

Report No.:

Test Time: 2022-5-18 23:30

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.452 A

Power Factor: 0.970

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 121.57 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 15893.7 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 6114.54 cd

Pos of Max. Intensity: H135 V4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 111.9, 104.5, 113.0, 112.8

Longitudinal Classification: Very Short

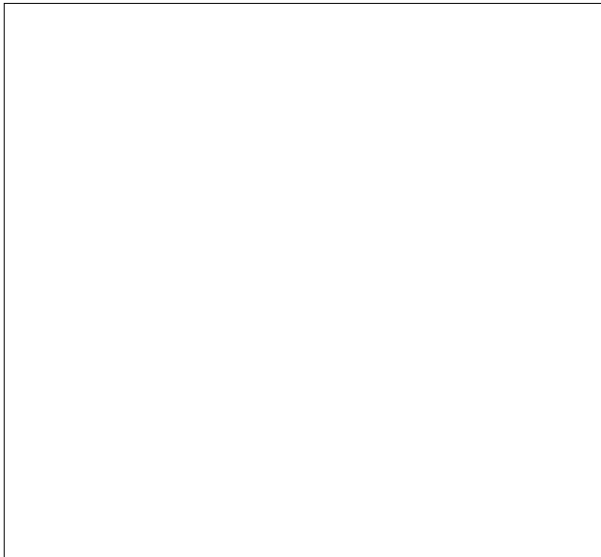
Measurement Flux: 15893.7 lm

Downward Ratio: 100%

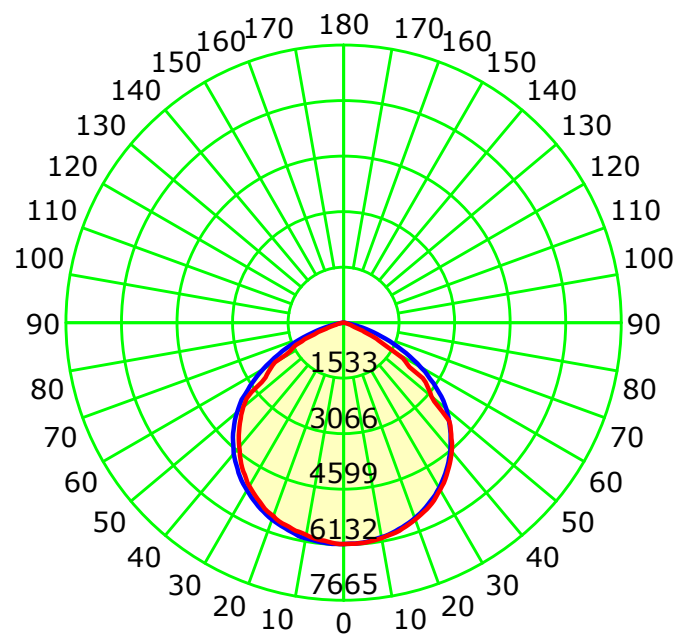
Luminaire Efficacy Rating (LER): 130.79

Max. Intensity: 6132.78 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 108.2°

— 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

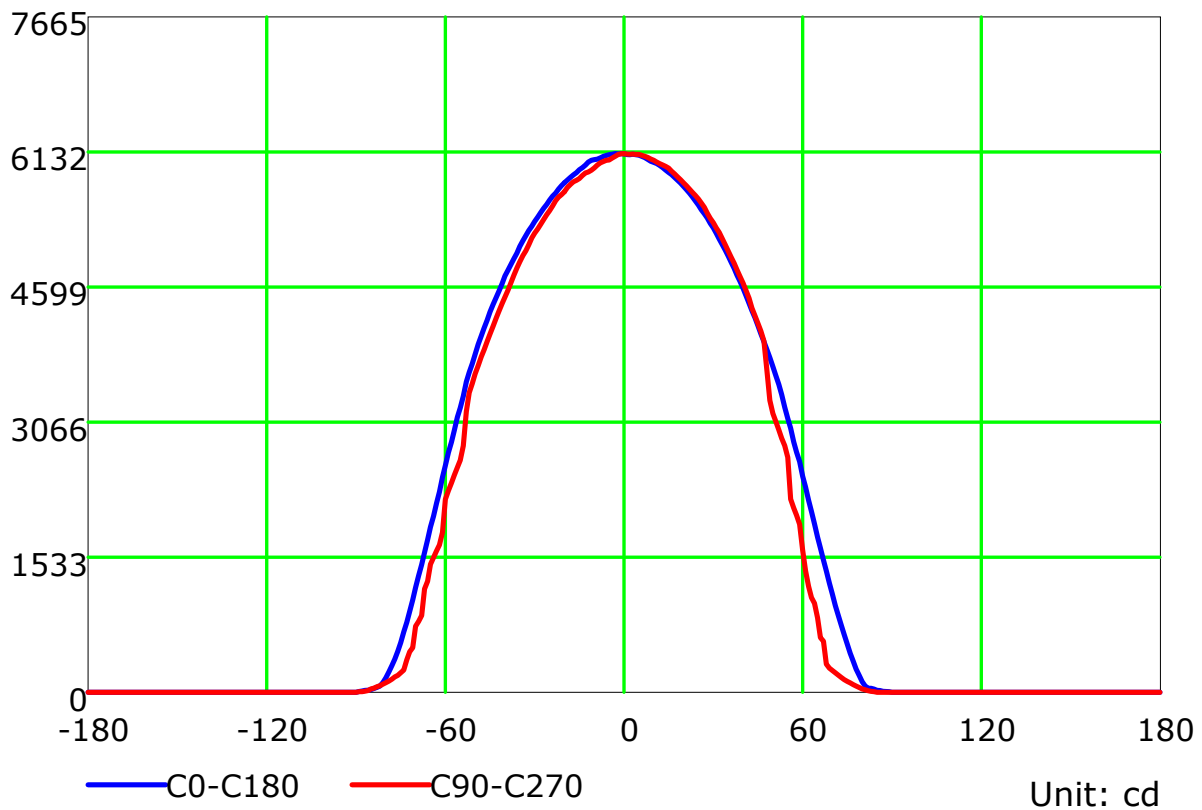
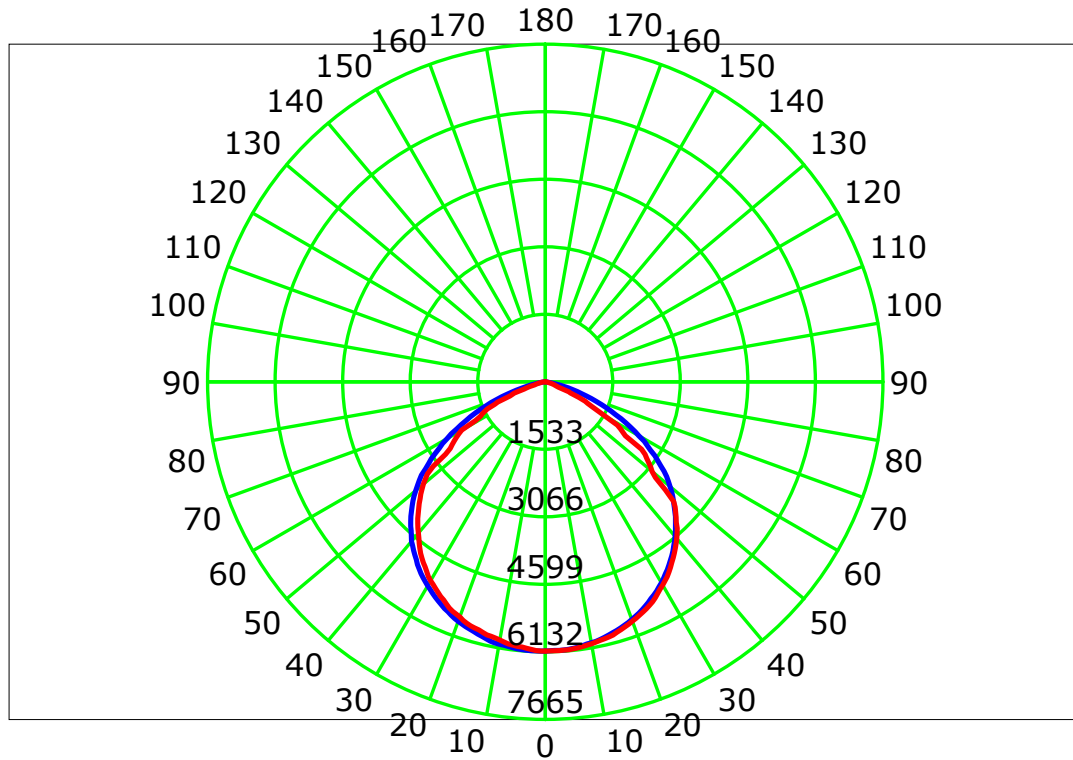
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

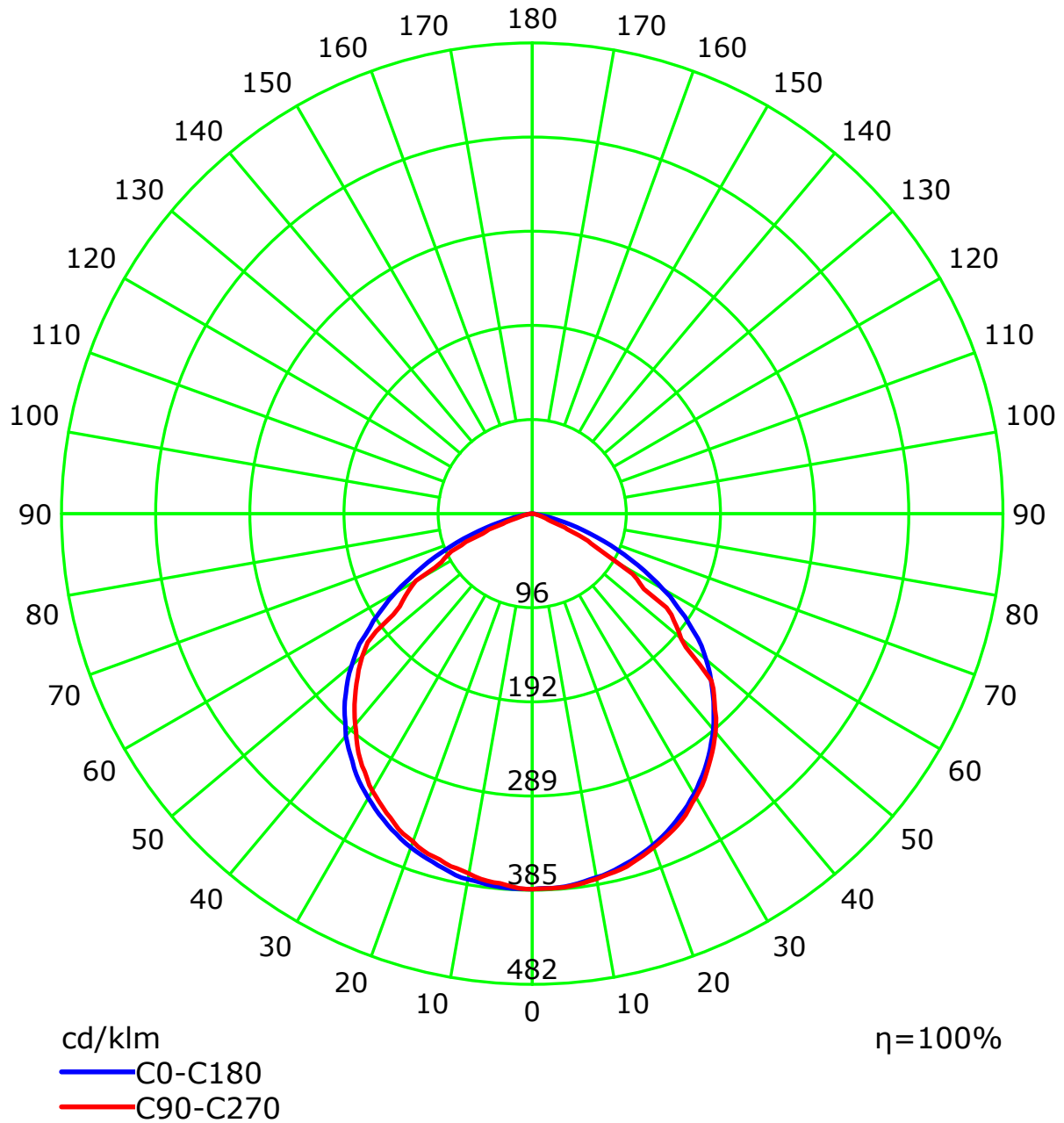
Luminous Intensity Distribution Curve



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: 14.140 m [K=1.0000]
Humidity:
Inspector:

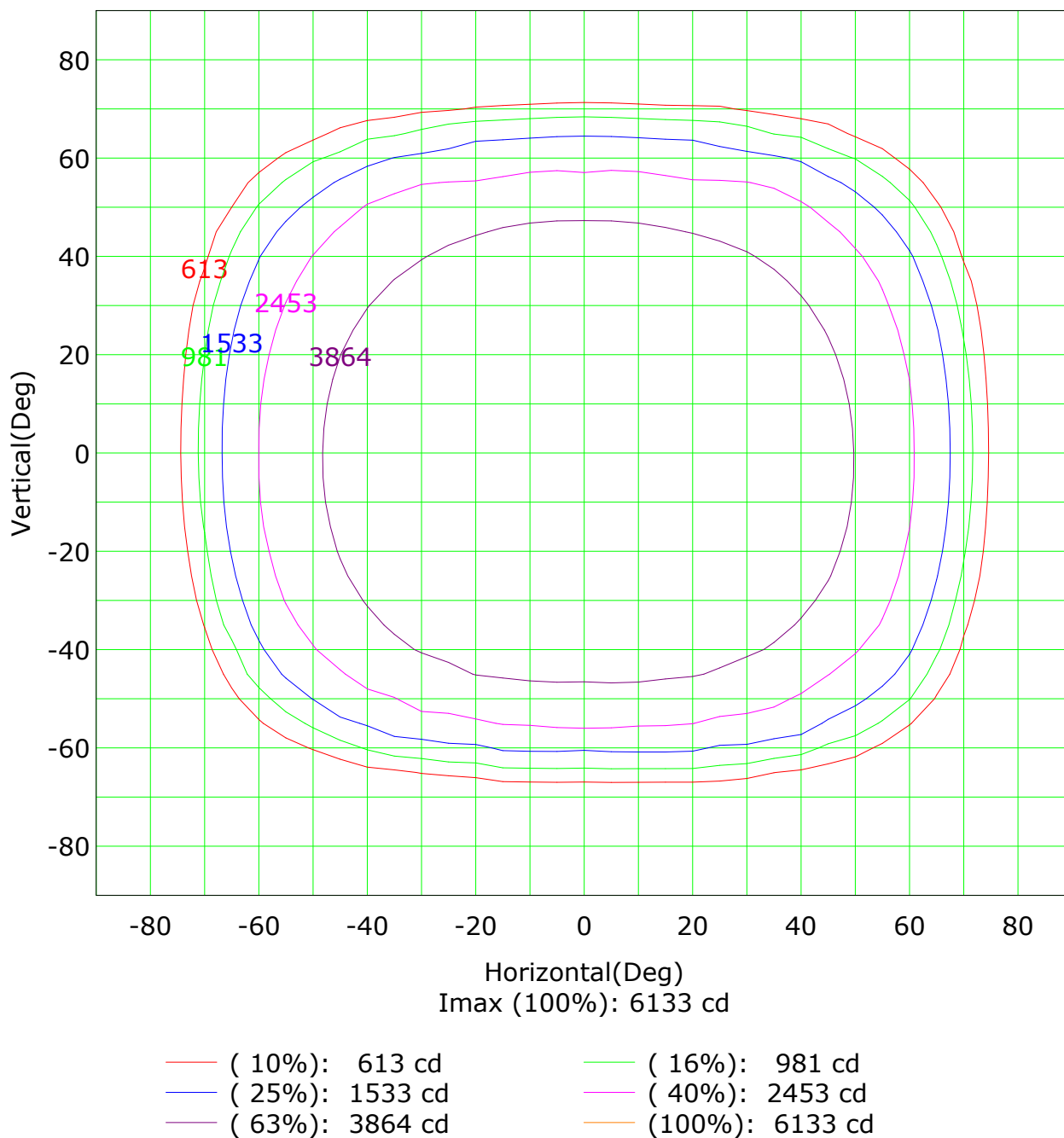
Luminous Intensity Distribution Curve(cd/klm)



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: 14.140 m [K=1.0000]
Humidity:
Inspector:

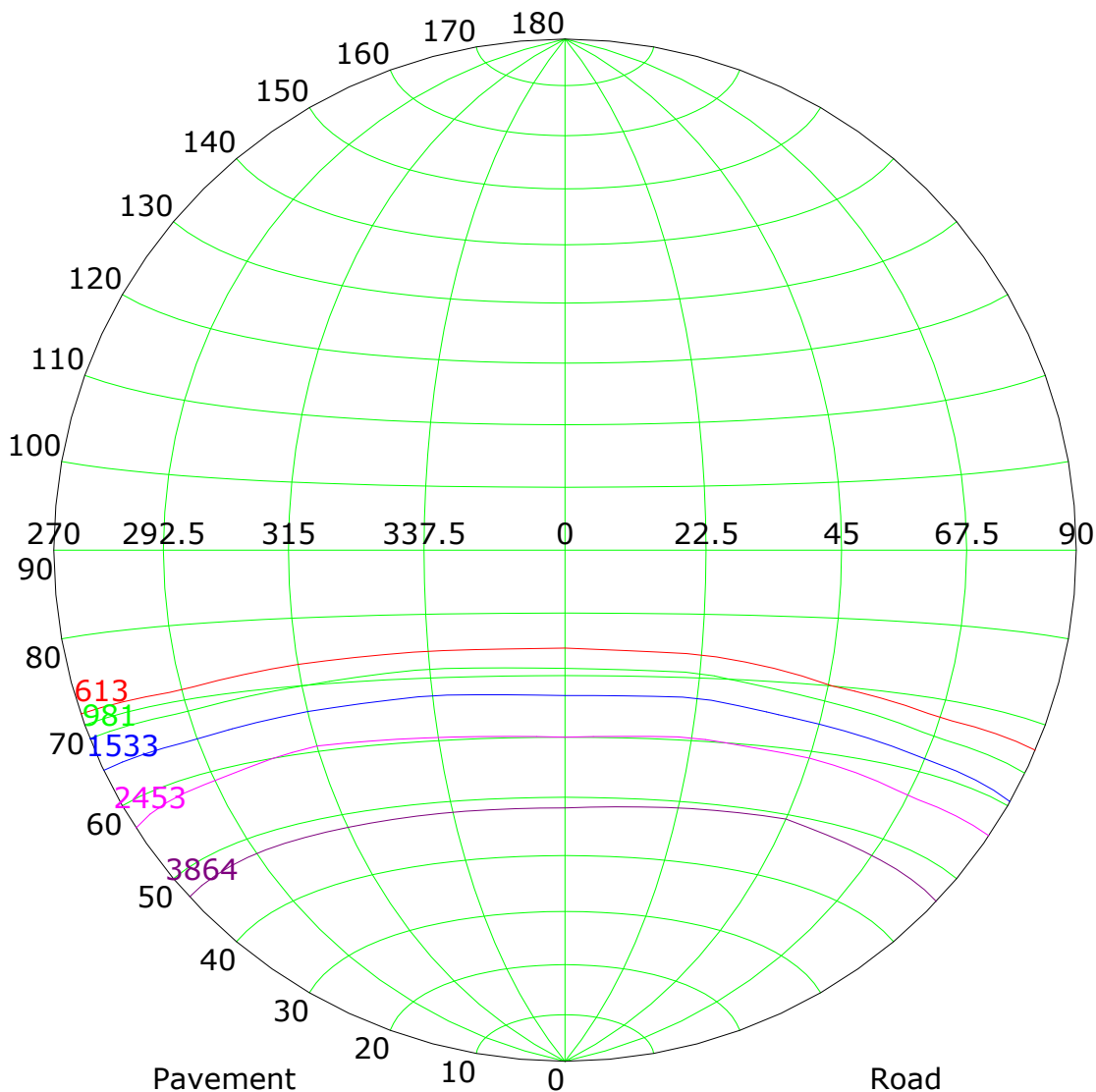
Isocandela (rectangle)



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: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 6133 cd

(10%): 613 cd
(25%): 1533 cd
(63%): 3864 cd

(16%): 981 cd
(40%): 2453 cd
(100%): 6133 cd

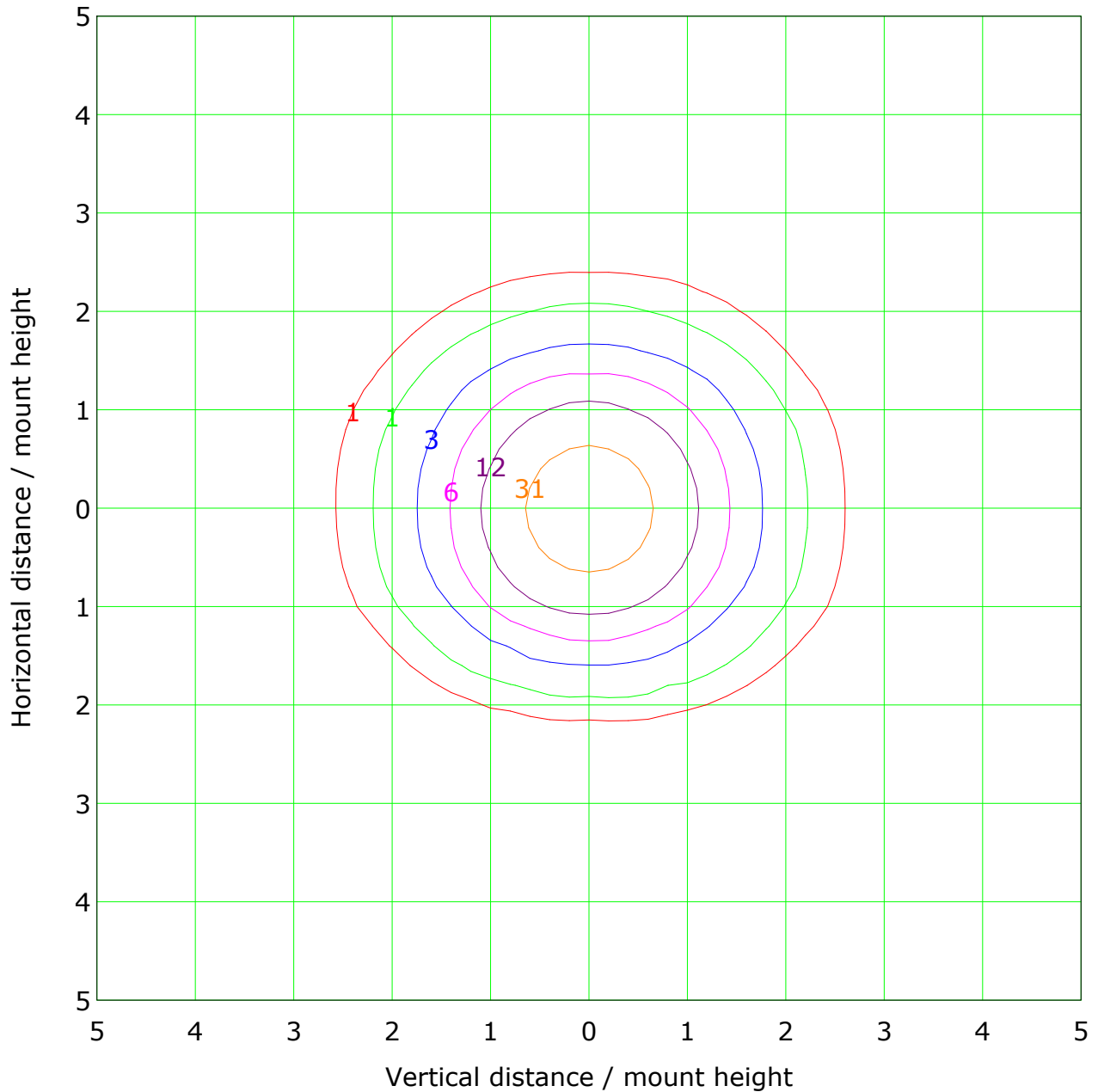
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 10.348 cd/klm
Max.80-90: 10.348 cd/klm

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: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



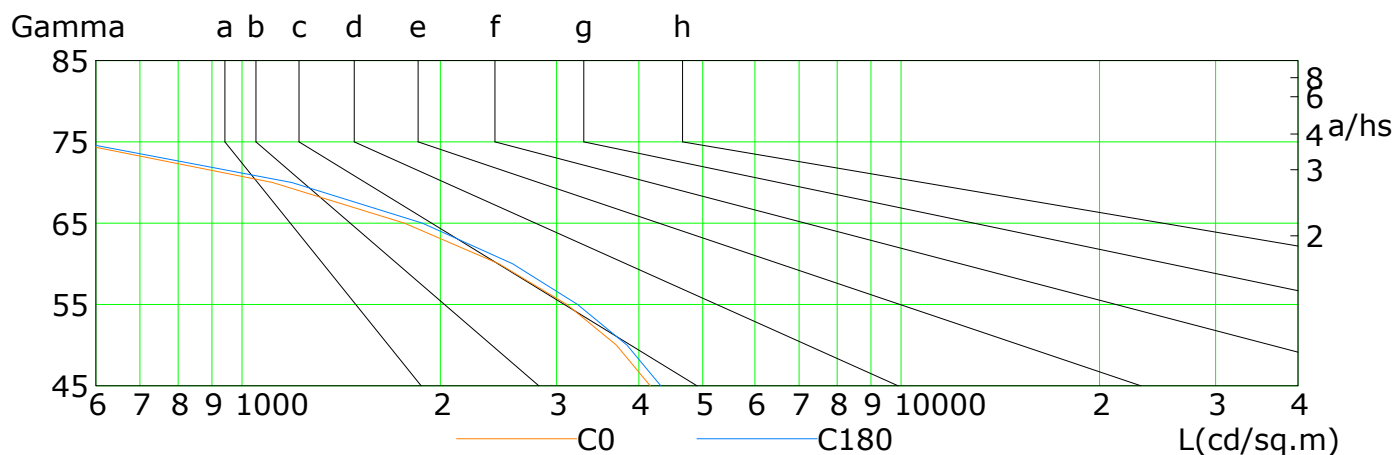
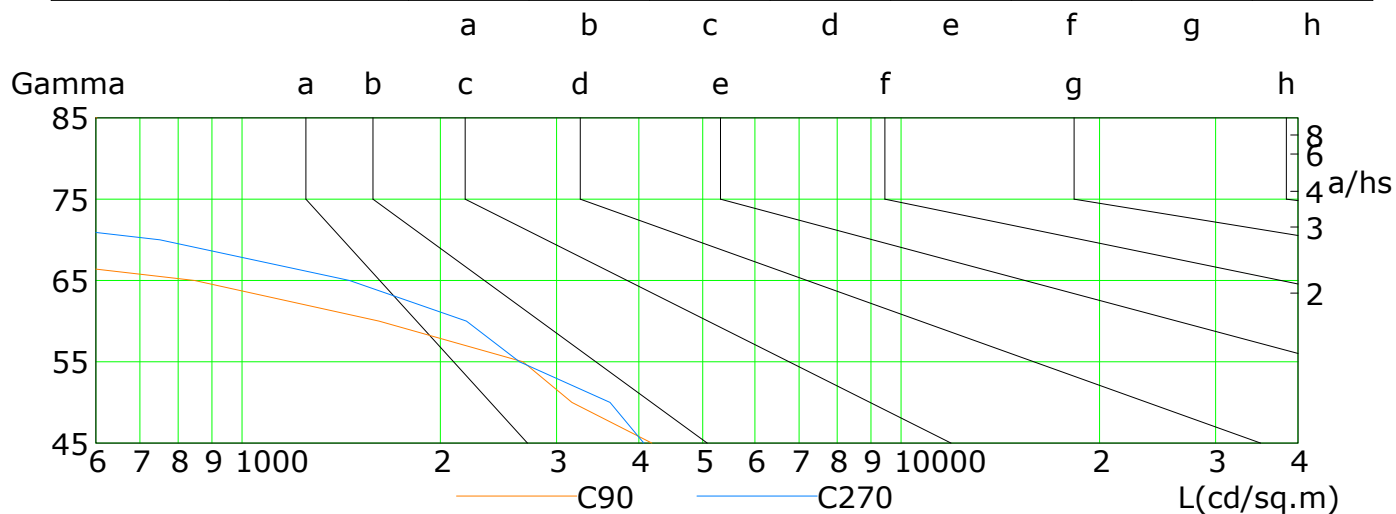
Mounting Height: 10.0m		Max Lux(100%): 61.2 lx	
— (1%):	0.6 lx	— (2%):	1.2 lx
— (5%):	3.1 lx	— (10%):	6.1 lx
— (20%):	12.2 lx	— (50%):	30.6 lx
— (100%):	61.2 lx		

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: 14.140 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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4161	3698	3109	2453	1764	1113	546	121	24
C90	4186	3166	2668	1614	847	247	125	40	0
C180	4319	3837	3229	2574	1878	1190	563	164	32
C270	4069	3617	2636	2191	1455	750	223	110	39

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

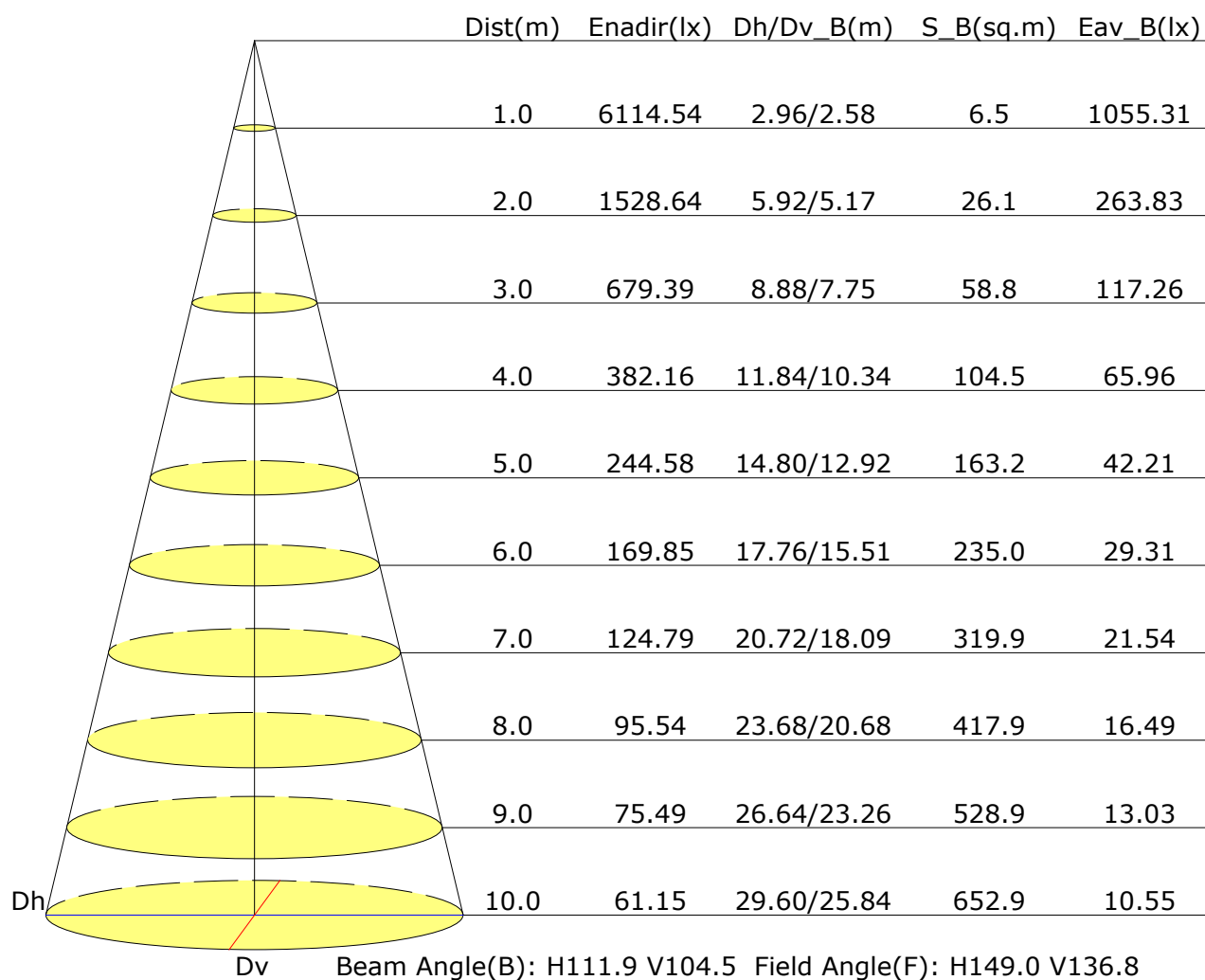
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

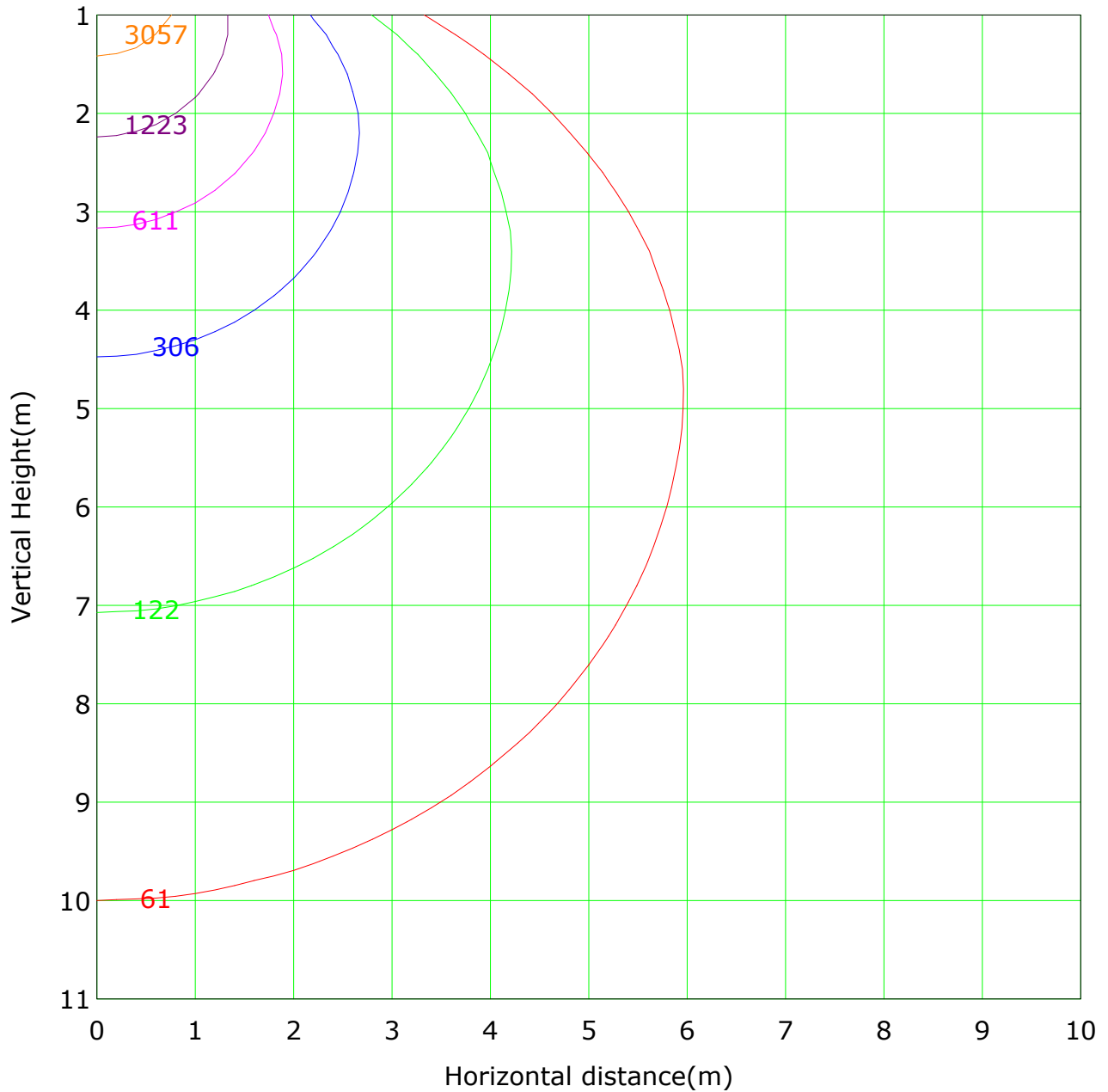
Illuminance at a Distance



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: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 6114.5 lx

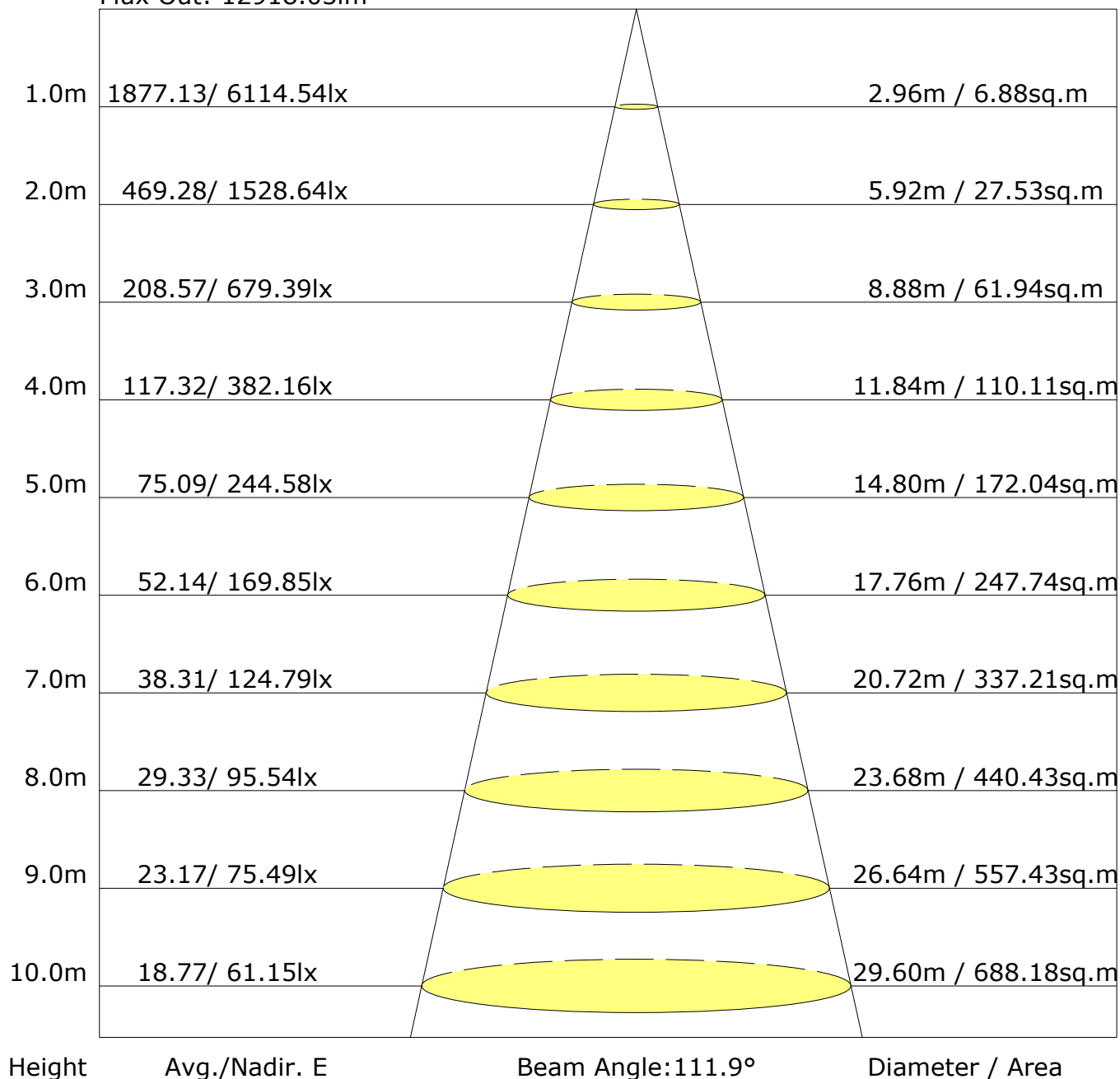
— (1%): 61.1 lx	— (2%): 122.3 lx
— (5%): 305.7 lx	— (10%): 611.5 lx
— (20%):1222.9 lx	— (50%):3057.3 lx
— (100%):6114.5 lx	

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: 14.140 m [K=1.0000]
Humidity:
Inspector:

The Average Illuminance Effective Figure

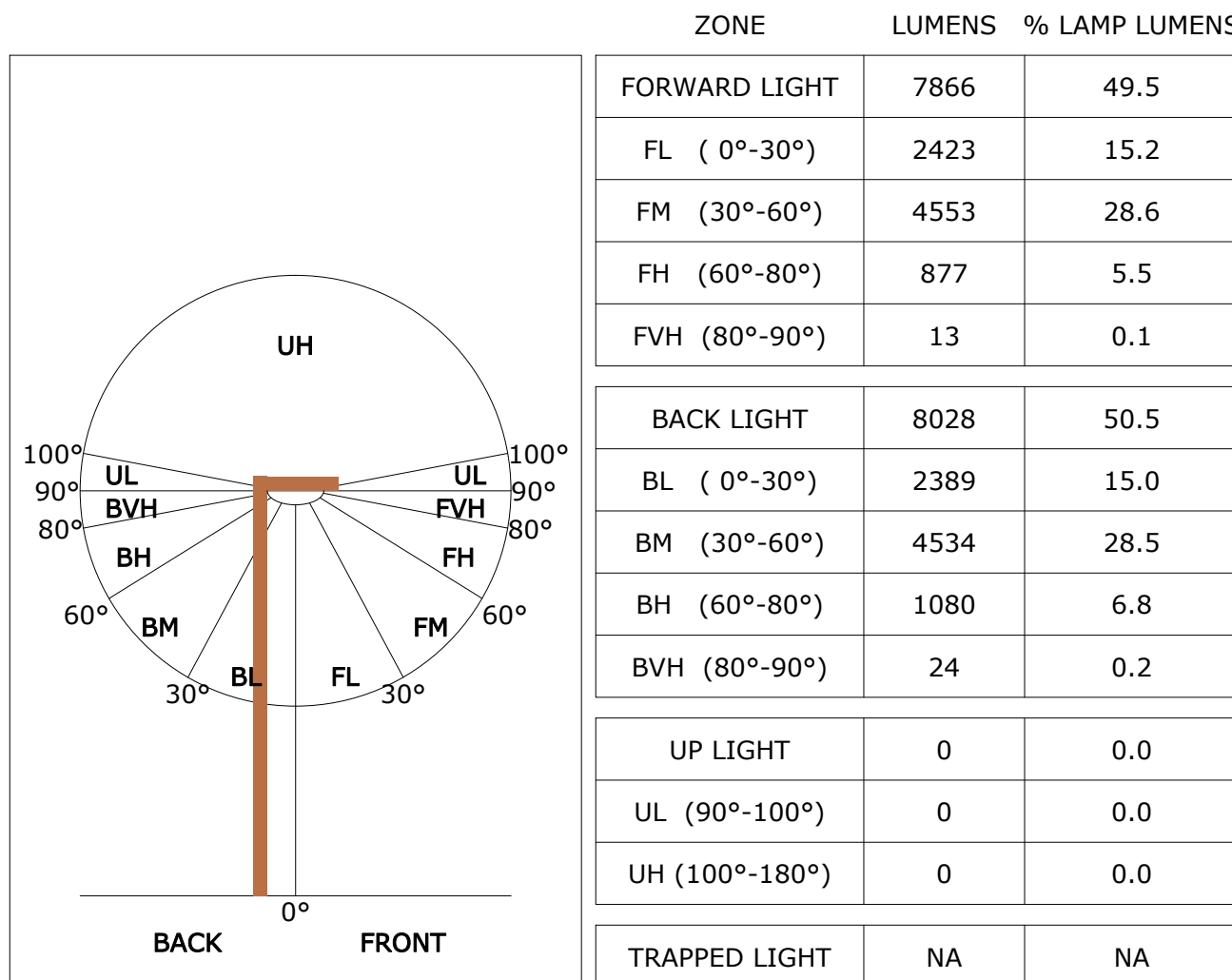
Flux Out: 12918.03lm



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: 14.140 m [K=1.0000]
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U1 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U1 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: 14.140 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	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5
G1.0	6105.4	6116.4	6116.9	6117.4	6109.9	6113.6	6116.9	6113.4	6113.6	6118.0
G2.0	6102.9	6113.3	6116.6	6120.7	6108.1	6115.1	6122.6	6114.0	6111.8	6116.2
G3.0	6108.0	6108.3	6118.2	6125.0	6110.6	6116.9	6128.9	6113.1	6114.9	6115.6
G4.0	6103.4	6101.2	6116.9	6122.5	6107.0	6114.0	6132.8	6113.4	6109.1	6107.6
G5.0	6097.8	6094.6	6115.5	6123.9	6106.0	6112.2	6131.9	6113.3	6102.5	6098.7
G6.0	6085.4	6083.5	6114.2	6105.3	6096.0	6108.2	6128.9	6106.7	6093.9	6091.7
G7.0	6070.0	6066.7	6094.4	6099.4	6084.9	6101.8	6122.7	6111.3	6083.2	6083.5
G8.0	6050.4	6049.4	6089.0	6083.3	6071.1	6089.3	6116.2	6092.1	6066.6	6069.1
G9.0	6028.7	6030.6	6065.8	6068.5	6054.0	6073.5	6106.3	6083.2	6052.7	6050.3
G10.0	6015.0	6022.9	6048.4	6056.0	6039.7	6064.7	6093.9	6066.8	6047.1	6035.9
G11.0	6003.7	6005.6	6032.5	6038.1	6019.0	6051.7	6075.9	6049.6	6039.6	6027.5
G12.0	5980.9	5984.0	6010.8	6032.0	6000.6	6017.1	6053.8	6031.0	6019.4	6001.5
G13.0	5958.1	5964.5	5997.8	6005.8	5987.0	5998.0	6030.1	6011.9	5985.6	5972.2
G14.0	5928.9	5934.4	5974.0	5986.3	5970.2	5975.4	6017.0	5993.4	5955.5	5947.1
G15.0	5900.8	5907.0	5945.2	5959.6	5950.9	5952.7	5995.4	5972.8	5931.5	5928.3
G16.0	5877.1	5874.9	5928.0	5940.8	5915.0	5926.6	5968.4	5950.4	5898.8	5905.2
G17.0	5844.3	5850.8	5896.9	5909.5	5884.1	5897.0	5941.1	5923.2	5873.3	5865.9
G18.0	5813.1	5820.5	5865.1	5881.3	5851.8	5864.6	5915.7	5887.9	5846.1	5843.1
G19.0	5781.0	5789.8	5831.9	5839.8	5818.7	5832.6	5886.3	5855.8	5816.2	5808.2
G20.0	5743.1	5748.5	5803.6	5809.6	5783.9	5802.0	5854.4	5823.5	5785.4	5778.5
G21.0	5706.6	5698.1	5770.7	5770.8	5749.6	5765.6	5821.2	5791.0	5752.0	5735.7
G22.0	5667.4	5665.5	5723.4	5733.8	5712.6	5732.1	5782.2	5756.9	5713.0	5708.9
G23.0	5625.1	5624.8	5686.6	5701.4	5675.8	5693.4	5742.8	5722.5	5667.2	5664.9
G24.0	5577.2	5583.0	5646.1	5654.8	5639.9	5660.1	5697.7	5682.5	5631.7	5625.9
G25.0	5530.5	5538.2	5601.5	5618.9	5599.5	5619.0	5657.2	5645.3	5587.4	5587.2
G26.0	5477.0	5492.8	5555.1	5576.3	5554.5	5578.0	5611.4	5595.2	5538.5	5537.9
G27.0	5432.9	5445.9	5508.9	5531.5	5504.5	5537.1	5570.9	5553.6	5494.4	5492.2
G28.0	5385.5	5394.4	5466.7	5483.4	5440.3	5487.9	5517.1	5500.9	5447.5	5439.5
G29.0	5323.0	5344.2	5410.9	5430.1	5380.3	5439.7	5470.4	5454.4	5393.7	5392.2
G30.0	5271.9	5291.4	5352.6	5376.7	5330.3	5383.9	5417.3	5406.0	5345.6	5344.0
G31.0	5212.5	5236.8	5305.3	5323.4	5273.0	5324.6	5371.6	5344.2	5291.4	5287.6
G32.0	5144.6	5183.2	5260.6	5258.7	5219.7	5267.0	5318.1	5289.0	5242.2	5226.1
G33.0	5086.3	5121.1	5200.3	5190.8	5152.4	5207.8	5269.1	5233.9	5185.7	5162.2
G34.0	5021.2	5061.4	5136.1	5129.7	5081.1	5149.6	5206.7	5175.4	5126.0	5106.1
G35.0	4953.2	4999.2	5073.1	5060.9	5010.0	5072.5	5147.6	5112.6	5061.7	5045.7
G36.0	4884.2	4931.8	5004.9	4987.0	4939.8	5002.9	5081.9	5054.8	4985.4	4990.9

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: 14.140 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	4813.5	4862.2	4935.3	4913.3	4870.7	4932.1	5016.2	4994.1	4922.5	4921.6
G38.0	4734.3	4791.0	4864.1	4837.5	4795.5	4856.8	4945.8	4921.3	4858.9	4857.1
G39.0	4663.2	4711.1	4786.2	4760.5	4719.4	4779.8	4866.3	4847.3	4791.4	4778.3
G40.0	4585.4	4640.1	4711.0	4670.8	4644.5	4699.5	4792.2	4774.5	4726.7	4704.0
G41.0	4504.6	4555.0	4623.1	4596.7	4562.1	4619.5	4711.8	4705.0	4636.8	4627.9
G42.0	4417.1	4478.5	4548.7	4511.3	4474.6	4536.2	4627.9	4628.8	4554.7	4557.6
G43.0	4333.7	4395.1	4464.3	4418.4	4363.0	4437.3	4549.2	4550.0	4481.4	4465.2
G44.0	4252.8	4310.4	4373.0	4317.4	4275.6	4350.2	4465.3	4466.5	4403.0	4377.2
G45.0	4161.4	4218.6	4282.7	4214.1	4186.1	4248.8	4364.3	4383.5	4319.1	4294.1
G46.0	4070.4	4135.0	4182.9	4112.8	4100.2	4151.7	4261.0	4300.0	4224.5	4212.2
G47.0	3980.5	4042.8	4087.0	4008.2	3988.0	4040.1	4180.0	4209.4	4134.8	4116.3
G48.0	3894.6	3955.3	3987.1	3922.9	3666.8	3955.1	4079.2	4111.8	4045.1	4021.8
G49.0	3798.5	3864.6	3898.8	3800.5	3314.9	3866.7	3985.9	4013.1	3949.3	3925.9
G50.0	3697.9	3768.8	3794.1	3486.9	3166.1	3689.4	3877.6	3920.5	3837.0	3824.6
G51.0	3598.1	3667.4	3671.4	3160.0	3076.2	3289.1	3775.6	3834.8	3731.1	3722.4
G52.0	3496.4	3553.3	3551.7	3012.9	2980.6	3051.6	3664.3	3728.5	3632.6	3622.0
G53.0	3379.7	3439.4	3434.4	2917.4	2884.0	2962.1	3536.8	3621.6	3525.4	3513.6
G54.0	3236.9	3334.1	3323.8	2817.5	2800.6	2866.3	3422.8	3502.9	3360.7	3409.7
G55.0	3109.4	3223.5	3215.5	2708.2	2668.4	2761.7	3292.2	3390.0	3229.0	3303.4
G56.0	2998.7	3074.0	3095.8	2618.2	2194.3	2665.0	3174.9	3247.7	3122.7	3156.1
G57.0	2843.9	2931.4	2823.4	2495.6	2094.2	2570.5	3071.1	3083.6	2974.5	3008.4
G58.0	2725.4	2799.6	2496.2	2019.6	2010.6	2212.5	2832.5	2954.3	2840.3	2894.7
G59.0	2620.0	2657.9	2351.6	1931.8	1908.1	1977.0	2489.2	2817.7	2721.6	2760.5
G60.0	2453.0	2528.9	2252.6	1843.2	1614.0	1883.2	2317.9	2671.1	2574.2	2617.8
G61.0	2332.1	2399.3	2154.0	1744.0	1381.1	1789.8	2208.7	2543.3	2442.6	2512.3
G62.0	2181.3	2229.5	2041.2	1389.6	1203.9	1629.0	2093.9	2393.7	2274.8	2380.8
G63.0	2054.2	2098.6	1909.1	1249.2	1077.2	1288.8	1943.3	2242.7	2148.8	2242.8
G64.0	1912.5	1945.8	1557.2	1035.7	1010.2	1194.7	1849.0	2080.4	1998.7	2103.2
G65.0	1763.7	1806.2	1388.6	966.9	846.9	990.1	1583.7	1936.5	1878.2	1949.1
G66.0	1637.1	1676.5	1294.3	901.0	622.4	928.5	1323.1	1807.4	1731.6	1791.2
G67.0	1501.5	1503.5	1189.1	598.8	580.2	820.5	1216.3	1668.6	1588.3	1674.7
G68.0	1378.7	1366.6	884.9	542.1	320.7	558.9	1107.3	1510.5	1449.7	1528.0
G69.0	1240.7	1214.9	761.5	420.9	275.1	512.8	827.4	1367.2	1325.0	1366.8
G70.0	1112.7	1085.1	624.7	268.1	247.2	272.1	729.5	1207.4	1190.2	1226.4
G71.0	986.3	865.7	551.0	241.1	223.3	246.9	592.7	1061.9	1048.9	1102.6
G72.0	870.2	758.5	372.2	215.5	196.0	227.8	522.1	904.2	917.8	972.8
G73.0	764.4	656.3	330.5	185.1	169.7	201.7	352.1	709.6	795.6	840.5

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: 14.140 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	653.5	542.5	189.1	166.2	144.9	173.2	299.2	594.3	686.2	704.8
G75.0	546.1	449.1	168.1	141.8	125.2	151.1	179.7	495.3	563.3	541.1
G76.0	444.8	333.0	141.6	116.9	108.3	122.6	157.6	399.6	467.2	453.5
G77.0	352.5	250.3	119.7	96.3	87.9	107.1	135.9	298.7	377.6	375.0
G78.0	263.9	167.8	90.6	80.9	71.6	87.0	111.1	229.4	304.3	273.1
G79.0	194.0	119.0	77.1	63.9	54.7	67.7	94.7	159.4	231.4	205.4
G80.0	121.4	80.0	61.4	49.9	39.8	49.7	71.9	119.3	164.5	161.2
G81.0	74.0	64.1	48.0	37.9	29.3	43.9	51.4	81.3	111.0	116.3
G82.0	45.6	47.1	35.1	29.1	19.5	32.4	34.7	66.9	71.1	82.3
G83.0	46.5	37.1	23.4	23.8	12.0	20.7	27.9	50.3	57.1	56.2
G84.0	37.9	21.7	16.6	16.8	8.6	17.1	21.5	38.1	43.8	46.4
G85.0	23.5	14.1	16.1	12.1	0.0	12.4	18.2	26.4	32.1	32.9
G86.0	20.2	9.3	0.0	13.9	0.0	11.9	7.8	22.8	24.1	23.0
G87.0	12.2	8.8	9.1	13.7	0.0	10.8	9.7	17.3	22.1	13.5
G88.0	10.6	7.8	9.1	11.9	0.0	11.7	12.4	11.9	15.7	0.0
G89.0	8.4	0.0	14.1	11.7	0.0	12.2	11.5	13.7	10.4	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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: 14.140 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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: 14.140 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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: 14.140 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	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5	6114.5			
G1.0	6115.8	6104.2	6114.0	6112.9	6109.4	6113.8	6105.4			
G2.0	6112.0	6097.6	6105.4	6105.7	6102.3	6117.4	6102.9			
G3.0	6106.0	6087.1	6084.2	6101.6	6087.9	6103.6	6108.0			
G4.0	6101.0	6075.2	6064.3	6091.3	6078.1	6103.4	6103.4			
G5.0	6084.9	6067.4	6043.3	6073.1	6064.9	6092.7	6097.8			
G6.0	6074.3	6052.9	6038.8	6063.8	6050.5	6076.8	6085.4			
G7.0	6060.8	6047.9	6024.9	6044.3	6032.3	6057.6	6070.0			
G8.0	6049.7	6030.9	6010.0	6031.4	6025.3	6042.0	6050.4			
G9.0	6040.2	6011.2	5984.1	6015.3	6010.6	6021.9	6028.7			
G10.0	6027.0	5988.6	5952.7	6000.2	5985.2	5993.3	6015.0			
G11.0	6010.9	5966.8	5927.3	5975.5	5952.2	5970.3	6003.7			
G12.0	5994.9	5944.4	5907.1	5955.9	5929.7	5940.6	5980.9			
G13.0	5972.6	5918.6	5895.3	5929.8	5902.9	5916.3	5958.1			
G14.0	5941.9	5895.3	5866.4	5906.8	5875.6	5895.3	5928.9			
G15.0	5924.0	5868.2	5832.3	5881.7	5847.8	5871.4	5900.8			
G16.0	5883.0	5836.4	5813.0	5847.0	5817.8	5847.0	5877.1			
G17.0	5847.4	5804.0	5796.5	5818.4	5782.4	5820.0	5844.3			
G18.0	5822.9	5761.0	5767.3	5782.5	5748.1	5784.3	5813.1			
G19.0	5790.8	5724.4	5731.7	5749.0	5713.8	5744.7	5781.0			
G20.0	5758.8	5684.5	5682.8	5711.9	5674.6	5701.3	5743.1			
G21.0	5718.8	5645.3	5650.4	5673.6	5635.7	5661.9	5706.6			
G22.0	5680.6	5604.3	5621.0	5630.2	5587.0	5624.0	5667.4			
G23.0	5633.3	5564.5	5580.8	5576.5	5538.8	5578.9	5625.1			
G24.0	5592.9	5524.2	5522.3	5530.1	5507.6	5540.8	5577.2			
G25.0	5545.8	5478.5	5466.3	5483.3	5460.8	5494.5	5530.5			
G26.0	5495.7	5427.6	5422.1	5428.5	5409.7	5450.4	5477.0			
G27.0	5456.1	5375.2	5367.6	5373.8	5354.6	5399.3	5432.9			
G28.0	5408.7	5324.3	5315.1	5324.3	5305.5	5350.4	5385.5			
G29.0	5350.3	5264.3	5259.7	5273.9	5249.5	5295.7	5323.0			
G30.0	5297.3	5209.4	5212.6	5218.2	5191.9	5237.7	5271.9			
G31.0	5237.0	5155.7	5157.7	5159.2	5136.1	5178.8	5212.5			
G32.0	5174.9	5093.6	5080.7	5101.7	5077.2	5106.6	5144.6			
G33.0	5117.0	5033.5	5012.1	5033.8	5017.9	5051.3	5086.3			
G34.0	5058.1	4962.8	4956.4	4974.1	4956.8	4989.9	5021.2			
G35.0	4994.7	4899.4	4886.9	4908.5	4891.3	4927.9	4953.2			
G36.0	4929.3	4836.8	4816.9	4849.8	4821.4	4859.9	4884.2			

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: 14.140 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	4867.5	4771.4	4734.9	4780.3	4756.6	4782.0	4813.5			
G38.0	4801.4	4696.4	4651.1	4699.8	4675.5	4710.5	4734.3			
G39.0	4734.7	4624.3	4563.4	4625.1	4604.5	4637.7	4663.2			
G40.0	4657.8	4548.1	4486.4	4550.2	4531.4	4572.8	4585.4			
G41.0	4582.0	4466.5	4411.0	4474.2	4454.6	4498.4	4504.6			
G42.0	4499.0	4381.2	4328.7	4382.6	4378.1	4417.3	4417.1			
G43.0	4425.6	4286.4	4246.1	4298.5	4290.4	4332.5	4333.7			
G44.0	4348.8	4207.6	4155.9	4215.1	4218.2	4246.9	4252.8			
G45.0	4268.4	4122.2	4069.1	4130.7	4134.6	4164.3	4161.4			
G46.0	4183.1	4034.8	3982.4	4038.3	4053.3	4069.9	4070.4			
G47.0	4093.8	3939.6	3888.1	3939.1	3962.2	3975.0	3980.5			
G48.0	4006.4	3835.7	3808.3	3823.3	3863.5	3887.7	3894.6			
G49.0	3904.5	3736.2	3709.1	3735.1	3768.9	3796.1	3798.5			
G50.0	3796.9	3649.3	3616.6	3644.2	3672.7	3696.2	3697.9			
G51.0	3698.9	3559.0	3504.4	3549.3	3578.6	3599.0	3598.1			
G52.0	3605.4	3459.1	3401.3	3445.2	3470.8	3502.0	3496.4			
G53.0	3500.2	3343.7	3186.8	3339.0	3367.9	3397.5	3379.7			
G54.0	3386.7	3246.7	2798.1	3233.8	3265.2	3291.7	3236.9			
G55.0	3267.2	3106.1	2635.9	3077.9	3161.6	3169.1	3109.4			
G56.0	3153.0	2705.7	2553.0	2657.1	3041.4	3024.0	2998.7			
G57.0	3045.4	2497.9	2466.7	2489.6	2934.3	2906.0	2843.9			
G58.0	2934.1	2421.0	2377.7	2405.2	2825.4	2787.3	2725.4			
G59.0	2821.9	2338.8	2290.0	2313.0	2716.3	2639.2	2620.0			
G60.0	2697.0	2242.0	2190.9	2225.3	2602.7	2524.1	2453.0			
G61.0	2566.7	2153.7	1815.0	2141.0	2497.6	2376.6	2332.1			
G62.0	2399.2	2048.0	1673.3	2002.0	2247.2	2249.3	2181.3			
G63.0	2039.9	1681.7	1607.4	1643.4	1923.9	2109.2	2054.2			
G64.0	1848.1	1556.5	1530.2	1541.1	1806.5	1991.4	1912.5			
G65.0	1766.8	1481.9	1455.0	1466.4	1687.7	1827.7	1763.7			
G66.0	1640.0	1394.1	1261.4	1372.9	1584.5	1700.0	1637.1			
G67.0	1533.8	1298.6	1173.8	1272.6	1485.4	1579.1	1501.5			
G68.0	1429.0	1114.1	872.5	1106.8	1295.9	1442.9	1378.7			
G69.0	1103.4	1017.9	806.2	881.9	1054.4	1301.9	1240.7			
G70.0	1006.9	763.3	750.5	750.8	973.0	1175.0	1112.7			
G71.0	919.4	705.7	508.2	700.4	889.6	1055.4	986.3			
G72.0	829.1	617.6	460.7	516.0	771.4	935.7	870.2			
G73.0	673.6	442.4	370.3	437.0	632.8	807.0	764.4			

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: 14.140 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	520.7	406.2	253.5	347.1	450.6	640.5	653.5			
G75.0	436.5	242.2	223.3	232.3	404.4	512.6	546.1			
G76.0	383.3	222.0	194.4	210.3	280.9	433.3	444.8			
G77.0	262.9	193.5	174.9	181.7	243.2	352.3	352.5			
G78.0	201.9	166.2	150.4	155.0	152.9	238.2	263.9			
G79.0	150.2	141.6	127.6	134.1	133.2	183.3	194.0			
G80.0	128.4	123.7	110.4	113.3	107.1	128.0	121.4			
G81.0	103.8	108.0	92.7	97.2	91.2	79.7	74.0			
G82.0	86.2	93.0	76.1	79.4	75.3	65.7	45.6			
G83.0	69.8	71.3	63.8	66.4	56.4	48.9	46.5			
G84.0	50.8	58.7	49.0	52.4	50.2	41.2	37.9			
G85.0	40.4	35.2	38.8	41.8	36.1	33.6	23.5			
G86.0	29.0	38.8	21.4	27.9	19.5	24.6	20.2			
G87.0	22.5	23.5	13.9	20.0	19.7	16.8	12.2			
G88.0	17.5	17.3	7.7	15.8	13.9	11.7	10.6			
G89.0	8.9	11.4	7.5	10.3	11.1	10.9	8.4			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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: 14.140 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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: 14.140 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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: 14.140 m [K=1.0000]

Humidity:

Inspector: