

Report No.:

Test Time: 2023-07-11 15:58

Luminaire Property

Luminaire Manufacturer:

Lamp Catalog: LED

Luminous Width (mm): 100

Voltage: 119.9 V

Power: 23.90 W

Luminous Length (mm): 600

Luminous Height (mm): 30

Current: 0.202 A

Power Factor: 0.985

Photometric Results

CIE Class: Direct

Measurement Flux: 3381.5 lm

Downward Ratio: 94%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 206.4, 160.9, 184.7, 184.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 124.8, 105.7, 114.6, 114.7

Luminaire Efficacy Rating (LER): 141.53

Max. Intensity: 1023.97 cd

S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 3381.5 lm

Efficiency: 100%

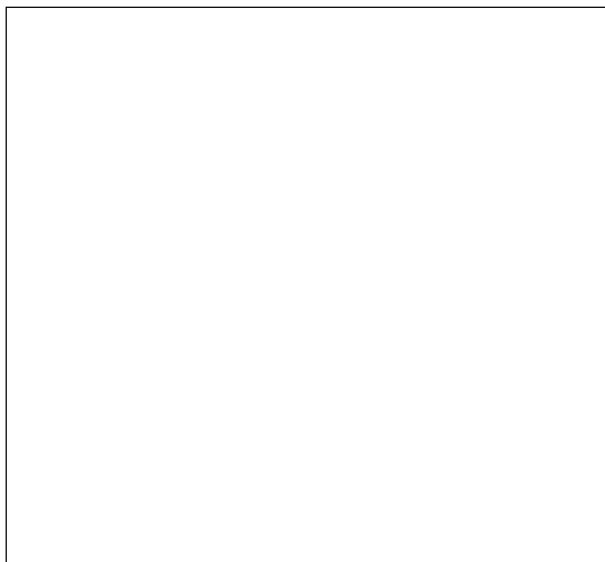
Upward Ratio: 6%

Central Intensity: 1023.21 cd

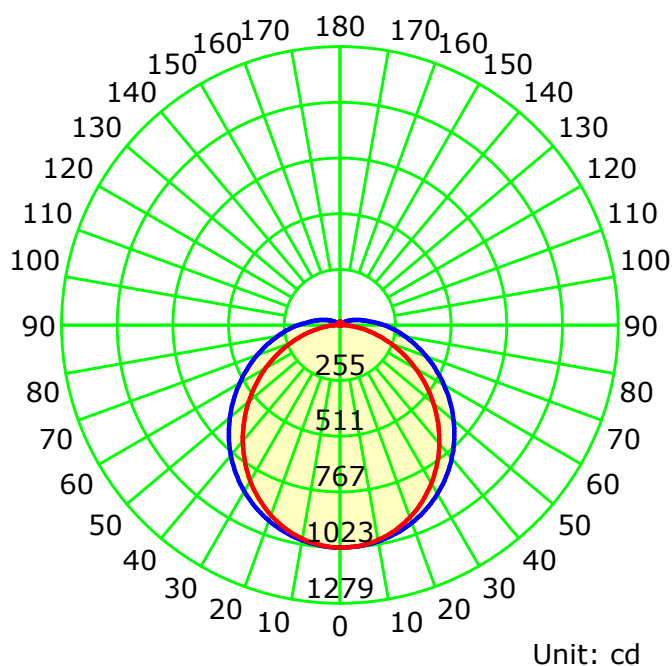
Pos of Max. Intensity: H30 V1

S/MH(C90/C270): 1.21

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

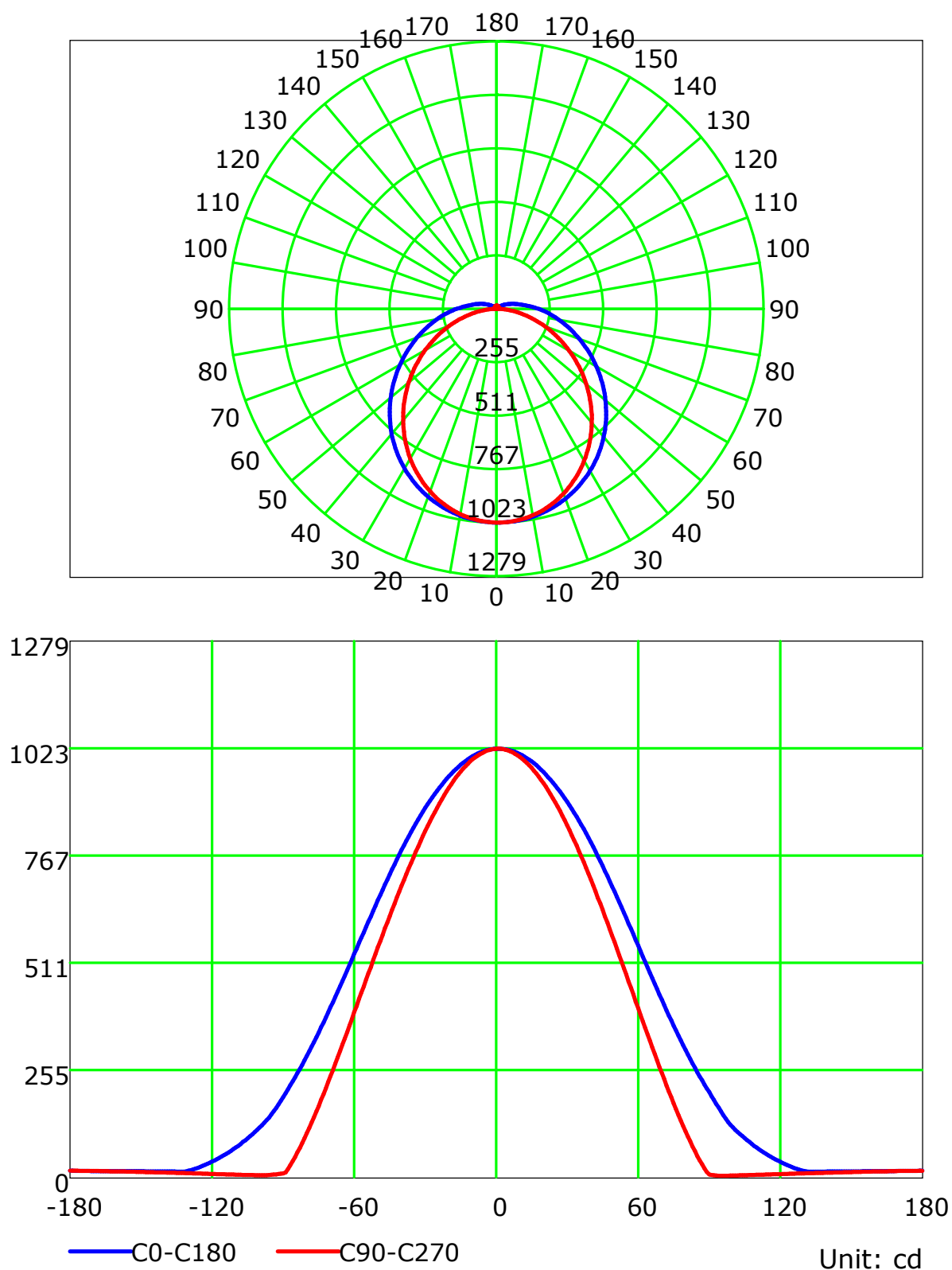
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

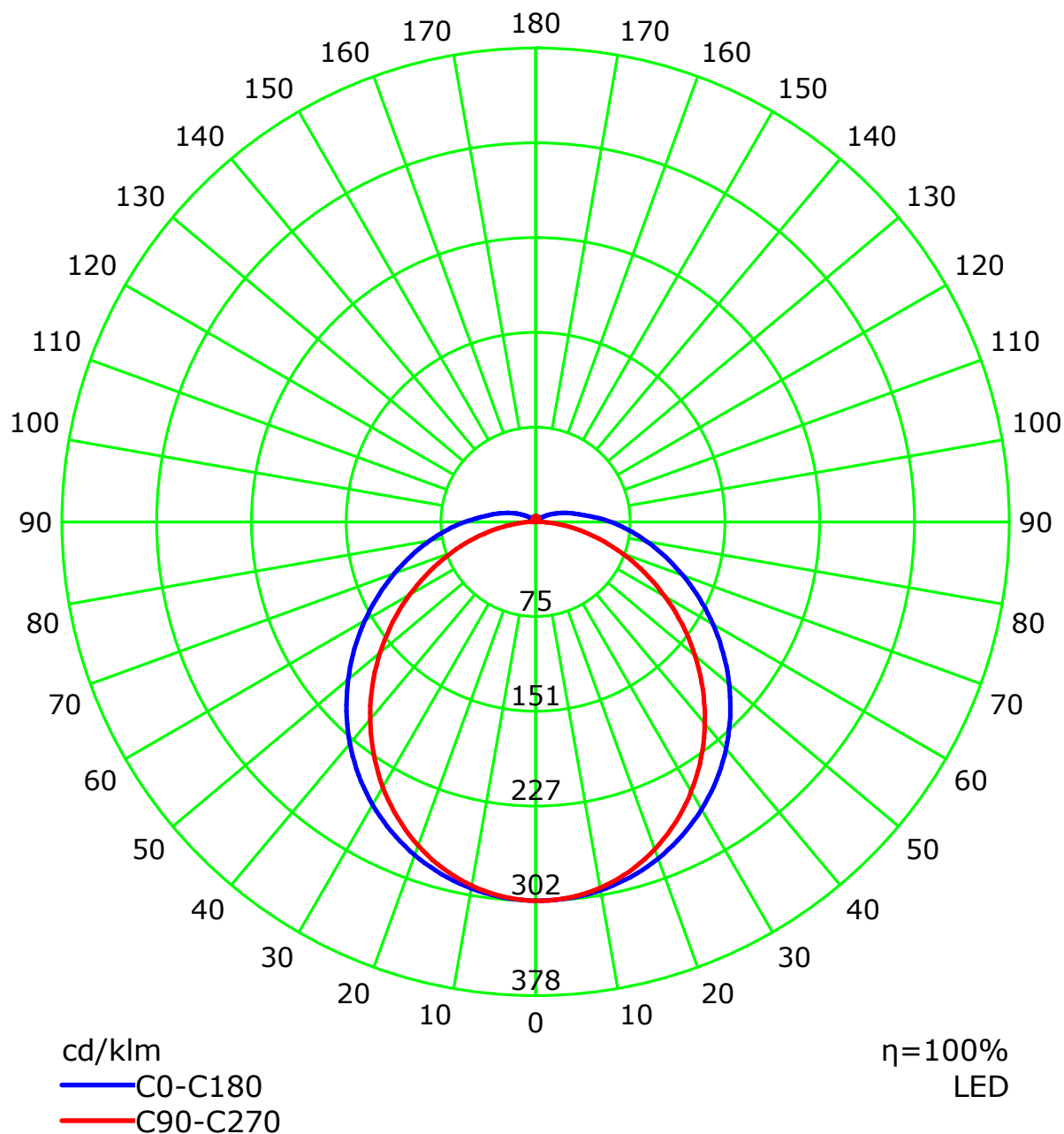
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

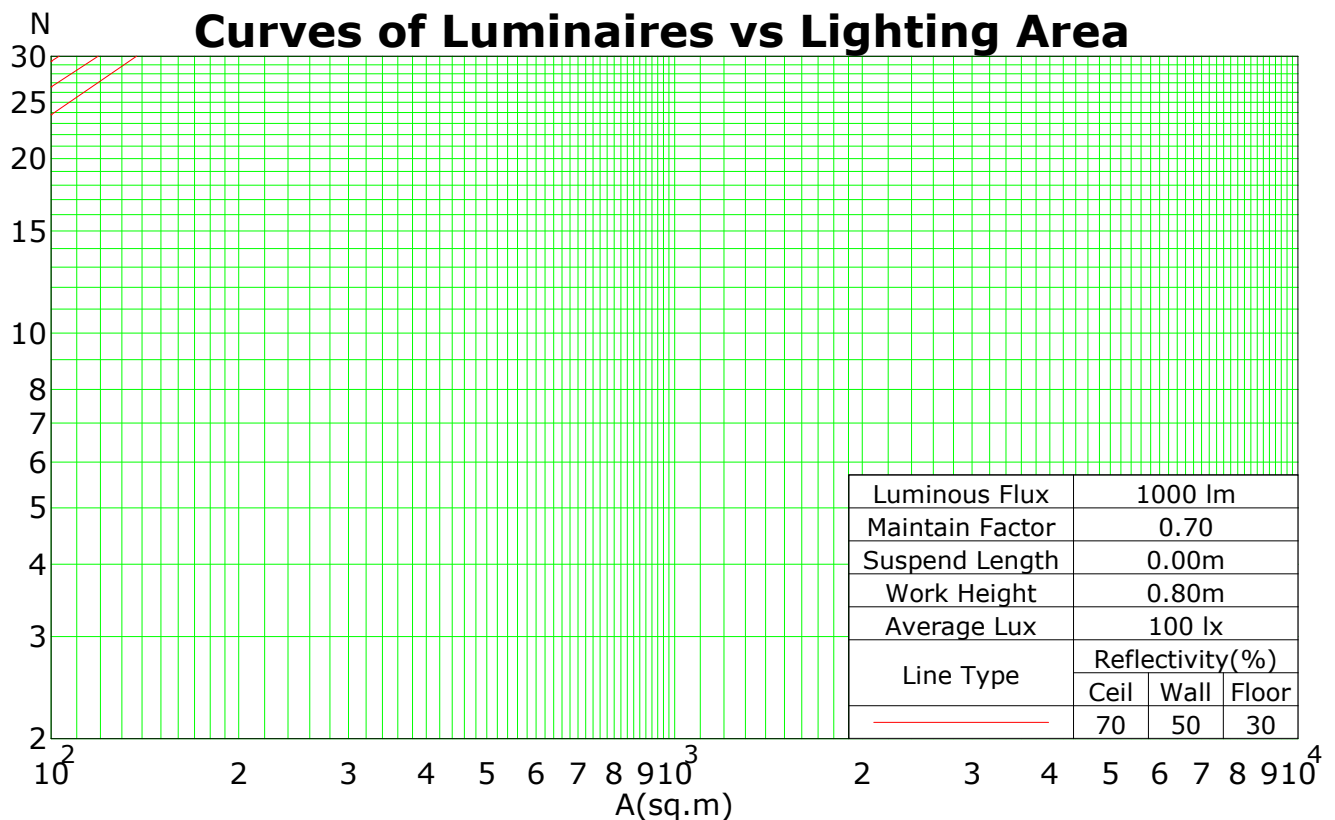
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	106	100	95	91	102	97	93	89	92	88	85	87	84	81	82	80	78	75
2	96	87	79	73	92	84	77	72	79	74	69	75	70	66	71	67	64	61
3	87	76	67	60	84	74	66	59	70	63	57	66	60	55	63	58	54	51
4	79	67	58	51	76	65	56	50	62	54	48	59	52	47	56	50	46	43
5	73	59	50	43	70	58	49	43	55	48	42	52	46	41	50	44	40	37
6	67	53	44	38	65	52	44	37	50	42	36	47	41	36	45	39	35	33
7	62	48	39	33	60	47	39	33	45	38	32	43	36	31	41	35	31	29
8	58	44	35	29	56	43	35	29	41	34	29	40	33	28	38	32	28	26
9	54	40	32	26	52	40	32	26	38	31	26	36	30	25	35	29	25	23
10	51	37	29	24	49	37	29	24	35	28	23	34	27	23	33	27	23	21

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.21

Spacing Criteria (Diagonal): 1.37



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

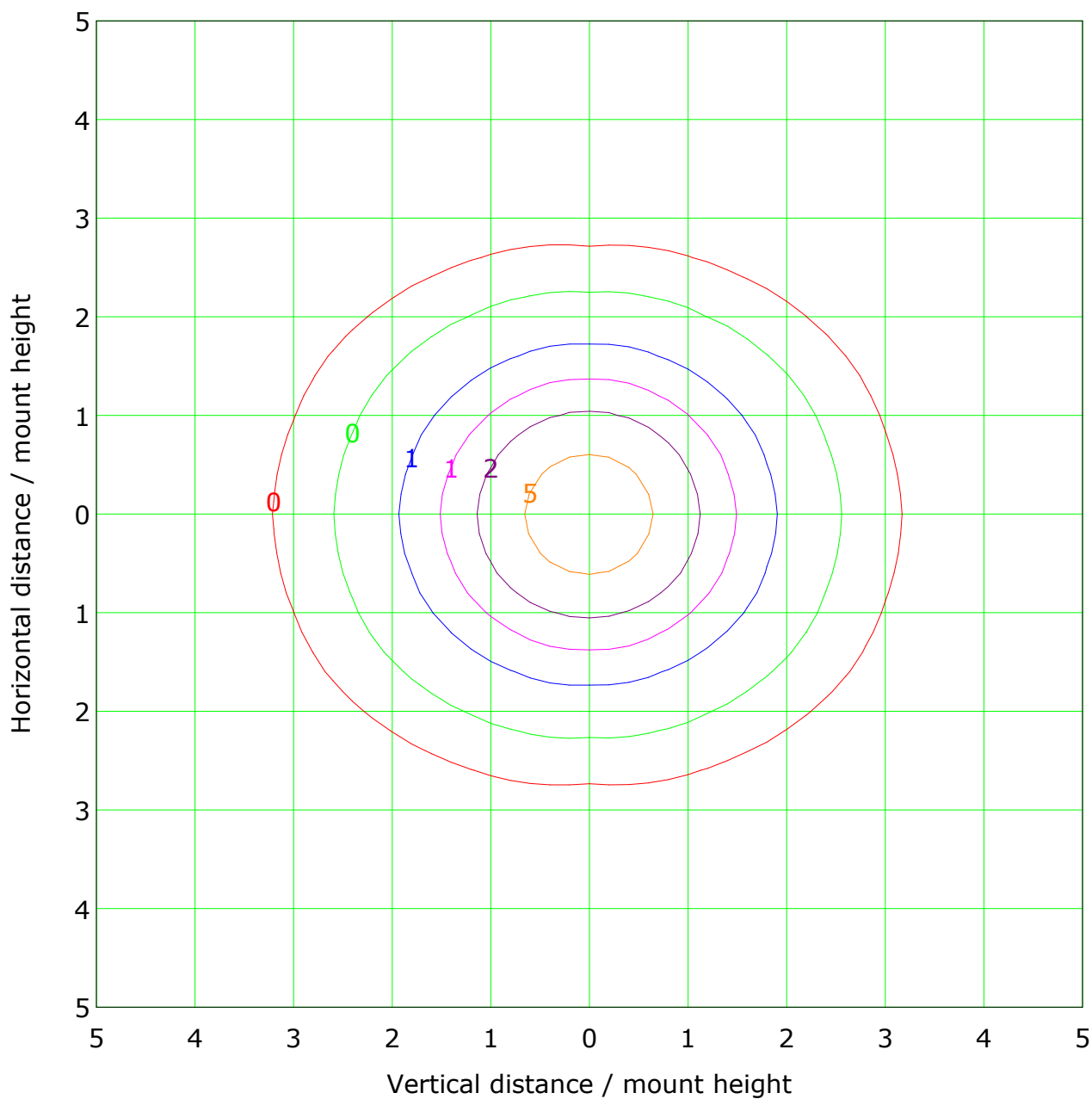
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 10.2 lx

(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.5 lx	(10%): 1.0 lx
(20%): 2.0 lx	(50%): 5.1 lx
(100%): 10.2 lx	

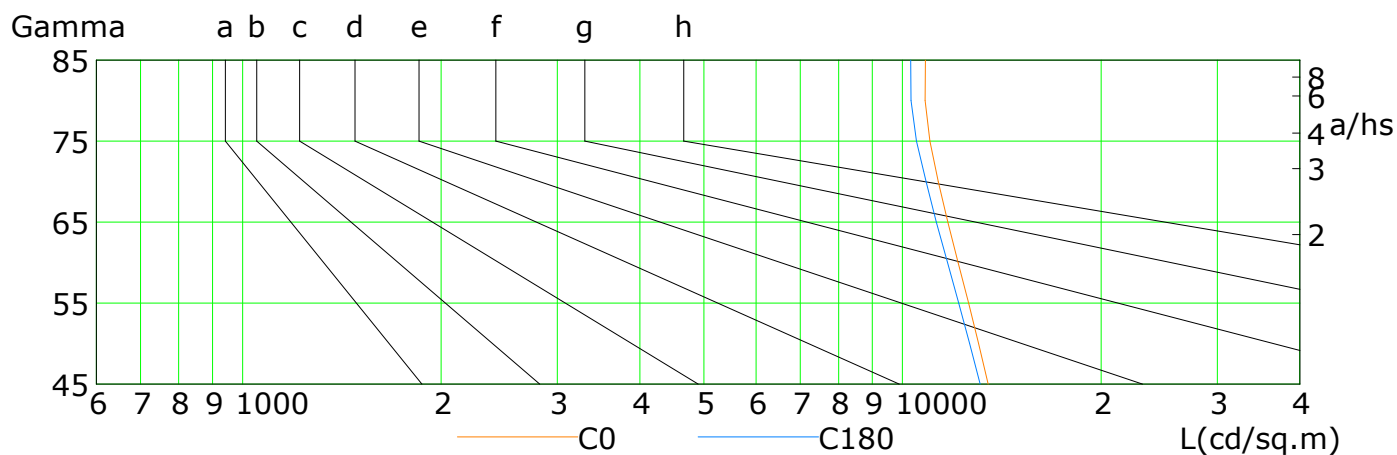
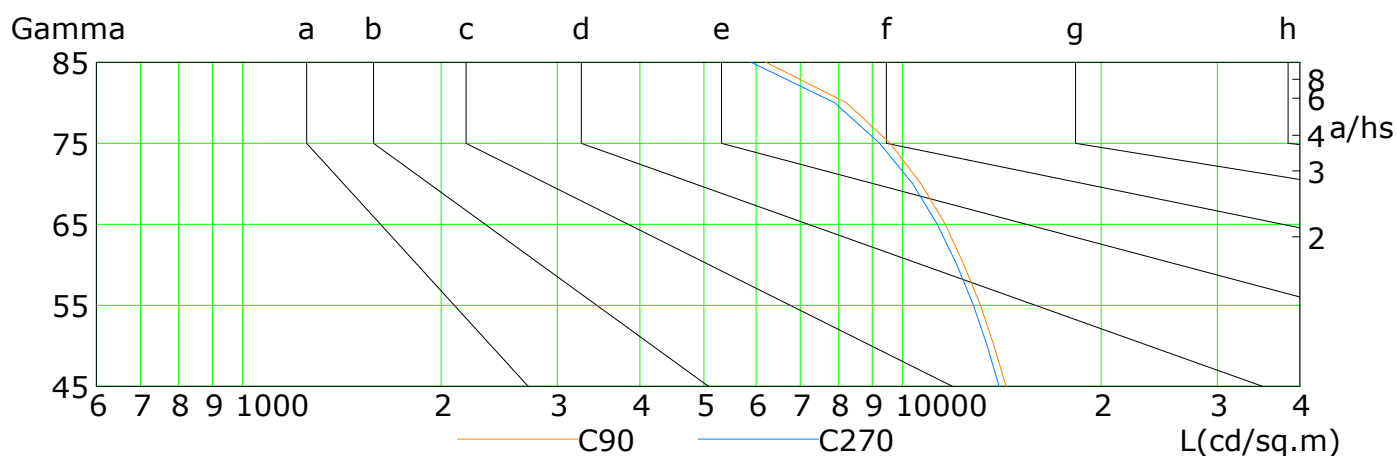
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
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

a b c d e f g h

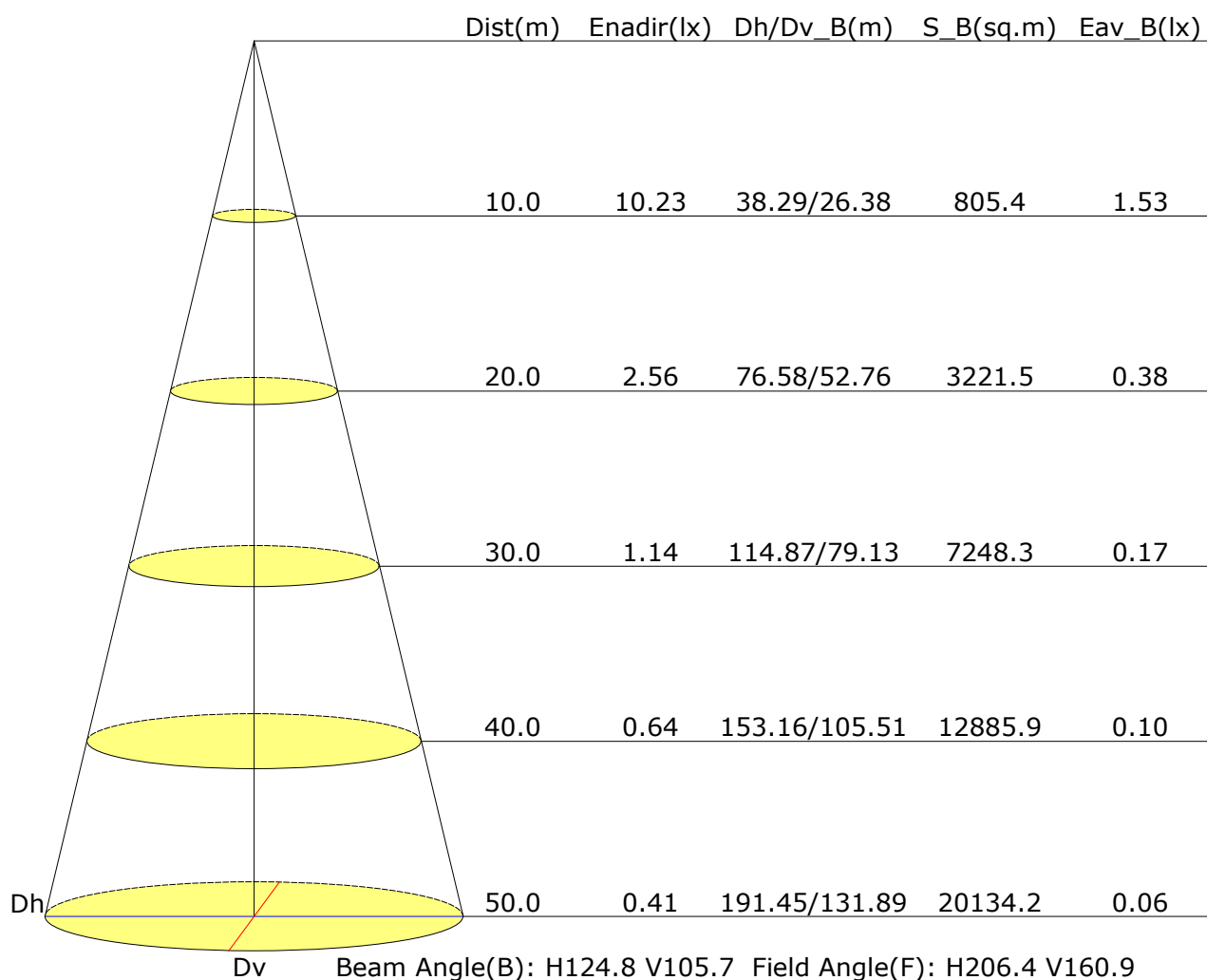


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13488	13038	12598	12140	11717	11322	11009	10817	10838
C90	14351	13758	13132	12390	11614	10667	9581	8221	6212
C180	13110	12639	12165	11699	11247	10853	10504	10304	10293
C270	14000	13439	12802	12091	11288	10364	9238	7887	5899

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

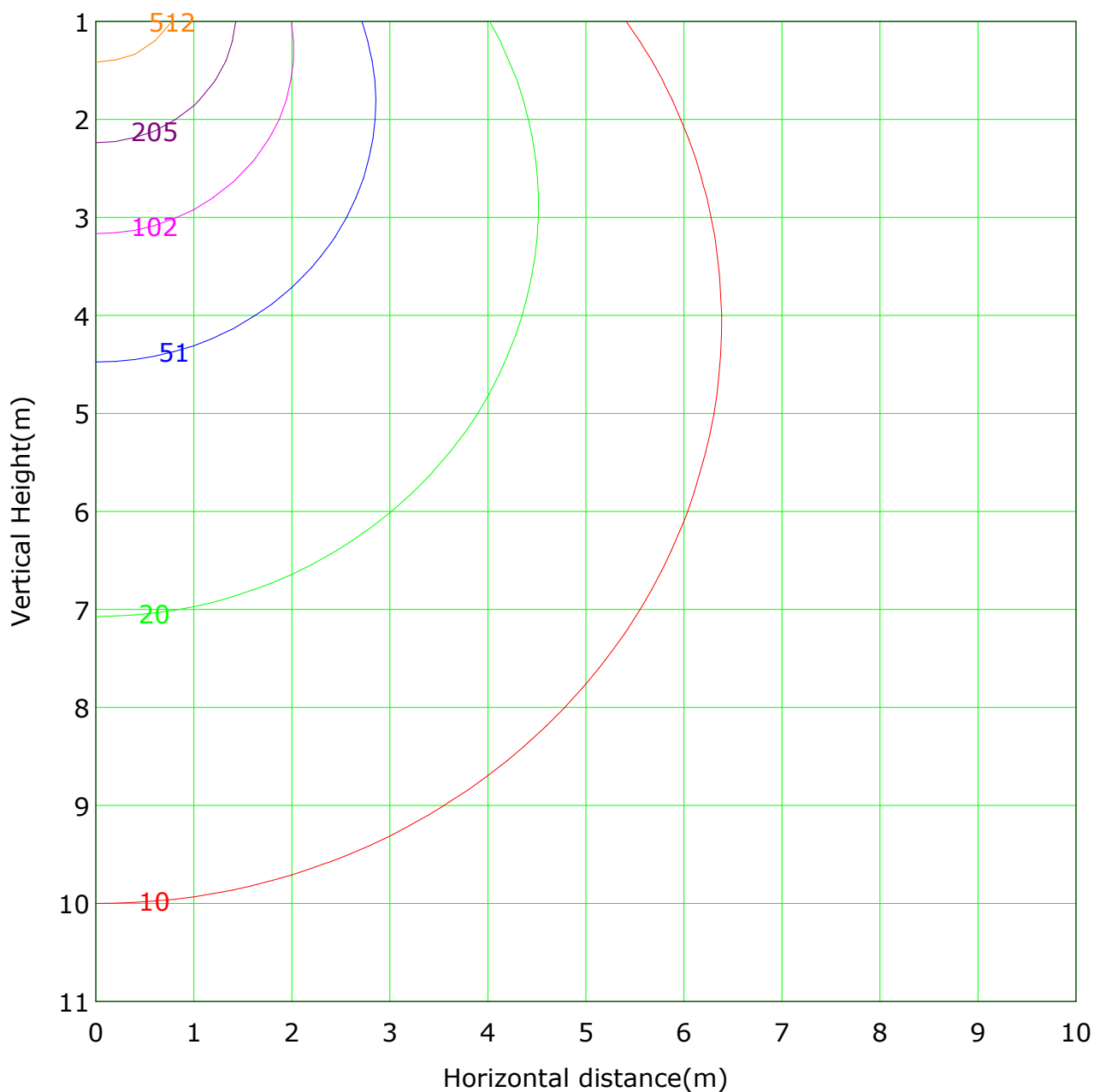
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1023.2 lx

(1%): 10.2 lx	(2%): 20.5 lx
(5%): 51.2 lx	(10%): 102.3 lx
(20%): 204.6 lx	(50%): 511.6 lx
(100%):1023.2 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

Vertical plane																			Orbit, min									
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)	Flux(T)	Flux(E)						
0.5	1.5	2.3	2.9	3.2	3.1	2.8	2.4	1.9	1.9	2.5	2.9	3.2	3.3	3.1	2.4	1.5	0.5	42.0	33.1	0.5	11.4	3155						
0.5	1.7	2.9	3.9	4.7	5.2	5.5	5.6	5.4	5.5	5.7	5.6	5.3	4.9	4.1	3.0	1.7	0.6	71.8	71.8	0.6	11.4	3172						
0.6	1.9	3.4	5.0	6.5	7.7	8.7	9.5	9.8	9.8	9.7	8.9	8.0	6.7	5.2	3.6	1.9	0.6	107.5	107.5	0.6	11.4	3172						
0.6	2.1	4.0	6.2	8.5	10.6	12.3	13.8	14.4	14.4	13.9	12.6	10.8	8.7	6.5	4.1	2.2	0.6	146.1	146.1	0.6	11.4	3172						
0.6	2.3	4.5	7.4	10.4	13.4	15.9	17.9	18.9	19.0	18.1	16.2	13.7	10.7	7.6	4.7	2.4	0.6	184.3	184.3	0.6	11.4	3172						
0.6	2.4	5.0	8.4	12.2	16.0	19.3	21.8	23.1	23.2	21.9	19.5	16.3	12.5	8.7	5.2	2.5	0.7	219.4	219.4	0.7	11.4	3172						
0.7	2.6	5.5	9.3	13.7	18.2	22.1	25.0	26.6	26.7	25.2	22.3	18.5	14.0	9.6	5.7	2.7	0.7	248.9	248.9	0.7	11.4	3172						
0.7	2.7	5.8	9.9	14.8	19.7	24.1	27.4	29.2	29.2	27.6	24.4	20.0	15.1	10.3	6.0	2.8	0.7	270.3	270.3	0.7	11.4	3172						
0.7	2.8	6.0	10.4	15.4	20.6	25.2	28.6	30.5	30.6	28.9	25.5	21.0	15.8	10.7	6.3	2.9	0.7	282.5	282.5	0.7	11.4	3172						
0.7	2.8	6.0	10.4	15.4	20.6	25.2	28.6	30.5	30.7	29.0	25.6	21.0	15.9	10.7	6.3	2.9	0.7	283.4	283.4	0.7	11.4	3172						
0.7	2.7	5.8	10.0	14.9	19.9	24.3	27.6	29.4	29.5	27.8	24.6	20.3	15.3	10.4	6.1	2.8	0.7	272.8	272.8	0.7	11.4	3172						
0.7	2.6	5.5	9.4	13.9	18.5	22.4	25.4	27.0	27.1	25.5	22.7	18.8	14.2	9.7	5.7	2.7	0.7	252.5	252.5	0.7	11.4	3172						
0.6	2.4	5.1	8.6	12.5	16.3	19.7	22.2	23.5	23.6	22.4	19.9	16.6	12.8	8.8	5.3	2.6	0.7	223.7	223.7	0.7	11.4	3172						
0.6	2.3	4.6	7.6	10.7	13.7	16.3	18.3	19.4	19.4	18.5	16.5	14.0	11.0	7.8	4.8	2.4	0.6	188.5	188.5	0.6	11.4	3172						
0.6	2.1	4.1	6.4	8.7	10.9	12.7	14.1	14.7	14.8	14.2	12.9	11.1	8.9	6.6	4.2	2.2	0.6	149.8	149.8	0.6	11.4	3172						
0.6	1.9	3.5	5.2	6.7	8.0	9.0	9.8	10.0	10.1	9.9	9.2	8.2	6.9	5.4	3.6	2.0	0.6	110.5	110.5	0.6	11.4	3172						
0.5	1.7	2.9	4.1	4.9	5.4	5.7	5.8	5.6	5.7	5.9	5.8	5.5	5.0	4.2	3.0	1.8	0.6	74.1	74.1	0.6	11.4	3172						
0.5	1.5	2.4	3.1	3.3	3.2	3.0	2.6	2.0	2.0	2.6	3.0	3.3	3.4	3.1	2.5	1.6	0.5	43.5	35.3	0.5	11.4	3172						
10.8	39.7	79.5	128.2	180.3	230.9	274.3	306.7	322.2	323.0	309.2	278.1	235.5	185.2	132.5	82.7	41.5	11.4	3172		11.4	3172							
10.8	39.7	79.5	128.2	180.3	230.9	274.3	306.7	322.2	323.0	309.2	278.1	235.5	185.2	132.5	82.7	41.5	11.4			11.4	3172							
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)	Flux(T)	Flux(E)						

Gamma Plane (°):0.0-180.0:1.0

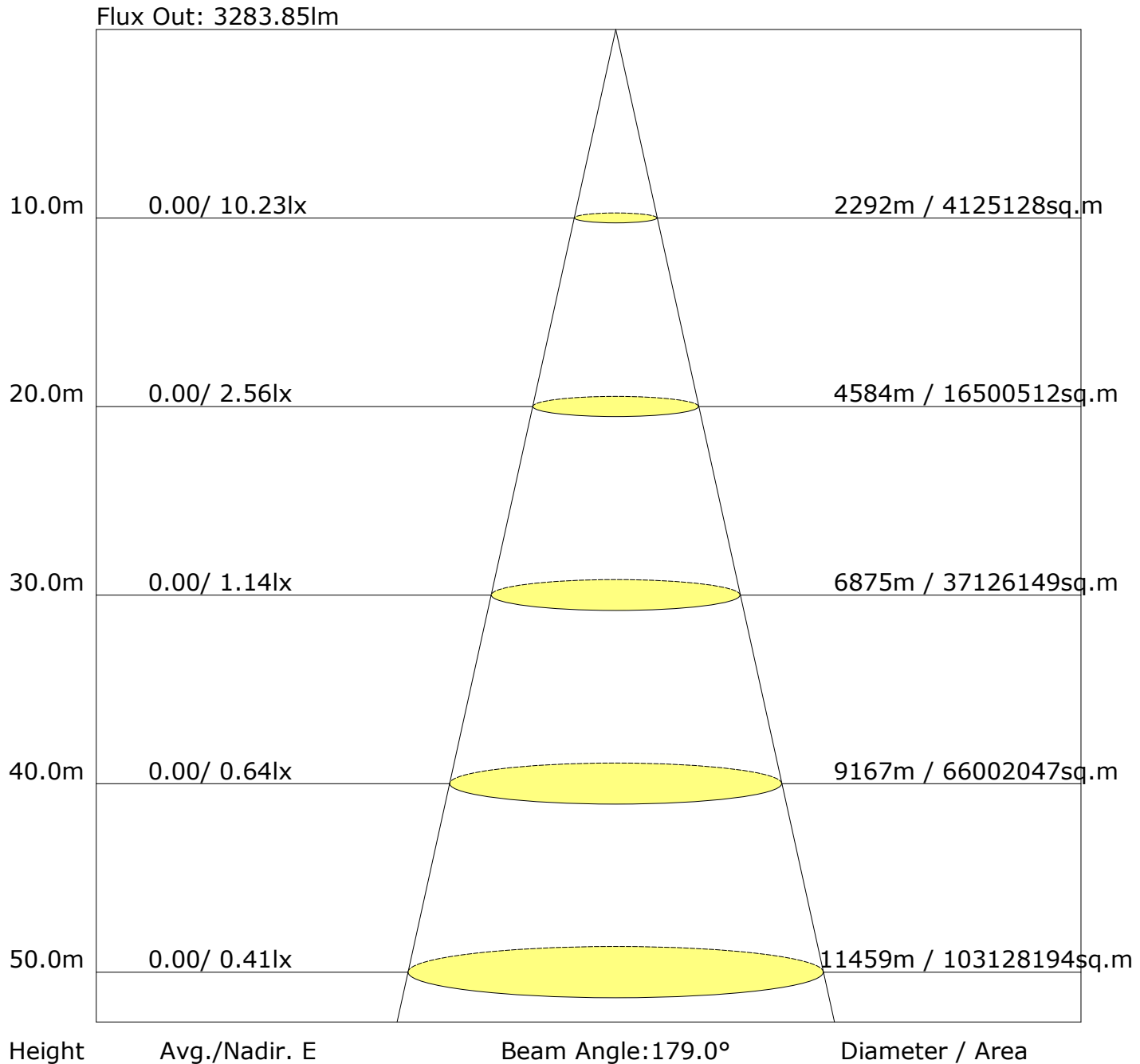
Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

UGR Table

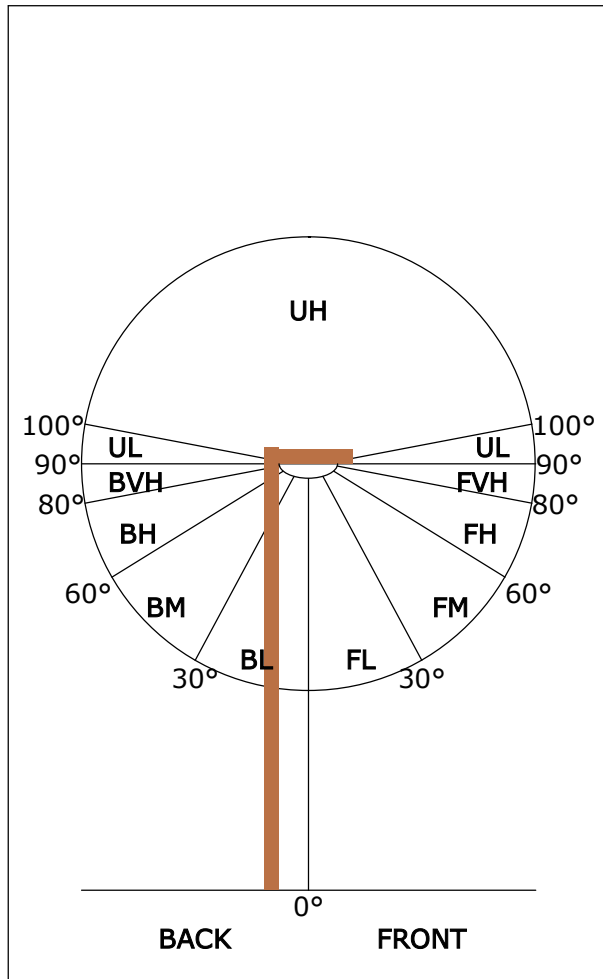
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	21.1	22.5	21.5	22.9	23.2	20.5	21.8	20.9	22.2	22.6
3H	23.0	24.2	23.4	24.6	25.0	21.9	23.2	22.3	23.5	23.9
4H	23.9	25.0	24.3	25.4	25.9	22.5	23.7	22.9	24.1	24.5
6H	24.7	25.8	25.2	26.2	26.7	22.9	24.0	23.4	24.4	24.9
8H	25.1	26.2	25.6	26.6	27.1	23.1	24.1	23.5	24.6	25.0
12H	25.5	26.5	26.0	27.0	27.4	23.1	24.2	23.6	24.6	25.1
X=4H Y=2H	21.7	22.9	22.2	23.3	23.7	21.2	22.4	21.6	22.8	23.2
3H	23.8	24.8	24.3	25.2	25.7	22.8	23.8	23.3	24.3	24.8
4H	24.8	25.7	25.3	26.2	26.7	23.5	24.4	24.0	24.9	25.4
6H	25.8	26.7	26.4	27.2	27.7	24.1	24.9	24.6	25.4	26.0
8H	26.3	27.1	26.9	27.6	28.2	24.3	25.1	24.8	25.6	26.1
12H	26.8	27.5	27.4	28.0	28.6	24.5	25.1	25.0	25.7	26.2
X=8H Y=4H	25.1	25.9	25.6	26.4	26.9	24.0	24.7	24.5	25.2	25.8
6H	26.3	27.0	26.9	27.5	28.1	24.7	25.4	25.3	25.9	26.5
8H	27.0	27.5	27.6	28.1	28.7	25.1	25.6	25.6	26.2	26.8
12H	27.6	28.1	28.2	28.7	29.3	25.3	25.8	25.9	26.4	27.0
X=12H Y=4H	25.1	25.8	25.7	26.3	26.9	24.1	24.8	24.6	25.3	25.9
6H	26.4	27.0	27.0	27.5	28.2	24.9	25.5	25.5	26.0	26.6
8H	27.1	27.6	27.7	28.2	28.8	25.3	25.8	25.9	26.4	27.0
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.4/-0.4					+0.4/-0.5				
S=2.0H	+0.5/-0.7					+0.5/-0.9				

Calculate in accordance with CIE Pub.117. The table is revised with 3381lm ($8\log(F/F_0) = 4.2$).

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	1599	47.3
FL (0°-30°)	398	11.8
FM (30°-60°)	766	22.6
FH (60°-80°)	347	10.3
FVH (80°-90°)	89	2.6
BACK LIGHT	1573	46.5
BL (0°-30°)	395	11.7
BM (30°-60°)	753	22.3
BH (60°-80°)	339	10.0
BVH (80°-90°)	86	2.6
UP LIGHT	210	6.2
UL (90°-100°)	92	2.7
UH (100°-180°)	117	3.5
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U3 G1

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Humidity:
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	1023.2	1.0	1.0	0.03	0.03
1.0-2.0	1022.9	2.9	3.9	0.09	0.12
2.0-3.0	1022.1	4.9	8.8	0.14	0.26
3.0-4.0	1021.0	6.8	15.6	0.20	0.46
4.0-5.0	1019.5	8.8	24.4	0.26	0.72
5.0-6.0	1017.6	10.7	35.1	0.32	1.04
6.0-7.0	1015.3	12.6	47.7	0.37	1.41
7.0-8.0	1012.6	14.5	62.2	0.43	1.84
8.0-9.0	1009.6	16.4	78.6	0.48	2.32
9.0-10.0	1006.3	18.2	96.8	0.54	2.86
10.0-11.0	1002.6	20.0	116.8	0.59	3.45
11.0-12.0	998.5	21.8	138.6	0.65	4.10
12.0-13.0	994.1	23.6	162.2	0.70	4.80
13.0-14.0	989.2	25.3	187.6	0.75	5.55
14.0-15.0	984.0	27.0	214.6	0.80	6.35
15.0-16.0	978.4	28.7	243.3	0.85	7.19
16.0-17.0	972.4	30.3	273.5	0.90	8.09
17.0-18.0	966.3	31.9	305.4	0.94	9.03
18.0-19.0	959.7	33.4	338.8	0.99	10.02
19.0-20.0	952.8	34.9	373.7	1.03	11.05
20.0-21.0	945.8	36.3	410.0	1.07	12.12
21.0-22.0	938.1	37.7	447.7	1.12	13.24
22.0-23.0	930.2	39.0	486.7	1.15	14.39
23.0-24.0	921.9	40.3	527.1	1.19	15.59
24.0-25.0	913.4	41.5	568.6	1.23	16.81
25.0-26.0	904.8	42.7	611.3	1.26	18.08
26.0-27.0	895.7	43.8	655.1	1.30	19.37
27.0-28.0	886.1	44.9	700.0	1.33	20.70
28.0-29.0	876.8	45.9	745.9	1.36	22.06
29.0-30.0	866.8	46.8	792.7	1.38	23.44
30.0-31.0	856.6	47.7	840.4	1.41	24.85
31.0-32.0	846.0	48.5	888.8	1.43	26.29
32.0-33.0	835.1	49.2	938.0	1.46	27.74
33.0-34.0	824.4	49.9	987.9	1.48	29.22
34.0-35.0	813.1	50.5	1038.4	1.49	30.71
35.0-36.0	801.6	51.0	1089.5	1.51	32.22

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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	790.0	51.5	1141.0	1.52	33.74
37.0-38.0	778.0	51.9	1193.0	1.54	35.28
38.0-39.0	766.0	52.3	1245.2	1.55	36.83
39.0-40.0	753.6	52.6	1297.8	1.55	38.38
40.0-41.0	740.9	52.8	1350.6	1.56	39.94
41.0-42.0	728.6	52.9	1403.5	1.57	41.51
42.0-43.0	715.6	53.0	1456.5	1.57	43.07
43.0-44.0	702.5	53.0	1509.6	1.57	44.64
44.0-45.0	689.4	53.0	1562.6	1.57	46.21
45.0-46.0	675.9	52.9	1615.4	1.56	47.77
46.0-47.0	662.5	52.7	1668.1	1.56	49.33
47.0-48.0	648.7	52.4	1720.6	1.55	50.88
48.0-49.0	634.8	52.1	1772.7	1.54	52.42
49.0-50.0	621.4	51.8	1824.5	1.53	53.96
50.0-51.0	607.3	51.4	1875.9	1.52	55.48
51.0-52.0	593.3	50.9	1926.8	1.51	56.98
52.0-53.0	579.4	50.4	1977.2	1.49	58.47
53.0-54.0	565.2	49.8	2027.1	1.47	59.95
54.0-55.0	551.2	49.2	2076.3	1.46	61.40
55.0-56.0	536.9	48.5	2124.8	1.43	62.84
56.0-57.0	522.6	47.8	2172.6	1.41	64.25
57.0-58.0	508.8	47.1	2219.6	1.39	65.64
58.0-59.0	494.2	46.2	2265.8	1.37	67.01
59.0-60.0	479.8	45.3	2311.2	1.34	68.35
60.0-61.0	465.6	44.4	2355.6	1.31	69.66
61.0-62.0	451.2	43.5	2399.1	1.29	70.95
62.0-63.0	437.5	42.6	2441.7	1.26	72.21
63.0-64.0	423.3	41.5	2483.2	1.23	73.44
64.0-65.0	409.2	40.5	2523.7	1.20	74.63
65.0-66.0	395.8	39.5	2563.2	1.17	75.80
66.0-67.0	381.8	38.4	2601.6	1.14	76.94
67.0-68.0	368.1	37.3	2638.9	1.10	78.04
68.0-69.0	354.5	36.2	2675.1	1.07	79.11
69.0-70.0	341.0	35.0	2710.1	1.04	80.15
70.0-71.0	328.2	33.9	2744.0	1.00	81.15
71.0-72.0	314.9	32.7	2776.8	0.97	82.12

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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	301.8	31.6	2808.3	0.93	83.05
73.0-74.0	289.5	30.4	2838.8	0.90	83.95
74.0-75.0	276.8	29.3	2868.0	0.87	84.82
75.0-76.0	264.4	28.1	2896.1	0.83	85.65
76.0-77.0	252.2	26.9	2923.0	0.80	86.44
77.0-78.0	240.1	25.7	2948.7	0.76	87.20
78.0-79.0	228.9	24.6	2973.3	0.73	87.93
79.0-80.0	217.4	23.4	2996.7	0.69	88.62
80.0-81.0	206.1	22.3	3019.0	0.66	89.28
81.0-82.0	195.3	21.2	3040.2	0.63	89.91
82.0-83.0	184.6	20.1	3060.3	0.59	90.50
83.0-84.0	174.4	19.0	3079.3	0.56	91.06
84.0-85.0	164.3	17.9	3097.2	0.53	91.59
85.0-86.0	154.5	16.9	3114.1	0.50	92.09
86.0-87.0	145.3	15.9	3130.0	0.47	92.56
87.0-88.0	136.1	14.9	3144.9	0.44	93.00
88.0-89.0	127.3	14.0	3158.9	0.41	93.42
89.0-90.0	119.2	13.1	3171.9	0.39	93.80
90.0-91.0	111.7	12.2	3184.2	0.36	94.17
91.0-92.0	104.8	11.5	3195.7	0.34	94.51
92.0-93.0	97.9	10.7	3206.4	0.32	94.82
93.0-94.0	91.3	10.0	3216.4	0.30	95.12
94.0-95.0	85.5	9.3	3225.8	0.28	95.39
95.0-96.0	80.0	8.7	3234.5	0.26	95.65
96.0-97.0	75.2	8.2	3242.7	0.24	95.89
97.0-98.0	70.8	7.7	3250.4	0.23	96.12
98.0-99.0	66.7	7.2	3257.6	0.21	96.34
99.0-100.0	63.1	6.8	3264.4	0.20	96.54
100.0-101.0	59.5	6.4	3270.9	0.19	96.73
101.0-102.0	56.3	6.0	3276.9	0.18	96.91
102.0-103.0	53.3	5.7	3282.6	0.17	97.08
103.0-104.0	50.3	5.4	3288.0	0.16	97.23
104.0-105.0	47.4	5.0	3293.0	0.15	97.38
105.0-106.0	44.7	4.7	3297.7	0.14	97.52
106.0-107.0	42.2	4.4	3302.2	0.13	97.65
107.0-108.0	39.9	4.2	3306.3	0.12	97.78

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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	37.5	3.9	3310.2	0.12	97.89
109.0-110.0	35.3	3.6	3313.9	0.11	98.00
110.0-111.0	33.1	3.4	3317.3	0.10	98.10
111.0-112.0	31.1	3.2	3320.5	0.09	98.20
112.0-113.0	29.3	3.0	3323.4	0.09	98.28
113.0-114.0	27.5	2.8	3326.2	0.08	98.36
114.0-115.0	25.7	2.6	3328.8	0.08	98.44
115.0-116.0	24.1	2.4	3331.1	0.07	98.51
116.0-117.0	22.5	2.2	3333.4	0.07	98.58
117.0-118.0	21.0	2.0	3335.4	0.06	98.64
118.0-119.0	19.9	1.9	3337.3	0.06	98.69
119.0-120.0	18.8	1.8	3339.1	0.05	98.75
120.0-121.0	17.7	1.7	3340.8	0.05	98.80
121.0-122.0	16.8	1.6	3342.4	0.05	98.84
122.0-123.0	15.8	1.5	3343.8	0.04	98.89
123.0-124.0	15.0	1.4	3345.2	0.04	98.93
124.0-125.0	14.2	1.3	3346.5	0.04	98.96
125.0-126.0	13.5	1.2	3347.7	0.04	99.00
126.0-127.0	12.9	1.1	3348.8	0.03	99.03
127.0-128.0	12.4	1.1	3349.9	0.03	99.07
128.0-129.0	12.1	1.0	3350.9	0.03	99.10
129.0-130.0	11.9	1.0	3352.0	0.03	99.13
130.0-131.0	11.7	1.0	3352.9	0.03	99.16
131.0-132.0	11.7	1.0	3353.9	0.03	99.18
132.0-133.0	11.7	0.9	3354.8	0.03	99.21
133.0-134.0	11.8	0.9	3355.8	0.03	99.24
134.0-135.0	11.9	0.9	3356.7	0.03	99.27
135.0-136.0	12.0	0.9	3357.6	0.03	99.29
136.0-137.0	12.1	0.9	3358.5	0.03	99.32
137.0-138.0	12.2	0.9	3359.5	0.03	99.35
138.0-139.0	12.3	0.9	3360.3	0.03	99.37
139.0-140.0	12.5	0.9	3361.2	0.03	99.40
140.0-141.0	12.6	0.9	3362.1	0.03	99.43
141.0-142.0	12.7	0.9	3363.0	0.03	99.45
142.0-143.0	12.8	0.9	3363.8	0.03	99.48
143.0-144.0	12.9	0.8	3364.7	0.02	99.50

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 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	13.0	0.8	3365.5	0.02	99.53
145.0-146.0	13.1	0.8	3366.3	0.02	99.55
146.0-147.0	13.2	0.8	3367.1	0.02	99.57
147.0-148.0	13.3	0.8	3367.9	0.02	99.60
148.0-149.0	13.4	0.8	3368.7	0.02	99.62
149.0-150.0	13.5	0.8	3369.4	0.02	99.64
150.0-151.0	13.6	0.7	3370.2	0.02	99.66
151.0-152.0	13.7	0.7	3370.9	0.02	99.69
152.0-153.0	13.8	0.7	3371.6	0.02	99.71
153.0-154.0	13.9	0.7	3372.2	0.02	99.73
154.0-155.0	13.9	0.7	3372.9	0.02	99.75
155.0-156.0	14.0	0.6	3373.5	0.02	99.77
156.0-157.0	14.1	0.6	3374.2	0.02	99.78
157.0-158.0	14.2	0.6	3374.8	0.02	99.80
158.0-159.0	14.3	0.6	3375.3	0.02	99.82
159.0-160.0	14.3	0.5	3375.9	0.02	99.83
160.0-161.0	14.4	0.5	3376.4	0.02	99.85
161.0-162.0	14.4	0.5	3376.9	0.01	99.86
162.0-163.0	14.5	0.5	3377.4	0.01	99.88
163.0-164.0	14.6	0.5	3377.8	0.01	99.89
164.0-165.0	14.6	0.4	3378.3	0.01	99.90
165.0-166.0	14.7	0.4	3378.7	0.01	99.92
166.0-167.0	14.8	0.4	3379.1	0.01	99.93
167.0-168.0	14.9	0.4	3379.4	0.01	99.94
168.0-169.0	14.9	0.3	3379.7	0.01	99.95
169.0-170.0	15.0	0.3	3380.0	0.01	99.96
170.0-171.0	15.1	0.3	3380.3	0.01	99.96
171.0-172.0	15.2	0.2	3380.5	0.01	99.97
172.0-173.0	15.2	0.2	3380.8	0.01	99.98
173.0-174.0	15.3	0.2	3381.0	0.01	99.98
174.0-175.0	15.3	0.2	3381.1	0.00	99.99
175.0-176.0	15.4	0.1	3381.3	0.00	99.99
176.0-177.0	15.5	0.1	3381.4	0.00	100.00
177.0-178.0	15.6	0.1	3381.4	0.00	100.00
178.0-179.0	15.8	0.0	3381.5	0.00	100.00
179.0-180.0	15.8	0.0	3381.5	0.00	100.00

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.010 m
 Humidity:
 Inspector:

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	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2
G1.0	1023.3	1024.0	1023.6	1023.6	1023.2	1023.3	1022.9	1022.4	1022.4	1022.6
G2.0	1022.9	1023.6	1023.4	1023.3	1022.9	1022.2	1021.9	1022.1	1021.6	1021.7
G3.0	1022.4	1023.0	1022.6	1022.2	1022.0	1022.1	1021.0	1020.7	1020.3	1020.2
G4.0	1021.6	1022.2	1021.6	1020.7	1020.7	1020.7	1019.8	1019.4	1018.5	1018.5
G5.0	1020.7	1021.1	1019.9	1019.1	1019.0	1019.2	1018.0	1017.3	1016.1	1016.0
G6.0	1019.1	1019.8	1018.2	1017.2	1017.1	1017.3	1016.1	1014.7	1013.7	1013.0
G7.0	1017.6	1017.8	1015.7	1014.4	1014.3	1015.2	1013.7	1012.2	1010.4	1009.9
G8.0	1015.6	1015.8	1013.5	1011.2	1011.3	1012.8	1011.2	1009.0	1006.6	1005.9
G9.0	1013.3	1013.1	1010.1	1007.8	1007.9	1009.7	1008.4	1005.7	1002.8	1002.6
G10.0	1010.5	1010.4	1006.6	1003.7	1004.7	1006.7	1005.2	1002.5	999.1	997.8
G11.0	1007.6	1007.2	1002.6	999.3	1000.4	1002.7	1001.5	998.2	994.2	993.1
G12.0	1004.2	1004.1	998.6	994.6	995.7	999.0	998.1	994.2	989.4	987.4
G13.0	1000.7	999.9	994.1	989.6	991.0	995.0	994.1	989.9	984.3	981.6
G14.0	996.8	995.9	988.1	983.5	985.2	990.1	989.7	984.5	977.5	975.5
G15.0	993.0	991.4	982.9	977.9	979.8	985.1	985.1	980.0	971.7	968.9
G16.0	988.7	986.2	976.9	970.8	973.1	980.0	979.9	973.4	964.5	962.0
G17.0	983.9	981.4	970.6	964.2	967.0	974.3	974.6	968.3	958.1	954.9
G18.0	978.9	975.5	964.4	957.0	960.3	968.8	969.5	961.9	951.2	946.9
G19.0	973.2	969.5	957.4	948.9	953.0	962.1	963.4	955.3	942.6	938.7
G20.0	967.8	963.5	950.0	941.2	945.7	956.2	957.6	949.0	935.3	930.1
G21.0	961.8	957.6	943.0	932.9	937.7	949.6	951.2	941.5	927.2	921.5
G22.0	955.1	950.3	934.2	923.7	929.0	942.1	944.4	934.3	918.1	912.1
G23.0	949.4	943.8	925.9	915.1	920.4	935.1	937.3	927.0	909.4	902.5
G24.0	942.2	936.3	916.7	904.4	911.1	927.4	930.1	918.2	899.2	892.2
G25.0	935.5	928.3	907.9	895.2	902.0	919.4	922.8	910.5	890.4	882.3
G26.0	928.4	920.9	898.5	885.4	893.0	911.2	915.3	902.2	880.9	871.8
G27.0	920.6	912.4	888.2	874.4	882.8	902.3	907.0	892.7	869.7	860.8
G28.0	912.9	904.0	878.3	863.1	873.1	893.8	898.7	884.0	859.8	849.8
G29.0	905.3	895.5	868.5	852.8	863.0	884.9	891.0	874.9	849.0	838.7
G30.0	896.5	885.8	857.0	840.2	851.5	875.5	881.9	865.0	837.7	826.9
G31.0	888.2	877.1	846.7	829.2	840.5	866.3	873.1	855.5	827.3	814.9
G32.0	879.4	867.6	834.6	816.5	829.5	855.5	863.5	844.6	814.7	802.1
G33.0	870.2	857.3	823.8	804.5	817.4	845.8	854.4	834.5	803.0	789.7
G34.0	861.3	847.9	812.4	792.6	806.0	835.9	844.5	824.6	791.3	777.1
G35.0	851.4	837.2	799.8	778.7	792.9	825.1	834.5	813.0	778.4	763.7
G36.0	842.0	826.7	787.5	766.4	781.5	814.6	824.6	802.8	766.5	750.8

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

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	832.1	816.8	775.9	753.0	769.2	803.8	813.5	790.6	753.3	737.0
G38.0	821.6	804.7	761.9	738.9	755.8	792.0	803.3	779.8	740.7	723.9
G39.0	811.3	794.2	749.5	725.5	743.2	781.4	792.7	768.2	728.3	710.1
G40.0	800.2	781.9	735.5	710.9	728.2	769.1	781.4	756.3	713.7	695.8
G41.0	789.3	771.0	722.8	697.0	715.9	757.5	770.0	744.4	701.2	681.8
G42.0	778.7	758.9	709.4	683.4	703.0	746.0	759.0	732.8	687.6	668.4
G43.0	766.3	746.6	695.5	667.4	688.1	733.3	747.1	720.0	673.5	653.3
G44.0	755.0	735.0	681.8	653.7	674.5	721.2	735.2	707.7	660.3	638.8
G45.0	743.9	722.9	668.4	639.3	661.2	708.9	723.1	694.6	645.1	623.7
G46.0	731.4	709.3	653.2	623.1	645.5	695.6	711.3	682.4	631.8	609.0
G47.0	719.6	697.2	639.4	608.6	632.0	683.0	699.0	669.8	617.6	594.8
G48.0	706.8	683.5	624.3	592.6	616.3	669.9	685.9	656.1	603.0	578.5
G49.0	694.9	671.1	610.5	577.6	602.7	656.6	674.2	643.2	588.3	564.2
G50.0	682.6	658.1	596.1	562.2	588.3	644.1	661.7	630.0	574.7	549.2
G51.0	669.8	644.5	581.2	546.1	573.2	630.0	648.7	616.4	559.1	533.3
G52.0	657.8	631.4	566.3	530.7	558.7	617.3	636.4	603.8	545.2	518.7
G53.0	645.2	618.9	551.9	516.0	544.8	604.2	623.0	589.4	529.6	501.9
G54.0	631.4	604.4	536.5	499.0	528.7	590.3	610.8	576.8	515.8	487.2
G55.0	619.3	591.9	521.4	484.2	514.9	577.2	598.0	563.6	501.1	472.1
G56.0	605.4	577.4	506.2	467.2	498.7	563.4	584.8	549.7	485.8	455.8
G57.0	593.3	564.9	492.0	452.2	484.6	550.0	571.8	536.5	472.0	440.4
G58.0	580.3	550.8	476.5	436.7	469.9	536.8	559.5	523.8	457.2	425.7
G59.0	566.2	536.7	460.7	419.6	454.0	522.2	545.6	509.5	441.8	408.9
G60.0	553.5	523.4	446.1	403.9	440.0	509.5	533.4	497.0	427.3	394.1
G61.0	540.1	509.5	430.8	387.9	424.0	495.2	519.3	482.6	412.3	377.3
G62.0	527.1	496.2	416.0	372.2	409.6	482.8	507.2	469.9	397.8	362.6
G63.0	514.6	482.6	401.5	357.3	395.5	469.6	494.7	457.5	384.1	347.2
G64.0	500.5	468.7	386.3	340.7	379.8	455.8	480.8	443.3	368.4	331.4
G65.0	488.3	455.6	371.9	326.1	366.1	442.7	468.7	431.0	354.9	316.9
G66.0	475.5	443.0	358.1	310.5	351.9	430.5	456.1	418.3	340.6	301.8
G67.0	462.1	429.4	342.9	294.5	337.1	416.2	443.1	404.8	326.6	286.2
G68.0	449.6	416.5	329.5	279.5	323.6	404.1	430.7	392.9	313.4	271.4
G69.0	436.5	403.1	314.5	263.8	309.3	390.6	417.8	379.3	298.9	256.0
G70.0	423.8	390.2	301.6	249.0	295.9	378.1	406.3	367.3	286.3	241.9
G71.0	411.2	377.5	288.1	235.0	282.8	366.2	393.9	355.7	274.0	227.5
G72.0	398.5	364.7	274.2	219.1	269.2	353.0	381.3	342.5	259.7	212.4
G73.0	386.3	352.3	261.3	205.0	256.7	341.3	369.4	331.1	247.9	198.3

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

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	375.0	340.3	249.0	191.2	244.5	329.3	358.3	319.2	235.5	185.2
G75.0	362.4	327.2	235.3	176.6	231.0	317.1	345.7	306.8	222.3	170.2
G76.0	350.9	315.7	223.5	163.0	219.6	305.7	334.8	296.2	211.0	157.6
G77.0	338.2	303.0	210.2	148.9	206.6	293.9	322.6	284.0	198.9	143.0
G78.0	327.4	292.0	198.7	135.7	195.5	282.7	312.0	273.5	187.4	130.8
G79.0	316.1	280.9	187.7	123.0	184.4	272.2	301.2	263.2	177.2	118.3
G80.0	304.5	269.2	175.9	109.9	173.2	260.7	290.0	251.6	165.4	105.5
G81.0	293.6	258.3	165.0	97.6	162.4	250.5	279.4	241.9	155.5	93.5
G82.0	283.2	247.5	154.5	86.5	152.1	240.3	268.7	230.8	144.8	81.5
G83.0	271.9	236.4	143.7	73.6	141.8	229.8	258.7	221.5	135.5	70.2
G84.0	262.1	226.1	134.1	62.9	132.6	219.7	249.1	211.9	126.3	59.9
G85.0	251.0	215.6	123.6	51.1	122.6	209.8	238.4	202.1	117.0	48.5
G86.0	241.4	205.8	114.4	41.3	114.4	200.3	229.4	192.8	108.5	39.0
G87.0	231.7	196.6	105.8	31.4	105.8	191.1	219.6	183.9	100.9	29.2
G88.0	221.9	186.5	96.6	21.6	97.2	181.7	209.8	174.4	92.2	19.8
G89.0	212.7	177.8	88.6	13.1	89.1	173.3	200.7	166.1	86.0	12.0
G90.0	203.9	168.9	80.7	7.0	82.1	164.6	191.5	157.2	77.2	9.4
G91.0	193.8	159.6	72.4	5.8	73.9	155.9	183.0	149.4	70.5	8.7
G92.0	185.3	150.9	64.7	5.0	67.4	147.7	174.2	141.4	64.1	8.0
G93.0	175.6	141.8	56.1	4.4	59.6	139.3	165.8	133.4	58.3	7.3
G94.0	166.7	133.6	48.8	4.0	53.7	131.6	157.7	126.1	53.7	6.7
G95.0	157.6	125.2	42.7	3.9	49.2	124.9	150.3	119.9	49.6	6.2
G96.0	148.4	116.9	38.3	3.9	46.7	118.0	142.6	113.6	45.2	5.7
G97.0	140.1	109.2	35.4	4.1	43.3	112.6	136.3	108.4	42.4	5.4
G98.0	132.5	103.2	32.8	4.2	39.8	107.3	130.1	102.6	38.2	5.2
G99.0	125.4	97.7	29.9	4.3	35.7	101.7	124.4	97.8	35.5	5.1
G100.0	119.7	92.7	27.6	4.5	31.6	96.7	119.2	93.0	32.7	5.0
G101.0	113.7	87.3	24.9	4.7	28.7	91.3	113.2	87.8	30.2	5.2
G102.0	108.8	83.1	22.8	4.7	26.7	87.5	108.3	84.0	27.7	5.3
G103.0	103.7	78.7	20.7	5.0	24.8	81.7	103.2	79.3	25.7	5.5
G104.0	98.6	74.0	18.5	5.1	22.8	76.6	98.0	74.8	23.5	5.6
G105.0	93.8	70.1	17.1	5.3	21.3	71.8	93.3	70.7	21.5	5.7
G106.0	88.8	65.7	15.6	5.4	19.3	67.0	88.3	66.8	19.7	6.0
G107.0	84.9	62.2	14.7	5.6	17.6	62.7	84.9	63.0	18.0	6.1
G108.0	79.9	58.6	13.8	5.8	16.3	58.5	79.6	59.6	16.5	6.3
G109.0	75.4	54.9	12.6	5.9	14.9	54.8	75.1	55.8	14.9	6.4
G110.0	71.3	51.6	11.4	6.1	13.6	50.9	71.3	52.8	13.6	6.6

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.010 m
Humidity:
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	67.4	48.5	10.4	6.3	12.5	45.9	67.5	49.6	12.4	6.7
G112.0	63.4	45.2	9.5	6.5	11.4	43.6	63.4	46.3	11.2	7.0
G113.0	59.8	42.6	8.7	6.6	10.5	43.5	60.1	42.6	10.2	7.0
G114.0	56.3	39.6	8.3	6.8	9.6	38.7	56.4	37.3	9.7	7.3
G115.0	52.8	36.7	8.2	6.9	9.4	35.4	53.2	34.4	9.7	7.4
G116.0	49.5	33.9	8.3	7.2	9.4	32.0	49.9	31.6	9.7	7.6
G117.0	46.2	29.4	8.4	7.3	9.4	28.9	46.4	28.9	9.8	7.7
G118.0	42.9	26.8	8.5	7.5	9.5	26.3	43.3	26.9	9.8	7.9
G119.0	40.2	24.6	8.6	7.7	9.6	24.8	40.7	24.9	9.8	8.2
G120.0	37.2	22.2	8.8	7.8	9.6	22.9	37.7	22.9	9.8	8.2
G121.0	34.6	20.4	8.9	8.0	9.7	21.5	35.1	21.1	9.9	8.4
G122.0	31.9	18.4	9.0	8.2	9.7	19.6	32.4	19.5	9.9	8.5
G123.0	29.4	16.9	9.1	8.4	9.7	18.1	29.9	17.9	10.0	8.8
G124.0	27.1	15.7	9.3	8.5	9.9	16.7	27.7	16.6	10.2	9.0
G125.0	24.5	14.3	9.4	8.7	10.0	15.5	25.1	15.2	10.2	9.1
G126.0	22.4	13.3	9.5	8.9	10.0	14.4	23.0	13.9	10.2	9.4
G127.0	20.5	12.4	9.6	9.2	10.1	13.4	20.9	13.0	10.3	9.5
G128.0	18.5	12.1	9.8	9.4	10.2	12.6	19.2	12.7	10.5	9.7
G129.0	16.9	12.0	9.8	9.5	10.2	12.4	17.4	12.6	10.6	9.8
G130.0	15.3	12.0	10.1	9.7	10.5	12.3	15.9	12.6	10.8	10.0
G131.0	14.0	12.1	10.2	9.8	10.4	12.3	14.5	12.6	10.9	10.2
G132.0	13.7	12.1	10.2	10.0	10.5	12.4	13.7	12.7	11.0	10.4
G133.0	13.8	12.2	10.4	10.1	10.7	12.4	13.9	12.7	11.1	10.4
G134.0	13.8	12.3	10.5	10.3	10.8	12.5	13.8	12.8	11.2	10.6
G135.0	13.8	12.3	10.7	10.4	11.0	12.6	13.9	12.9	11.3	10.8
G136.0	13.8	12.5	10.8	10.7	11.1	12.7	14.0	13.1	11.4	11.0
G137.0	13.7	12.6	10.9	10.7	11.2	12.8	14.1	13.1	11.6	11.1
G138.0	13.8	12.7	11.0	10.9	11.2	12.9	14.1	13.3	11.6	11.3
G139.0	13.9	12.8	11.2	11.1	11.4	12.9	14.1	13.4	11.8	11.4
G140.0	14.1	12.9	11.3	11.2	11.5	13.0	14.2	13.4	11.9	11.6
G141.0	14.0	13.0	11.5	11.4	11.6	13.2	14.3	13.6	12.1	11.7
G142.0	14.1	13.1	11.6	11.5	11.8	13.3	14.3	13.7	12.1	11.9
G143.0	14.1	13.2	11.8	11.7	11.9	13.4	14.4	13.8	12.2	12.1
G144.0	14.1	13.3	11.9	11.8	12.1	13.4	14.4	13.8	12.4	12.2
G145.0	14.2	13.4	12.0	11.9	12.2	13.5	14.4	13.9	12.5	12.3
G146.0	14.2	13.4	12.2	12.1	12.4	13.6	14.4	13.9	12.7	12.5
G147.0	14.3	13.6	12.3	12.3	12.4	13.7	14.6	13.9	12.8	12.6

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

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	14.3	13.7	12.5	12.5	12.6	13.7	14.6	13.9	12.9	12.8
G149.0	14.3	13.9	12.7	12.6	12.8	13.9	14.7	14.2	13.0	12.9
G150.0	14.5	13.9	12.8	12.7	12.8	13.9	14.6	14.2	13.1	13.1
G151.0	14.4	13.8	12.9	12.8	12.9	14.0	14.7	14.2	13.3	13.1
G152.0	14.5	13.9	13.2	13.0	13.1	14.2	14.6	14.3	13.2	13.3
G153.0	14.5	13.9	13.2	13.2	13.1	14.2	14.7	14.3	13.3	13.4
G154.0	14.5	14.0	13.3	13.3	13.3	14.2	14.7	14.4	13.4	13.6
G155.0	14.7	14.1	13.5	13.4	13.4	14.2	14.7	14.5	13.5	13.7
G156.0	14.7	14.2	13.6	13.5	13.5	14.2	14.8	14.5	13.8	13.9
G157.0	14.7	14.3	13.8	13.7	13.6	14.2	14.8	14.5	13.8	14.0
G158.0	14.7	14.3	13.8	13.8	13.6	14.3	14.8	14.6	13.8	14.0
G159.0	14.7	14.4	13.8	14.0	13.7	14.5	14.9	14.7	13.8	14.0
G160.0	14.8	14.5	14.0	14.0	13.8	14.4	14.9	14.6	13.8	14.1
G161.0	14.8	14.6	14.1	14.0	13.8	14.5	14.9	14.6	13.8	14.2
G162.0	14.9	14.5	14.2	14.1	13.9	14.6	14.9	14.7	13.9	14.4
G163.0	15.0	14.7	14.3	14.2	13.9	14.6	15.0	14.7	14.1	14.5
G164.0	15.0	14.7	14.4	14.4	14.1	14.7	15.0	14.7	14.2	14.6
G165.0	15.0	14.8	14.5	14.5	14.1	14.7	15.0	14.8	14.3	14.9
G166.0	15.1	14.8	14.6	14.6	14.1	14.8	15.0	14.8	14.3	14.9
G167.0	15.1	15.0	14.7	14.7	14.1	14.8	15.0	14.8	14.5	15.1
G168.0	15.2	15.0	14.8	14.9	14.3	14.8	15.1	14.8	14.5	15.2
G169.0	15.2	15.2	14.9	15.0	14.3	14.8	15.2	14.8	14.6	15.2
G170.0	15.4	15.2	14.9	15.2	14.5	14.8	15.2	14.9	14.7	15.3
G171.0	15.5	15.3	15.1	15.2	14.6	14.8	15.2	14.9	14.7	15.5
G172.0	15.5	15.3	15.2	15.3	14.7	14.8	15.2	15.0	14.8	15.6
G173.0	15.5	15.4	15.2	15.5	14.7	14.8	15.2	15.0	14.9	15.6
G174.0	15.6	15.5	15.3	15.6	14.8	14.8	15.2	15.1	15.0	15.7
G175.0	15.6	15.6	15.4	15.6	15.1	14.8	15.3	15.1	15.2	15.7
G176.0	15.6	15.5	15.5	15.7	15.2	14.8	15.3	15.2	15.4	15.7
G177.0	15.7	15.6	15.6	15.7	15.4	15.1	15.3	15.4	15.5	15.8
G178.0	15.8	15.7	15.6	15.7	15.6	15.4	15.3	15.7	15.7	15.9
G179.0	15.9	15.9	15.7	15.8	15.7	15.6	15.8	15.9	15.8	15.9
G180.0	15.8	15.9	15.6	15.8	15.8	15.7	15.9	16.0	15.8	15.9

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1023.2	1023.2	1023.2							
G1.0	1023.4	1023.7	1023.3							
G2.0	1022.4	1023.1	1022.9							
G3.0	1020.8	1021.8	1022.4							
G4.0	1019.4	1020.9	1021.6							
G5.0	1017.2	1019.6	1020.7							
G6.0	1015.0	1017.4	1019.1							
G7.0	1012.2	1015.2	1017.6							
G8.0	1008.9	1012.7	1015.6							
G9.0	1005.5	1009.9	1013.3							
G10.0	1001.5	1006.5	1010.5							
G11.0	996.6	1003.0	1007.6							
G12.0	992.1	999.3	1004.2							
G13.0	987.2	995.3	1000.7							
G14.0	981.2	990.4	996.8							
G15.0	975.5	985.7	993.0							
G16.0	968.6	980.0	988.7							
G17.0	962.0	974.4	983.9							
G18.0	955.0	968.9	978.9							
G19.0	947.2	962.7	973.2							
G20.0	940.1	956.3	967.8							
G21.0	932.3	950.1	961.8							
G22.0	923.3	942.4	955.1							
G23.0	914.7	935.1	949.4							
G24.0	905.3	927.4	942.2							
G25.0	896.3	919.4	935.5							
G26.0	886.8	911.7	928.4							
G27.0	876.1	902.8	920.6							
G28.0	865.5	894.2	912.9							
G29.0	855.5	885.8	905.3							
G30.0	844.1	876.0	896.5							
G31.0	833.5	867.1	888.2							
G32.0	821.1	856.1	879.4							
G33.0	809.8	846.5	870.2							
G34.0	798.3	836.5	861.3							
G35.0	785.4	825.2	851.4							
G36.0	773.7	815.3	842.0							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	759.7	803.9	832.1							
G38.0	747.5	792.8	821.6							
G39.0	734.6	782.2	811.3							
G40.0	721.3	769.9	800.2							
G41.0	708.5	758.6	789.3							
G42.0	695.0	746.7	778.7							
G43.0	681.0	734.2	766.3							
G44.0	667.2	722.4	755.0							
G45.0	652.8	708.9	743.9							
G46.0	639.5	696.9	731.4							
G47.0	625.5	684.1	719.6							
G48.0	610.2	670.7	706.8							
G49.0	596.7	657.7	694.9							
G50.0	582.4	645.6	682.6							
G51.0	567.4	631.3	669.8							
G52.0	553.8	618.6	657.8							
G53.0	537.8	605.1	645.2							
G54.0	523.8	591.9	631.4							
G55.0	509.4	579.2	619.3							
G56.0	494.0	565.0	605.4							
G57.0	479.3	552.3	593.3							
G58.0	465.6	539.1	580.3							
G59.0	449.5	525.2	566.2							
G60.0	435.6	512.0	553.5							
G61.0	420.5	498.1	540.1							
G62.0	405.9	484.9	527.1							
G63.0	392.0	472.1	514.6							
G64.0	376.4	458.5	500.5							
G65.0	362.7	445.4	488.3							
G66.0	348.7	432.9	475.5							
G67.0	334.4	418.8	462.1							
G68.0	321.3	406.7	449.6							
G69.0	306.3	393.4	436.5							
G70.0	293.8	380.8	423.8							
G71.0	280.4	368.9	411.2							
G72.0	266.7	355.1	398.5							
G73.0	253.9	343.6	386.3							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	242.1	331.5	375.0							
G75.0	228.8	319.1	362.4							
G76.0	217.0	307.6	350.9							
G77.0	204.3	295.5	338.2							
G78.0	193.3	284.1	327.4							
G79.0	182.0	273.4	316.1							
G80.0	170.7	261.7	304.5							
G81.0	159.8	251.1	293.6							
G82.0	148.9	239.8	283.2							
G83.0	138.9	230.1	271.9							
G84.0	129.9	219.9	262.1							
G85.0	119.6	209.6	251.0							
G86.0	111.0	200.1	241.4							
G87.0	102.4	191.2	231.7							
G88.0	93.5	181.2	221.9							
G89.0	86.7	172.7	212.7							
G90.0	77.4	163.1	203.9							
G91.0	70.2	154.6	193.8							
G92.0	62.5	146.1	185.3							
G93.0	54.7	136.4	175.6							
G94.0	48.4	127.7	166.7							
G95.0	43.3	119.4	157.6							
G96.0	38.9	110.6	148.4							
G97.0	35.0	103.2	140.1							
G98.0	31.5	96.6	132.5							
G99.0	28.7	91.3	125.4							
G100.0	26.2	87.3	119.7							
G101.0	23.7	81.6	113.7							
G102.0	21.4	77.5	108.8							
G103.0	19.6	73.5	103.7							
G104.0	17.9	69.3	98.6							
G105.0	16.6	65.8	93.8							
G106.0	15.6	62.1	88.8							
G107.0	14.6	59.1	84.9							
G108.0	13.8	56.1	79.9							
G109.0	12.4	53.0	75.4							
G110.0	11.4	50.1	71.3							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	10.5	47.2	67.4							
G112.0	9.6	43.6	63.4							
G113.0	9.0	41.7	59.8							
G114.0	8.9	38.6	56.3							
G115.0	8.9	35.8	52.8							
G116.0	8.9	32.1	49.5							
G117.0	9.1	28.7	46.2							
G118.0	9.0	26.4	42.9							
G119.0	9.2	24.1	40.2							
G120.0	9.3	21.7	37.2							
G121.0	9.4	20.3	34.6							
G122.0	9.5	18.3	31.9							
G123.0	9.6	16.7	29.4							
G124.0	9.7	15.4	27.1							
G125.0	9.9	14.2	24.5							
G126.0	10.0	13.2	22.4							
G127.0	10.1	12.6	20.5							
G128.0	10.2	12.5	18.5							
G129.0	10.3	12.4	16.9							
G130.0	10.4	12.4	15.3							
G131.0	10.6	12.4	14.0							
G132.0	10.7	12.5	13.7							
G133.0	10.9	12.6	13.8							
G134.0	10.9	12.7	13.8							
G135.0	11.1	12.8	13.8							
G136.0	11.1	12.9	13.8							
G137.0	11.3	12.9	13.7							
G138.0	11.4	13.1	13.8							
G139.0	11.5	13.2	13.9							
G140.0	11.7	13.3	14.1							
G141.0	11.8	13.4	14.0							
G142.0	11.9	13.4	14.1							
G143.0	12.2	13.6	14.1							
G144.0	12.3	13.6	14.1							
G145.0	12.4	13.8	14.2							
G146.0	12.5	13.8	14.2							
G147.0	12.7	13.9	14.3							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	12.8	14.0	14.3							
G149.0	13.0	14.2	14.3							
G150.0	13.1	14.2	14.5							
G151.0	13.3	14.2	14.4							
G152.0	13.4	14.2	14.5							
G153.0	13.5	14.3	14.5							
G154.0	13.7	14.3	14.5							
G155.0	13.8	14.4	14.7							
G156.0	14.1	14.5	14.7							
G157.0	14.1	14.5	14.7							
G158.0	14.1	14.7	14.7							
G159.0	14.1	14.7	14.7							
G160.0	14.3	14.8	14.8							
G161.0	14.4	14.9	14.8							
G162.0	14.5	14.9	14.9							
G163.0	14.6	15.0	15.0							
G164.0	14.7	15.0	15.0							
G165.0	14.7	15.1	15.0							
G166.0	14.9	15.2	15.1							
G167.0	15.0	15.2	15.1							
G168.0	15.1	15.4	15.2							
G169.0	15.1	15.4	15.2							
G170.0	15.2	15.5	15.4							
G171.0	15.2	15.5	15.5							
G172.0	15.3	15.6	15.5							
G173.0	15.4	15.6	15.5							
G174.0	15.4	15.6	15.6							
G175.0	15.5	15.6	15.6							
G176.0	15.6	15.7	15.6							
G177.0	15.7	15.8	15.7							
G178.0	15.8	15.9	15.8							
G179.0	15.8	15.9	15.9							
G180.0	15.8	15.8	15.8							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 9.010 m

Humidity:

Inspector: