

Report No.:

Test Time: 2022-03-19 16:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: 100W

Voltage: 219.5 V

Power: 102.70 W

Lamp Catalog: 5000k

Current: 0.478 A

Power Factor: 0.978

Photometric Results

CIE Class: Direct

Measurement Flux: 10689.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H134.5

Vertical Diffuse Angle(50%): V88.1

Luminaire Efficacy Rating (LER): 104.13

Max. Intensity: 4011.83 cd

S/MH(C0/C180): 1.49

Total Rated Lamp Lumens: 10689.5 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 3401.87 cd

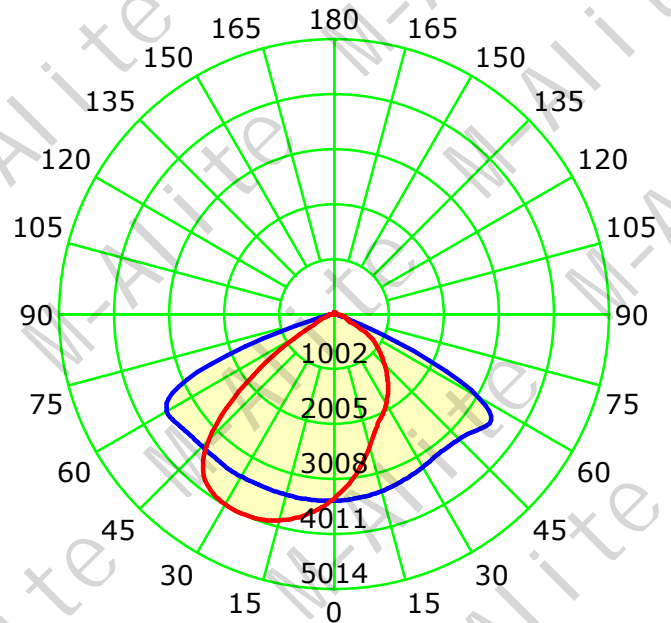
Pos of Max. Intensity: H270 V26

S/MH(C90/C270): 1.31

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 106.6°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

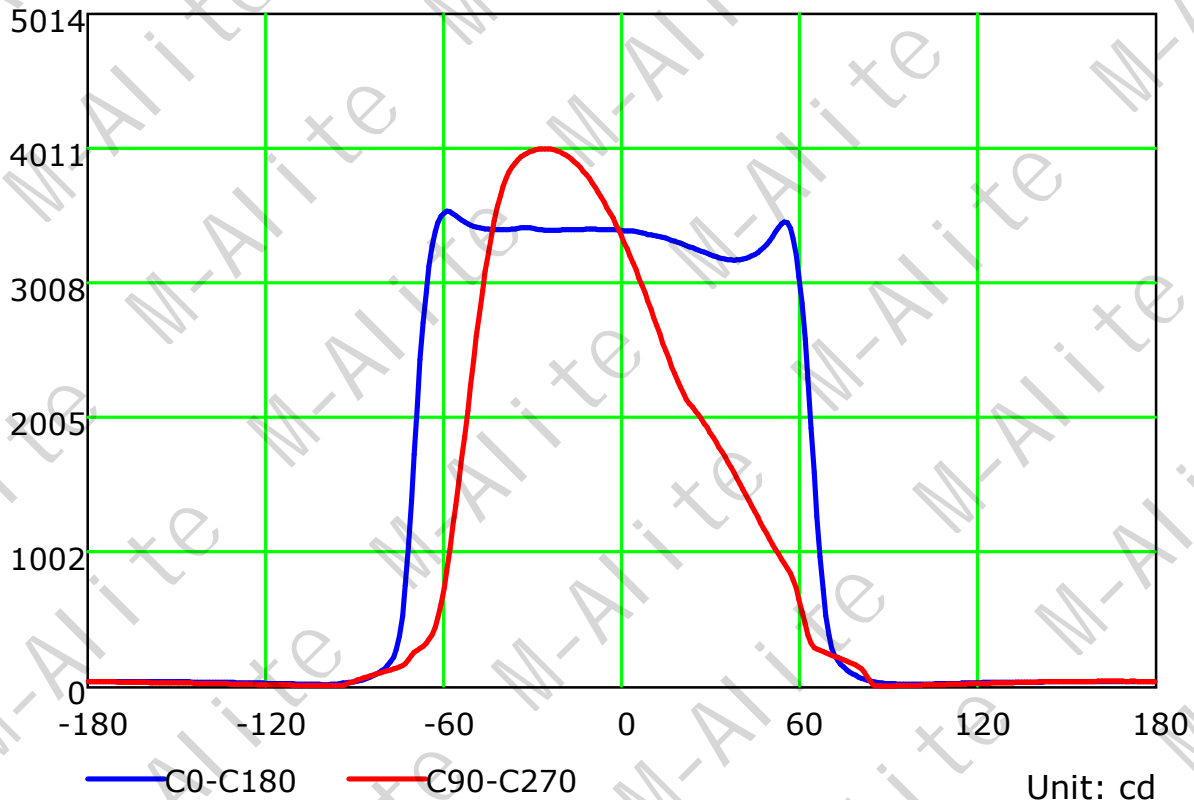
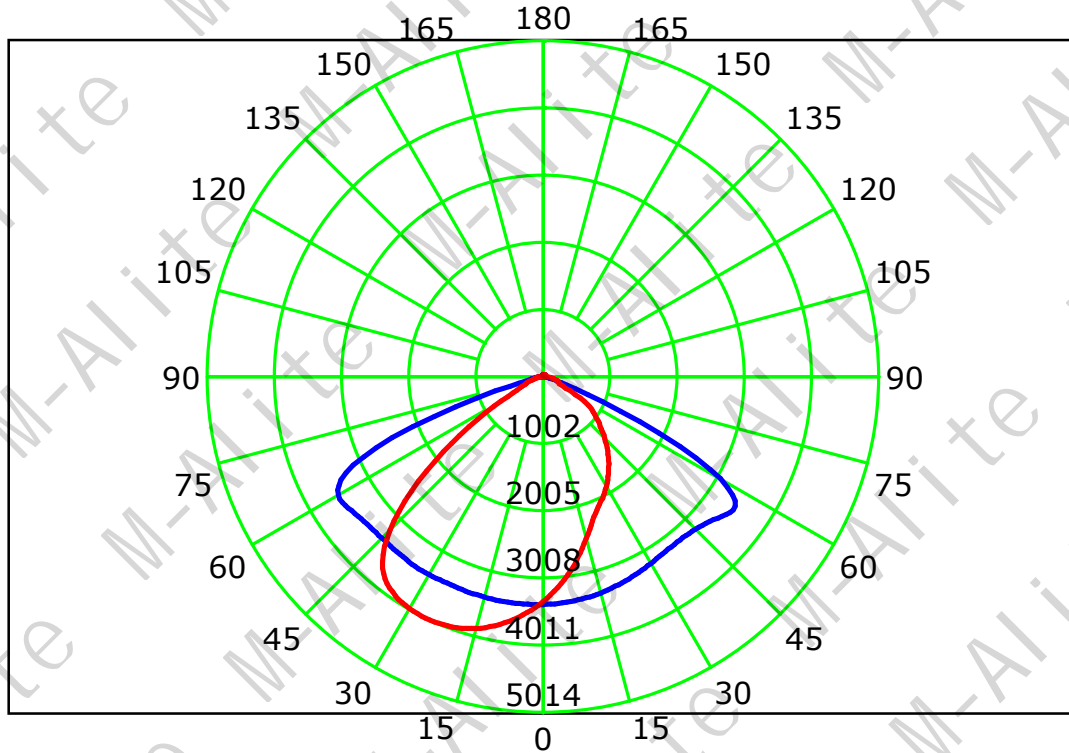
Test Device: GPM-1600L

Distance: 8.284 m

Humidity: 55

Inspector:

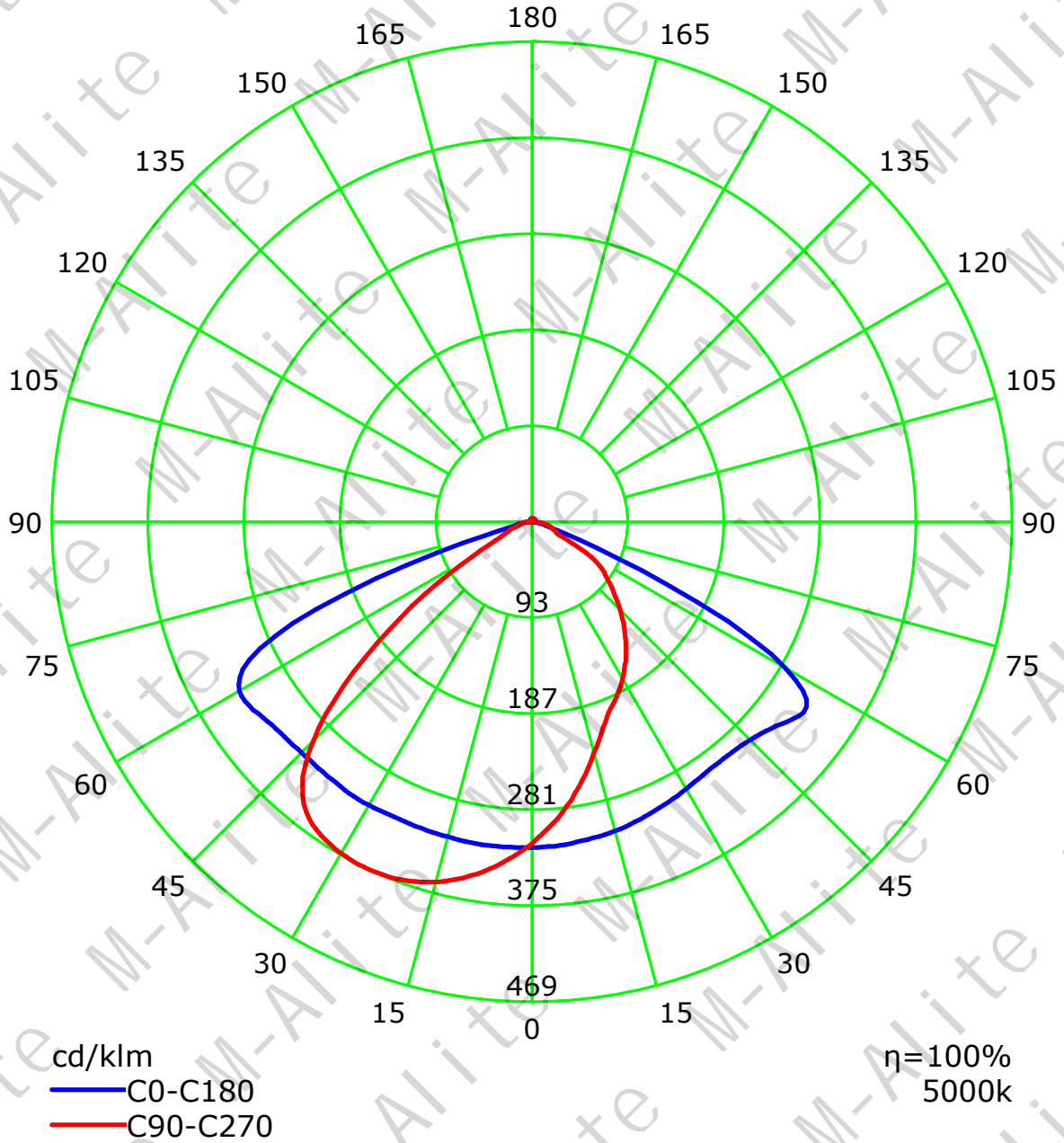
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
Inspector:

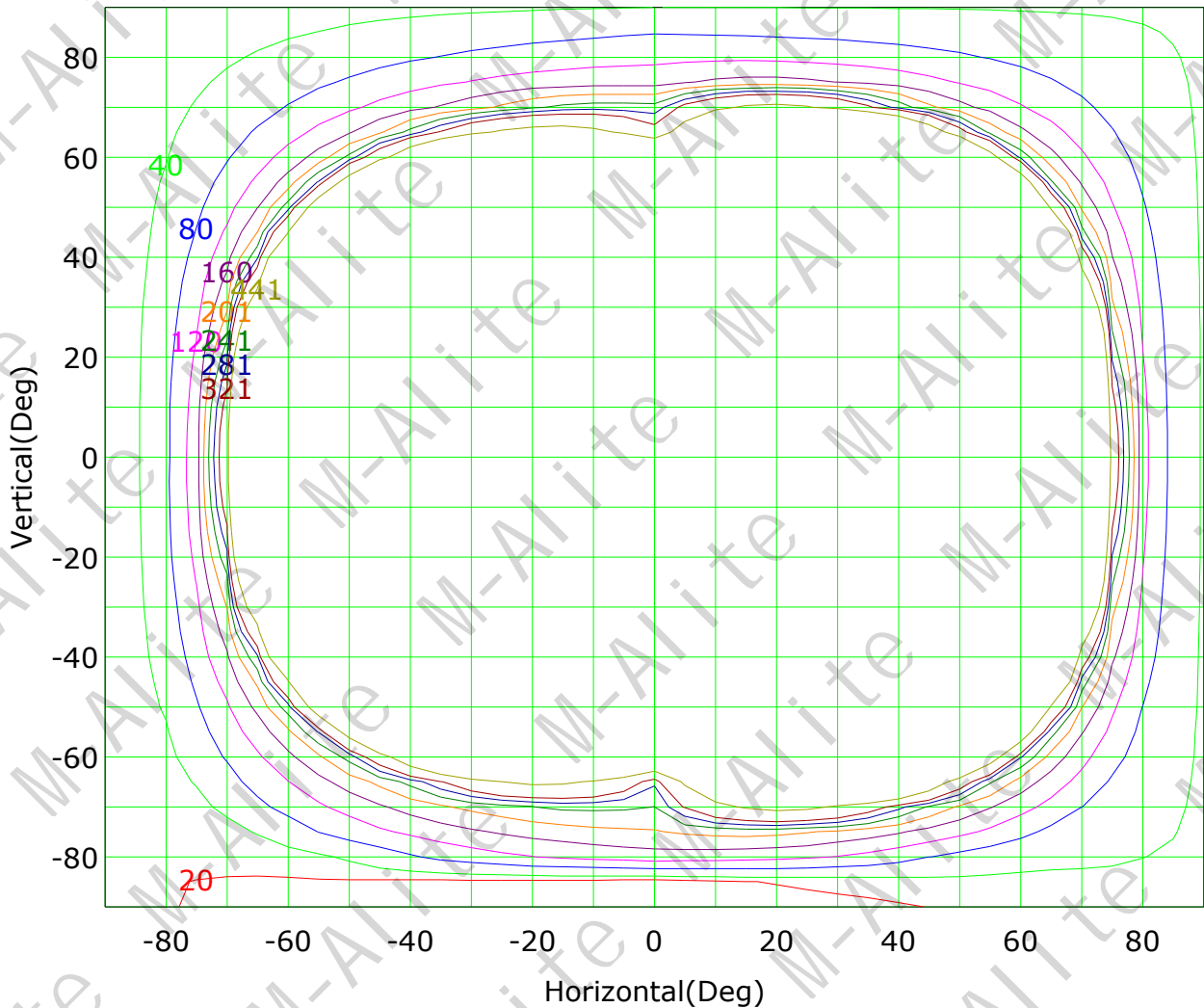
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
Inspector:

Isocandela (rectangle)



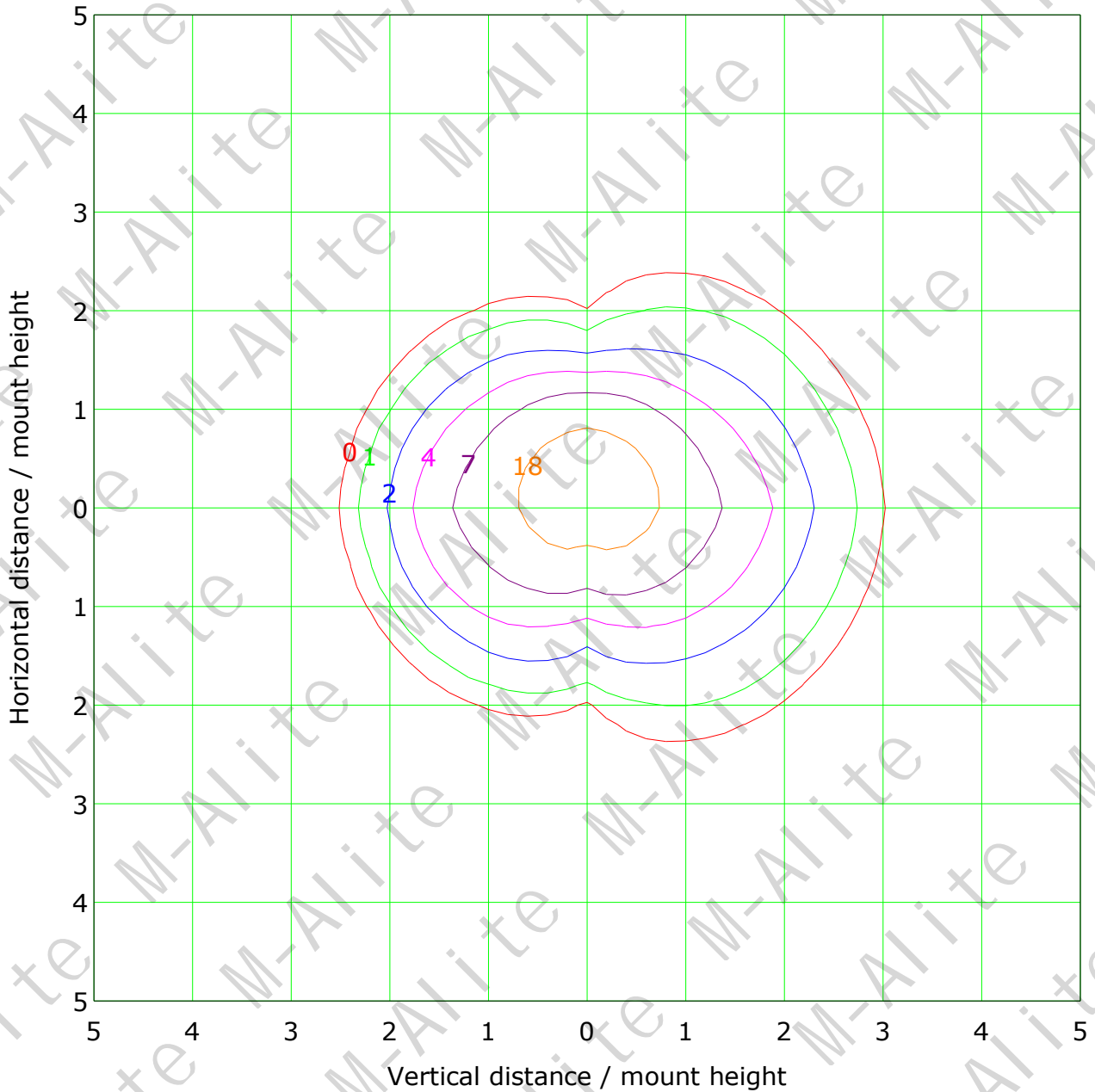
Imax (100%): 4012 cd

(1%): 20 cd	(1%): 40 cd
(2%): 80 cd	(3%): 120 cd
(4%): 160 cd	(5%): 201 cd
(6%): 241 cd	(7%): 281 cd
(8%): 321 cd	(11%): 441 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
Inspector:

IsoLux Plot

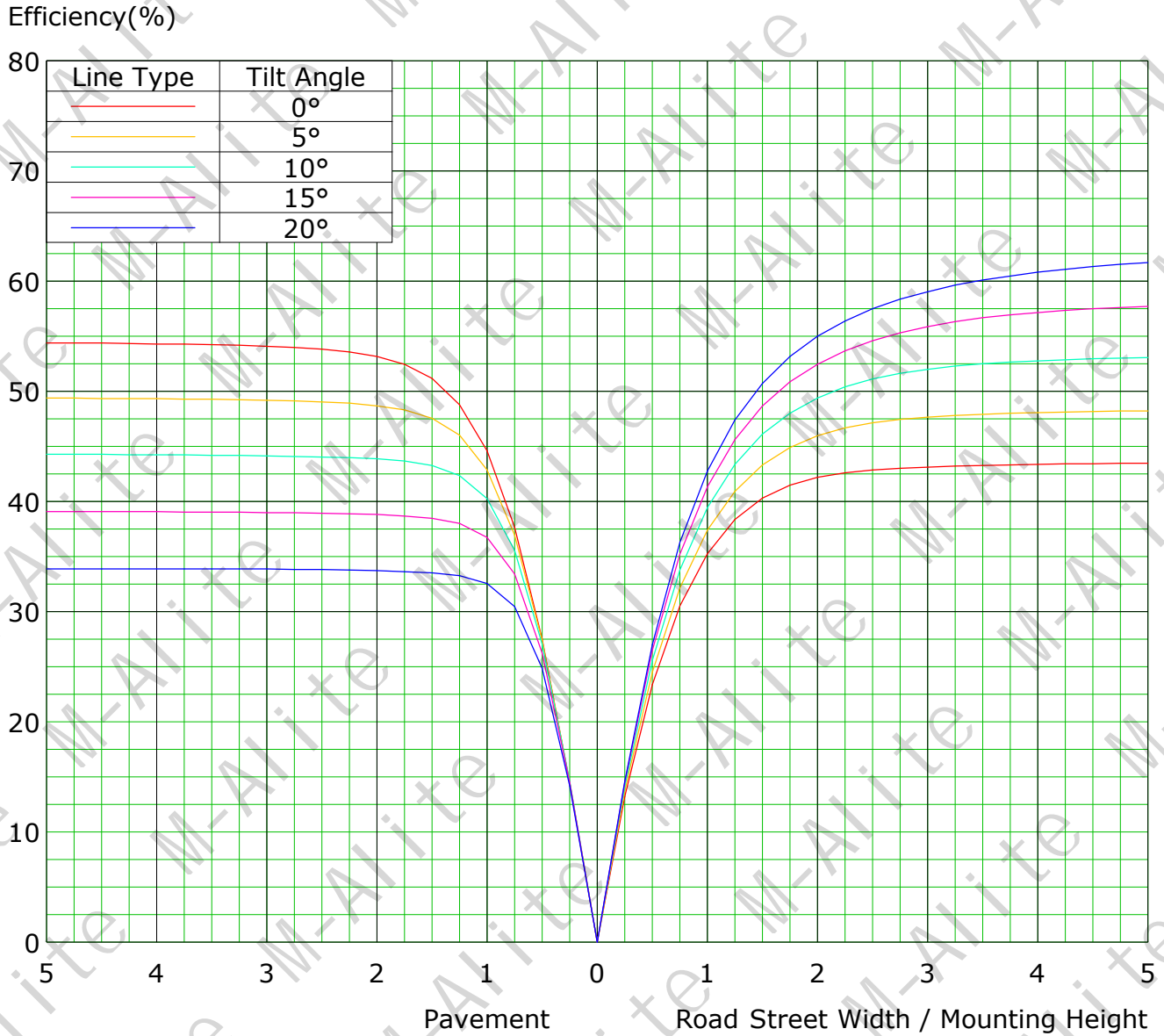


Mounting Height: 10.0m		Max Lux(100%): 35.9 lx	
— (1%):	0.4 lx	— (2%):	0.7 lx
— (5%):	1.8 lx	— (10%):	3.6 lx
— (20%):	7.2 lx	— (50%):	17.9 lx
— (100%):	35.9 lx		

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
Inspector:

Roadway CU Curve



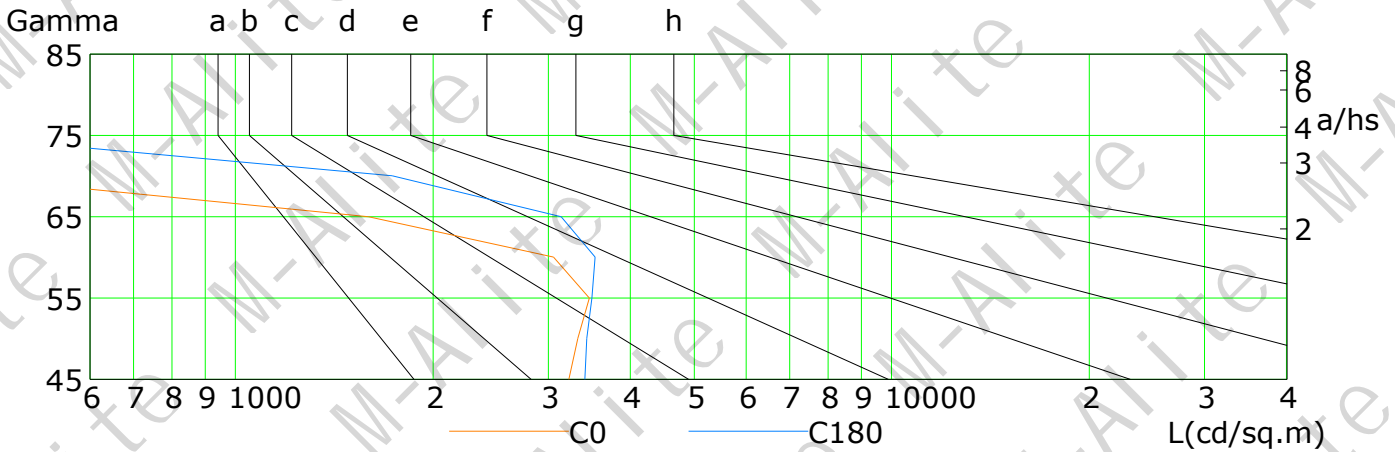
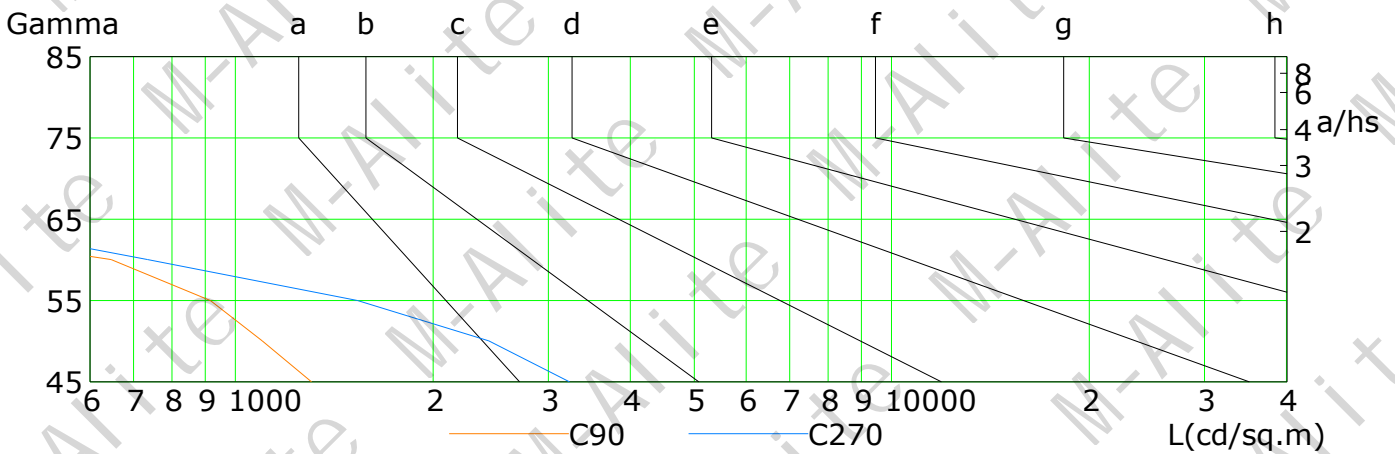
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Lum Limit Curve

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

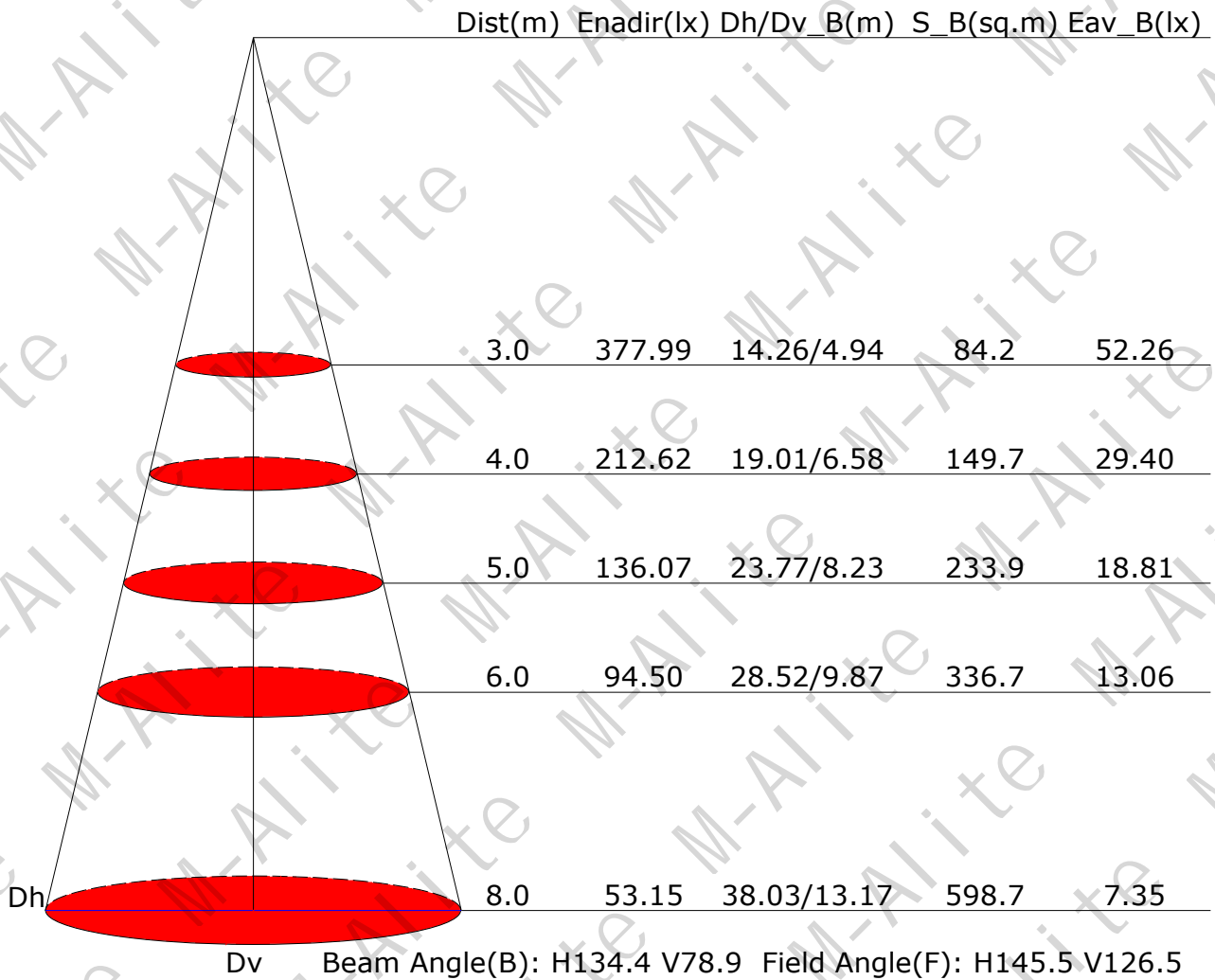


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3222	3323	3467	3056	1596	383	143	71	35
C90	1308	1099	917	647	290	240	198	144	11
C180	3411	3433	3494	3534	3136	1733	376	133	68
C270	3233	2433	1536	734	350	255	145	110	78

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3380.0	3.2	3.2	0.03	0.03
1.0-2.0	3378.7	9.7	12.9	0.09	0.12
2.0-3.0	3377.5	16.2	29.1	0.15	0.27
3.0-4.0	3374.9	22.6	51.7	0.21	0.48
4.0-5.0	3371.3	29.0	80.7	0.27	0.75
5.0-6.0	3366.9	35.4	116.1	0.33	1.09
6.0-7.0	3361.4	41.7	157.8	0.39	1.48
7.0-8.0	3355.7	48.0	205.8	0.45	1.93
8.0-9.0	3349.1	54.3	260.1	0.51	2.43
9.0-10.0	3341.5	60.5	320.6	0.57	3.00
10.0-11.0	3333.6	66.6	387.2	0.62	3.62
11.0-12.0	3324.7	72.7	459.9	0.68	4.30
12.0-13.0	3315.0	78.7	538.6	0.74	5.04
13.0-14.0	3303.9	84.6	623.2	0.79	5.83
14.0-15.0	3292.5	90.4	713.6	0.85	6.68
15.0-16.0	3281.5	96.2	809.7	0.90	7.58
16.0-17.0	3269.8	101.8	911.6	0.95	8.53
17.0-18.0	3258.5	107.4	1019.0	1.01	9.53
18.0-19.0	3247.0	113.0	1132.0	1.06	10.59
19.0-20.0	3235.5	118.4	1250.4	1.11	11.70
20.0-21.0	3224.9	123.8	1374.3	1.16	12.86
21.0-22.0	3213.9	129.2	1503.5	1.21	14.06
22.0-23.0	3203.8	134.4	1637.9	1.26	15.32
23.0-24.0	3195.4	139.7	1777.6	1.31	16.63
24.0-25.0	3187.6	145.0	1922.6	1.36	17.99
25.0-26.0	3179.1	150.1	2072.7	1.40	19.39
26.0-27.0	3169.8	155.1	2227.8	1.45	20.84
27.0-28.0	3159.8	160.0	2387.8	1.50	22.34
28.0-29.0	3149.4	164.8	2552.6	1.54	23.88
29.0-30.0	3138.3	169.5	2722.0	1.59	25.46
30.0-31.0	3126.5	174.0	2896.1	1.63	27.09
31.0-32.0	3113.6	178.4	3074.5	1.67	28.76
32.0-33.0	3099.6	182.6	3257.1	1.71	30.47
33.0-34.0	3085.6	186.8	3443.9	1.75	32.22
34.0-35.0	3070.1	190.7	3634.5	1.78	34.00
35.0-36.0	3053.0	194.4	3829.0	1.82	35.82

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	3035.1	198.0	4026.9	1.85	37.67
37.0-38.0	3015.7	201.3	4228.3	1.88	39.56
38.0-39.0	2995.1	204.5	4432.7	1.91	41.47
39.0-40.0	2971.4	207.3	4640.0	1.94	43.41
40.0-41.0	2944.9	209.7	4849.7	1.96	45.37
41.0-42.0	2917.3	212.0	5061.7	1.98	47.35
42.0-43.0	2885.3	213.8	5275.5	2.00	49.35
43.0-44.0	2850.5	215.2	5490.6	2.01	51.36
44.0-45.0	2813.6	216.3	5706.9	2.02	53.39
45.0-46.0	2773.6	216.9	5923.8	2.03	55.42
46.0-47.0	2731.9	217.3	6141.1	2.03	57.45
47.0-48.0	2686.6	217.2	6358.4	2.03	59.48
48.0-49.0	2641.0	216.9	6575.3	2.03	61.51
49.0-50.0	2595.5	216.4	6791.7	2.02	63.54
50.0-51.0	2548.4	215.6	7007.3	2.02	65.55
51.0-52.0	2502.6	214.8	7222.1	2.01	67.56
52.0-53.0	2457.9	213.8	7435.9	2.00	69.56
53.0-54.0	2414.7	212.9	7648.8	1.99	71.55
54.0-55.0	2373.8	211.9	7860.7	1.98	73.54
55.0-56.0	2326.7	210.3	8071.0	1.97	75.50
56.0-57.0	2271.1	207.7	8278.7	1.94	77.45
57.0-58.0	2208.3	204.2	8482.9	1.91	79.36
58.0-59.0	2131.7	199.3	8682.3	1.86	81.22
59.0-60.0	2041.0	192.8	8875.1	1.80	83.03
60.0-61.0	1938.1	185.0	9060.1	1.73	84.76
61.0-62.0	1820.7	175.5	9235.5	1.64	86.40
62.0-63.0	1693.7	164.7	9400.3	1.54	87.94
63.0-64.0	1554.1	152.5	9552.8	1.43	89.37
64.0-65.0	1411.0	139.7	9692.5	1.31	90.67
65.0-66.0	1272.0	126.9	9819.4	1.19	91.86
66.0-67.0	1131.7	113.8	9933.2	1.06	92.92
67.0-68.0	994.7	100.8	10034.0	0.94	93.87
68.0-69.0	856.6	87.4	10121.4	0.82	94.69
69.0-70.0	719.6	73.9	10195.3	0.69	95.38
70.0-71.0	593.8	61.4	10256.7	0.57	95.95
71.0-72.0	477.6	49.7	10306.3	0.46	96.42

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	376.1	39.3	10345.7	0.37	96.78
73.0-74.0	297.2	31.2	10376.9	0.29	97.08
74.0-75.0	239.1	25.3	10402.2	0.24	97.31
75.0-76.0	198.8	21.1	10423.3	0.20	97.51
76.0-77.0	170.4	18.2	10441.5	0.17	97.68
77.0-78.0	150.5	16.1	10457.6	0.15	97.83
78.0-79.0	135.3	14.5	10472.1	0.14	97.97
79.0-80.0	121.4	13.1	10485.2	0.12	98.09
80.0-81.0	108.7	11.8	10497.0	0.11	98.20
81.0-82.0	96.6	10.5	10507.4	0.10	98.30
82.0-83.0	82.3	8.9	10516.4	0.08	98.38
83.0-84.0	66.9	7.3	10523.7	0.07	98.45
84.0-85.0	53.8	5.9	10529.5	0.05	98.50
85.0-86.0	44.5	4.9	10534.4	0.05	98.55
86.0-87.0	39.3	4.3	10538.7	0.04	98.59
87.0-88.0	34.9	3.8	10542.5	0.04	98.63
88.0-89.0	30.8	3.4	10545.9	0.03	98.66
89.0-90.0	27.5	3.0	10548.9	0.03	98.68
90.0-91.0	24.5	2.7	10551.6	0.03	98.71
91.0-92.0	21.5	2.4	10554.0	0.02	98.73
92.0-93.0	18.3	2.0	10556.0	0.02	98.75
93.0-94.0	15.1	1.6	10557.6	0.02	98.77
94.0-95.0	13.1	1.4	10559.1	0.01	98.78
95.0-96.0	12.1	1.3	10560.4	0.01	98.79
96.0-97.0	11.3	1.2	10561.6	0.01	98.80
97.0-98.0	10.9	1.2	10562.8	0.01	98.81
98.0-99.0	10.8	1.2	10564.0	0.01	98.83
99.0-100.0	11.0	1.2	10565.2	0.01	98.84
100.0-101.0	11.4	1.2	10566.4	0.01	98.85
101.0-102.0	11.8	1.3	10567.6	0.01	98.86
102.0-103.0	12.2	1.3	10569.0	0.01	98.87
103.0-104.0	12.7	1.4	10570.3	0.01	98.88
104.0-105.0	13.2	1.4	10571.7	0.01	98.90
105.0-106.0	13.7	1.4	10573.2	0.01	98.91
106.0-107.0	14.2	1.5	10574.7	0.01	98.93
107.0-108.0	14.7	1.5	10576.2	0.01	98.94

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
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	15.2	1.6	10577.8	0.01	98.95
109.0-110.0	15.8	1.6	10579.4	0.02	98.97
110.0-111.0	16.3	1.7	10581.1	0.02	98.99
111.0-112.0	16.8	1.7	10582.8	0.02	99.00
112.0-113.0	17.4	1.8	10584.6	0.02	99.02
113.0-114.0	17.9	1.8	10586.4	0.02	99.03
114.0-115.0	18.4	1.8	10588.2	0.02	99.05
115.0-116.0	18.9	1.9	10590.1	0.02	99.07
116.0-117.0	19.5	1.9	10592.0	0.02	99.09
117.0-118.0	20.0	1.9	10593.9	0.02	99.11
118.0-119.0	20.5	2.0	10595.9	0.02	99.12
119.0-120.0	21.0	2.0	10597.9	0.02	99.14
120.0-121.0	21.6	2.0	10599.9	0.02	99.16
121.0-122.0	22.2	2.1	10602.0	0.02	99.18
122.0-123.0	22.8	2.1	10604.1	0.02	99.20
123.0-124.0	23.3	2.1	10606.2	0.02	99.22
124.0-125.0	23.9	2.2	10608.4	0.02	99.24
125.0-126.0	24.4	2.2	10610.6	0.02	99.26
126.0-127.0	24.8	2.2	10612.8	0.02	99.28
127.0-128.0	25.3	2.2	10615.0	0.02	99.30
128.0-129.0	25.8	2.2	10617.2	0.02	99.32
129.0-130.0	26.3	2.2	10619.4	0.02	99.34
130.0-131.0	26.6	2.2	10621.6	0.02	99.36
131.0-132.0	27.0	2.2	10623.8	0.02	99.39
132.0-133.0	27.4	2.2	10626.1	0.02	99.41
133.0-134.0	27.8	2.2	10628.3	0.02	99.43
134.0-135.0	28.1	2.2	10630.5	0.02	99.45
135.0-136.0	28.4	2.2	10632.7	0.02	99.47
136.0-137.0	28.8	2.2	10634.8	0.02	99.49
137.0-138.0	29.2	2.2	10637.0	0.02	99.51
138.0-139.0	29.6	2.1	10639.1	0.02	99.53
139.0-140.0	29.9	2.1	10641.3	0.02	99.55
140.0-141.0	30.2	2.1	10643.4	0.02	99.57
141.0-142.0	30.5	2.1	10645.4	0.02	99.59
142.0-143.0	30.8	2.1	10647.5	0.02	99.61
143.0-144.0	31.0	2.0	10649.5	0.02	99.63

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.284 m
Humidity: 55
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	31.2	2.0	10651.5	0.02	99.64
145.0-146.0	31.4	2.0	10653.5	0.02	99.66
146.0-147.0	31.6	1.9	10655.4	0.02	99.68
147.0-148.0	31.7	1.9	10657.2	0.02	99.70
148.0-149.0	31.9	1.8	10659.1	0.02	99.72
149.0-150.0	32.0	1.8	10660.8	0.02	99.73
150.0-151.0	32.1	1.7	10662.6	0.02	99.75
151.0-152.0	32.3	1.7	10664.3	0.02	99.76
152.0-153.0	32.4	1.6	10665.9	0.02	99.78
153.0-154.0	32.6	1.6	10667.5	0.01	99.79
154.0-155.0	32.7	1.5	10669.1	0.01	99.81
155.0-156.0	32.9	1.5	10670.6	0.01	99.82
156.0-157.0	33.1	1.4	10672.0	0.01	99.84
157.0-158.0	33.3	1.4	10673.4	0.01	99.85
158.0-159.0	33.6	1.4	10674.7	0.01	99.86
159.0-160.0	33.9	1.3	10676.1	0.01	99.87
160.0-161.0	34.3	1.3	10677.3	0.01	99.89
161.0-162.0	34.7	1.2	10678.5	0.01	99.90
162.0-163.0	35.0	1.2	10679.7	0.01	99.91
163.0-164.0	35.2	1.1	10680.8	0.01	99.92
164.0-165.0	35.4	1.0	10681.8	0.01	99.93
165.0-166.0	35.6	1.0	10682.8	0.01	99.94
166.0-167.0	35.7	0.9	10683.7	0.01	99.95
167.0-168.0	35.8	0.8	10684.5	0.01	99.95
168.0-169.0	35.8	0.8	10685.3	0.01	99.96
169.0-170.0	36.0	0.7	10686.0	0.01	99.97
170.0-171.0	36.1	0.7	10686.7	0.01	99.97
171.0-172.0	36.2	0.6	10687.3	0.01	99.98
172.0-173.0	36.4	0.5	10687.8	0.00	99.98
173.0-174.0	36.5	0.5	10688.3	0.00	99.99
174.0-175.0	36.6	0.4	10688.6	0.00	99.99
175.0-176.0	36.7	0.3	10689.0	0.00	99.99
176.0-177.0	36.7	0.2	10689.2	0.00	100.00
177.0-178.0	36.7	0.2	10689.4	0.00	100.00
178.0-179.0	36.8	0.1	10689.5	0.00	100.00
179.0-180.0	36.9	0.0	10689.5	0.00	100.00

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	3401.9	3359.9	3401.9	3359.9	3401.9					
G1.0	3399.8	3308.9	3403.7	3403.8	3399.8					
G2.0	3398.7	3262.6	3405.7	3446.6	3398.7					
G3.0	3397.4	3209.5	3406.7	3492.9	3397.4					
G4.0	3396.1	3157.7	3407.3	3531.4	3396.1					
G5.0	3393.3	3106.3	3407.8	3570.6	3393.3					
G6.0	3388.9	3046.3	3408.2	3613.7	3388.9					
G7.0	3382.7	2991.9	3409.0	3650.6	3382.7					
G8.0	3376.7	2936.4	3410.0	3688.6	3376.7					
G9.0	3371.5	2875.0	3412.0	3722.5	3371.5					
G10.0	3367.7	2815.3	3412.8	3755.5	3367.7					
G11.0	3364.6	2751.5	3412.2	3789.5	3364.6					
G12.0	3361.4	2690.3	3411.0	3816.8	3361.4					
G13.0	3356.7	2631.2	3409.1	3843.8	3356.7					
G14.0	3350.2	2563.5	3406.9	3870.1	3350.2					
G15.0	3344.3	2505.3	3406.0	3893.3	3344.3					
G16.0	3336.6	2446.4	3405.6	3914.6	3336.6					
G17.0	3328.6	2386.6	3406.0	3933.7	3328.6					
G18.0	3321.6	2333.9	3406.1	3951.1	3321.6					
G19.0	3313.4	2277.4	3406.1	3966.2	3313.4					
G20.0	3305.7	2231.8	3405.5	3978.0	3305.7					
G21.0	3297.2	2186.9	3404.2	3989.7	3297.2					
G22.0	3288.0	2144.4	3403.6	3997.1	3288.0					
G23.0	3280.2	2110.9	3403.3	4002.6	3280.2					
G24.0	3272.4	2083.7	3403.2	4007.3	3272.4					
G25.0	3264.4	2055.0	3403.3	4011.4	3264.4					
G26.0	3255.9	2026.8	3404.5	4011.8	3255.9					
G27.0	3247.4	1994.2	3406.6	4011.4	3247.4					
G28.0	3239.4	1962.6	3408.9	4007.9	3239.4					
G29.0	3230.6	1930.7	3412.9	4002.4	3230.6					
G30.0	3221.5	1893.5	3417.7	3997.1	3221.5					
G31.0	3213.1	1859.7	3420.9	3988.7	3213.1					
G32.0	3204.7	1822.3	3421.6	3977.6	3204.7					
G33.0	3198.5	1786.1	3420.9	3965.0	3198.5					
G34.0	3192.4	1751.9	3420.1	3949.9	3192.4					
G35.0	3187.7	1711.9	3417.7	3929.2	3187.7					
G36.0	3183.7	1673.1	3414.5	3906.3	3183.7					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	3181.5	1635.4	3411.4	3874.9	3181.5					
G38.0	3180.7	1594.3	3409.4	3838.1	3180.7					
G39.0	3181.4	1554.6	3408.7	3793.6	3181.4					
G40.0	3183.4	1511.7	3407.1	3730.6	3183.4					
G41.0	3187.1	1471.1	3407.4	3661.0	3187.1					
G42.0	3193.1	1430.3	3407.1	3581.6	3193.1					
G43.0	3200.9	1387.9	3407.8	3473.4	3200.9					
G44.0	3211.1	1347.4	3409.4	3366.3	3211.1					
G45.0	3222.1	1307.8	3411.4	3233.3	3222.1					
G46.0	3236.6	1262.4	3414.1	3101.3	3236.6					
G47.0	3252.5	1222.5	3416.8	2948.7	3252.5					
G48.0	3274.2	1177.4	3421.3	2779.2	3274.2					
G49.0	3296.8	1137.9	3426.8	2614.4	3296.8					
G50.0	3323.1	1099.5	3432.6	2432.8	3323.1					
G51.0	3357.0	1060.0	3441.9	2240.2	3357.0					
G52.0	3389.5	1025.8	3452.2	2054.6	3389.5					
G53.0	3420.7	990.0	3464.4	1866.4	3420.7					
G54.0	3449.7	949.9	3478.0	1698.8	3449.7					
G55.0	3466.5	917.1	3494.5	1536.1	3466.5					
G56.0	3458.0	879.3	3514.4	1347.8	3458.0					
G57.0	3418.2	840.7	3528.3	1182.1	3418.2					
G58.0	3339.9	794.5	3539.7	1022.8	3339.9					
G59.0	3215.8	730.8	3543.8	866.4	3215.8					
G60.0	3055.7	646.9	3533.8	734.5	3055.7					
G61.0	2859.8	555.7	3506.8	611.4	2859.8					
G62.0	2590.6	466.5	3460.9	513.7	2590.6					
G63.0	2300.0	382.8	3393.1	441.8	2300.0					
G64.0	1927.1	320.5	3283.7	384.1	1927.1					
G65.0	1596.2	290.0	3136.5	349.9	1596.2					
G66.0	1268.4	277.3	2937.6	320.0	1268.4					
G67.0	968.8	269.1	2715.4	297.0	968.8					
G68.0	725.8	261.0	2437.9	282.7	725.8					
G69.0	529.6	250.0	2096.0	269.8	529.6					
G70.0	382.7	240.4	1732.8	255.4	382.7					
G71.0	289.7	231.9	1387.8	229.4	289.7					
G72.0	225.9	222.9	1036.9	195.9	225.9					
G73.0	191.4	215.6	750.3	169.8	191.4					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	165.8	207.2	523.8	153.4	165.8					
G75.0	143.3	197.9	376.4	144.6	143.3					
G76.0	123.6	189.9	276.8	138.1	123.6					
G77.0	106.1	180.2	218.1	130.6	106.1					
G78.0	94.1	169.8	182.5	123.0	94.1					
G79.0	82.7	157.9	156.0	116.3	82.7					
G80.0	71.4	143.7	132.9	110.1	71.4					
G81.0	61.4	129.5	116.3	104.4	61.4					
G82.0	52.6	109.2	101.4	98.0	52.6					
G83.0	45.8	70.5	89.2	91.5	45.8					
G84.0	40.3	34.4	78.4	85.2	40.3					
G85.0	34.9	10.7	68.4	77.8	34.9					
G86.0	30.6	4.3	59.2	70.5	30.6					
G87.0	26.7	6.9	52.3	63.7	26.7					
G88.0	24.0	4.0	46.1	55.7	24.0					
G89.0	22.7	3.6	41.4	48.7	22.7					
G90.0	22.6	3.9	36.8	40.2	22.6					
G91.0	22.3	4.3	33.0	32.5	22.3					
G92.0	21.0	4.6	30.3	24.4	21.0					
G93.0	18.6	5.2	27.7	14.5	18.6					
G94.0	15.9	5.5	25.9	7.3	15.9					
G95.0	15.1	6.0	23.1	6.1	15.1					
G96.0	14.9	6.5	19.0	5.8	14.9					
G97.0	15.1	7.0	16.5	5.4	15.1					
G98.0	15.3	7.5	14.8	5.3	15.3					
G99.0	15.6	8.3	14.3	5.5	15.6					
G100.0	16.2	8.5	14.1	5.7	16.2					
G101.0	16.9	9.3	14.3	5.9	16.9					
G102.0	17.4	9.8	14.6	6.3	17.4					
G103.0	17.9	10.3	15.1	6.5	17.9					
G104.0	18.4	11.0	15.5	6.9	18.4					
G105.0	18.9	11.6	16.0	7.1	18.9					
G106.0	19.5	12.3	16.6	7.4	19.5					
G107.0	20.1	12.8	17.1	7.8	20.1					
G108.0	20.7	13.4	17.5	8.2	20.7					
G109.0	21.3	14.1	18.1	8.5	21.3					
G110.0	21.8	14.7	18.7	9.0	21.8					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	22.2	15.5	19.3	9.3	22.2					
G112.0	22.8	16.1	19.7	9.6	22.8					
G113.0	23.2	16.7	20.5	10.1	23.2					
G114.0	23.6	17.4	20.9	10.5	23.6					
G115.0	24.3	18.1	21.3	10.8	24.3					
G116.0	24.9	18.7	21.8	11.3	24.9					
G117.0	25.4	19.4	22.4	11.7	25.4					
G118.0	25.9	20.0	22.8	12.1	25.9					
G119.0	26.6	20.4	23.3	12.5	26.6					
G120.0	27.3	21.3	23.8	13.0	27.3					
G121.0	28.1	21.9	24.3	13.3	28.1					
G122.0	28.8	22.6	24.8	13.8	28.8					
G123.0	29.5	23.1	25.2	14.2	29.5					
G124.0	30.0	23.8	25.6	14.7	30.0					
G125.0	30.8	24.4	26.3	15.3	30.8					
G126.0	31.2	24.9	26.6	15.6	31.2					
G127.0	31.6	25.5	27.2	16.2	31.6					
G128.0	32.0	26.2	27.4	16.7	32.0					
G129.0	32.3	26.8	28.0	17.2	32.3					
G130.0	32.4	27.4	28.3	17.8	32.4					
G131.0	32.4	28.0	28.7	18.2	32.4					
G132.0	32.5	28.5	29.0	18.7	32.5					
G133.0	32.6	29.2	29.5	19.1	32.6					
G134.0	32.5	29.8	29.8	19.5	32.5					
G135.0	32.5	30.4	30.1	20.2	32.5					
G136.0	32.5	31.1	30.4	20.5	32.5					
G137.0	32.5	31.7	30.7	20.9	32.5					
G138.0	32.8	32.2	31.1	21.4	32.8					
G139.0	33.0	32.7	31.3	21.8	33.0					
G140.0	33.1	33.2	31.6	22.2	33.1					
G141.0	33.2	33.7	32.0	22.7	33.2					
G142.0	33.4	33.9	32.2	23.0	33.4					
G143.0	33.5	34.2	32.5	23.4	33.5					
G144.0	33.6	34.2	32.8	23.8	33.6					
G145.0	33.7	34.4	33.3	24.0	33.7					
G146.0	33.7	34.4	33.5	24.3	33.7					
G147.0	33.6	34.4	33.8	24.8	33.6					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	33.5	34.5	34.1	25.0	33.5					
G149.0	33.5	34.8	34.3	25.4	33.5					
G150.0	33.5	34.9	34.4	25.4	33.5					
G151.0	33.5	35.0	34.6	25.8	33.5					
G152.0	33.5	35.1	34.8	25.9	33.5					
G153.0	33.5	35.3	34.9	26.2	33.5					
G154.0	33.5	35.5	35.0	26.6	33.5					
G155.0	33.5	35.8	35.0	27.0	33.5					
G156.0	33.6	35.9	35.1	27.4	33.6					
G157.0	33.7	36.1	35.2	27.8	33.7					
G158.0	34.0	36.7	35.0	28.1	34.0					
G159.0	34.4	37.1	35.1	28.5	34.4					
G160.0	34.8	37.5	35.2	29.0	34.8					
G161.0	35.2	38.3	35.3	29.5	35.2					
G162.0	35.8	38.3	35.3	30.0	35.8					
G163.0	36.0	38.9	35.3	30.4	36.0					
G164.0	36.1	38.8	35.3	30.8	36.1					
G165.0	36.2	39.0	35.5	31.3	36.2					
G166.0	36.2	38.9	35.5	31.8	36.2					
G167.0	36.4	38.9	35.6	32.2	36.4					
G168.0	36.6	38.5	35.7	32.5	36.6					
G169.0	36.6	38.3	35.8	32.9	36.6					
G170.0	36.8	38.2	36.0	33.1	36.8					
G171.0	36.7	38.2	36.2	33.5	36.7					
G172.0	36.7	38.3	36.3	33.8	36.7					
G173.0	37.0	38.3	36.5	34.2	37.0					
G174.0	37.1	38.0	36.6	34.5	37.1					
G175.0	37.1	37.5	36.7	34.9	37.1					
G176.0	37.1	37.5	37.0	35.3	37.1					
G177.0	37.1	37.1	37.1	35.5	37.1					
G178.0	37.2	36.9	37.1	35.8	37.2					
G179.0	37.2	36.6	37.4	36.2	37.2					
G180.0	37.2	36.3	37.5	36.5	37.2					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.284 m
 Humidity: 55
 Inspector: