

Report No.:

Test Time: 2020-9-15 09:49

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.128 A

Power Factor: 0.994

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 15.32 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 1955.3 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 808.19 cd

Pos of Max. Intensity: H247.5 V13

Longitudinal Classification: Very Short

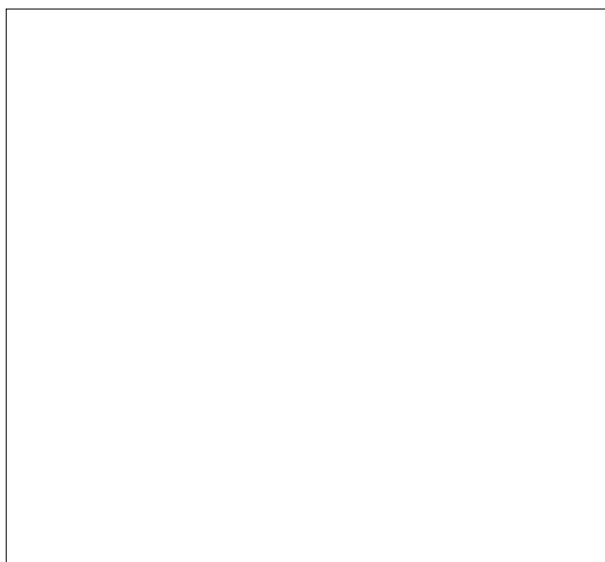
Measurement Flux: 1955.3 lm

Downward Ratio: 100%

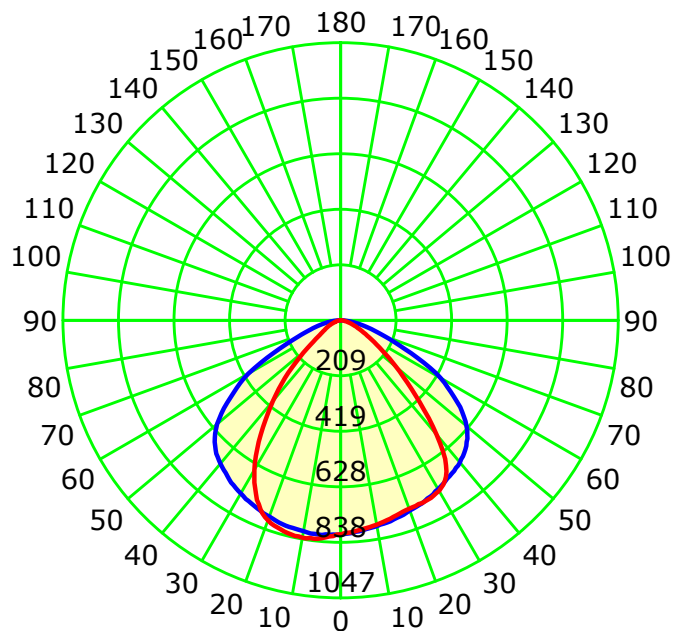
Luminaire Efficacy Rating (LER): 127.68

Max. Intensity: 838.2 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

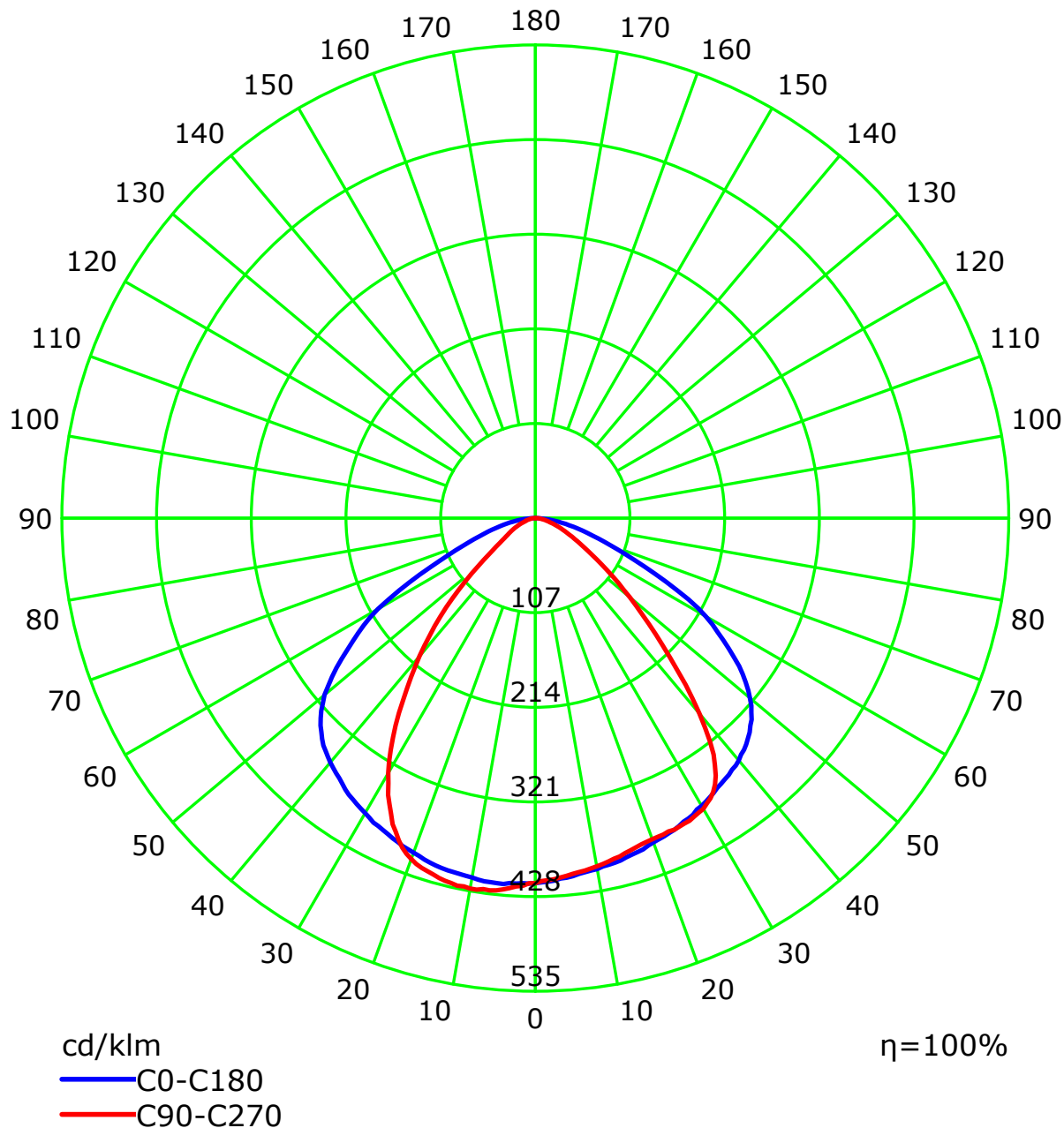
Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

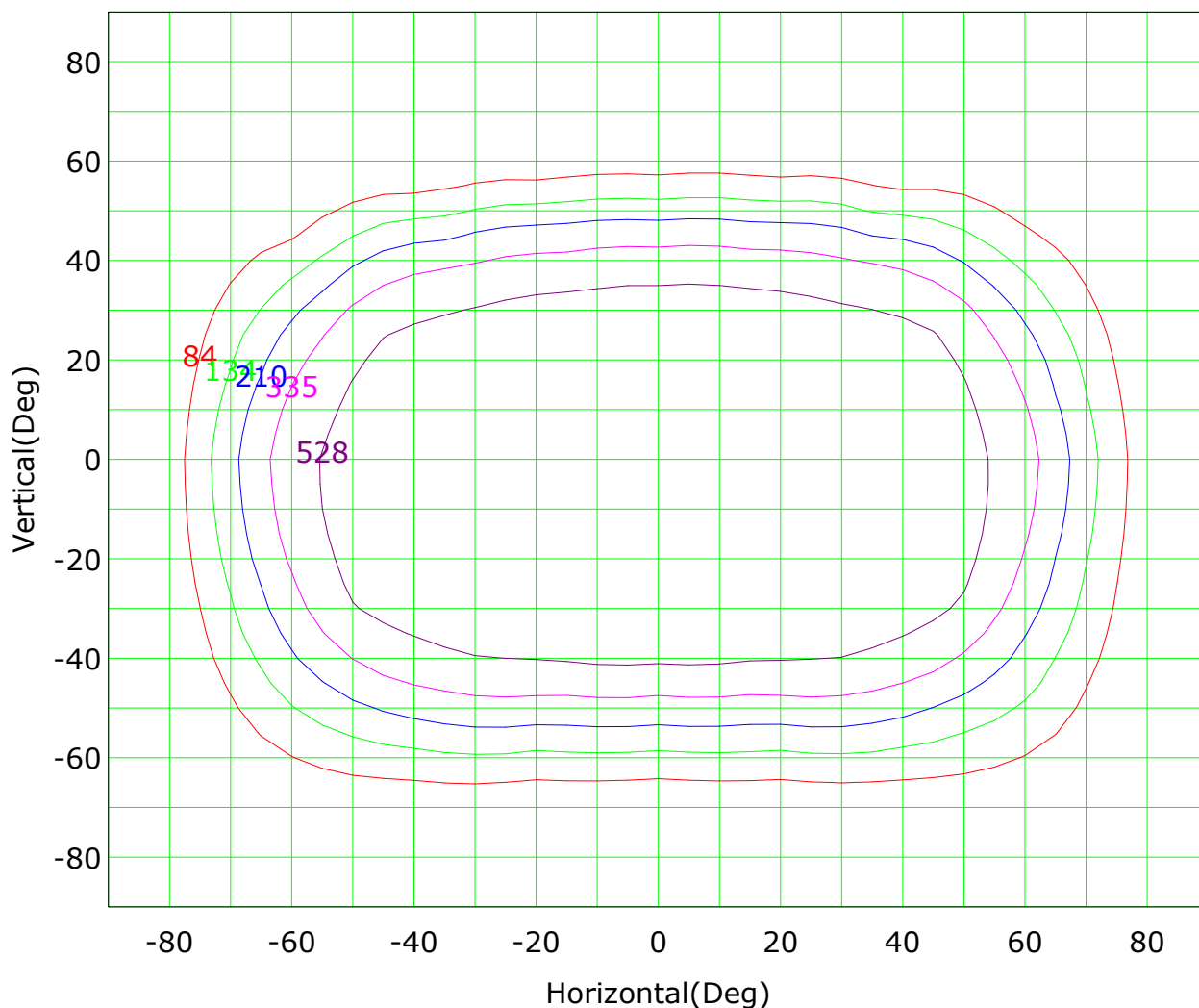
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.040 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)



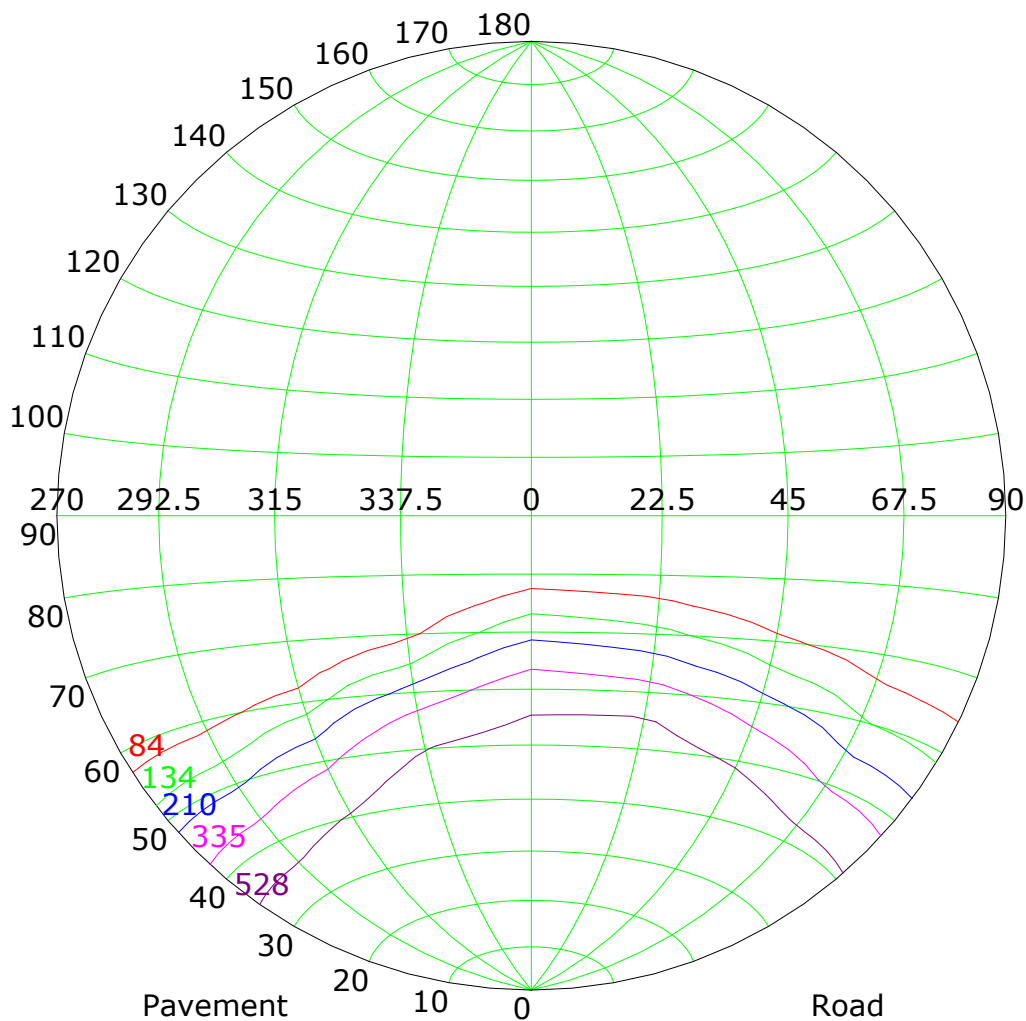
Imax (100%): 838 cd

(10%): 84 cd	(16%): 134 cd
(25%): 210 cd	(40%): 335 cd
(63%): 528 cd	(100%): 838 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.040 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 838 cd

(10%): 84 cd	(16%): 134 cd
(25%): 210 cd	(40%): 335 cd
(63%): 528 cd	(100%): 838 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

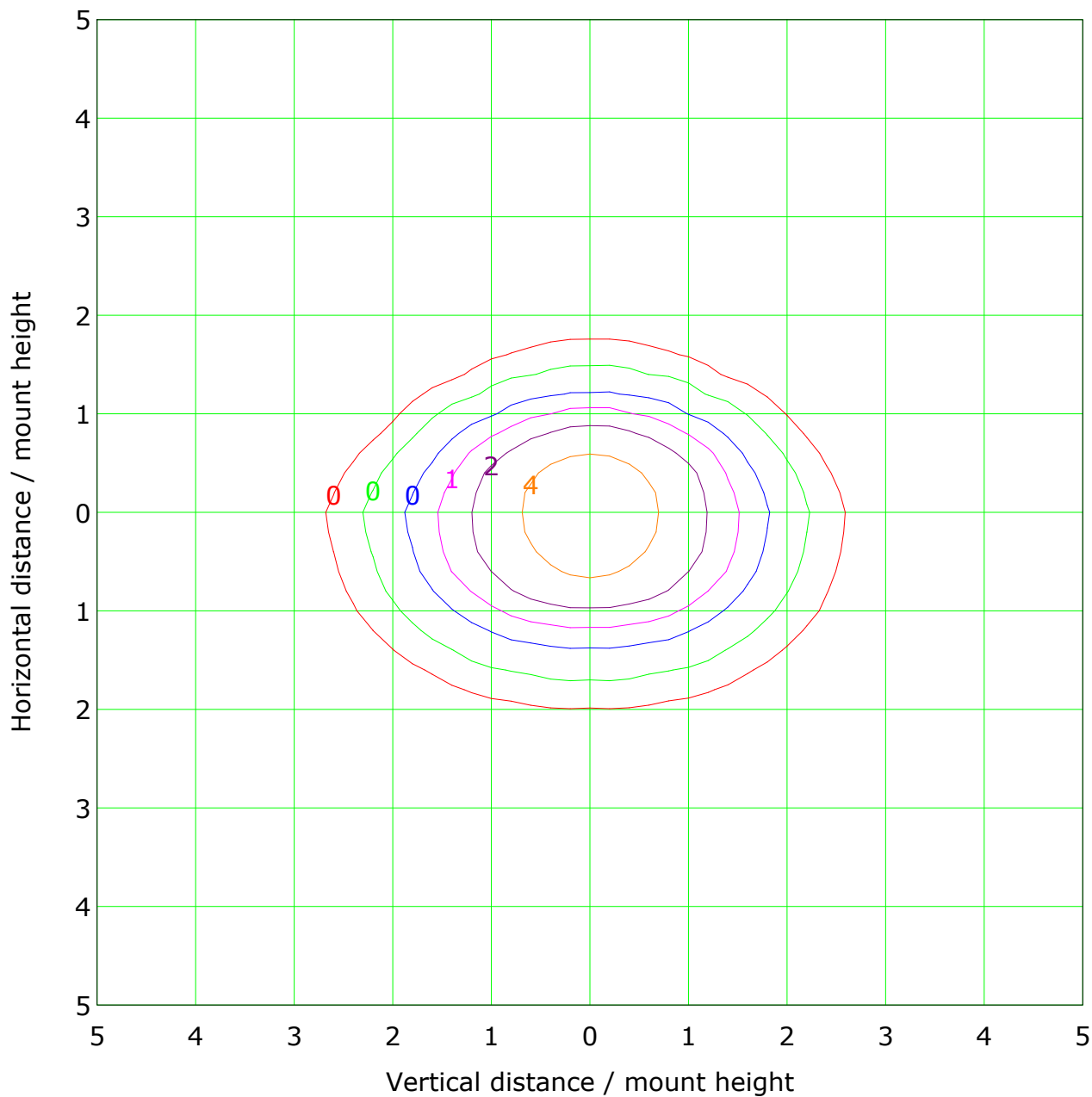
Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 8.2 lx

(1%): 0.1 lx	(2%): 0.2 lx
(5%): 0.4 lx	(10%): 0.8 lx
(20%): 1.6 lx	(50%): 4.1 lx
(100%): 8.2 lx	

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

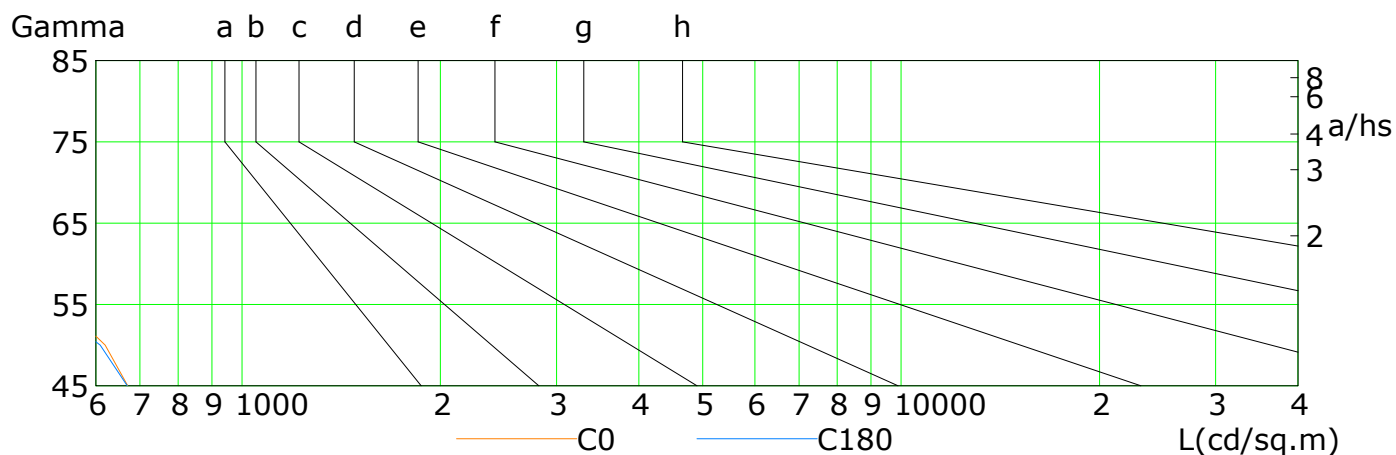
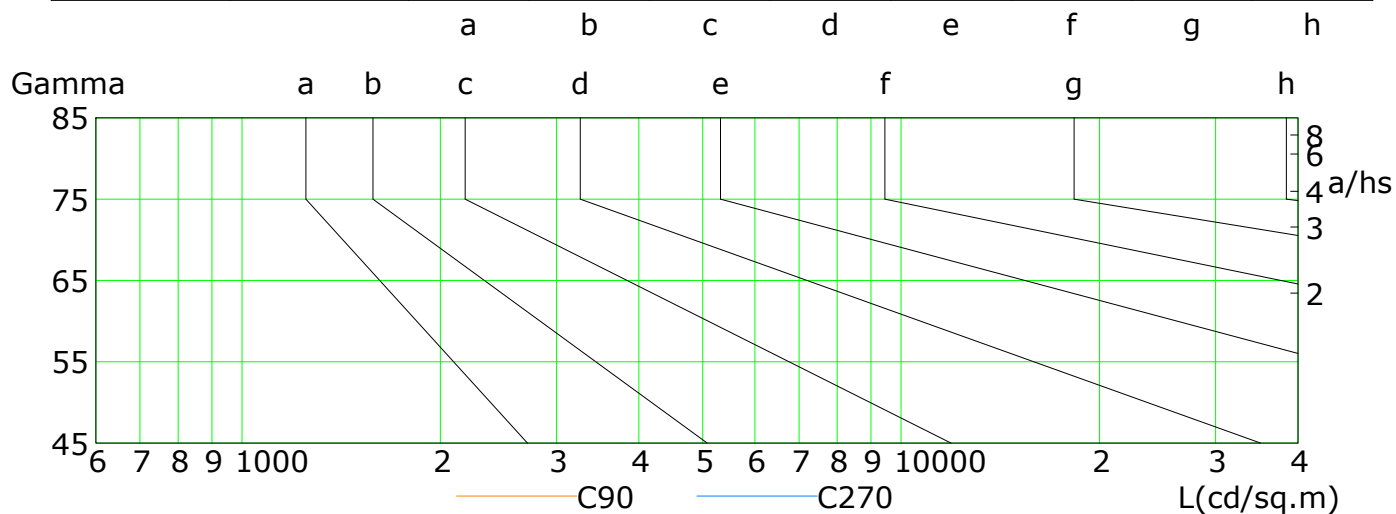
Distance: 14.040 m [K=1.0000]

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	671	620	536	436	293	179	109	59	23
C90	398	273	180	116	78	51	31	18	9
C180	670	609	508	403	256	157	99	58	25
C270	279	165	96	68	48	31	22	13	6

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

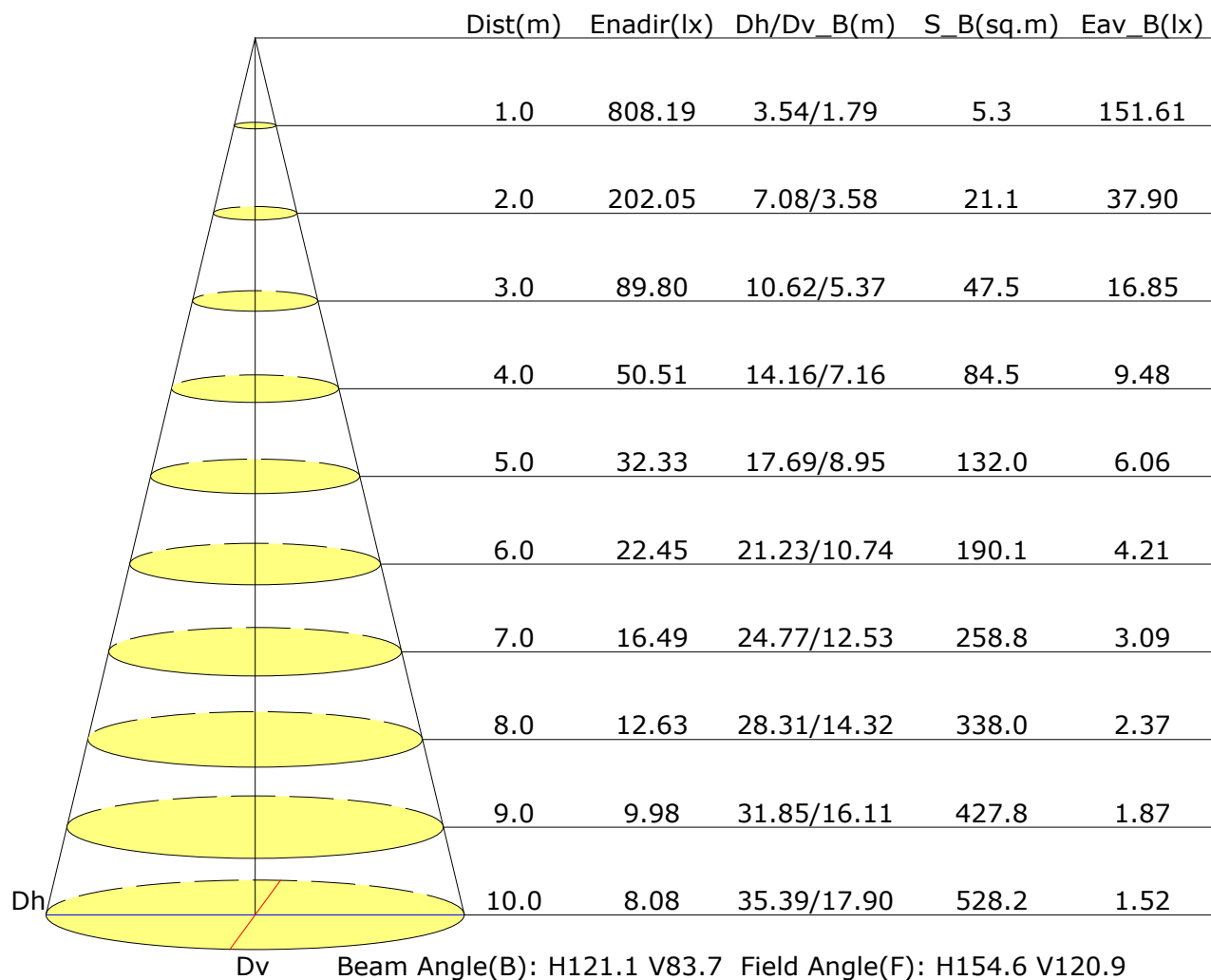
Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

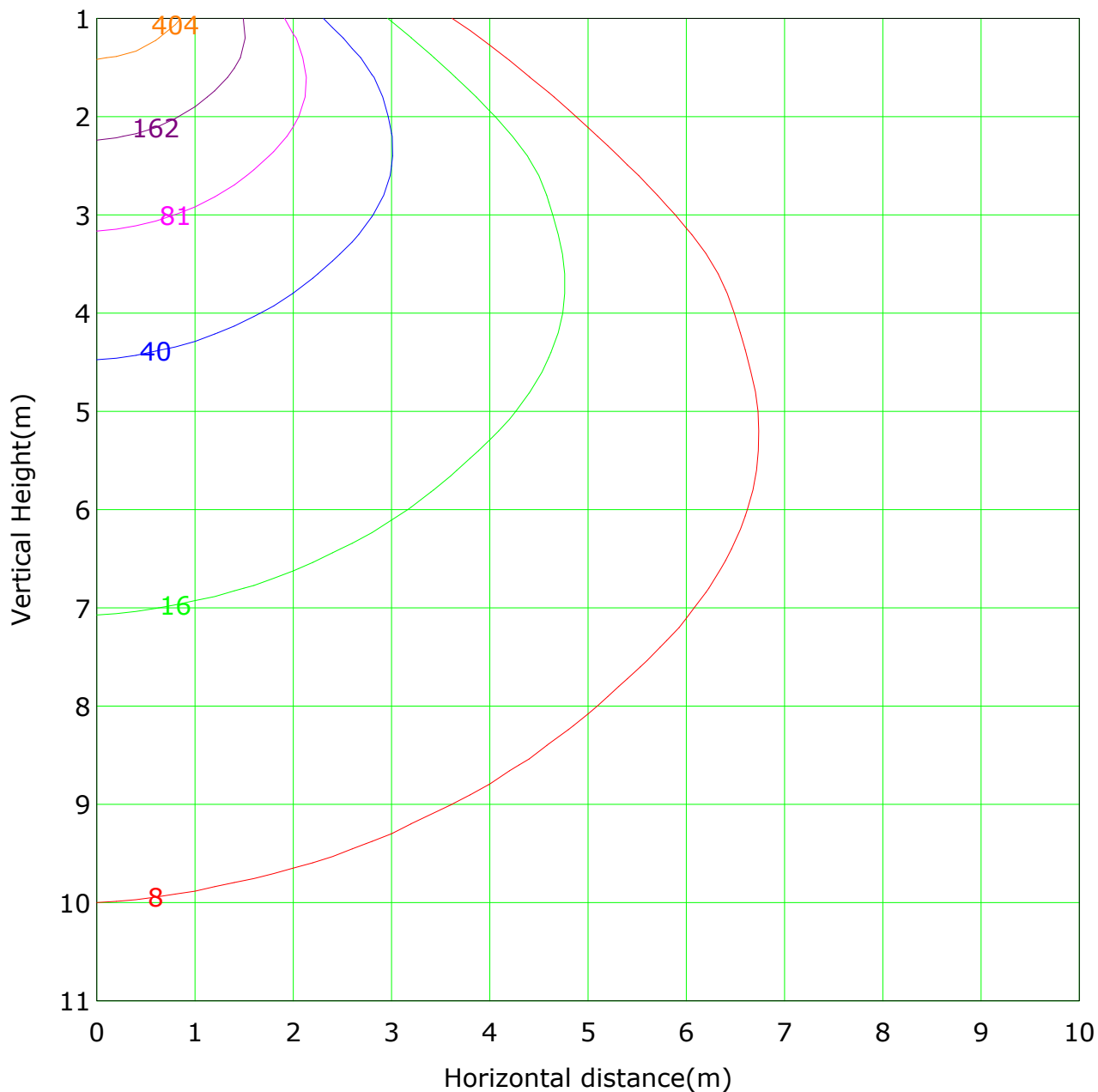
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.040 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



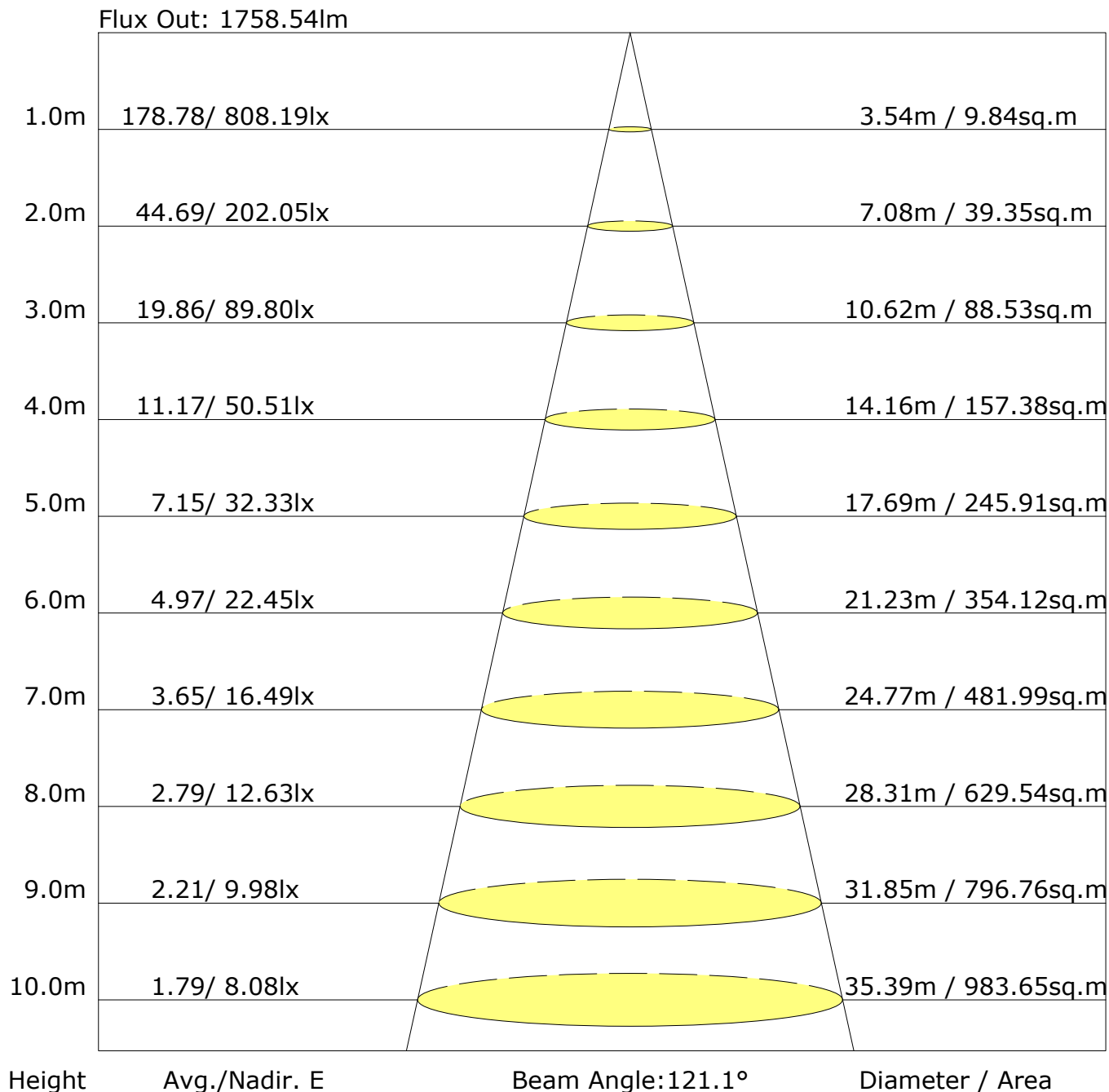
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 808.2 lx

(1%): 8.1 lx	(2%): 16.2 lx
(5%): 40.4 lx	(10%): 80.8 lx
(20%): 161.6 lx	(50%): 404.1 lx
(100%): 808.2 lx	

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.040 m [K=1.0000]
Humidity:
Inspector:

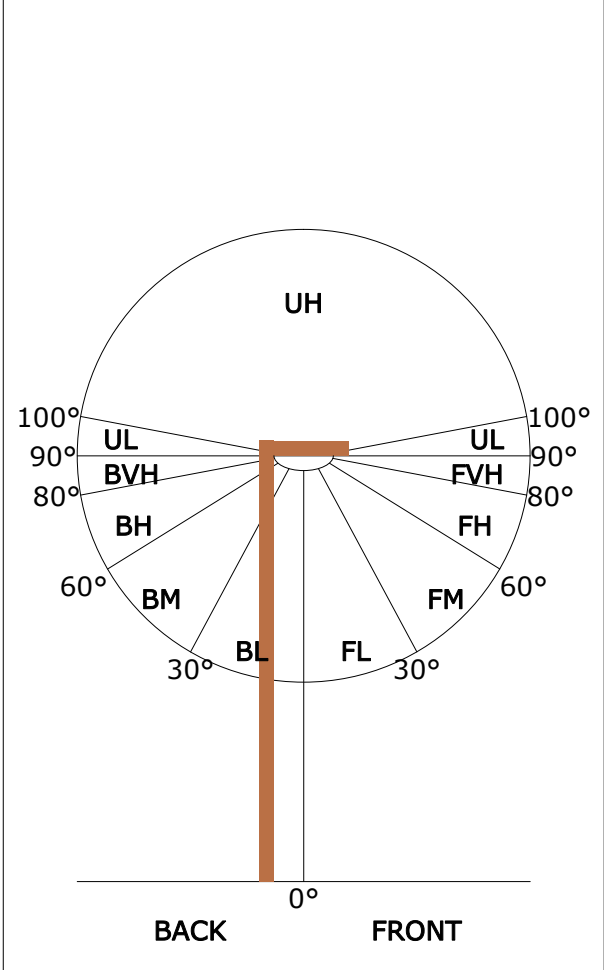
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 'C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 14.040 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	1053	53.9
	FL (0°-30°)	322	16.5
	FM (30°-60°)	604	30.9
	FH (60°-80°)	117	6.0
	FVH (80°-90°)	9	0.5
	BACK LIGHT	902	46.1
	BL (0°-30°)	330	16.9
	BM (30°-60°)	491	25.1
	BH (60°-80°)	75	3.8
	BVH (80°-90°)	6	0.3
	UP LIGHT	0	0.0
	UL (90°-100°)	0	0.0
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U0 G0

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.040 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	808.2	808.2	808.2	808.2	808.2	808.2	808.2	808.2	808.2	808.2
G1.0	806.7	806.7	805.0	805.2	803.8	807.7	810.1	805.6	809.3	810.2
G2.0	805.3	806.1	802.8	801.8	802.1	805.7	808.3	804.1	808.8	810.7
G3.0	803.7	804.4	801.0	797.5	800.8	803.5	806.0	804.6	810.5	810.7
G4.0	799.8	803.5	798.1	794.8	797.8	800.8	803.1	803.7	809.9	812.7
G5.0	799.1	799.9	794.7	791.8	795.0	798.7	800.9	802.7	813.2	813.6
G6.0	797.0	797.8	791.9	790.0	791.9	796.2	796.5	801.5	812.8	814.8
G7.0	793.7	796.6	788.1	786.2	789.9	792.5	795.5	799.9	812.1	816.2
G8.0	791.6	791.2	787.0	783.3	788.2	790.2	794.9	799.1	812.3	818.5
G9.0	790.0	790.7	782.7	781.1	785.3	786.4	792.5	797.4	810.4	818.5
G10.0	789.0	790.1	780.5	778.8	783.2	780.5	791.8	795.8	808.0	820.0
G11.0	785.5	788.7	778.1	776.7	780.4	778.5	790.3	793.5	807.0	819.7
G12.0	784.4	785.3	775.3	774.7	777.5	775.9	788.8	791.4	805.6	817.7
G13.0	783.1	782.3	771.9	771.7	774.2	773.4	786.6	790.5	804.4	815.9
G14.0	781.1	780.5	768.9	769.7	772.2	770.3	785.4	789.3	803.8	813.3
G15.0	777.6	776.1	765.9	768.6	767.9	767.6	781.6	787.5	802.4	811.8
G16.0	775.2	776.2	762.0	766.4	765.2	764.0	781.1	787.0	800.1	810.8
G17.0	773.4	773.8	760.7	763.5	762.3	761.5	777.9	785.1	797.9	809.3
G18.0	771.2	771.3	756.8	762.9	759.5	757.9	775.4	782.9	795.0	807.6
G19.0	767.1	769.3	754.6	760.0	757.9	755.5	772.4	782.7	791.0	805.5
G20.0	764.1	765.9	753.1	757.9	756.6	752.0	771.1	781.1	788.4	800.7
G21.0	761.8	762.0	750.8	754.9	755.9	750.2	769.4	779.4	785.9	796.4
G22.0	760.0	760.0	749.0	752.3	755.7	748.0	766.2	779.0	783.6	792.3
G23.0	757.5	757.9	745.8	750.2	753.6	746.3	764.8	777.8	779.2	788.8
G24.0	755.8	755.5	743.2	748.3	755.4	744.0	761.6	775.5	776.4	785.7
G25.0	752.4	753.5	739.9	747.4	753.7	744.8	759.2	773.3	772.3	782.0
G26.0	747.8	751.7	737.3	744.0	752.5	742.4	756.4	770.7	768.9	778.2
G27.0	746.3	749.1	734.2	741.0	752.0	741.4	752.9	769.3	765.4	772.8
G28.0	743.6	749.5	730.4	737.5	748.8	739.9	749.8	766.3	763.5	768.7
G29.0	737.5	744.9	726.2	734.4	745.6	736.8	746.6	764.2	758.4	765.5
G30.0	735.7	741.8	724.1	731.1	743.6	733.8	743.2	761.0	753.8	757.5
G31.0	732.4	741.2	719.7	728.5	737.2	728.2	739.8	757.2	750.4	752.5
G32.0	728.8	737.2	717.3	723.7	731.5	721.9	734.9	752.6	746.5	748.2
G33.0	725.0	732.9	710.4	716.6	722.7	715.5	732.0	748.7	742.1	742.6
G34.0	720.2	728.9	708.1	710.4	711.3	706.8	726.8	745.4	738.8	737.2
G35.0	717.5	725.3	704.7	700.6	696.1	697.2	720.5	740.6	733.4	731.4
G36.0	714.2	723.0	700.1	689.0	676.1	686.1	715.8	735.1	727.1	725.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	711.6	717.9	694.2	675.7	655.4	670.9	711.0	729.4	721.0	717.3
G38.0	707.1	715.6	687.2	658.6	627.5	655.5	704.4	724.0	716.5	710.4
G39.0	705.1	711.6	680.9	636.8	596.8	634.2	696.1	718.6	711.5	701.5
G40.0	700.5	705.2	674.9	613.5	564.5	608.9	687.7	712.7	706.0	694.3
G41.0	693.9	699.1	665.4	585.7	530.7	581.5	678.8	707.3	700.2	684.2
G42.0	690.4	693.4	655.3	556.7	497.5	552.4	669.3	700.8	694.0	673.8
G43.0	684.3	686.8	645.3	523.8	461.2	522.2	657.6	694.3	688.2	663.4
G44.0	677.5	679.8	631.2	490.5	428.8	491.8	643.2	686.3	679.5	651.9
G45.0	670.9	672.4	617.1	458.5	398.1	455.0	628.0	678.4	669.7	638.8
G46.0	661.4	664.7	597.7	427.0	370.9	424.2	608.1	671.0	661.3	625.2
G47.0	654.4	657.0	576.4	398.4	343.6	394.6	587.2	661.6	649.7	609.8
G48.0	643.2	649.4	554.0	368.3	317.6	367.8	562.5	650.9	637.8	592.5
G49.0	633.2	640.8	528.2	342.6	295.5	338.9	534.2	641.3	623.2	572.9
G50.0	620.1	629.4	500.8	318.8	273.3	313.8	507.2	628.8	609.2	549.6
G51.0	606.3	616.8	472.9	293.9	251.0	287.9	474.8	615.4	589.8	525.5
G52.0	590.7	602.6	444.1	269.7	233.0	265.0	447.3	598.8	571.4	500.2
G53.0	574.6	588.2	415.2	249.9	213.8	244.5	418.9	580.7	551.5	472.3
G54.0	557.8	570.4	387.6	229.5	195.2	225.7	390.8	558.1	529.7	441.9
G55.0	536.2	550.0	358.3	210.0	179.6	208.4	360.3	531.9	507.6	407.3
G56.0	516.4	524.0	332.7	192.8	164.6	190.3	333.6	504.9	487.1	375.9
G57.0	495.7	495.6	306.8	176.4	150.5	175.2	304.9	470.6	468.0	344.5
G58.0	475.3	462.8	282.4	161.2	137.5	160.6	279.3	434.1	447.8	311.7
G59.0	457.5	429.4	258.7	148.8	126.2	147.3	255.1	398.1	426.7	278.8
G60.0	435.7	394.5	236.6	136.6	116.2	135.4	234.3	364.9	403.0	249.7
G61.0	412.7	360.7	213.7	125.6	107.1	125.1	212.7	328.9	371.6	224.0
G62.0	383.6	326.2	194.4	114.7	98.4	114.6	193.1	299.2	341.6	200.3
G63.0	352.2	296.5	177.7	106.3	90.9	105.4	174.9	270.5	312.0	177.5
G64.0	321.6	269.0	161.4	98.0	83.7	97.4	158.1	246.4	284.2	158.6
G65.0	293.2	244.7	146.3	90.4	77.8	90.6	144.6	223.9	255.6	141.7
G66.0	264.4	221.8	133.8	83.8	71.3	83.4	132.4	205.6	231.0	126.9
G67.0	239.9	202.4	121.4	77.7	66.5	77.1	120.6	187.2	209.9	114.4
G68.0	217.3	183.7	111.3	71.6	60.9	71.3	109.0	170.9	190.7	102.4
G69.0	198.2	165.1	101.5	66.3	55.6	65.7	99.9	156.9	172.3	92.7
G70.0	178.7	150.3	92.7	60.8	50.7	59.7	91.1	143.6	157.5	83.6
G71.0	161.9	137.1	84.5	55.8	46.6	55.1	84.0	131.6	143.6	76.2
G72.0	147.2	124.7	76.9	51.1	42.3	50.7	76.3	119.9	130.0	68.2
G73.0	132.7	113.1	70.4	47.0	38.0	45.9	70.3	110.7	118.4	62.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	120.0	102.9	64.5	43.2	34.1	41.8	63.5	101.1	108.8	56.9
G75.0	108.5	93.4	58.1	39.2	31.0	37.7	57.6	92.5	99.0	51.7
G76.0	97.9	84.6	52.7	35.6	28.2	34.0	52.1	84.3	89.4	46.8
G77.0	87.3	76.8	47.6	31.8	25.2	31.0	47.1	77.1	81.2	41.7
G78.0	77.0	68.7	43.2	29.1	22.4	28.0	42.4	69.7	72.0	37.8
G79.0	68.6	62.1	38.5	26.4	20.4	24.4	37.4	63.2	64.7	34.1
G80.0	59.5	54.6	33.9	23.3	17.6	22.4	33.2	56.4	57.5	30.8
G81.0	51.4	48.6	29.4	20.6	15.0	19.1	28.6	50.3	50.2	26.9
G82.0	43.6	42.5	24.8	18.2	13.9	17.1	24.0	44.8	43.7	23.6
G83.0	36.7	36.4	20.6	15.4	11.9	15.0	20.6	39.8	37.5	19.7
G84.0	29.6	30.5	17.5	13.6	9.9	13.1	17.2	34.1	31.4	15.7
G85.0	22.6	23.8	14.0	11.6	8.8	10.7	14.0	28.5	24.9	12.0
G86.0	14.2	15.9	10.9	9.2	6.9	8.4	11.2	21.8	16.3	7.8
G87.0	10.2	11.4	7.1	6.9	5.5	6.5	8.0	14.4	10.6	5.7
G88.0	4.5	5.5	4.7	5.6	4.5	4.9	5.0	8.3	4.9	3.5
G89.0	1.9	2.7	2.1	3.8	2.4	2.9	3.1	2.6	1.9	2.1
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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	808.2	808.2	808.2	808.2	808.2	808.2	808.2			
G1.0	809.2	810.3	808.7	809.1	811.1	807.7	806.7			
G2.0	810.9	812.2	814.6	809.1	814.0	808.3	805.3			
G3.0	812.5	814.5	816.6	807.5	817.0	808.4	803.7			
G4.0	814.0	817.7	821.3	809.9	819.4	808.9	799.8			
G5.0	815.6	822.8	825.2	812.0	817.7	808.7	799.1			
G6.0	817.0	826.0	828.9	811.8	821.8	809.5	797.0			
G7.0	817.5	829.2	830.6	814.3	821.9	809.5	793.7			
G8.0	819.4	832.9	829.6	816.8	824.0	809.2	791.6			
G9.0	818.8	834.6	833.1	818.4	823.1	809.2	790.0			
G10.0	820.0	837.6	832.7	820.6	825.1	808.1	789.0			
G11.0	820.2	836.2	830.8	822.0	824.8	807.4	785.5			
G12.0	821.1	837.3	832.2	823.6	825.5	806.1	784.4			
G13.0	820.3	838.2	829.3	824.0	826.4	806.3	783.1			
G14.0	820.0	836.0	827.6	823.6	827.1	803.3	781.1			
G15.0	818.7	831.0	824.9	822.9	824.6	801.8	777.6			
G16.0	817.7	828.8	820.9	820.5	822.2	801.8	775.2			
G17.0	815.9	823.6	817.5	817.6	820.4	798.1	773.4			
G18.0	811.3	820.5	814.3	812.7	817.6	795.4	771.2			
G19.0	808.1	814.0	809.9	809.7	812.6	794.7	767.1			
G20.0	803.2	809.2	803.3	802.5	809.4	791.6	764.1			
G21.0	798.7	803.4	796.2	797.2	803.1	788.7	761.8			
G22.0	793.8	796.5	786.8	788.6	798.5	785.6	760.0			
G23.0	788.0	783.9	774.6	779.6	792.1	781.0	757.5			
G24.0	779.8	774.8	760.0	770.1	786.0	778.0	755.8			
G25.0	773.8	761.0	748.0	754.6	779.0	772.7	752.4			
G26.0	764.9	745.8	728.8	740.2	769.1	769.4	747.8			
G27.0	755.8	730.7	711.6	725.8	760.1	764.5	746.3			
G28.0	747.3	715.4	694.2	707.7	749.3	761.0	743.6			
G29.0	735.5	697.8	671.4	689.3	738.8	756.9	737.5			
G30.0	724.0	678.7	651.5	667.3	726.0	751.5	735.7			
G31.0	712.5	659.5	628.8	644.2	712.5	744.9	732.4			
G32.0	700.0	636.5	604.2	623.2	697.0	740.3	728.8			
G33.0	685.5	615.9	578.6	598.2	681.1	734.4	725.0			
G34.0	671.2	591.8	553.5	574.5	665.2	728.2	720.2			
G35.0	652.5	567.3	526.3	549.6	643.8	721.3	717.5			
G36.0	636.3	543.7	498.6	523.1	627.2	713.7	714.2			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	618.3	517.6	472.3	499.6	608.8	704.9	711.6			
G38.0	599.4	494.2	447.2	476.3	587.5	696.2	707.1			
G39.0	577.9	469.6	422.9	451.9	566.1	688.6	705.1			
G40.0	557.1	444.6	399.2	425.9	543.9	678.9	700.5			
G41.0	535.8	419.5	374.5	402.4	520.4	670.4	693.9			
G42.0	515.1	396.1	349.4	378.9	497.0	659.1	690.4			
G43.0	492.9	370.1	326.6	356.0	470.1	647.6	684.3			
G44.0	468.7	346.2	302.9	331.0	447.3	636.1	677.5			
G45.0	445.7	321.9	279.5	307.5	423.5	621.6	670.9			
G46.0	422.1	296.7	254.0	284.3	399.5	604.4	661.4			
G47.0	398.0	270.2	230.3	260.7	374.7	588.1	654.4			
G48.0	374.8	246.1	207.7	237.6	348.5	570.7	643.2			
G49.0	348.6	222.7	186.7	212.6	324.7	550.4	633.2			
G50.0	324.4	200.3	165.2	191.3	300.9	529.0	620.1			
G51.0	300.4	179.5	147.4	171.2	276.3	503.8	606.3			
G52.0	275.3	158.8	131.7	152.8	252.2	479.4	590.7			
G53.0	247.4	141.8	118.2	136.5	225.9	452.4	574.6			
G54.0	223.3	126.7	107.2	121.8	203.0	425.2	557.8			
G55.0	200.1	114.3	96.5	108.4	182.0	392.2	536.2			
G56.0	178.9	102.5	89.1	98.8	162.0	361.2	516.4			
G57.0	157.6	93.1	82.3	90.4	142.8	330.7	495.7			
G58.0	139.1	86.1	77.0	82.6	127.0	299.0	475.3			
G59.0	124.2	79.6	71.7	76.2	113.7	268.6	457.5			
G60.0	111.1	73.3	67.8	71.2	101.8	239.5	435.7			
G61.0	99.8	68.3	63.2	66.6	91.7	209.6	412.7			
G62.0	89.6	64.1	59.6	61.8	82.9	185.9	383.6			
G63.0	81.5	59.9	56.1	58.2	75.2	164.6	352.2			
G64.0	74.5	56.1	52.3	54.7	69.4	145.7	321.6			
G65.0	68.6	52.6	48.4	50.9	64.2	127.2	293.2			
G66.0	63.1	48.5	44.6	47.8	59.4	112.6	264.4			
G67.0	57.6	45.3	41.3	44.2	54.9	100.5	239.9			
G68.0	53.2	41.9	38.1	40.9	50.7	90.1	217.3			
G69.0	49.7	38.7	34.6	37.8	47.0	80.2	198.2			
G70.0	46.0	35.5	30.8	35.2	44.3	72.3	178.7			
G71.0	42.8	32.9	27.5	31.8	40.3	65.4	161.9			
G72.0	39.3	29.6	24.7	28.9	37.1	59.9	147.2			
G73.0	36.0	27.2	23.2	26.7	34.4	53.8	132.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	32.9	24.9	22.3	24.1	30.9	48.8	120.0			
G75.0	29.6	23.6	22.2	23.9	28.6	44.5	108.5			
G76.0	26.8	22.4	19.3	21.8	25.8	40.9	97.9			
G77.0	24.4	19.9	17.4	19.1	24.0	36.5	87.3			
G78.0	21.7	17.4	15.7	16.8	20.7	32.5	77.0			
G79.0	18.7	15.5	14.0	15.4	17.8	29.2	68.6			
G80.0	15.2	13.7	12.7	13.6	15.1	26.1	59.5			
G81.0	13.3	11.9	11.3	11.8	13.0	22.5	51.4			
G82.0	11.8	10.0	10.8	10.9	11.0	18.6	43.6			
G83.0	9.8	9.2	9.5	9.2	9.4	14.8	36.7			
G84.0	8.3	7.8	8.1	7.8	7.7	11.8	29.6			
G85.0	6.4	6.4	6.5	6.7	6.2	8.5	22.6			
G86.0	5.1	4.3	5.2	5.1	4.3	5.9	14.2			
G87.0	3.6	3.4	3.7	3.6	4.0	4.0	10.2			
G88.0	2.6	2.5	3.1	3.2	2.9	2.5	4.5			
G89.0	2.3	2.2	2.3	2.3	2.0	2.6	1.9			
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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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: 25.0 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector: