	0.0	0.0	0.0	0.0					
G73.0	0.0	0.0	0.0	0.0	0.0					

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	0.0	0.0	0.0	0.0	0.0					
G75.0	0.0	0.0	0.0	0.0	0.0					
G76.0	0.0	0.0	0.0	0.0	0.0					
G77.0	0.0	0.0	0.0	0.0	0.0					
G78.0	0.0	0.0	0.0	0.0	0.0					
G79.0	0.0	0.0	0.0	0.0	0.0					
G80.0	0.0	0.0	0.0	0.0	0.0					
G81.0	0.0	0.0	0.0	0.0	0.0					
G82.0	0.0	0.0	0.0	0.0	0.0					
G83.0	0.0	0.0	0.0	0.0	0.0					
G84.0	0.0	0.0	0.0	0.0	0.0					
G85.0	0.0	0.0	0.0	0.0	0.0					
G86.0	0.0	0.0	0.0	0.0	0.0					
G87.0	0.0	0.0	0.0	0.0	0.0					
G88.0	0.0	0.0	0.0	0.0	0.0					
G89.0	0.0	0.0	0.0	0.0	0.0					
G90.0	0.0	0.0	0.0	0.0	0.0					
G91.0	0.0	0.0	0.0	0.0	0.0					
G92.0	0.0	0.0	0.0	0.0	0.0					
G93.0	0.0	0.0	0.0	0.0	0.0					
G94.0	0.0	0.0	0.0	0.0	0.0					
G95.0	0.0	0.0	0.0	0.0	0.0					
G96.0	0.0	0.0	0.0	0.0	0.0					
G97.0	0.0	0.0	0.0	0.0	0.0					
G98.0	0.0	0.0	0.0	0.0	0.0					
G99.0	0.0	0.0	0.0	0.0	0.0					
G100.0	0.0	0.0	0.0	0.0	0.0					
G101.0	0.0	0.0	0.0	0.0	0.0					
G102.0	0.0	0.0	0.0	0.0	0.0					
G103.0	0.0	0.0	0.0	0.0	0.0					
G104.0	0.0	0.0	0.0	0.0	0.0					
G105.0	0.0	0.0	0.0	0.0	0.0					
G106.0	0.0	0.0	0.0	0.0	0.0					
G107.0	0.0	0.0	0.0	0.0	0.0					
G108.0	0.0	0.0	0.0	0.0	0.0					
G109.0	0.0	0.0	0.0	0.0	0.0					
G110.0	0.0	0.0	0.0	0.0	0.0					

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.0	0.0	0.0	0.0	0.0					
G112.0	0.0	0.0	0.0	0.0	0.0					
G113.0	0.0	0.0	0.0	0.0	0.0					
G114.0	0.0	0.0	0.0	0.0	0.0					
G115.0	0.0	0.0	0.0	0.0	0.0					
G116.0	0.0	0.0	0.0	0.0	0.0					
G117.0	0.0	0.0	0.0	0.0	0.0					
G118.0	0.0	0.0	0.0	0.0	0.0					
G119.0	0.0	0.0	0.0	0.0	0.0					
G120.0	0.0	0.0	0.0	0.0	0.0					
G121.0	0.0	0.0	0.0	0.0	0.0					
G122.0	0.0	0.0	0.0	0.0	0.0					
G123.0	0.0	0.0	0.0	0.0	0.0					
G124.0	0.0	0.0	0.0	0.0	0.0					
G125.0	0.0	0.0	0.0	0.0	0.0					
G126.0	0.0	0.0	0.0	0.0	0.0					
G127.0	0.0	0.0	0.0	0.0	0.0					
G128.0	0.0	0.0	0.0	0.0	0.0					
G129.0	0.0	0.0	0.0	0.0	0.0					
G130.0	0.0	0.0	0.0	0.0	0.0					
G131.0	0.0	0.0	0.0	0.0	0.0					
G132.0	0.0	0.0	0.0	0.0	0.0					
G133.0	0.0	0.0	0.0	0.0	0.0					
G134.0	0.0	0.0	0.0	0.0	0.0					
G135.0	0.0	0.0	0.0	0.0	0.0					
G136.0	0.0	0.0	0.0	0.0	0.0					
G137.0	0.0	0.0	0.0	0.0	0.0					
G138.0	0.0	0.0	0.0	0.0	0.0					
G139.0	0.0	0.0	0.0	0.0	0.0					
G140.0	0.0	0.0	0.0	0.0	0.0					
G141.0	0.0	0.0	0.0	0.0	0.0					
G142.0	0.0	0.0	0.0	0.0	0.0					
G143.0	0.0	0.0	0.0	0.0	0.0					
G144.0	0.0	0.0	0.0	0.0	0.0					
G145.0	0.0	0.0	0.0	0.0	0.0					
G146.0	0.0	0.0	0.0	0.0	0.0					
G147.0	0.0	0.0	0.0	0.0	0.0					

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	0.0	0.0	0.0	0.0	0.0					
G149.0	0.0	0.0	0.0	0.0	0.0					
G150.0	0.0	0.0	0.0	0.0	0.0					
G151.0	0.0	0.0	0.0	0.0	0.0					
G152.0	0.0	0.0	0.0	0.0	0.0					
G153.0	0.0	0.0	0.0	0.0	0.0					
G154.0	0.0	0.0	0.0	0.0	0.0					
G155.0	0.0	0.0	0.0	0.0	0.0					
G156.0	0.0	0.0	0.0	0.0	0.0					
G157.0	0.0	0.0	0.0	0.0	0.0					
G158.0	0.0	0.0	0.0	0.0	0.0					
G159.0	0.0	0.0	0.0	0.0	0.0					
G160.0	0.0	0.0	0.0	0.0	0.0					
G161.0	0.0	0.0	0.0	0.0	0.0					
G162.0	0.0	0.0	0.0	0.0	0.0					
G163.0	0.0	0.0	0.0	0.0	0.0					
G164.0	0.0	0.0	0.0	0.0	0.0					
G165.0	0.0	0.0	0.0	0.0	0.0					
G166.0	0.0	0.0	0.0	0.0	0.0					
G167.0	0.0	0.0	0.0	0.0	0.0					
G168.0	0.0	0.0	0.0	0.0	0.0					
G169.0	0.0	0.0	0.0	0.0	0.0					
G170.0	0.0	0.0	0.0	0.0	0.0					
G171.0	0.0	0.0	0.0	0.0	0.0					
G172.0	0.0	0.0	0.0	0.0	0.0					
G173.0	0.0	0.0	0.0	0.0	0.0					
G174.0	0.0	0.0	0.0	0.0	0.0					
G175.0	0.0	0.0	0.0	0.0	0.0					
G176.0	0.0	0.0	0.0	0.0	0.0					
G177.0	0.0	0.0	0.0	0.0	0.0					
G178.0	0.0	0.0	0.0	0.0	0.0					
G179.0	0.0	0.0	0.0	0.0	0.0					
G180.0	0.0	0.0	0.0	0.0	0.0					

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.716 m
 Humidity:
 Inspector: