

Report No.:

Test Time: 2018-09-04 16:04

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: A110v

Current: 0.325 A

Power Factor: 0.997

Voltage: 109.8 V

Power: 35.63 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3652 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H38

Vertical Diffuse Angle(50%): V37.6

Luminaire Efficacy Rating (LER): 102.55

Max. Intensity: 8035.82 cd

S/MH(C0/C180): 0.63

Total Rated Lamp Lumens: 3652.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 8014.35 cd

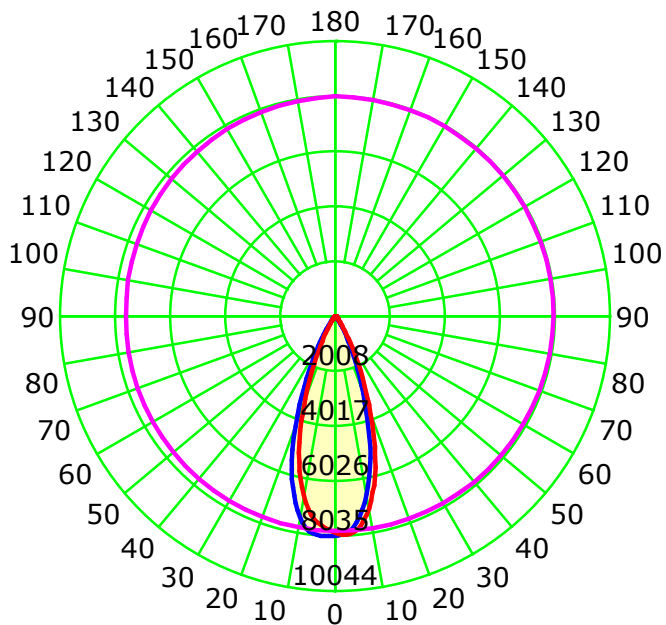
Pos of Max. Intensity: H180 V4

S/MH(C90/C270): 0.62

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 37.8°

— C0-C180 — C90-C270 — G4

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

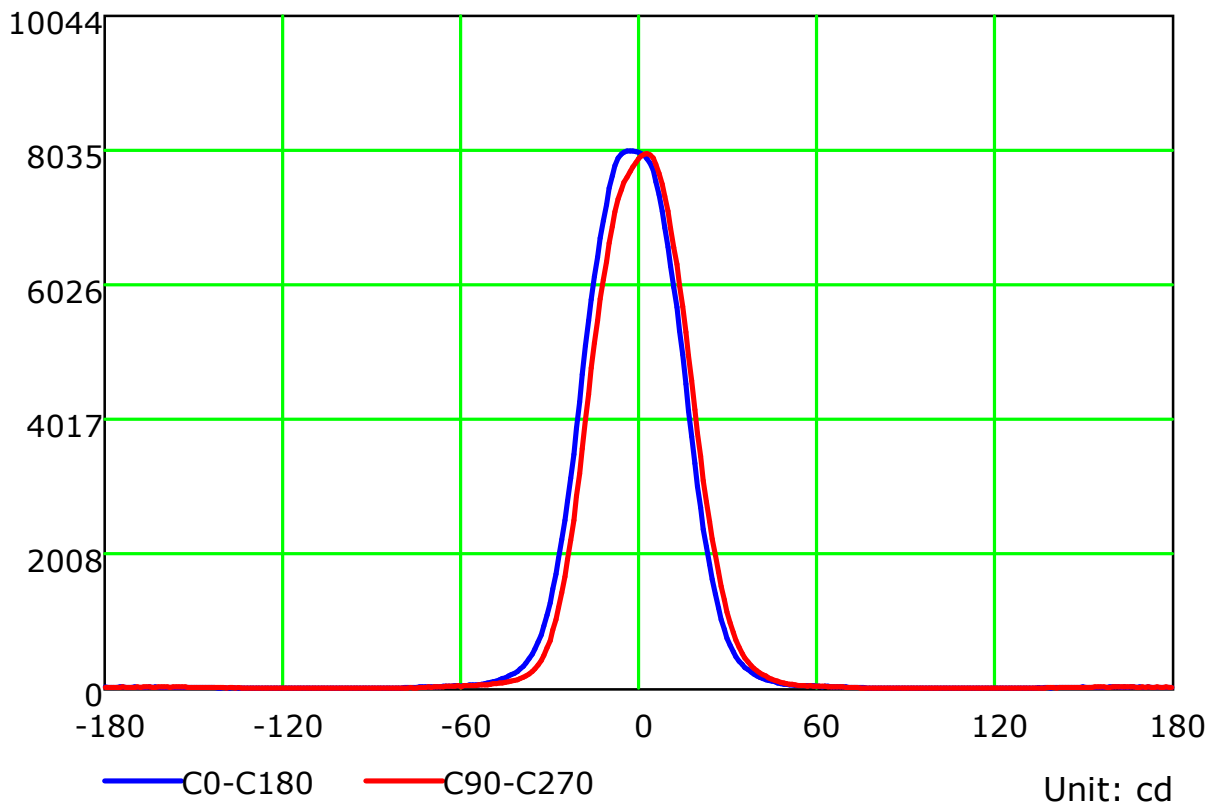
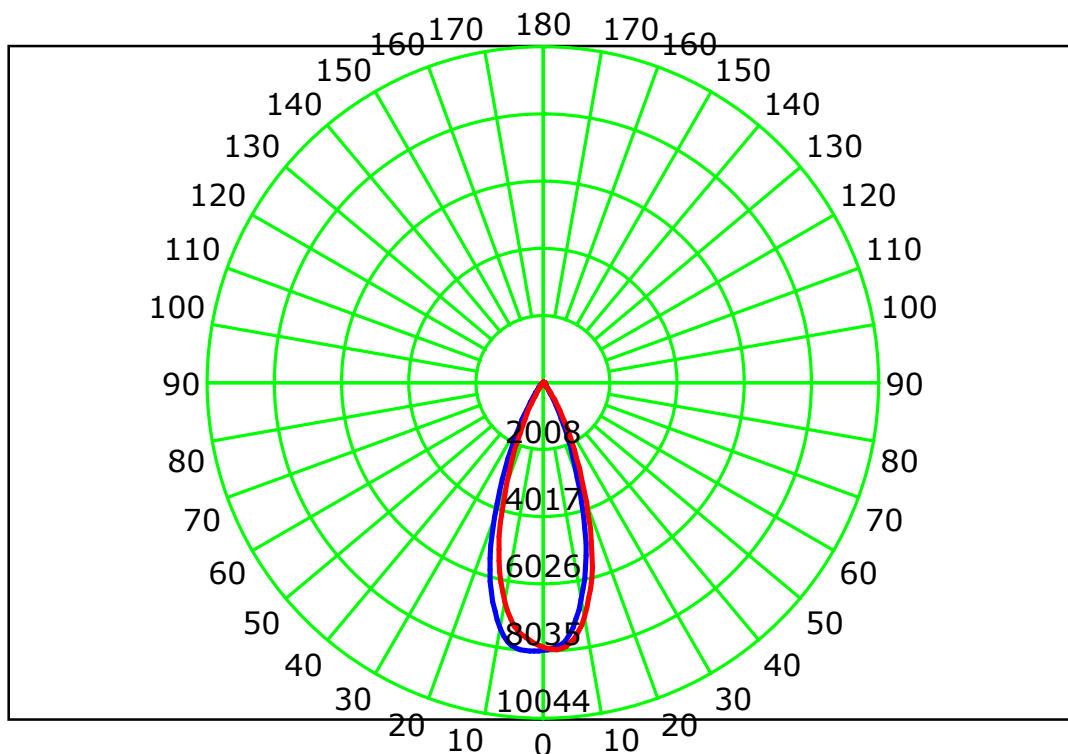
Test Device: GPM-1600L

Distance: 6.461 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



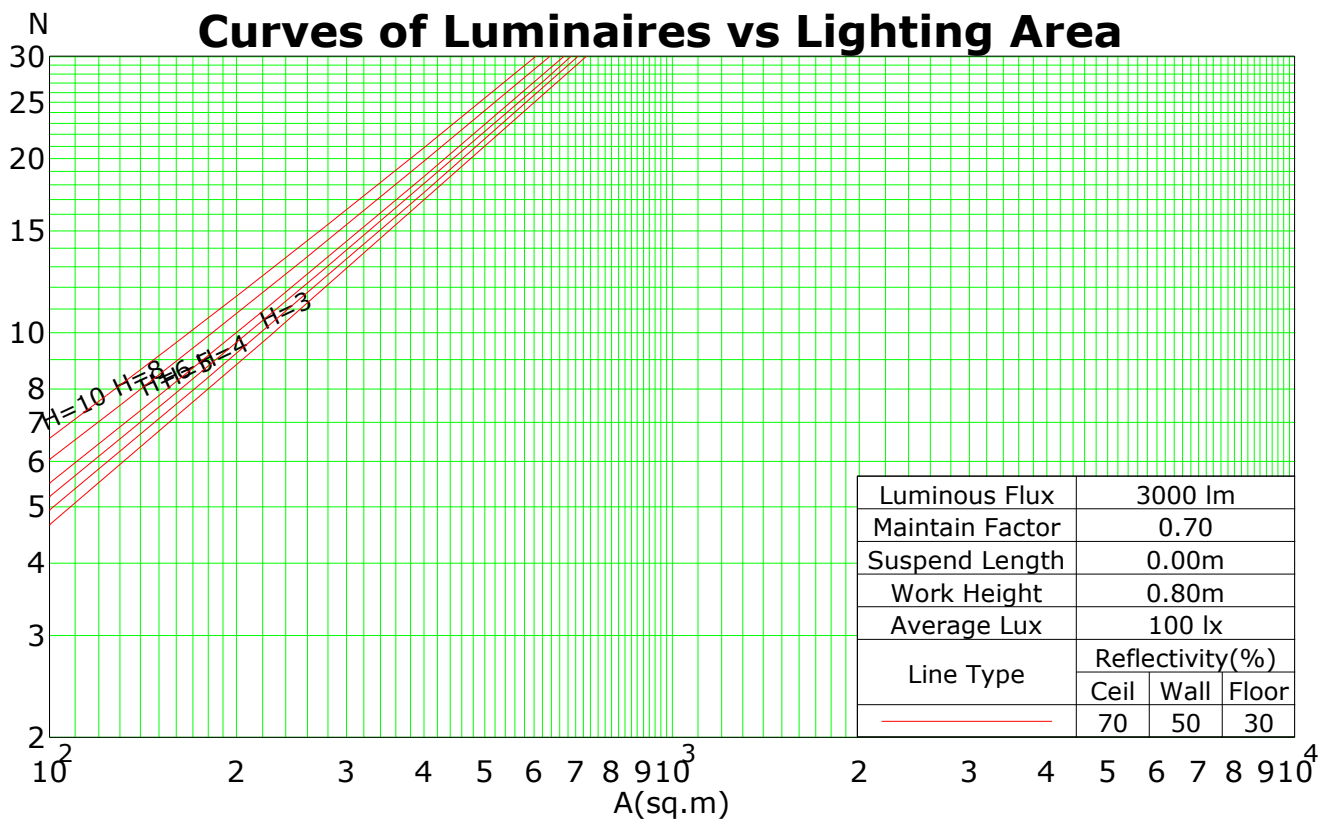
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.461 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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	91	103	98	94	90	95	92	89	92	90	87	90	88	86	84
4	100	94	89	85	99	93	88	85	90	87	84	88	85	83	87	84	82	80
5	96	89	84	80	95	88	84	80	86	82	79	85	81	78	83	80	78	76
6	93	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73
7	89	81	76	72	88	80	76	72	79	75	72	78	74	71	77	73	71	70
8	86	78	72	69	85	77	72	69	76	72	68	75	71	68	74	70	68	67
9	83	74	69	66	82	74	69	66	73	69	66	72	68	65	71	68	65	64
10	80	71	66	63	79	71	66	63	70	66	63	69	65	63	69	65	62	61

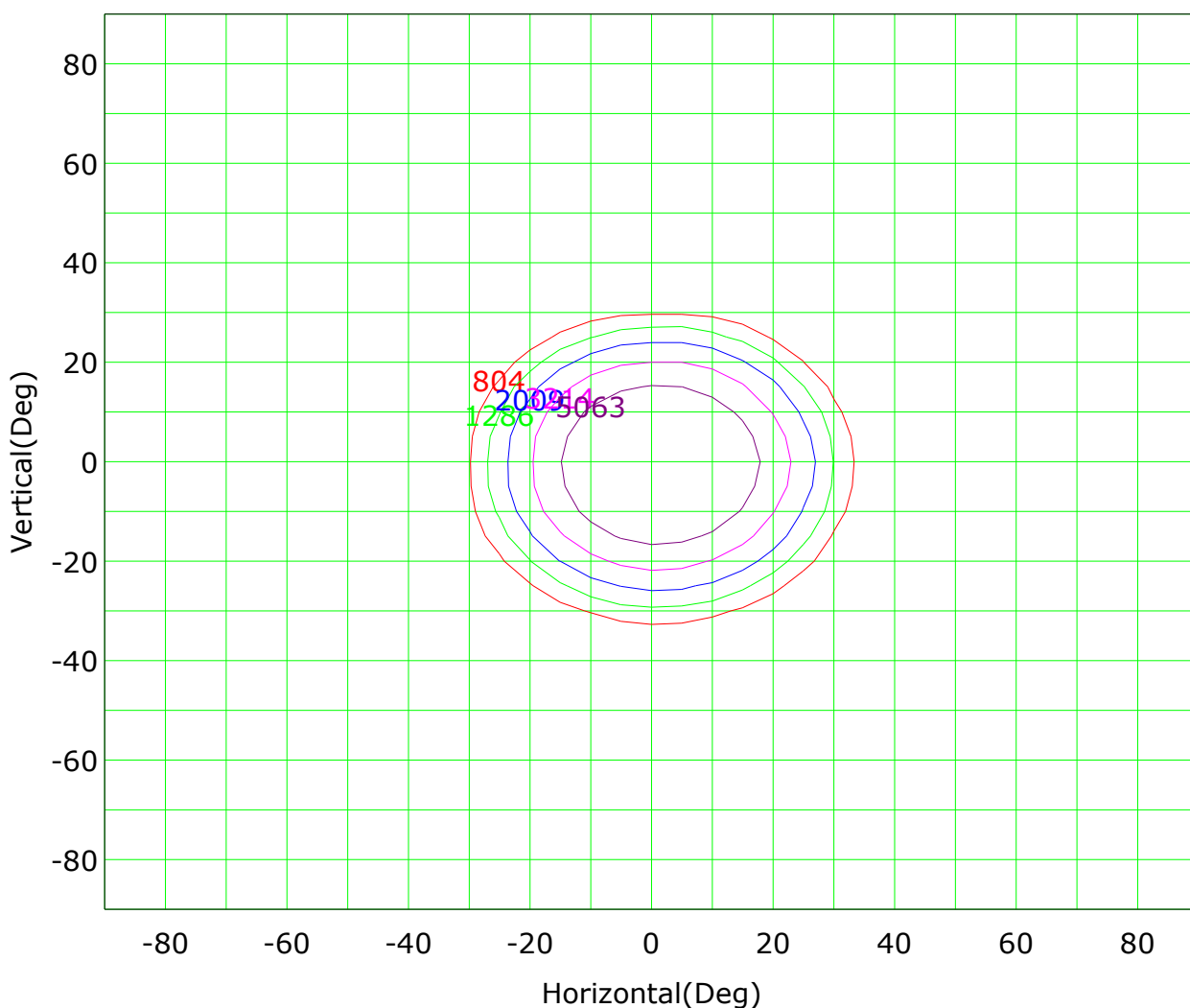
Spacing Criteria (0-180): 0.63
 Spacing Criteria (90-270): 0.62
 Spacing Criteria (Diagonal): 0.60



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: 6.461 m
 Humidity:
 Inspector:

Isocandela (rectangle)



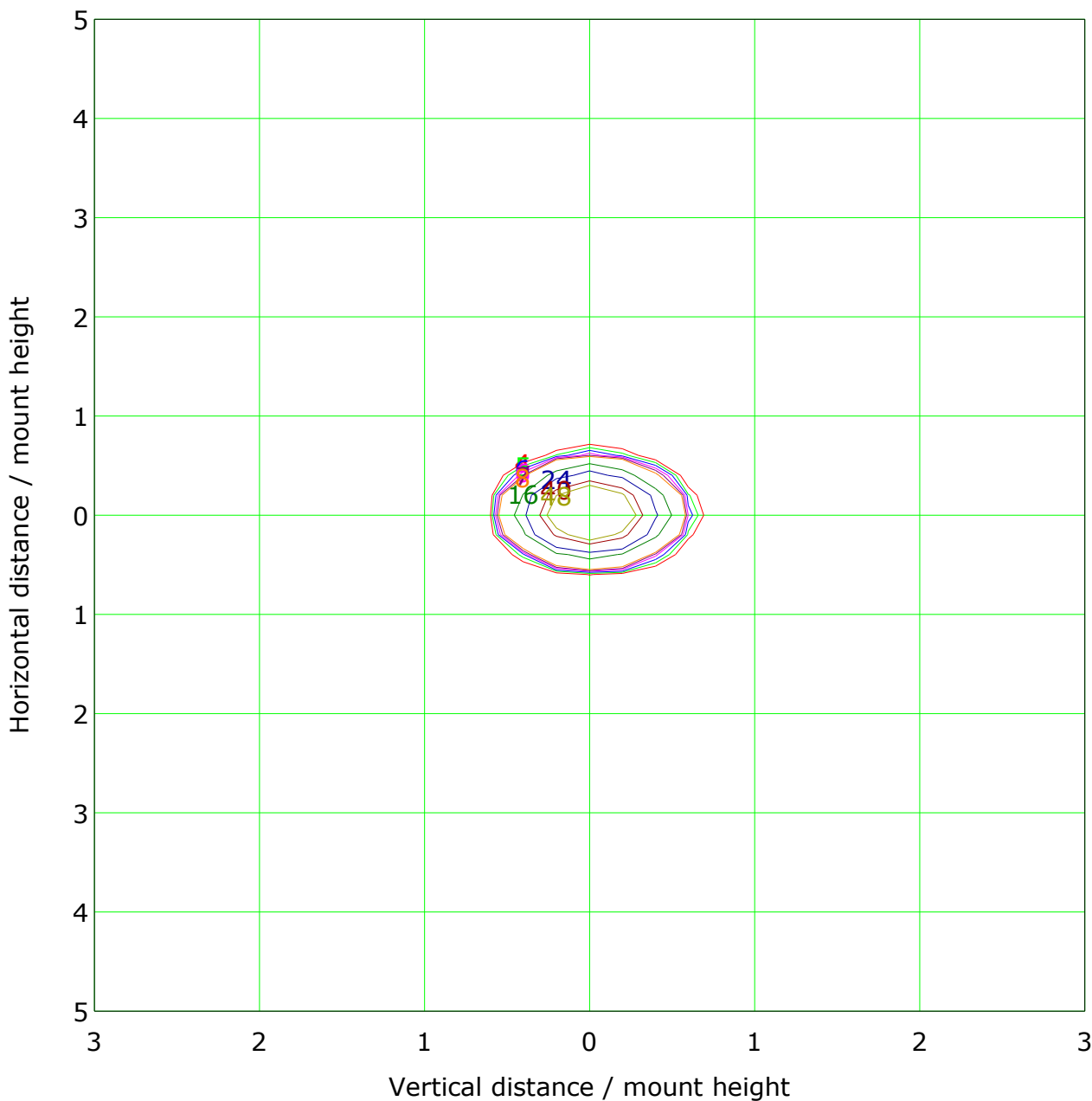
Imax (100%): 8036 cd

— (10%): 804 cd	— (16%): 1286 cd
— (25%): 2009 cd	— (40%): 3214 cd
— (63%): 5063 cd	— (100%): 8036 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: 6.461 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 80.2 lx	
— (5%):	4.0 lx	— (6%):	4.8 lx
— (7%):	5.6 lx	— (8%):	6.4 lx
— (9%):	7.2 lx	— (10%):	8.0 lx
— (20%):	16.0 lx	— (30%):	24.0 lx
— (50%):	40.1 lx	— (60%):	48.1 lx

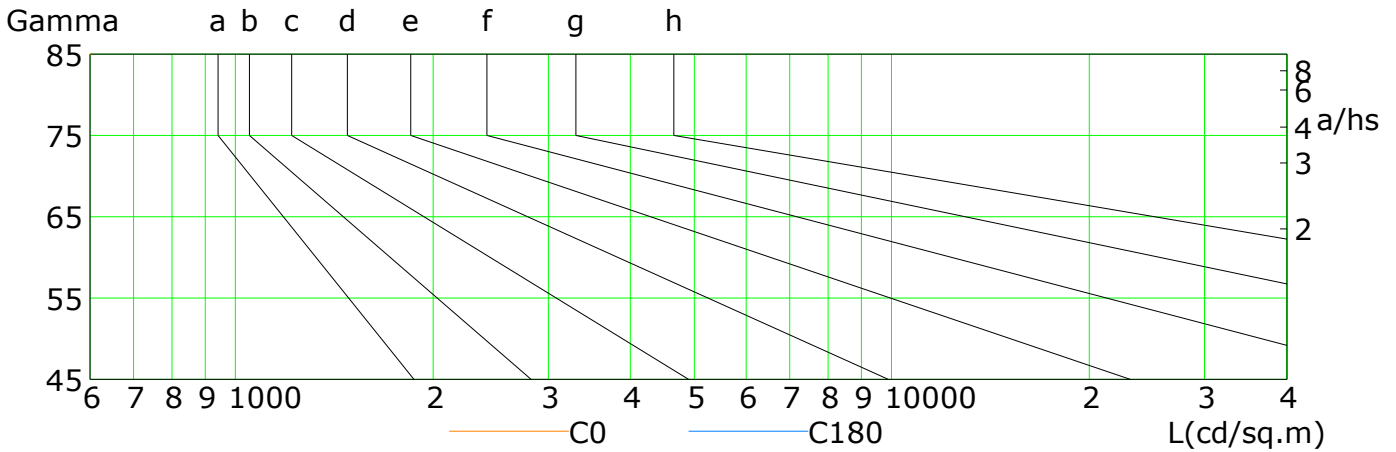
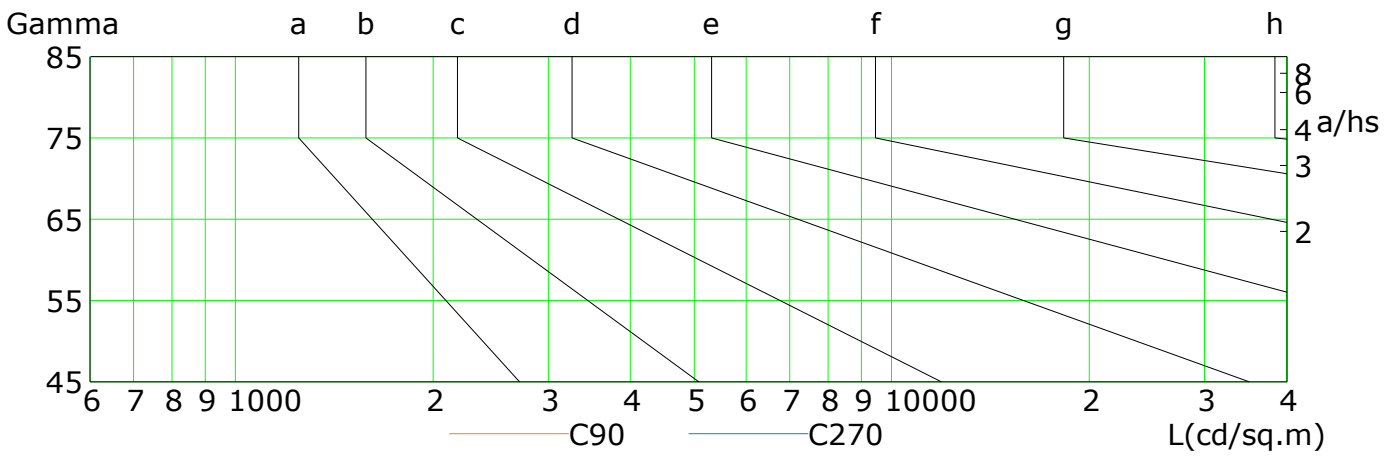
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.461 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

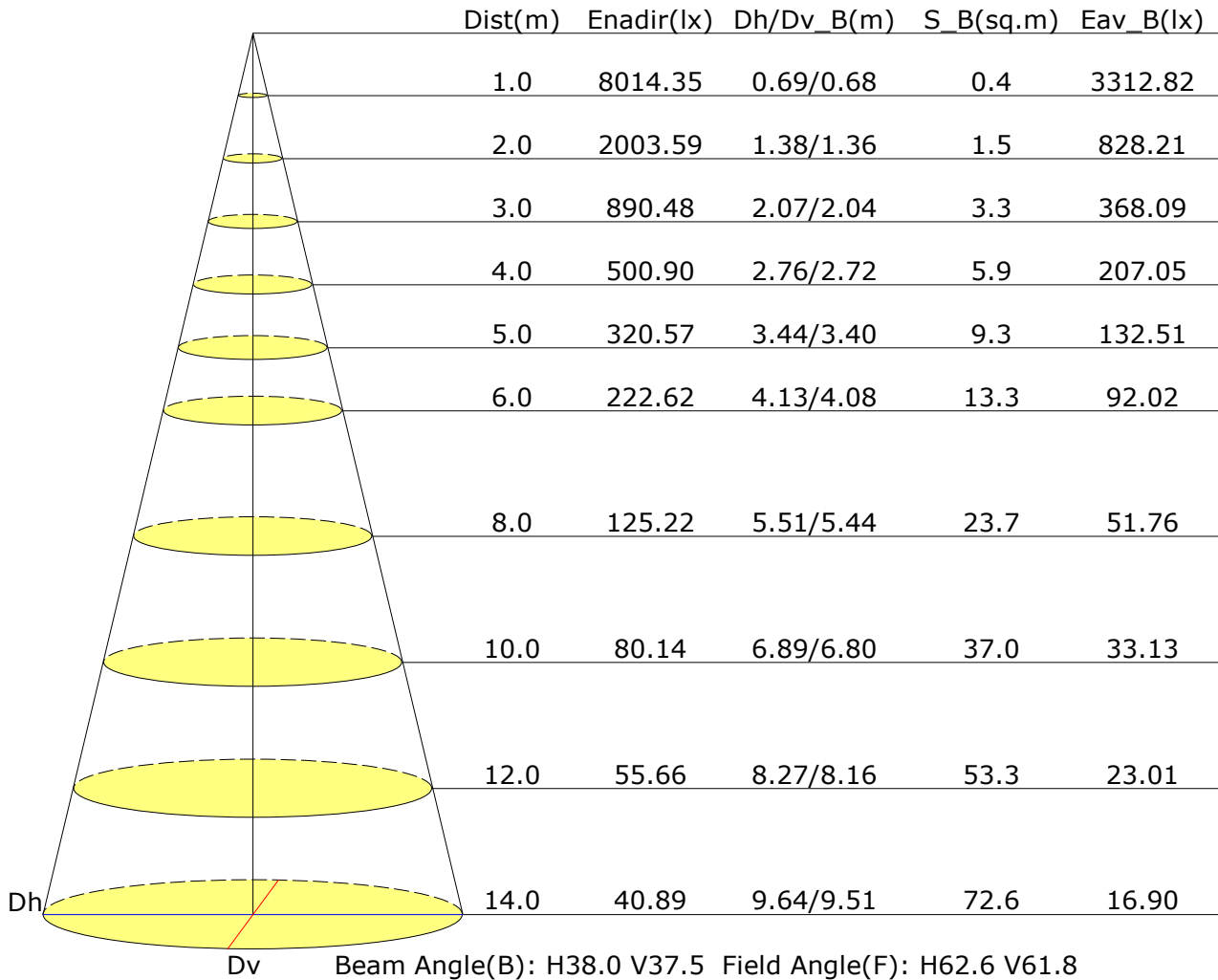


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	107	62	46	32	24	23	11	5	0
C90	143	72	46	32	23	18	8	2	0
C180	161	91	56	38	36	27	17	8	3
C270	94	62	45	29	31	18	7	3	0

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: 6.461 m
Humidity:
Inspector:

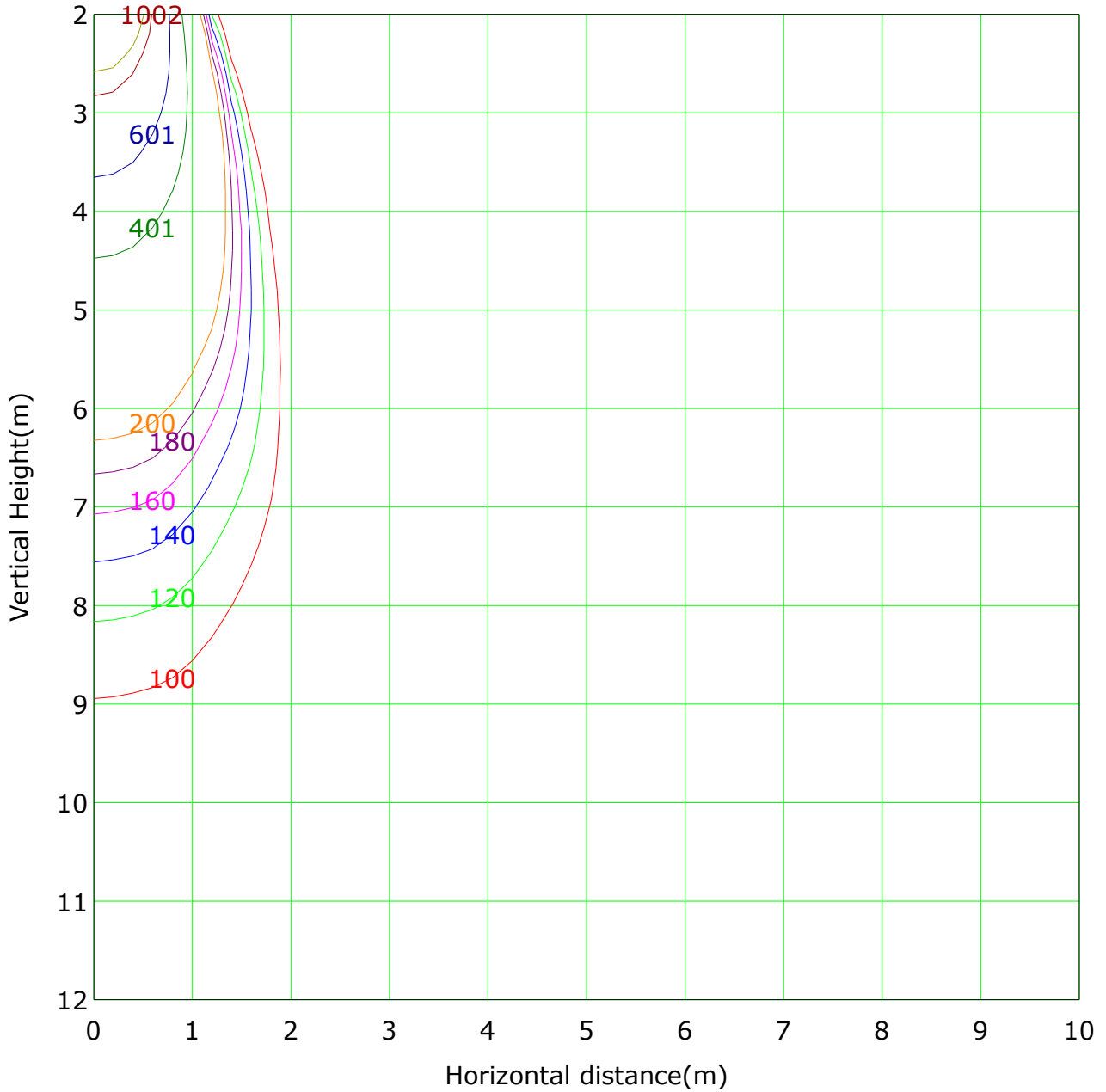
Illuminance at a Distance



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: 6.461 m
Humidity:
Inspector:

Vertical IsoLux Plot

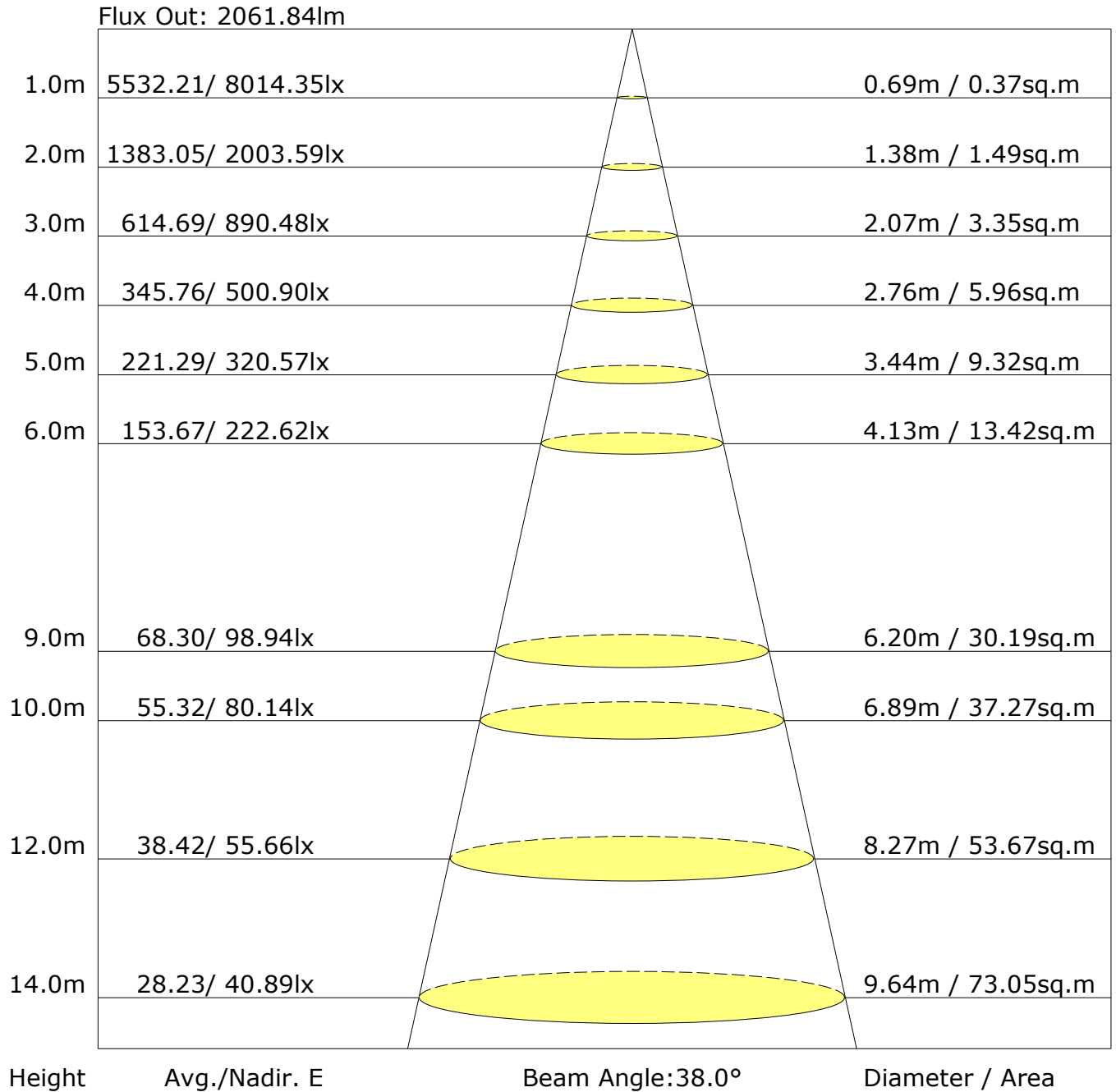


Lowest(m): 2.0m		Highest(m): 12.0m		Max Lux: 2003.6 lx	
— (5%): 100.2 lx		— (6%): 120.2 lx		— (8%): 160.3 lx	
— (7%): 140.3 lx		— (9%): 180.3 lx		— (10%): 200.4 lx	
— (20%): 400.7 lx		— (30%): 601.1 lx		— (60%): 1202.2 lx	
— (50%): 1001.8 lx					

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: 6.461 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



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: 6.461 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 3652lm ($8\log(F/F_0) = 4.5$).

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: 6.461 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	8014.4	7915.9	8014.4	7915.9	8014.4					
G1.0	7996.5	7956.1	8020.0	7861.0	7996.5					
G2.0	7960.4	7981.9	8027.1	7796.1	7960.4					
G3.0	7911.9	7990.1	8029.4	7720.9	7911.9					
G4.0	7846.9	7970.4	8035.8	7641.9	7846.9					
G5.0	7743.9	7925.4	8015.1	7564.7	7743.9					
G6.0	7571.1	7826.5	7979.6	7446.4	7571.1					
G7.0	7379.4	7700.5	7921.8	7308.9	7379.4					
G8.0	7134.5	7537.4	7814.5	7121.0	7134.5					
G9.0	6884.6	7353.1	7662.1	6901.9	6884.6					
G10.0	6593.2	7132.2	7471.4	6657.1	6593.2					
G11.0	6308.4	6870.5	7226.3	6375.9	6308.4					
G12.0	5994.3	6582.7	6984.2	6103.7	5994.3					
G13.0	5692.1	6336.3	6726.6	5819.7	5692.1					
G14.0	5339.1	6021.9	6440.3	5492.5	5339.1					
G15.0	4986.4	5711.1	6156.3	5161.5	4986.4					
G16.0	4548.3	5324.3	5814.8	4789.6	4548.3					
G17.0	4146.5	4969.0	5496.9	4396.2	4146.5					
G18.0	3766.9	4597.4	5122.1	4014.3	3766.9					
G19.0	3362.8	4168.2	4691.7	3580.6	3362.8					
G20.0	3015.2	3817.0	4277.1	3214.0	3015.2					
G21.0	2706.6	3464.3	3891.4	2873.3	2706.6					
G22.0	2379.7	3107.2	3495.4	2512.1	2379.7					
G23.0	2116.9	2792.8	3146.3	2217.1	2116.9					
G24.0	1854.7	2489.4	2802.2	1925.8	1854.7					
G25.0	1630.8	2232.7	2509.3	1670.2	1630.8					
G26.0	1410.7	1992.2	2224.1	1434.5	1410.7					
G27.0	1203.9	1731.8	1949.3	1212.9	1203.9					
G28.0	1032.4	1522.9	1706.9	1032.2	1032.4					
G29.0	887.0	1325.1	1490.4	873.9	887.0					
G30.0	750.5	1140.3	1277.8	714.2	750.5					
G31.0	642.1	980.3	1099.9	603.0	642.1					
G32.0	547.5	836.6	937.1	496.4	547.5					
G33.0	474.7	718.3	802.1	417.4	474.7					
G34.0	409.0	619.3	693.5	349.7	409.0					
G35.0	354.5	522.5	586.4	293.7	354.5					
G36.0	310.3	450.1	509.9	249.7	310.3					

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: 6.461 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	277.6	393.6	440.4	219.6	277.6					
G38.0	241.0	335.9	378.8	189.4	241.0					
G39.0	217.8	298.0	332.0	169.7	217.8					
G40.0	189.4	262.0	287.0	146.2	189.4					
G41.0	170.0	231.6	255.1	132.9	170.0					
G42.0	151.3	206.5	227.2	122.9	151.3					
G43.0	132.4	184.8	204.5	110.4	132.4					
G44.0	118.3	160.3	182.0	104.0	118.3					
G45.0	106.6	143.4	161.3	93.6	106.6					
G46.0	97.9	120.4	146.2	85.4	97.9					
G47.0	84.6	107.1	128.8	78.2	84.6					
G48.0	75.7	92.3	110.4	70.3	75.7					
G49.0	66.7	83.6	103.8	67.0	66.7					
G50.0	62.4	71.6	90.7	61.6	62.4					
G51.0	51.6	62.9	79.8	53.4	51.6					
G52.0	51.6	58.3	71.8	51.9	51.6					
G53.0	47.3	50.3	64.2	48.8	47.3					
G54.0	47.0	47.3	56.8	48.3	47.0					
G55.0	45.8	45.5	56.5	45.0	45.8					
G56.0	44.7	41.9	51.1	43.7	44.7					
G57.0	44.5	29.6	49.8	45.5	44.5					
G58.0	41.7	38.8	46.8	43.7	41.7					
G59.0	38.3	33.2	44.5	39.6	38.3					
G60.0	32.0	31.7	37.6	28.6	32.0					
G61.0	36.8	31.7	40.9	40.1	36.8					
G62.0	27.4	33.0	38.6	34.5	27.4					
G63.0	30.2	30.2	36.3	32.7	30.2					
G64.0	31.2	28.6	33.7	32.2	31.2					
G65.0	24.3	23.3	35.8	31.2	24.3					
G66.0	25.8	27.9	29.9	27.6	25.8					
G67.0	23.8	23.5	27.4	21.2	23.8					
G68.0	22.2	21.0	27.4	22.0	22.2					
G69.0	22.2	22.8	28.6	24.0	22.2					
G70.0	23.0	17.9	26.6	18.1	23.0					
G71.0	12.8	15.1	24.5	19.2	12.8					
G72.0	17.9	14.8	22.5	15.9	17.9					
G73.0	13.8	12.8	21.2	16.6	13.8					

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: 6.461 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	12.8	10.2	19.7	12.8	12.8					
G75.0	11.0	7.9	16.6	6.7	11.0					
G76.0	10.5	5.1	14.6	9.5	10.5					
G77.0	4.9	7.9	11.3	10.2	4.9					
G78.0	8.7	6.9	11.3	7.2	8.7					
G79.0	6.4	3.1	11.8	0.3	6.4					
G80.0	4.6	2.0	8.2	3.3	4.6					
G81.0	2.6	0.0	5.4	1.5	2.6					
G82.0	0.3	0.0	6.7	1.3	0.3					
G83.0	0.0	0.0	3.3	0.0	0.0					
G84.0	0.3	0.0	3.8	0.0	0.3					
G85.0	0.0	0.0	2.6	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: 6.461 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	0.3	0.0	0.0	0.0	0.3					
G121.0	1.3	0.0	0.0	0.0	1.3					
G122.0	0.0	0.5	0.0	0.3	0.0					
G123.0	0.8	0.0	0.5	0.0	0.8					
G124.0	0.3	0.0	0.0	0.0	0.3					
G125.0	3.1	0.0	0.0	1.3	3.1					
G126.0	0.0	1.5	0.8	0.5	0.0					
G127.0	4.9	1.0	0.0	2.6	4.9					
G128.0	1.0	1.0	2.0	2.6	1.0					
G129.0	3.3	1.5	1.3	3.3	3.3					
G130.0	1.3	3.6	2.8	5.4	1.3					
G131.0	6.9	5.1	0.0	4.1	6.9					
G132.0	5.1	5.1	2.8	4.9	5.1					
G133.0	2.3	4.6	4.1	4.6	2.3					
G134.0	7.2	5.1	3.3	5.6	7.2					
G135.0	10.0	4.6	6.1	9.7	10.0					
G136.0	7.9	7.2	4.9	8.2	7.9					
G137.0	11.5	7.4	10.2	11.0	11.5					
G138.0	12.5	10.2	5.4	11.8	12.5					
G139.0	8.7	10.7	4.1	9.5	8.7					
G140.0	12.0	12.3	9.7	10.5	12.0					
G141.0	13.8	8.2	7.4	14.3	13.8					
G142.0	13.3	11.5	8.4	14.6	13.3					
G143.0	10.5	12.8	10.5	10.0	10.5					
G144.0	14.3	13.0	11.0	14.6	14.3					
G145.0	15.9	13.8	13.0	14.8	15.9					
G146.0	13.8	12.5	13.6	17.9	13.8					
G147.0	16.4	15.1	13.0	15.9	16.4					

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: 6.461 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	16.1	16.1	15.3	16.4	16.1					
G149.0	17.1	17.9	17.1	18.7	17.1					
G150.0	20.2	16.4	14.3	17.6	20.2					
G151.0	18.1	14.6	17.1	16.6	18.1					
G152.0	16.9	17.1	18.1	18.9	16.9					
G153.0	14.3	17.4	18.1	19.7	14.3					
G154.0	18.1	19.4	18.9	20.2	18.1					
G155.0	18.1	19.9	16.9	20.7	18.1					
G156.0	14.6	19.4	11.5	21.7	14.6					
G157.0	18.7	22.8	17.4	20.2	18.7					
G158.0	18.9	15.3	18.4	18.7	18.9					
G159.0	19.9	18.9	17.1	20.2	19.9					
G160.0	20.2	20.7	17.1	21.2	20.2					
G161.0	19.9	20.5	18.4	19.9	19.9					
G162.0	19.7	19.2	18.4	20.5	19.7					
G163.0	18.7	20.5	19.7	16.4	18.7					
G164.0	20.5	20.7	18.1	16.9	20.5					
G165.0	17.9	20.5	20.2	21.0	17.9					
G166.0	19.4	22.0	16.6	22.2	19.4					
G167.0	21.0	20.7	16.1	20.5	21.0					
G168.0	17.9	17.9	15.9	16.4	17.9					
G169.0	21.0	17.4	18.1	20.7	21.0					
G170.0	17.6	20.2	20.5	16.9	17.6					
G171.0	18.1	18.9	16.4	14.1	18.1					
G172.0	21.5	20.5	14.8	16.4	21.5					
G173.0	18.1	18.7	16.4	17.9	18.1					
G174.0	17.1	17.1	19.9	19.2	17.1					
G175.0	16.6	19.9	19.2	16.6	16.6					
G176.0	17.6	16.4	15.6	16.6	17.6					
G177.0	18.9	17.6	14.6	16.1	18.9					
G178.0	17.4	19.2	17.1	15.1	17.4					
G179.0	16.1	16.4	15.9	17.9	16.1					
G180.0	17.6	16.6	19.7	17.9	17.6					

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: 6.461 m
 Humidity:
 Inspector: