

Item No.:HL-LHB-MW-MCCT-ML3-240W

Test Time: 2026/2/3 09:15

Luminaire Property

Luminaire Manufacturer:Havells Lighting LLC

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 510

Luminous Height (mm):

Current: 1.964 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 285

Voltage: 120.0 V

Power: 235.48 W

Photometric Results

CIE Class: Direct

Measurement Flux: 36106.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H117.5,H90.5

Vertical Diffuse Angle(10%,50%): V118.1,V89.5

Luminaire Efficacy Rating (LER): 153.38

Max. Intensity: 18399.6 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 36106.6 lm

Efficiency: 100%

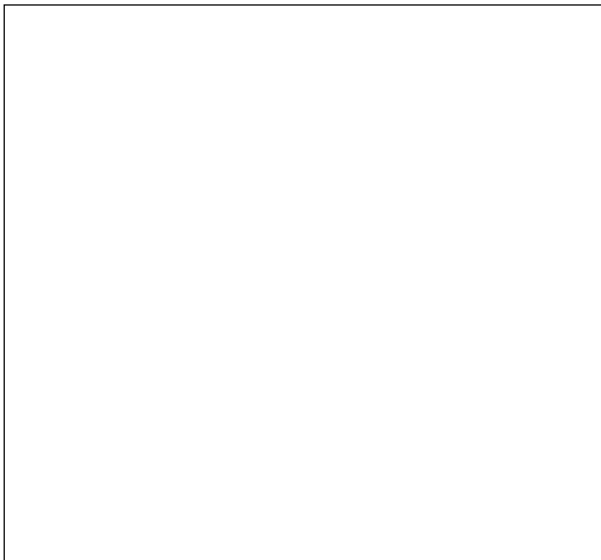
Upward Ratio: 0%

C0r0 Intensity: 18361.85 cd

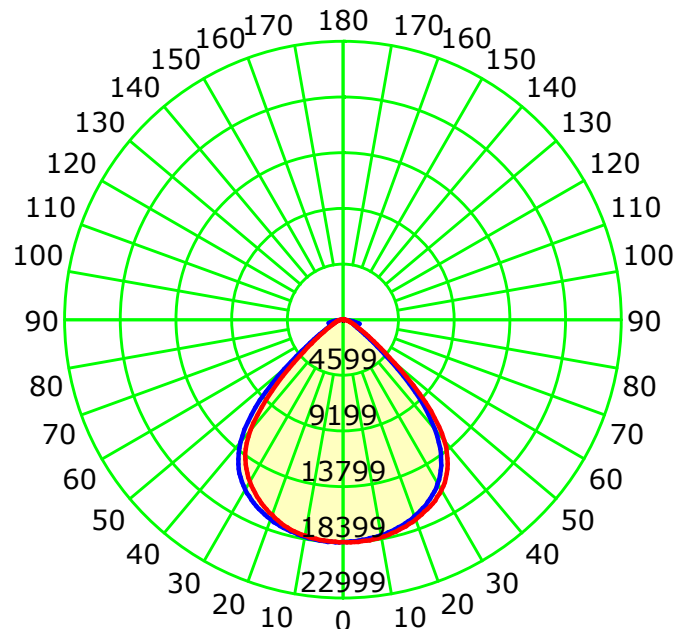
Pos of Max. Intensity: H90 V4

S/MH(C90/C270): 1.27

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 90.0°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.6 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

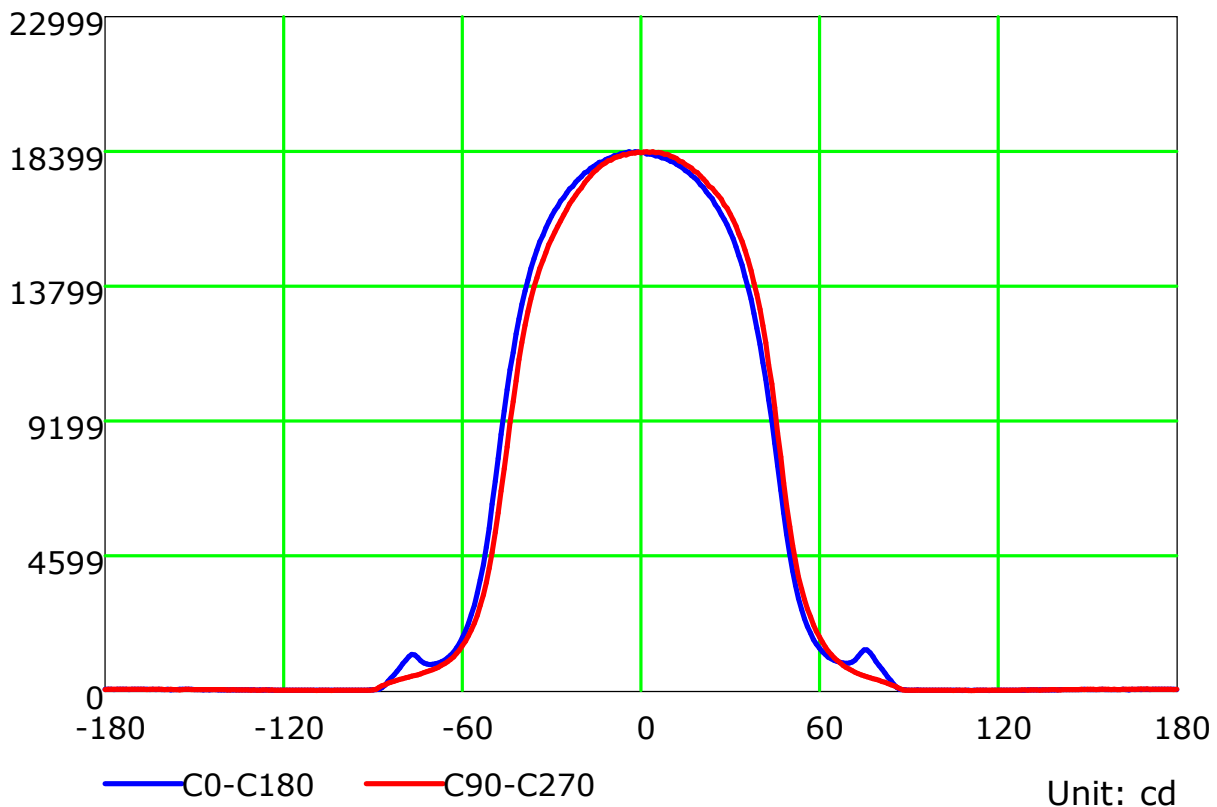
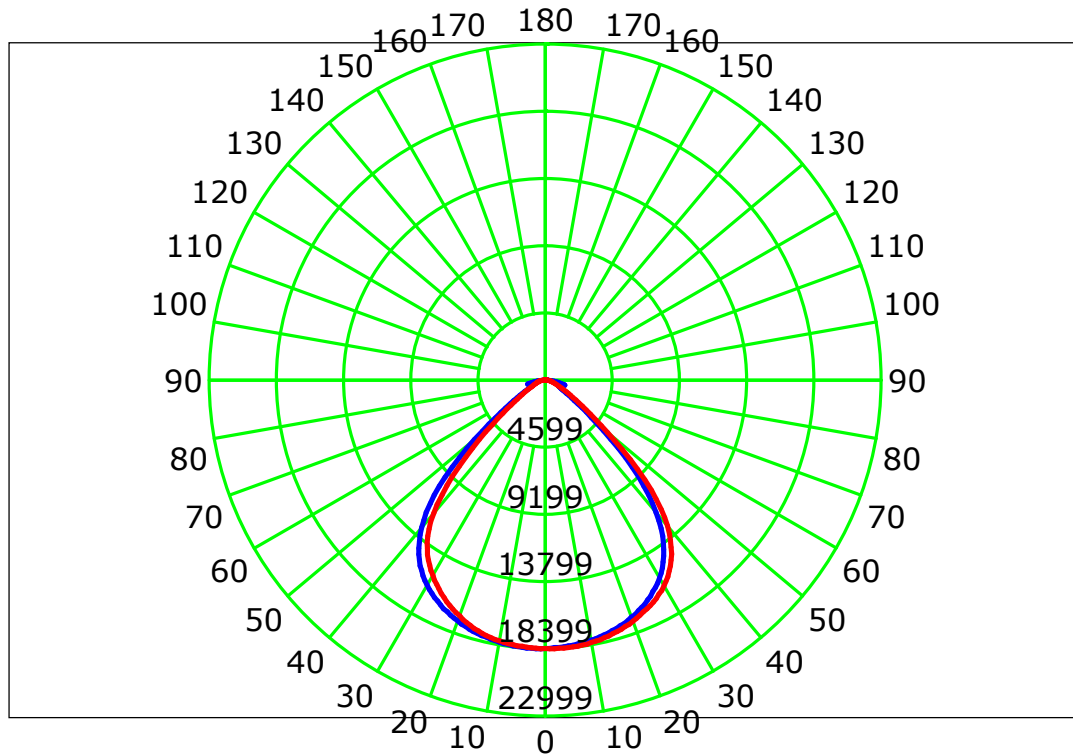
Test Device: GPM-3000

Distance: 15.469 m [K=1.0000]

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

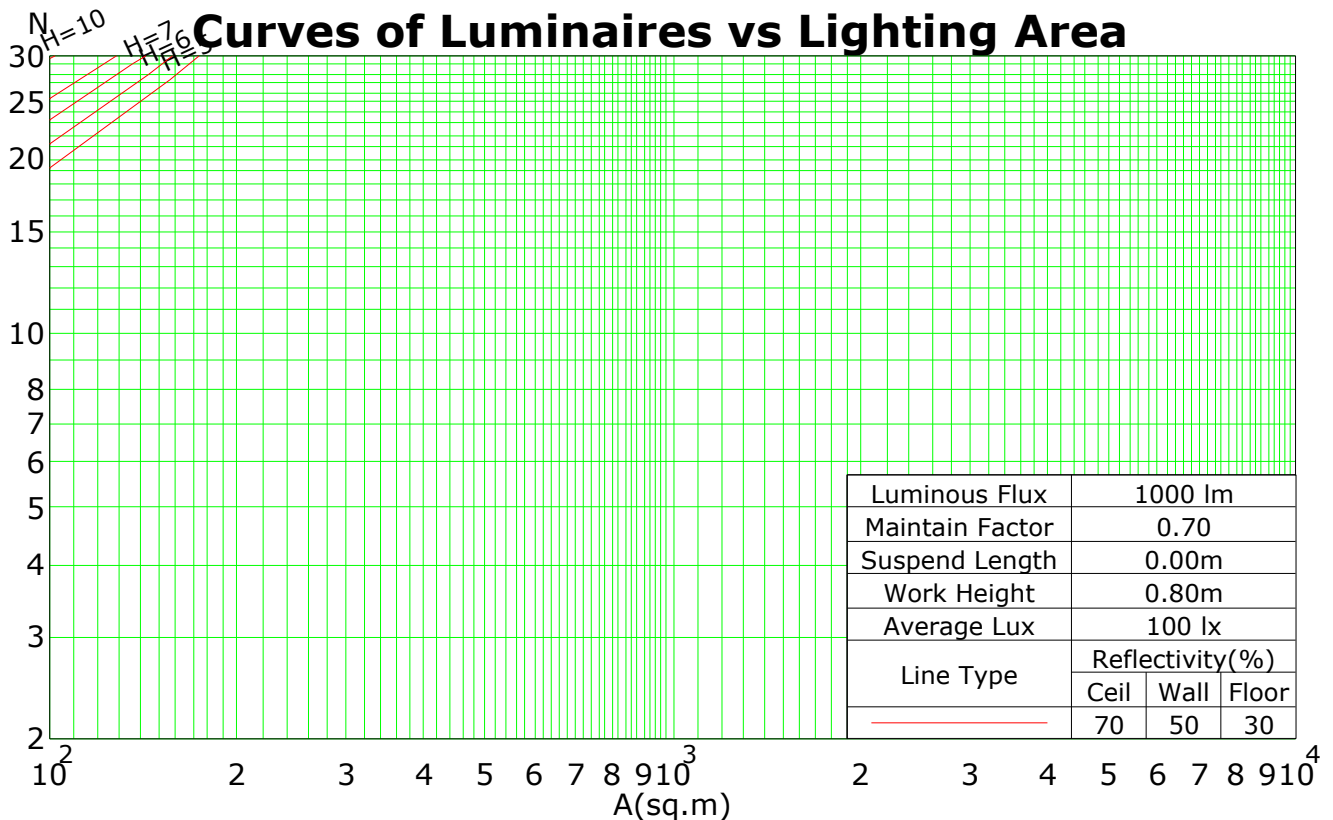
Coefficients Of Utilization - Zonal Cavity Method

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.11	1.08	1.04	1.01	1.09	1.05	1.02	1.00	1.01	0.99	0.97	0.97	0.95	0.94	0.94	0.92	0.91	0.89
2	1.04	0.97	0.92	0.87	1.01	0.95	0.90	0.86	0.92	0.88	0.84	0.89	0.85	0.82	0.86	0.83	0.80	0.79
3	0.96	0.88	0.81	0.76	0.94	0.86	0.80	0.75	0.83	0.78	0.74	0.81	0.76	0.73	0.78	0.75	0.71	0.70
4	0.89	0.79	0.72	0.67	0.87	0.78	0.71	0.66	0.76	0.70	0.65	0.74	0.69	0.64	0.72	0.67	0.64	0.62
5	0.83	0.72	0.65	0.59	0.81	0.71	0.64	0.59	0.69	0.63	0.58	0.67	0.62	0.58	0.66	0.61	0.57	0.55
6	0.78	0.66	0.58	0.53	0.76	0.65	0.58	0.53	0.63	0.57	0.52	0.62	0.56	0.52	0.60	0.55	0.51	0.50
7	0.72	0.61	0.53	0.48	0.71	0.60	0.53	0.47	0.58	0.52	0.47	0.57	0.51	0.47	0.56	0.50	0.46	0.45
8	0.68	0.56	0.48	0.43	0.66	0.55	0.48	0.43	0.54	0.47	0.43	0.53	0.47	0.42	0.52	0.46	0.42	0.40
9	0.64	0.52	0.44	0.39	0.62	0.51	0.44	0.39	0.50	0.43	0.39	0.49	0.43	0.39	0.48	0.42	0.39	0.37
10	0.60	0.48	0.41	0.36	0.59	0.47	0.40	0.36	0.46	0.40	0.36	0.45	0.40	0.35	0.45	0.39	0.35	0.34

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.27

Spacing Criteria (Diagonal): 1.28



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.6 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

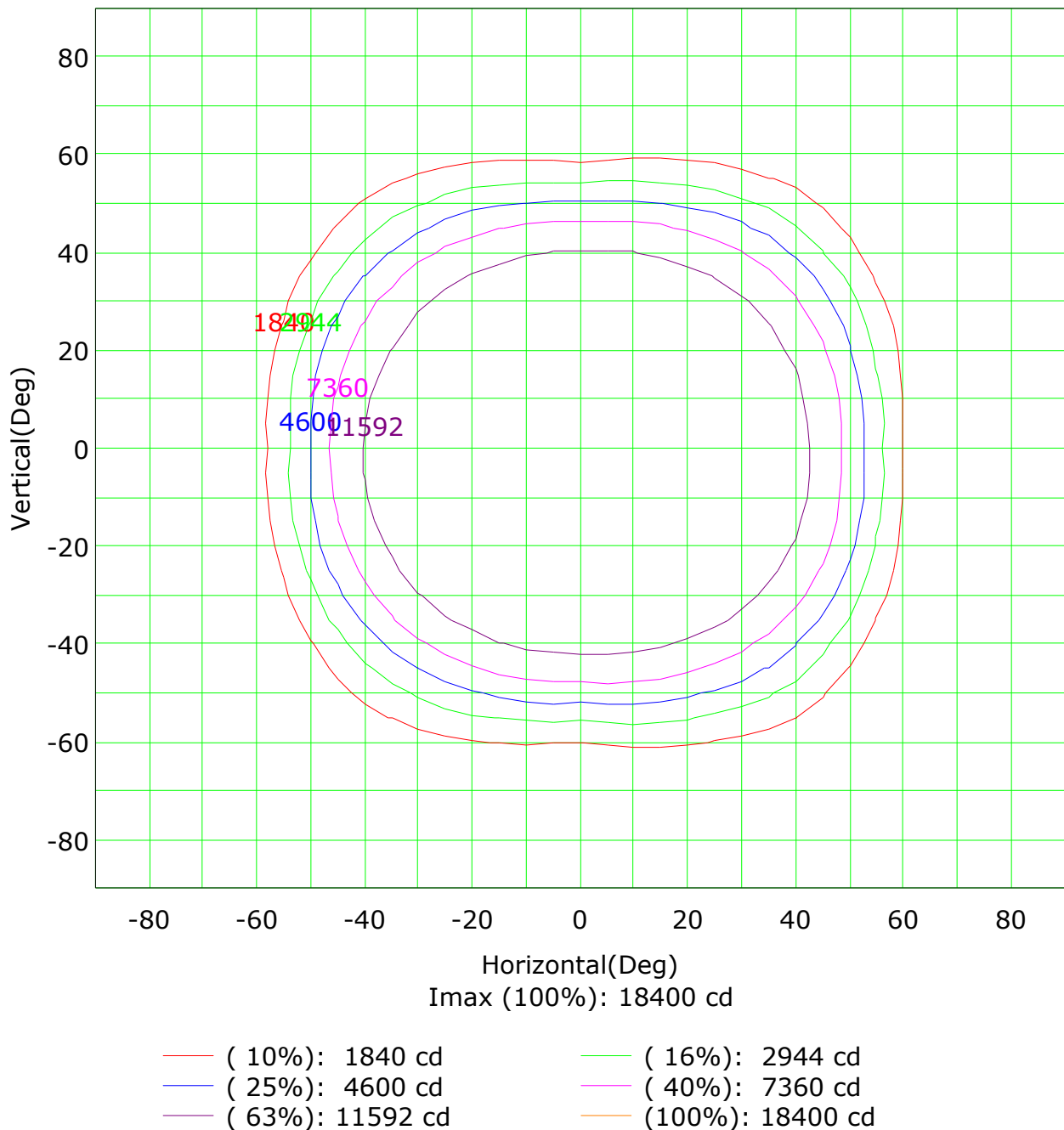
Test Device: GPM-3000

Distance: 15.469 m [K=1.0000]

Humidity:

Inspector:

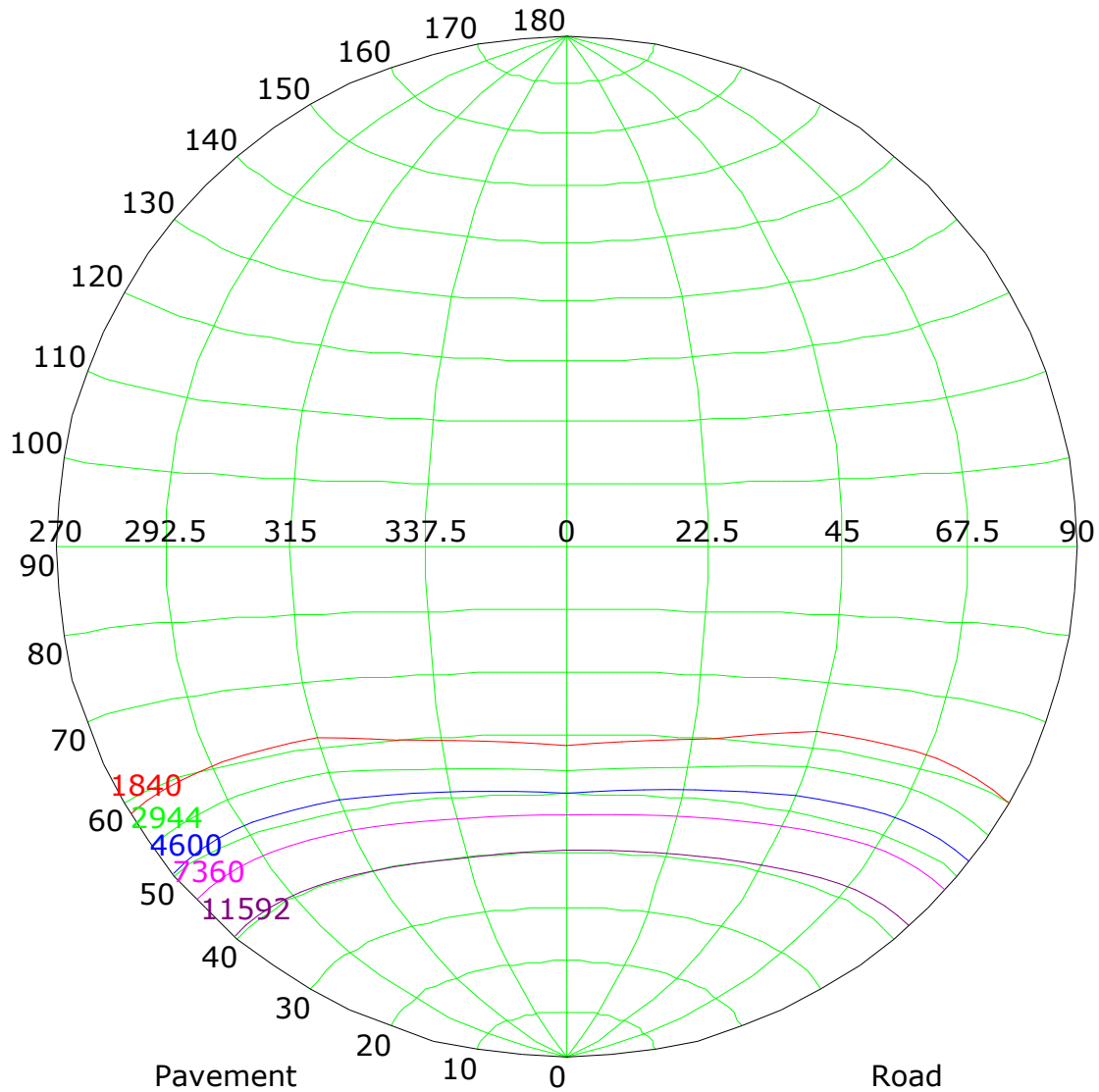
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 18400 cd

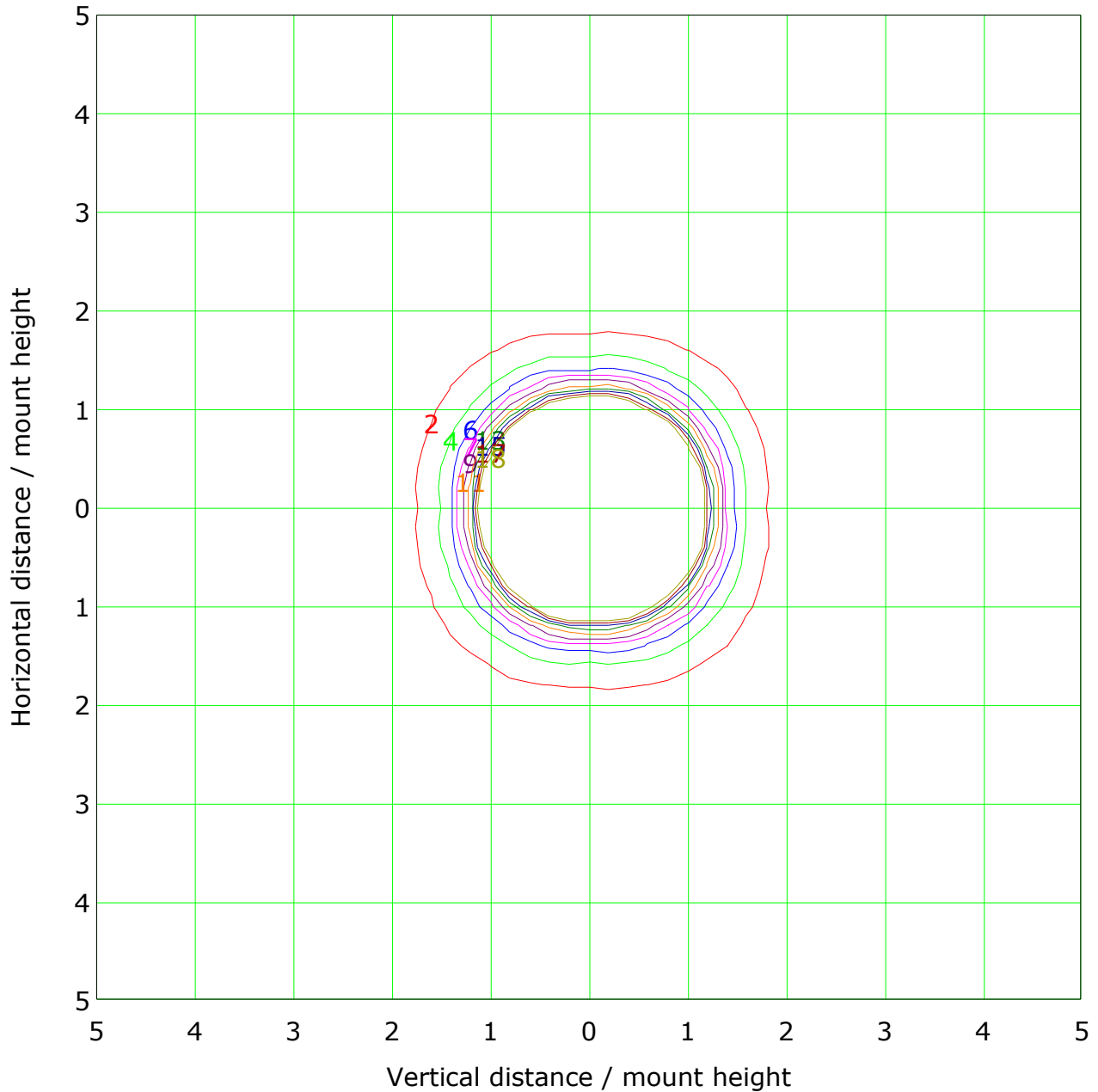
(10%): 1840 cd
(25%): 4600 cd
(63%): 11592 cd

(16%): 2944 cd
(40%): 7360 cd
(100%): 18400 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.752 cd/klm

IES: Cut-off
Max.At80: 25.562 cd/klm
Max.80-90: 25.562 cd/klm

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 183.8 lx	
(1%):	1.8 lx	(2%):	3.7 lx
(3%):	5.5 lx	(4%):	7.4 lx
(5%):	9.2 lx	(6%):	11.0 lx
(7%):	12.9 lx	(8%):	14.7 lx
(9%):	16.5 lx	(10%):	18.4 lx

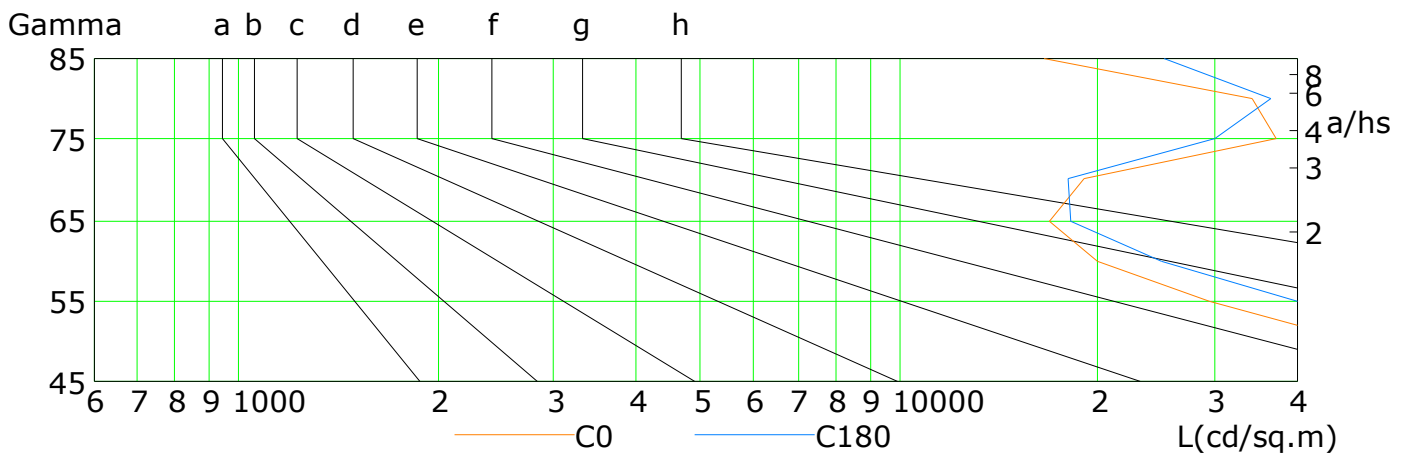
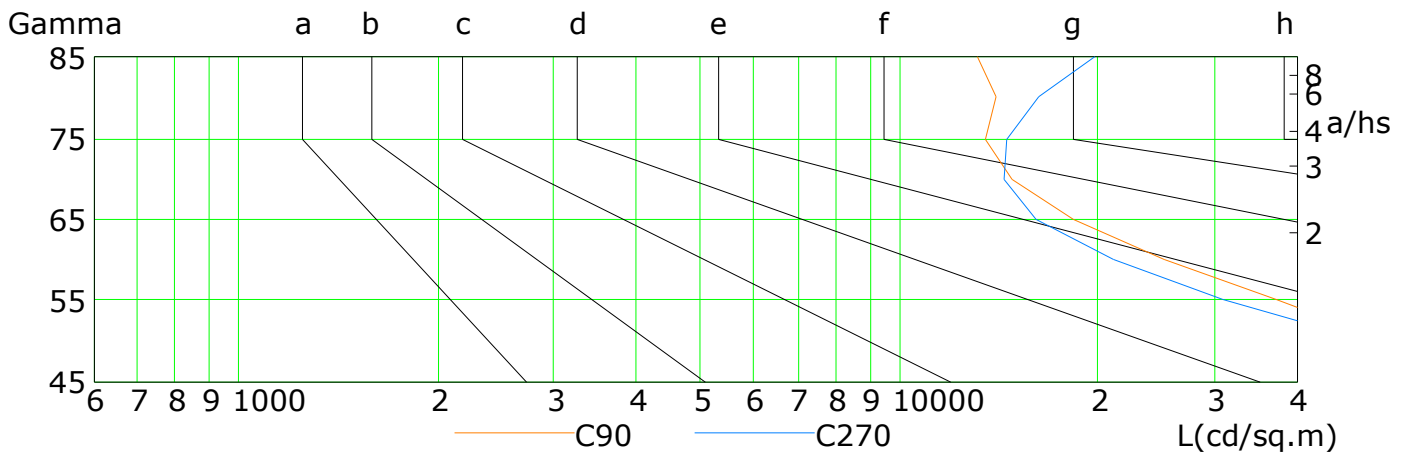
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
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	82122	49802	29470	19895	16868	18996	37130	34142	16551
C90	93983	59916	37326	25190	18287	14806	13477	14020	13171
C180	100013	68136	40053	24921	18145	18051	30063	36568	25223
C270	80975	50482	30828	21070	16067	14400	14514	16212	19841

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.6 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

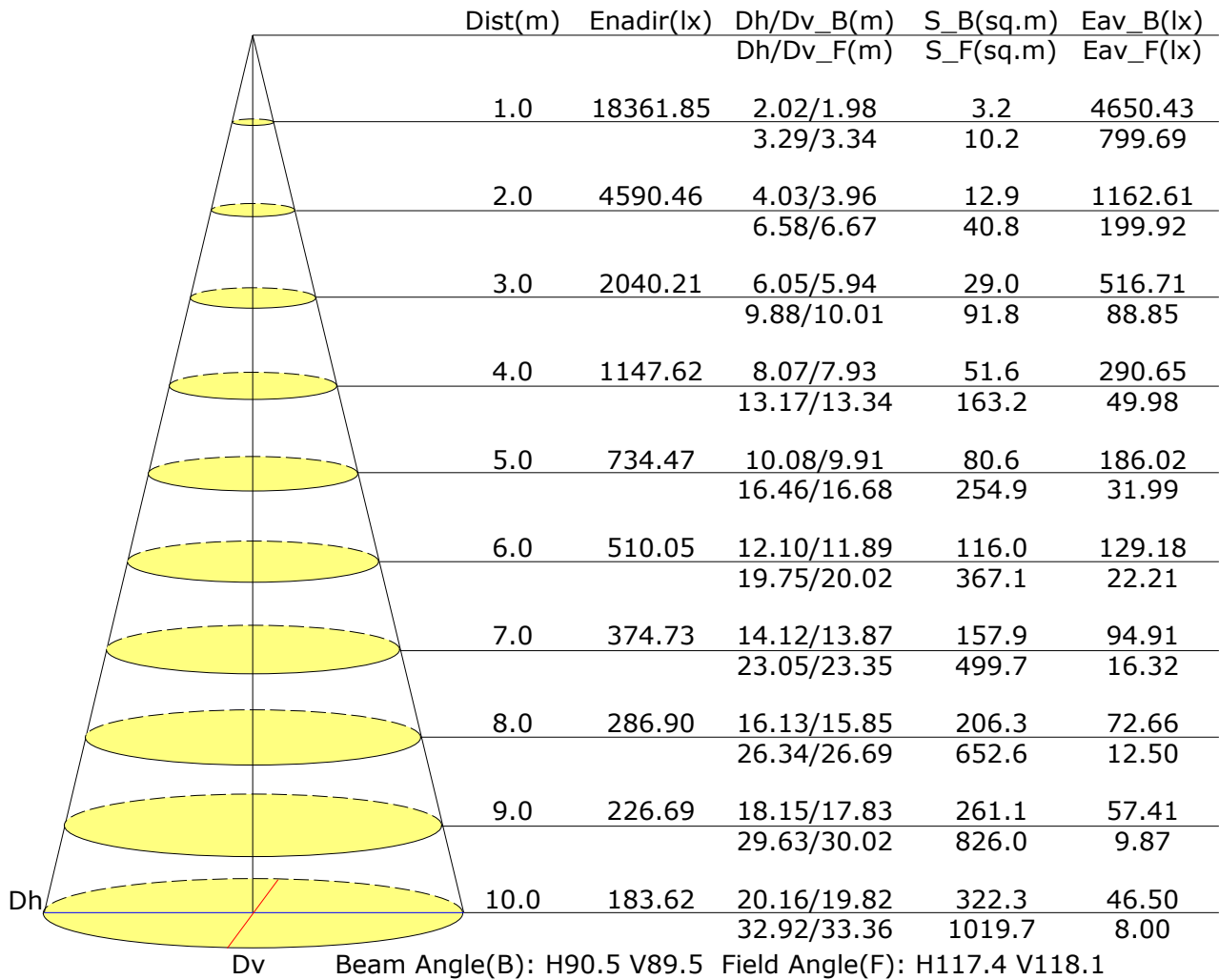
Test Device: GPM-3000

Distance: 15.469 m [K=1.0000]

Humidity:

Inspector:

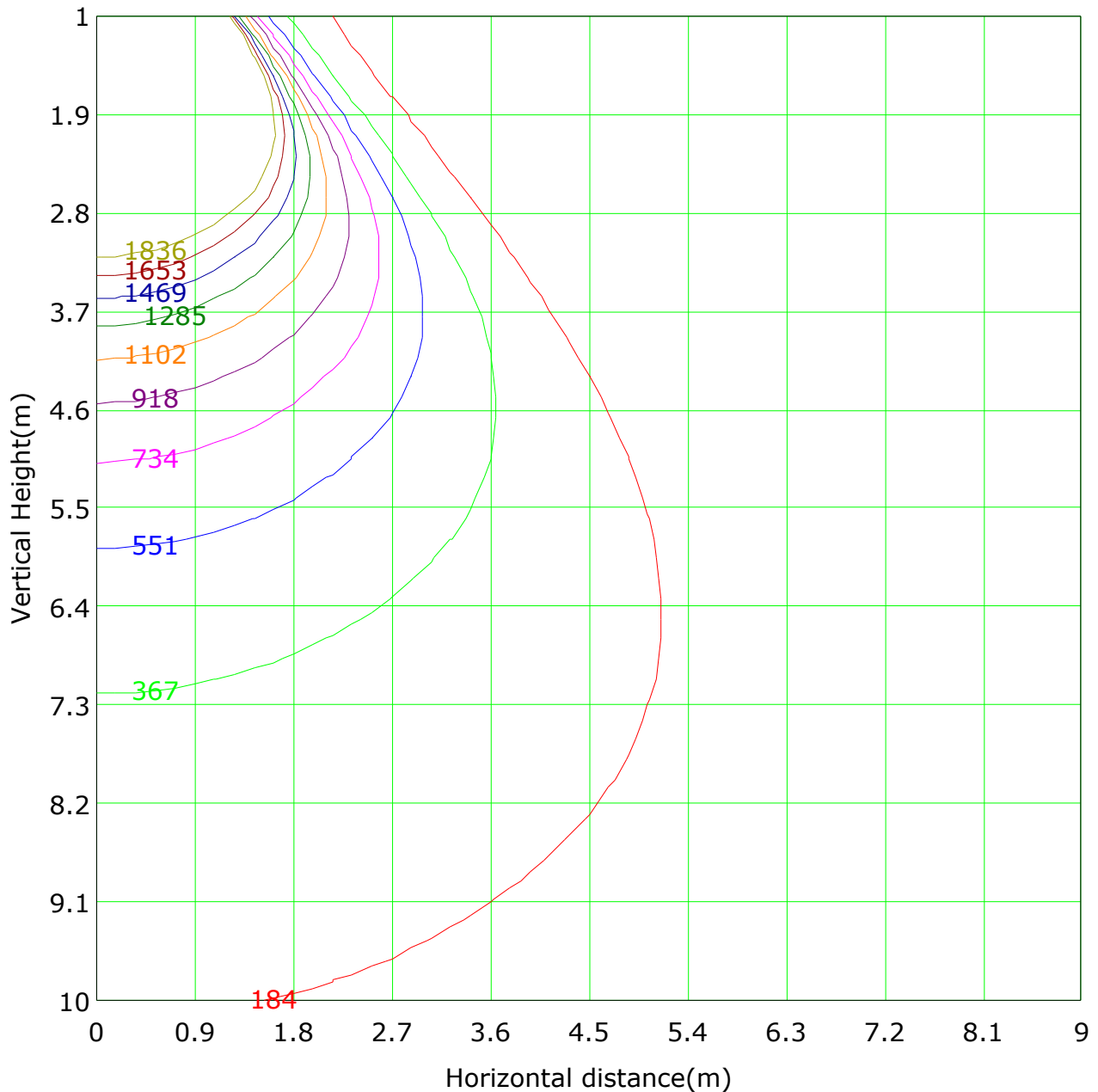
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



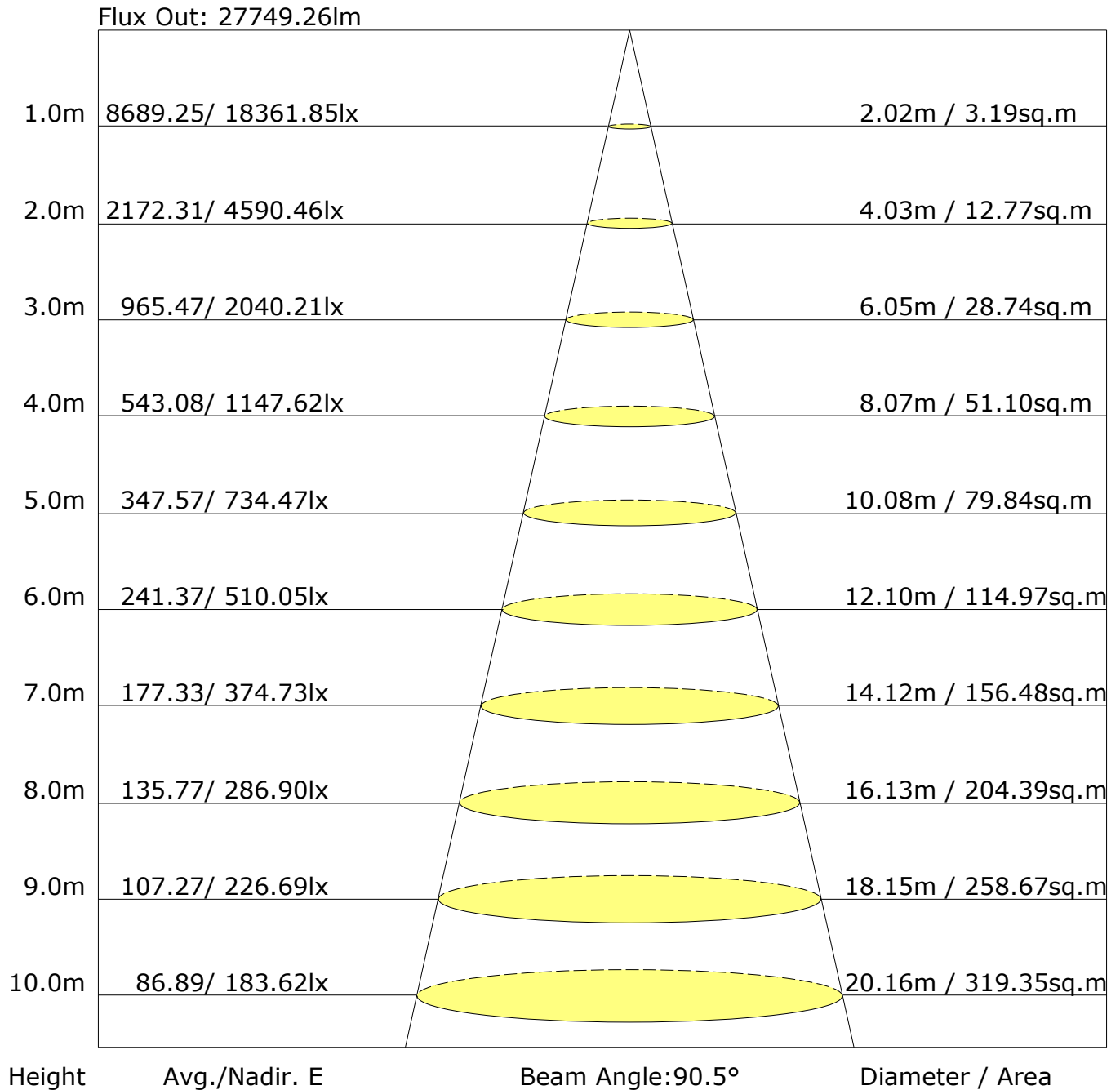
Lowest(m): 1.0m Highest(m): 10.0m Max Lux: 18361.8 lx

(1%): 183.6 lx	(2%): 367.2 lx
(3%): 550.9 lx	(4%): 734.5 lx
(5%): 918.1 lx	(6%): 1101.7 lx
(7%): 1285.3 lx	(8%): 1468.9 lx
(9%): 1652.6 lx	(10%): 1836.2 lx

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

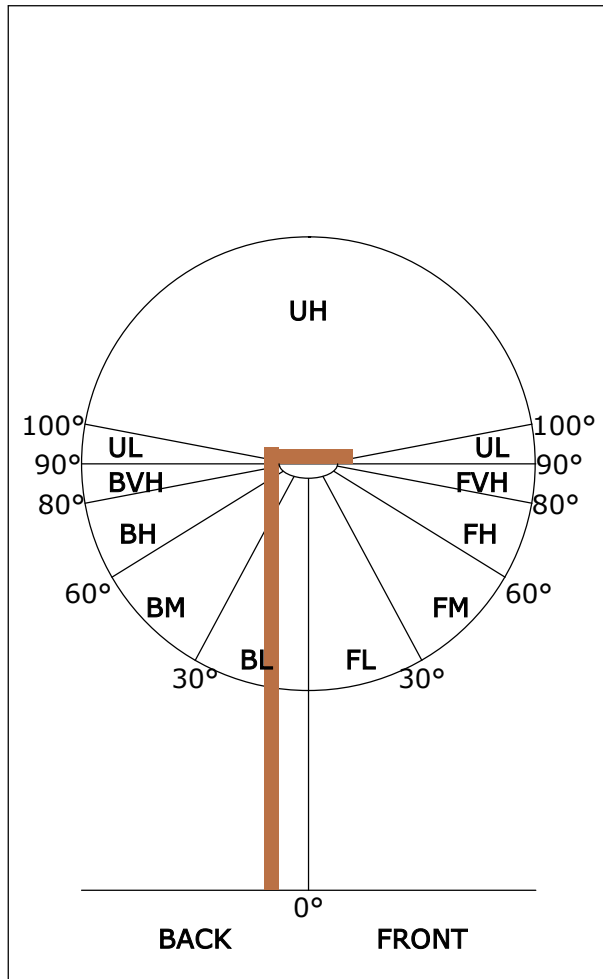
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	18349	50.8
FL (0°-30°)	7298	20.2
FM (30°-60°)	9943	27.5
FH (60°-80°)	1025	2.8
FVH (80°-90°)	83	0.2
BACK LIGHT	17623	48.8
BL (0°-30°)	7194	19.9
BM (30°-60°)	9357	25.9
BH (60°-80°)	975	2.7
BVH (80°-90°)	95	0.3
UP LIGHT	135	0.4
UL (90°-100°)	16	0.0
UH (100°-180°)	120	0.3
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U3 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U3 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.6 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8
G1.0	18374.0	18367.8	18352.8	18351.1	18388.0	18372.6	18343.3	18339.9	18384.9	18367.8
G2.0	18320.8	18313.3	18363.6	18371.7	18394.0	18358.0	18373.9	18377.4	18394.6	18382.3
G3.0	18321.6	18326.5	18310.8	18331.0	18375.6	18389.3	18378.2	18370.0	18365.2	18346.5
G4.0	18296.9	18294.1	18325.5	18343.8	18399.6	18358.4	18357.1	18364.4	18392.9	18376.3
G5.0	18256.2	18266.0	18299.6	18328.0	18362.3	18376.0	18382.9	18376.5	18356.4	18334.2
G6.0	18255.8	18252.8	18267.6	18285.5	18367.0	18367.0	18346.8	18324.3	18344.2	18302.6
G7.0	18187.0	18185.5	18265.0	18287.7	18355.0	18331.4	18349.8	18339.0	18320.3	18293.3
G8.0	18173.1	18177.8	18199.7	18228.1	18305.2	18336.6	18335.2	18304.5	18260.4	18228.1
G9.0	18134.1	18127.1	18190.2	18215.7	18301.4	18277.8	18291.3	18265.3	18261.2	18227.6
G10.0	18071.7	18076.4	18137.4	18176.7	18236.2	18268.0	18288.7	18257.6	18202.5	18175.2
G11.0	18049.9	18050.4	18073.4	18112.4	18207.0	18234.1	18228.5	18178.7	18159.3	18114.8
G12.0	17963.5	17957.1	18036.2	18089.6	18168.4	18174.9	18199.7	18158.4	18119.9	18087.9
G13.0	17911.1	17926.9	17927.2	18012.5	18076.6	18156.5	18150.2	18107.6	18041.5	17999.7
G14.0	17845.2	17847.2	17875.8	17975.2	18044.4	18069.5	18076.2	18044.6	18030.2	17989.9
G15.0	17747.9	17765.8	17797.5	17914.7	17955.2	18023.2	18043.1	18009.3	17951.7	17924.3
G16.0	17693.4	17708.7	17683.3	17823.0	17900.8	17957.2	17949.3	17917.1	17888.8	17840.4
G17.0	17582.7	17587.8	17606.3	17775.4	17835.1	17868.0	17891.2	17874.8	17825.5	17790.1
G18.0	17509.8	17504.7	17486.1	17664.0	17731.3	17818.3	17820.3	17789.5	17719.8	17687.0
G19.0	17420.4	17405.0	17422.5	17587.2	17681.1	17700.8	17706.2	17697.3	17670.8	17628.7
G20.0	17270.7	17292.1	17318.3	17494.6	17565.8	17618.9	17644.3	17621.9	17543.3	17508.5
G21.0	17179.3	17196.7	17187.3	17373.8	17462.0	17515.6	17529.4	17498.6	17450.2	17389.2
G22.0	17027.5	17054.8	17090.8	17303.4	17360.7	17396.0	17444.7	17408.1	17351.7	17307.4
G23.0	16912.2	16937.2	16938.2	17153.0	17218.8	17324.8	17362.5	17286.5	17209.1	17167.7
G24.0	16788.5	16794.1	16816.2	17056.5	17143.7	17185.9	17222.3	17159.0	17127.7	17060.3
G25.0	16593.1	16636.0	16669.6	16937.4	17021.9	17073.2	17132.0	17052.1	16988.9	16898.4
G26.0	16455.1	16503.9	16481.9	16762.9	16903.5	16959.2	16977.1	16893.5	16835.1	16741.7
G27.0	16249.2	16311.4	16337.9	16642.0	16775.2	16792.4	16839.9	16768.5	16710.5	16611.3
G28.0	16089.5	16164.4	16135.1	16466.7	16584.4	16686.9	16701.8	16614.2	16524.3	16418.7
G29.0	15902.4	15988.0	15955.6	16293.5	16466.0	16484.6	16503.9	16414.7	16390.1	16256.8
G30.0	15649.2	15743.0	15764.0	16104.0	16261.0	16323.0	16356.8	16268.6	16194.7	16040.8
G31.0	15427.8	15515.1	15510.6	15853.7	16066.2	16152.4	16148.6	16050.1	16003.5	15819.7
G32.0	15143.9	15247.1	15310.8	15645.3	15864.6	15892.6	15944.7	15854.8	15795.9	15630.2
G33.0	14839.8	14968.5	15033.6	15380.4	15585.4	15681.7	15728.3	15632.0	15538.5	15358.3
G34.0	14521.6	14663.1	14749.0	15102.6	15337.5	15434.3	15474.5	15370.4	15326.7	15117.2
G35.0	14137.0	14290.3	14438.0	14824.0	15042.8	15163.4	15208.6	15136.4	15044.1	14804.5
G36.0	13782.3	13940.5	14069.6	14432.2	14726.7	14846.6	14876.1	14827.8	14740.1	14473.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	13363.0	13506.4	13717.1	14094.0	14336.4	14475.7	14578.0	14531.7	14404.2	14162.9
G38.0	12881.6	13054.0	13286.4	13682.9	13914.3	14120.8	14230.0	14200.3	14017.1	13775.2
G39.0	12379.2	12545.3	12782.1	13236.2	13537.3	13730.7	13783.0	13790.5	13641.0	13380.3
G40.0	11813.1	11951.8	12258.4	12759.9	13020.0	13271.5	13402.3	13397.0	13178.0	12905.7
G41.0	11198.3	11384.8	11692.7	12212.5	12465.4	12786.3	12954.9	12928.1	12685.3	12412.3
G42.0	10627.6	10803.7	11118.8	11664.2	11882.9	12237.1	12400.4	12398.8	12179.2	11911.8
G43.0	9924.0	10121.6	10421.7	11036.2	11119.4	11682.4	11874.3	11874.3	11540.5	11343.0
G44.0	9218.2	9450.2	9808.9	10362.3	10476.9	11040.6	11269.0	11263.6	10952.6	10752.1
G45.0	8440.4	8716.6	9055.5	9632.3	9659.4	10358.6	10651.3	10660.3	10279.2	10100.7
G46.0	7680.5	7954.0	8348.4	8930.1	8793.8	9635.3	9978.0	9953.9	9558.3	9437.4
G47.0	6831.8	7260.4	7695.4	8104.9	7984.0	8810.1	9297.1	9258.3	8742.7	8777.5
G48.0	6061.1	6563.0	7020.7	7386.9	7083.3	8071.0	8548.6	8564.8	7922.9	8061.3
G49.0	5338.1	5895.4	6353.4	6671.0	6318.9	7323.8	7819.8	7832.6	7146.7	7317.0
G50.0	4652.9	5242.7	5753.6	6001.4	5597.9	6588.2	7121.2	7116.8	6365.9	6643.9
G51.0	4083.5	4627.1	5142.9	5379.4	4959.2	5924.6	6468.2	6391.8	5549.9	5976.3
G52.0	3589.1	4127.8	4661.2	4795.6	4417.1	5256.7	5853.0	5715.6	4901.2	5373.9
G53.0	3155.5	3688.1	4226.5	4317.2	3884.3	4773.9	5300.7	5112.3	4296.1	4786.4
G54.0	2767.2	3306.8	3830.0	3880.8	3473.0	4247.1	4782.8	4502.9	3782.4	4217.3
G55.0	2456.9	2965.6	3458.9	3513.8	3111.9	3815.0	4287.2	4018.4	3339.2	3771.6
G56.0	2194.8	2641.0	3148.4	3177.3	2792.3	3449.7	3885.4	3579.3	2923.6	3369.0
G57.0	1962.9	2377.2	2880.3	2860.1	2517.4	3117.0	3521.9	3197.9	2594.0	3029.1
G58.0	1746.9	2144.2	2643.3	2599.9	2244.1	2798.9	3179.0	2869.9	2291.7	2685.3
G59.0	1588.9	1940.1	2405.4	2360.3	2025.8	2543.0	2892.5	2540.2	2034.2	2422.0
G60.0	1445.9	1752.3	2227.2	2152.8	1830.7	2314.1	2648.2	2280.7	1811.1	2180.0
G61.0	1326.8	1580.6	2030.9	1965.0	1653.5	2107.5	2425.8	2036.8	1606.9	1968.7
G62.0	1237.5	1437.8	1877.4	1785.4	1487.9	1904.7	2218.0	1824.8	1453.4	1760.8
G63.0	1146.9	1317.7	1730.8	1632.8	1350.3	1743.5	2041.2	1635.6	1316.7	1588.7
G64.0	1090.3	1206.5	1582.4	1498.6	1232.3	1596.5	1854.9	1457.1	1208.5	1437.0
G65.0	1036.2	1100.0	1463.9	1369.6	1123.3	1463.1	1709.1	1319.7	1114.6	1307.1
G66.0	1001.0	1017.8	1348.0	1257.3	1028.1	1335.4	1571.4	1198.6	1042.5	1186.9
G67.0	968.2	939.0	1245.5	1155.7	944.1	1231.6	1429.5	1086.1	991.3	1089.4
G68.0	944.3	870.8	1140.4	1068.3	860.4	1123.2	1300.0	993.4	946.9	993.1
G69.0	933.9	803.1	1051.8	976.5	791.8	1033.2	1183.0	903.3	920.4	918.1
G70.0	944.3	748.1	975.2	900.6	736.0	951.7	1078.5	828.8	897.4	845.2
G71.0	977.1	701.2	900.0	826.9	679.8	868.1	977.8	768.0	894.4	778.4
G72.0	1045.0	645.4	823.9	761.8	629.7	797.4	893.5	705.9	908.3	718.3
G73.0	1158.2	598.6	756.4	701.7	585.5	730.9	817.3	653.4	945.2	672.3

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	1292.0	545.7	686.8	637.0	545.6	668.3	738.2	597.3	1026.1	612.6
G75.0	1396.8	498.5	617.1	575.3	507.0	606.6	668.5	548.6	1130.9	555.5
G76.0	1394.7	459.3	544.5	523.0	473.1	553.0	600.5	502.5	1219.4	507.0
G77.0	1298.7	403.9	463.2	471.5	445.7	493.0	524.8	456.4	1240.4	467.4
G78.0	1160.7	360.8	396.6	403.4	413.9	437.3	465.5	412.4	1158.2	422.2
G79.0	1002.6	317.4	330.0	345.1	384.3	370.8	391.0	366.3	1041.6	369.8
G80.0	861.7	277.8	281.5	299.2	353.9	310.8	328.2	322.4	923.0	319.1
G81.0	734.7	233.0	239.2	246.9	316.1	261.5	279.6	275.0	777.9	273.5
G82.0	601.7	197.3	196.8	198.9	288.2	220.4	234.9	233.6	656.3	235.6
G83.0	468.8	156.8	152.2	163.3	240.6	180.0	185.4	195.7	538.8	201.1
G84.0	347.2	121.8	119.8	131.6	206.3	136.7	145.8	159.5	435.3	165.3
G85.0	209.7	80.5	87.8	104.2	166.9	106.3	110.1	116.8	319.5	124.4
G86.0	115.3	48.1	58.8	72.0	123.5	81.0	80.4	84.5	195.0	92.0
G87.0	41.1	33.2	42.0	37.7	72.5	46.7	49.0	47.8	109.0	58.8
G88.0	34.4	27.3	31.6	12.4	32.6	30.0	34.8	40.1	48.2	36.2
G89.0	25.6	14.9	22.9	12.9	15.0	19.7	27.1	29.7	38.6	34.1
G90.0	20.5	12.4	24.2	12.4	18.4	12.4	23.2	27.2	25.6	19.2
G91.0	19.7	15.8	25.1	10.7	15.9	11.1	19.4	18.5	27.7	18.7
G92.0	13.8	14.5	17.7	12.9	12.0	10.3	15.9	15.9	15.5	13.6
G93.0	22.2	13.6	21.2	10.3	18.9	12.4	18.5	20.3	18.9	17.5
G94.0	17.2	13.2	16.9	10.7	15.9	9.0	20.2	19.4	18.9	15.3
G95.0	17.6	11.1	16.0	12.4	15.0	8.6	16.3	18.1	17.6	11.5
G96.0	16.4	17.0	15.6	0.0	15.0	11.1	19.8	15.5	15.5	12.8
G97.0	13.0	9.8	15.1	9.9	15.9	10.7	18.9	18.5	21.0	12.4
G98.0	16.4	10.7	12.1	14.1	13.3	8.6	16.8	18.5	19.3	14.1
G99.0	12.2	11.5	13.0	9.0	14.2	12.9	16.3	15.1	15.1	10.7
G100.0	17.2	12.8	16.0	10.3	13.3	12.0	17.6	14.2	18.9	11.5
G101.0	14.7	8.9	17.3	12.4	15.9	12.0	15.1	19.4	15.9	0.0
G102.0	16.4	12.4	14.3	0.0	13.7	11.6	15.9	19.0	18.4	0.0
G103.0	15.5	0.0	19.5	0.0	14.2	8.6	16.8	12.9	15.5	0.0
G104.0	14.7	11.1	14.3	0.0	13.3	0.0	18.9	14.7	16.4	0.0
G105.0	13.8	8.9	13.8	0.0	10.7	11.6	15.5	12.9	18.4	13.2
G106.0	15.9	10.7	16.0	9.9	15.9	10.3	17.2	18.5	15.1	9.8
G107.0	17.6	9.4	13.8	0.0	17.2	9.9	18.5	15.5	12.2	10.2
G108.0	0.0	8.9	16.4	11.6	17.6	0.0	18.5	11.2	14.7	8.5
G109.0	13.0	9.8	11.7	11.1	16.7	11.1	20.2	12.1	15.9	11.1
G110.0	16.8	9.8	12.1	0.0	10.7	9.0	18.9	14.2	13.8	11.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	10.9	8.9	13.0	12.4	10.7	14.1	21.5	16.8	11.7	11.9
G112.0	13.4	8.5	9.9	9.9	9.4	0.0	18.9	13.4	14.7	0.0
G113.0	12.2	8.9	8.6	14.1	13.3	14.1	20.2	18.1	14.3	13.2
G114.0	14.7	0.0	11.2	10.7	15.9	10.3	16.8	15.9	13.8	0.0
G115.0	13.0	11.5	15.1	8.6	14.2	0.0	19.4	17.7	15.9	14.5
G116.0	15.9	12.4	17.7	0.0	14.6	9.4	17.6	17.7	17.2	11.5
G117.0	8.4	12.8	16.0	14.1	13.3	12.4	11.6	15.9	17.6	9.8
G118.0	14.3	11.5	11.7	10.7	12.0	9.4	19.8	20.7	17.2	10.2
G119.0	13.8	13.6	16.0	0.0	18.0	9.4	20.2	15.9	18.0	12.8
G120.0	14.7	14.9	15.1	11.6	17.6	11.1	23.2	18.1	15.9	13.2
G121.0	16.8	15.8	16.9	17.1	12.4	13.3	21.9	17.2	18.9	13.6
G122.0	15.9	0.0	15.1	12.9	21.0	15.0	17.6	18.5	20.5	10.7
G123.0	14.7	17.0	19.0	17.6	15.9	15.0	20.2	14.2	18.4	12.8
G124.0	15.1	14.1	22.9	15.9	12.9	13.3	21.9	19.8	14.7	13.6
G125.0	18.4	15.3	19.9	13.7	16.7	16.7	16.3	26.7	23.5	13.6
G126.0	16.8	14.5	17.3	10.7	20.6	15.0	27.1	22.8	23.5	16.6
G127.0	21.0	20.9	22.9	17.6	18.9	15.0	20.2	19.4	20.1	21.7
G128.0	21.0	20.0	22.9	15.4	25.7	21.4	24.9	20.3	22.2	20.4
G129.0	20.5	21.7	27.2	13.3	26.2	18.9	26.7	19.8	21.4	15.8
G130.0	26.4	21.3	18.2	16.7	21.4	21.4	26.7	25.9	25.6	20.0
G131.0	23.9	24.7	26.0	21.9	25.3	24.0	26.2	23.7	27.7	14.1
G132.0	25.6	19.2	28.5	20.6	22.7	23.1	26.2	27.2	24.3	22.2
G133.0	27.7	24.3	26.4	24.0	24.0	22.3	30.1	25.4	26.4	22.2
G134.0	28.5	21.3	27.7	21.4	21.0	24.0	25.4	26.3	26.8	15.8
G135.0	28.1	25.6	26.4	29.6	23.2	27.0	24.9	25.9	26.4	23.4
G136.0	27.7	24.7	29.8	23.6	26.2	24.9	28.4	30.2	30.6	25.6
G137.0	30.2	28.1	27.7	27.4	31.7	20.6	34.8	27.2	32.3	26.8
G138.0	31.9	23.4	24.2	29.6	35.6	27.4	31.4	29.3	27.7	24.3
G139.0	29.4	31.5	32.0	26.1	33.5	29.2	32.7	32.3	32.7	27.3
G140.0	32.3	28.1	29.0	22.3	32.2	28.3	36.6	35.3	32.3	26.4
G141.0	36.5	35.8	33.3	35.6	32.6	32.2	31.4	36.6	32.7	18.7
G142.0	36.1	34.1	35.0	32.6	35.2	33.0	39.1	35.8	31.9	24.3
G143.0	37.3	26.4	39.8	25.3	34.7	33.4	38.7	37.5	35.2	30.7
G144.0	34.0	32.8	35.9	28.3	40.7	21.9	34.4	34.9	38.6	35.4
G145.0	34.8	37.1	38.5	32.6	37.7	34.3	42.6	33.2	28.9	32.0
G146.0	39.0	37.9	35.0	35.6	40.3	33.4	42.6	42.2	39.0	32.4
G147.0	37.3	33.2	38.9	38.2	36.5	33.4	40.4	27.2	32.3	28.5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	34.8	36.2	34.6	35.6	43.8	31.7	46.9	40.9	34.8	35.8
G149.0	45.3	37.1	39.8	36.0	35.2	38.6	51.6	42.2	39.4	34.5
G150.0	39.4	38.3	41.5	43.3	48.0	41.6	45.2	39.2	43.2	34.9
G151.0	38.6	32.4	42.8	42.9	51.5	34.3	45.6	36.2	46.1	36.6
G152.0	41.9	42.6	32.4	33.9	46.8	40.7	41.3	44.0	44.9	38.3
G153.0	42.4	36.2	45.4	29.6	42.9	44.2	42.6	42.7	45.7	35.8
G154.0	43.2	39.6	40.6	42.4	48.5	45.9	46.9	40.5	47.8	40.5
G155.0	49.1	43.0	26.0	35.1	49.8	42.9	49.9	48.3	45.3	35.4
G156.0	43.2	50.3	39.8	42.4	51.0	39.9	51.6	44.8	33.1	35.8
G157.0	43.2	43.9	41.5	36.0	51.5	47.2	35.7	46.1	38.2	35.4
G158.0	39.0	41.7	35.5	37.3	38.2	37.3	45.2	45.3	32.7	26.0
G159.0	42.4	43.9	43.7	45.4	47.2	40.7	48.6	37.9	47.8	42.2
G160.0	43.2	37.5	42.8	45.0	42.9	44.2	46.5	39.7	39.0	44.7
G161.0	36.9	38.8	37.6	42.9	40.7	41.6	49.5	51.7	43.2	40.5
G162.0	44.9	48.1	35.9	41.2	50.2	43.3	49.0	41.4	49.9	42.2
G163.0	43.6	36.6	35.5	45.0	47.6	39.0	43.9	49.6	41.9	45.6
G164.0	23.5	37.9	34.6	51.9	51.0	45.0	45.2	53.9	52.8	51.5
G165.0	45.7	43.9	39.4	33.9	49.8	47.6	54.2	46.1	42.4	45.6
G166.0	38.2	43.0	41.1	44.2	51.9	49.3	49.0	54.3	51.2	40.5
G167.0	45.7	48.6	45.0	30.9	46.8	51.4	49.9	53.4	44.5	46.4
G168.0	40.3	44.7	42.4	41.6	55.3	41.2	55.9	48.3	46.5	47.7
G169.0	52.4	43.0	40.2	43.7	54.5	45.0	50.3	36.2	49.9	38.8
G170.0	45.3	46.9	40.6	46.3	56.2	44.6	50.3	56.5	46.1	42.6
G171.0	40.7	49.4	41.5	48.9	50.6	42.0	56.8	37.9	53.7	43.5
G172.0	45.3	46.4	41.5	49.7	53.6	50.6	51.2	53.4	42.4	46.4
G173.0	45.7	46.0	38.1	49.7	50.2	50.6	55.1	51.7	46.5	44.7
G174.0	47.8	48.1	36.8	42.4	48.9	53.2	56.4	50.4	54.1	40.9
G175.0	45.7	38.3	35.9	49.3	51.5	43.3	52.5	53.9	48.6	46.9
G176.0	46.1	42.2	34.6	48.9	49.3	45.0	51.6	46.5	49.1	43.9
G177.0	47.8	45.2	38.5	36.4	49.3	42.4	39.6	44.4	39.4	43.0
G178.0	47.8	35.8	32.4	42.9	45.9	41.2	49.0	52.6	50.7	43.9
G179.0	47.4	40.0	33.3	45.0	42.9	47.6	49.9	48.7	45.3	38.8
G180.0	41.5	43.9	35.5	38.6	50.6	41.6	52.5	44.8	44.5	44.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8	18361.8			
G1.0	18376.1	18355.4	18382.4	18321.6	18323.1	18323.9	18374.0			
G2.0	18344.5	18329.7	18347.3	18340.0	18321.0	18305.0	18320.8			
G3.0	18379.1	18355.4	18347.7	18296.3	18298.6	18292.5	18321.6			
G4.0	18345.8	18315.6	18332.7	18283.4	18251.3	18234.3	18296.9			
G5.0	18333.3	18301.8	18284.2	18259.8	18254.3	18242.9	18256.2			
G6.0	18326.0	18283.0	18294.5	18202.0	18192.4	18192.5	18255.8			
G7.0	18268.4	18232.0	18243.9	18201.5	18173.4	18145.9	18187.0			
G8.0	18277.1	18229.4	18219.0	18131.2	18131.3	18120.1	18173.1			
G9.0	18219.6	18174.1	18183.4	18103.8	18068.5	18048.5	18134.1			
G10.0	18177.2	18140.6	18113.5	18059.6	18050.4	18030.9	18071.7			
G11.0	18142.2	18094.3	18090.3	17979.0	17969.1	17957.6	18049.9			
G12.0	18061.7	18009.9	18011.8	17950.3	17921.3	17893.4	17963.5			
G13.0	18048.7	17979.9	17955.7	17859.0	17857.2	17836.5	17911.1			
G14.0	17965.3	17888.2	17875.0	17787.0	17761.3	17736.1	17845.2			
G15.0	17905.6	17813.1	17770.4	17715.8	17712.7	17695.1	17747.9			
G16.0	17849.8	17739.4	17694.9	17587.2	17585.4	17587.4	17693.4			
G17.0	17745.1	17609.5	17566.6	17511.3	17496.8	17484.8	17582.7			
G18.0	17704.5	17538.8	17449.1	17373.3	17391.4	17396.0	17509.8			
G19.0	17599.0	17411.5	17330.7	17260.5	17254.6	17243.0	17420.4			
G20.0	17476.6	17294.9	17158.7	17122.1	17151.8	17165.9	17270.7			
G21.0	17378.4	17175.3	17054.0	16951.9	17011.9	17016.8	17179.3			
G22.0	17214.9	17002.5	16903.9	16835.7	16861.4	16880.6	17027.5			
G23.0	17108.5	16873.5	16761.5	16656.1	16702.6	16747.8	16912.2			
G24.0	16952.9	16699.0	16610.1	16493.6	16512.9	16560.4	16788.5			
G25.0	16798.9	16545.6	16413.2	16330.3	16373.5	16412.5	16593.1			
G26.0	16645.8	16397.7	16243.4	16117.2	16147.3	16217.3	16455.1			
G27.0	16453.8	16195.3	16032.8	15953.4	15964.0	16020.8	16249.2			
G28.0	16300.7	16018.7	15846.6	15731.8	15771.7	15827.3	16089.5			
G29.0	16078.0	15796.2	15654.0	15515.8	15531.3	15579.0	15902.4			
G30.0	15859.6	15587.0	15419.0	15300.5	15321.8	15339.0	15649.2			
G31.0	15661.9	15379.1	15225.1	15042.0	15046.4	15065.7	15427.8			
G32.0	15384.3	15125.4	14947.6	14801.5	14767.3	14783.0	15143.9			
G33.0	15155.5	14889.6	14686.4	14513.9	14476.9	14486.5	14839.8			
G34.0	14874.4	14613.5	14415.7	14236.5	14151.2	14130.9	14521.6			
G35.0	14574.7	14326.7	14091.5	13934.3	13841.9	13808.6	14137.0			
G36.0	14292.3	14019.4	13788.2	13556.2	13455.2	13369.0	13782.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	13891.8	13650.7	13364.4	13175.5	13029.3	12944.0	13363.0			
G38.0	13547.2	13270.9	12945.4	12753.7	12611.2	12506.1	12881.6			
G39.0	13148.4	12828.1	12467.6	12306.1	12127.7	12000.2	12379.2			
G40.0	12698.2	12362.5	11886.8	11819.1	11648.9	11500.2	11813.1			
G41.0	12240.2	11845.6	11301.3	11252.8	11087.9	10892.1	11198.3			
G42.0	11653.4	11248.8	10570.9	10696.4	10472.3	10281.9	10627.6			
G43.0	11126.6	10608.0	9869.6	9993.3	9864.5	9683.7	9924.0			
G44.0	10563.5	9940.5	9155.0	9349.4	9235.6	9037.6	9218.2			
G45.0	9858.6	9239.2	8322.4	8598.8	8609.2	8328.2	8440.4			
G46.0	9222.9	8522.1	7577.4	7892.3	7925.2	7652.9	7680.5			
G47.0	8547.4	7789.9	6816.0	7215.4	7204.7	6985.7	6831.8			
G48.0	7866.2	7081.7	6074.4	6518.3	6564.1	6323.3	6061.1			
G49.0	7207.1	6323.8	5400.2	5886.0	5952.0	5689.4	5338.1			
G50.0	6490.1	5688.1	4716.5	5248.1	5400.1	5063.6	4652.9			
G51.0	5875.5	5101.7	4175.6	4697.2	4820.2	4522.7	4083.5			
G52.0	5293.0	4554.7	3691.8	4220.9	4352.1	4037.8	3589.1			
G53.0	4757.2	4036.0	3274.8	3782.4	3929.7	3612.0	3155.5			
G54.0	4271.1	3609.4	2912.8	3394.0	3548.6	3222.4	2767.2			
G55.0	3797.5	3242.5	2570.1	3063.5	3222.1	2874.2	2456.9			
G56.0	3428.6	2930.0	2313.2	2744.1	2903.3	2588.0	2194.8			
G57.0	3091.3	2613.2	2070.8	2492.4	2652.5	2332.9	1962.9			
G58.0	2803.3	2368.4	1868.4	2262.6	2428.4	2111.8	1746.9			
G59.0	2550.7	2153.7	1693.0	2065.5	2229.6	1895.4	1588.9			
G60.0	2324.5	1954.8	1531.3	1885.4	2052.0	1726.9	1445.9			
G61.0	2108.3	1785.4	1383.3	1710.1	1877.3	1573.1	1326.8			
G62.0	1931.8	1620.8	1268.3	1580.2	1741.4	1435.2	1237.5			
G63.0	1781.8	1490.5	1153.4	1437.0	1615.8	1313.6	1146.9			
G64.0	1638.2	1359.3	1069.7	1337.5	1483.7	1205.0	1090.3			
G65.0	1499.8	1256.0	987.0	1225.6	1389.1	1118.4	1036.2			
G66.0	1387.8	1156.6	925.6	1137.3	1289.3	1030.0	1001.0			
G67.0	1281.0	1061.4	864.3	1052.0	1198.5	957.6	968.2			
G68.0	1170.3	988.5	806.4	980.9	1113.3	882.6	944.3			
G69.0	1076.4	916.5	764.3	908.0	1029.4	825.3	933.9			
G70.0	989.9	852.6	715.9	843.7	957.6	767.6	944.3			
G71.0	914.2	787.5	681.6	785.4	884.5	712.0	977.1			
G72.0	831.2	730.9	645.5	726.2	824.2	654.2	1045.0			
G73.0	766.8	676.9	613.4	671.3	758.8	603.4	1158.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	706.7	629.3	576.9	621.2	702.1	548.2	1292.0			
G75.0	652.6	574.0	546.0	575.7	632.8	492.6	1396.8			
G76.0	590.8	529.0	517.7	531.6	570.0	455.1	1394.7			
G77.0	526.8	494.7	496.3	493.0	506.8	411.2	1298.7			
G78.0	471.0	453.5	467.1	440.3	418.6	359.9	1160.7			
G79.0	407.0	401.2	439.2	377.7	352.7	316.3	1002.6			
G80.0	346.0	348.1	409.2	324.9	302.0	274.5	861.7			
G81.0	290.6	299.2	382.6	279.5	256.4	235.3	734.7			
G82.0	244.3	262.8	354.3	238.4	212.1	197.4	601.7			
G83.0	202.8	228.9	320.0	207.5	181.1	160.3	468.8			
G84.0	169.1	190.3	284.4	175.8	149.3	128.0	347.2			
G85.0	133.2	160.8	251.3	147.0	109.3	92.7	209.7			
G86.0	105.1	128.2	202.9	109.3	78.7	59.9	115.3			
G87.0	74.4	93.0	166.9	84.9	51.2	41.8	41.1			
G88.0	48.0	62.2	111.1	57.0	40.9	27.6	34.4			
G89.0	30.7	38.2	54.0	27.4	28.4	25.4	25.6			
G90.0	23.8	13.7	26.2	13.3	17.2	16.4	20.5			
G91.0	16.9	14.1	19.7	12.4	19.4	20.3	19.7			
G92.0	18.6	10.7	16.7	0.0	14.6	16.8	13.8			
G93.0	18.2	10.3	15.4	12.0	21.5	14.2	22.2			
G94.0	11.2	13.7	19.7	9.4	20.2	14.7	17.2			
G95.0	12.5	9.0	11.2	0.0	18.1	12.1	17.6			
G96.0	12.5	9.4	11.6	0.0	18.9	19.0	16.4			
G97.0	12.1	11.1	18.0	0.0	15.9	11.6	13.0			
G98.0	10.8	9.4	14.2	0.0	19.4	10.3	16.4			
G99.0	9.9	12.0	15.9	8.6	12.9	9.1	12.2			
G100.0	14.3	0.0	15.9	9.0	17.2	9.9	17.2			
G101.0	13.4	0.0	13.7	12.0	18.1	12.9	14.7			
G102.0	15.1	9.9	12.9	12.9	17.2	8.6	16.4			
G103.0	0.0	9.4	13.3	0.0	18.5	12.5	15.5			
G104.0	12.1	0.0	9.9	0.0	15.5	0.0	14.7			
G105.0	12.1	12.9	17.2	9.9	17.6	13.4	13.8			
G106.0	13.4	0.0	17.2	16.3	12.9	12.9	15.9			
G107.0	13.4	14.6	14.2	12.0	14.6	12.5	17.6			
G108.0	11.7	9.0	12.0	10.3	15.1	12.1	0.0			
G109.0	12.5	0.0	9.9	10.3	13.8	12.1	13.0			
G110.0	12.5	10.3	17.6	13.7	15.5	16.4	16.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	11.7	8.6	17.2	9.9	16.3	14.2	10.9			
G112.0	13.8	10.7	16.7	12.9	18.1	12.5	13.4			
G113.0	13.0	8.6	15.4	9.4	16.8	10.3	12.2			
G114.0	16.0	12.9	16.3	9.4	16.3	9.5	14.7			
G115.0	15.1	11.6	19.7	0.0	21.5	15.1	13.0			
G116.0	10.8	12.9	16.7	10.3	15.9	15.1	15.9			
G117.0	10.8	12.4	16.7	9.9	18.1	10.8	8.4			
G118.0	17.7	9.9	16.7	12.9	15.1	16.8	14.3			
G119.0	11.2	10.7	17.2	12.9	17.2	15.1	13.8			
G120.0	16.9	0.0	17.2	12.9	24.9	19.0	14.7			
G121.0	15.1	8.6	11.6	11.6	22.4	19.0	16.8			
G122.0	13.0	14.1	15.0	10.3	21.1	20.3	15.9			
G123.0	16.0	15.9	16.7	15.9	19.4	17.2	14.7			
G124.0	17.3	9.4	22.3	14.1	23.2	19.0	15.1			
G125.0	17.7	18.4	19.3	16.3	21.1	20.7	18.4			
G126.0	16.9	15.4	23.2	13.3	19.8	15.9	16.8			
G127.0	15.1	16.7	24.4	16.7	21.9	15.5	21.0			
G128.0	9.1	12.9	21.4	15.0	24.5	24.1	21.0			
G129.0	16.4	18.4	21.4	21.4	19.4	24.6	20.5			
G130.0	17.3	18.0	23.2	19.3	25.4	21.1	26.4			
G131.0	13.4	20.6	21.0	19.7	28.4	24.1	23.9			
G132.0	22.1	18.9	26.6	18.4	24.9	24.1	25.6			
G133.0	16.0	18.9	25.3	23.6	31.4	24.6	27.7			
G134.0	23.8	23.6	29.6	18.0	29.3	27.6	28.5			
G135.0	21.6	21.9	30.0	20.2	33.1	28.0	28.1			
G136.0	20.3	26.1	30.0	24.9	32.3	26.7	27.7			
G137.0	18.2	27.0	34.3	30.0	29.3	30.2	30.2			
G138.0	22.9	27.0	28.7	26.1	34.8	32.8	31.9			
G139.0	22.9	23.1	32.2	30.9	31.8	20.7	29.4			
G140.0	19.9	28.7	34.7	33.0	30.5	28.0	32.3			
G141.0	26.4	27.4	37.3	17.1	36.6	33.6	36.5			
G142.0	23.4	30.9	34.3	30.0	35.3	30.6	36.1			
G143.0	24.2	24.4	40.3	33.0	36.6	33.6	37.3			
G144.0	26.4	32.2	36.5	28.7	36.1	37.1	34.0			
G145.0	29.8	33.9	42.5	32.6	36.6	32.3	34.8			
G146.0	28.1	34.3	34.7	38.6	39.6	41.8	39.0			
G147.0	29.0	29.2	39.5	36.9	45.6	40.5	37.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	29.8	35.6	40.7	36.0	40.9	40.9	34.8			
G149.0	27.2	37.3	41.2	36.0	46.0	35.8	45.3			
G150.0	27.7	41.2	43.3	37.7	47.3	44.4	39.4			
G151.0	27.2	33.9	42.9	37.7	46.9	37.9	38.6			
G152.0	30.7	34.7	45.5	30.4	38.3	42.2	41.9			
G153.0	31.1	39.4	45.9	40.7	45.2	43.5	42.4			
G154.0	33.7	40.3	42.9	32.6	41.7	42.2	43.2			
G155.0	32.4	41.6	32.6	38.6	44.7	44.0	49.1			
G156.0	28.5	42.9	37.3	42.0	43.0	40.1	43.2			
G157.0	29.8	43.3	42.9	37.7	48.6	42.7	43.2			
G158.0	34.2	36.4	43.8	46.7	55.1	45.7	39.0			
G159.0	35.9	41.6	42.9	42.4	41.3	37.5	42.4			
G160.0	27.7	45.9	41.2	35.6	33.6	47.4	43.2			
G161.0	34.6	46.7	50.2	42.9	54.2	41.4	36.9			
G162.0	31.1	44.6	52.3	54.9	40.9	46.5	44.9			
G163.0	41.5	45.9	50.6	45.4	55.9	54.7	43.6			
G164.0	41.5	48.9	53.6	52.7	55.1	56.0	23.5			
G165.0	39.4	45.0	50.2	33.4	52.1	50.4	45.7			
G166.0	32.0	47.6	39.5	48.0	49.9	45.3	38.2			
G167.0	37.6	47.2	52.8	51.4	60.2	59.0	45.7			
G168.0	42.0	38.6	51.9	48.4	55.1	42.7	40.3			
G169.0	40.6	44.6	52.8	45.0	55.9	47.0	52.4			
G170.0	36.3	44.6	53.6	49.3	42.6	51.3	45.3			
G171.0	36.3	48.9	45.5	34.7	42.2	50.0	40.7			
G172.0	26.4	45.4	45.9	46.7	53.8	51.7	45.3			
G173.0	36.3	48.0	46.8	46.3	54.6	44.4	45.7			
G174.0	34.6	45.0	50.6	46.7	52.5	41.8	47.8			
G175.0	38.1	36.0	44.6	46.7	49.5	52.1	45.7			
G176.0	40.2	47.2	43.8	46.7	47.3	49.6	46.1			
G177.0	38.9	45.0	49.8	48.0	49.0	49.1	47.8			
G178.0	29.4	43.7	46.8	40.7	46.9	49.6	47.8			
G179.0	32.9	30.0	51.0	32.2	21.9	42.2	47.4			
G180.0	37.2	42.0	43.3	37.7	41.3	49.1	41.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.6 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	17506.55
L 0-180(75) av	33596.53
L 0-180(85) av	20887.13
L 90-270(65) av	17177.21
L 90-270(75) av	13995.49
L 90-270(85) av	16506.12
L 45(65) av	24670.88
L 45(75) av	17085.88
L 45(85) av	8690.84

Standard: GB/T 29293-2012