

Report No.:

Test Time: 2022-5-17 17:38

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.131 A

Power Factor: 0.993

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 15.56 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 2063.5 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 835.61 cd

Pos of Max. Intensity: H90 V3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.4, 100.4, 109.8, 109.8

Longitudinal Classification: Very Short

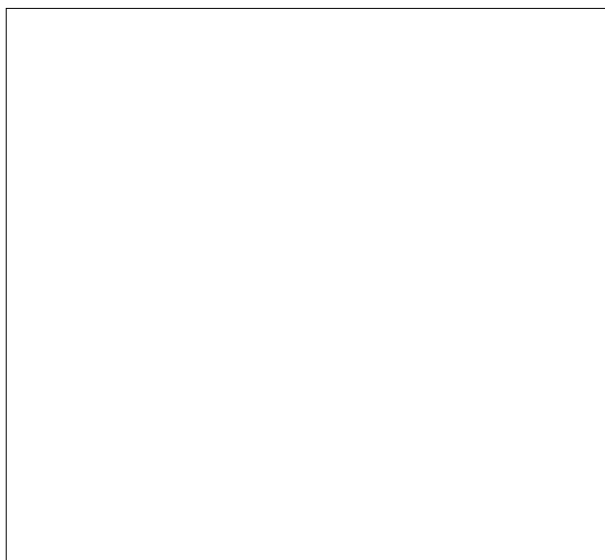
Measurement Flux: 2063.5 lm

Downward Ratio: 100%

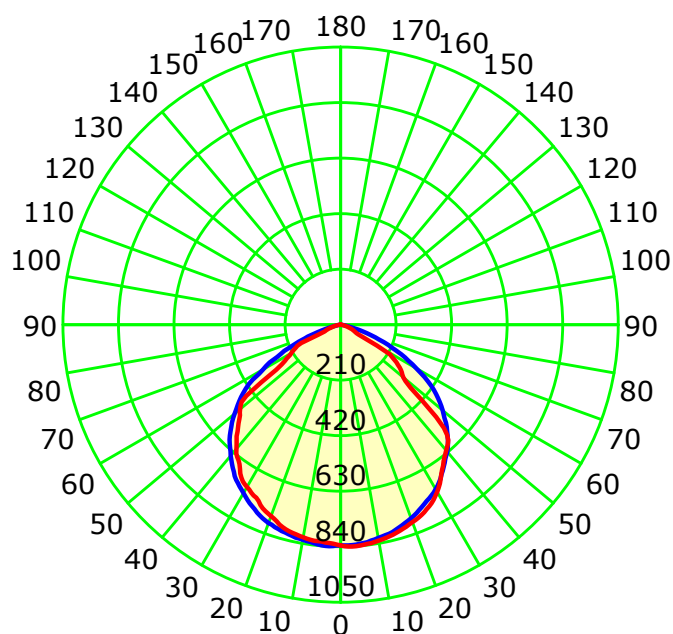
Luminaire Efficacy Rating (LER): 132.66

Max. Intensity: 840.49 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 106.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

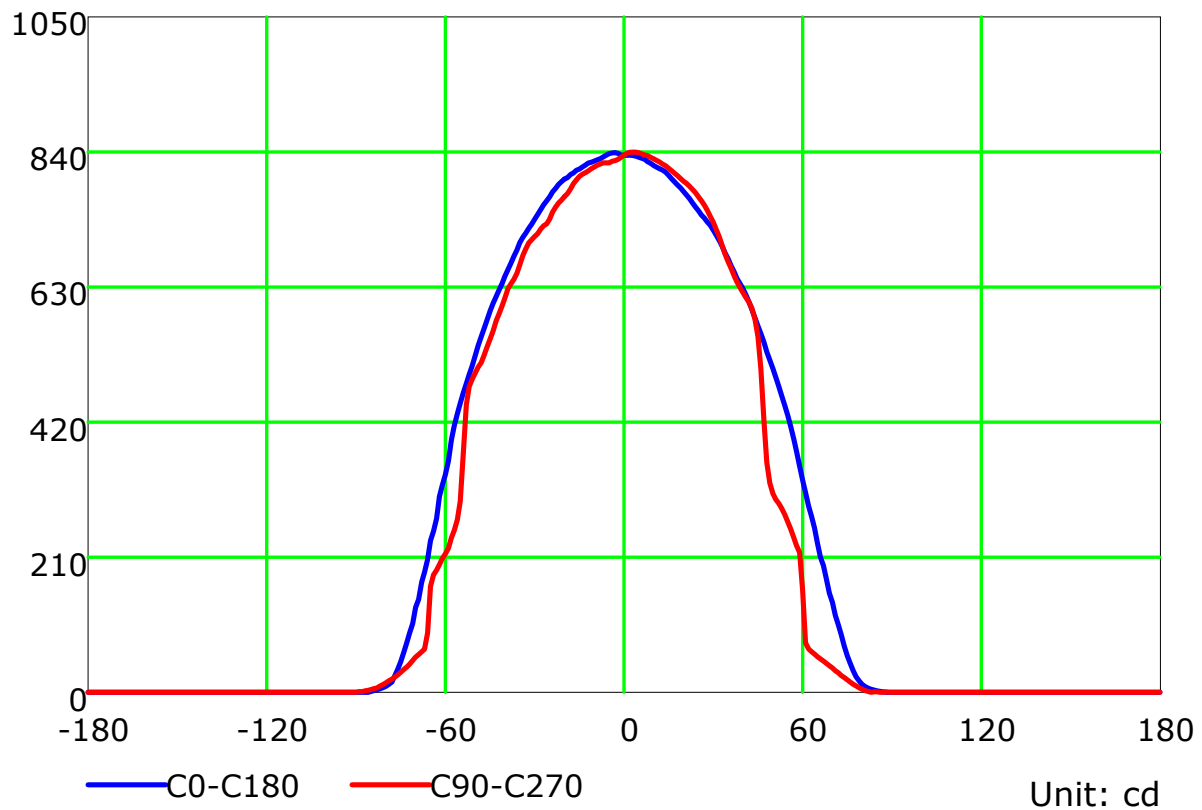
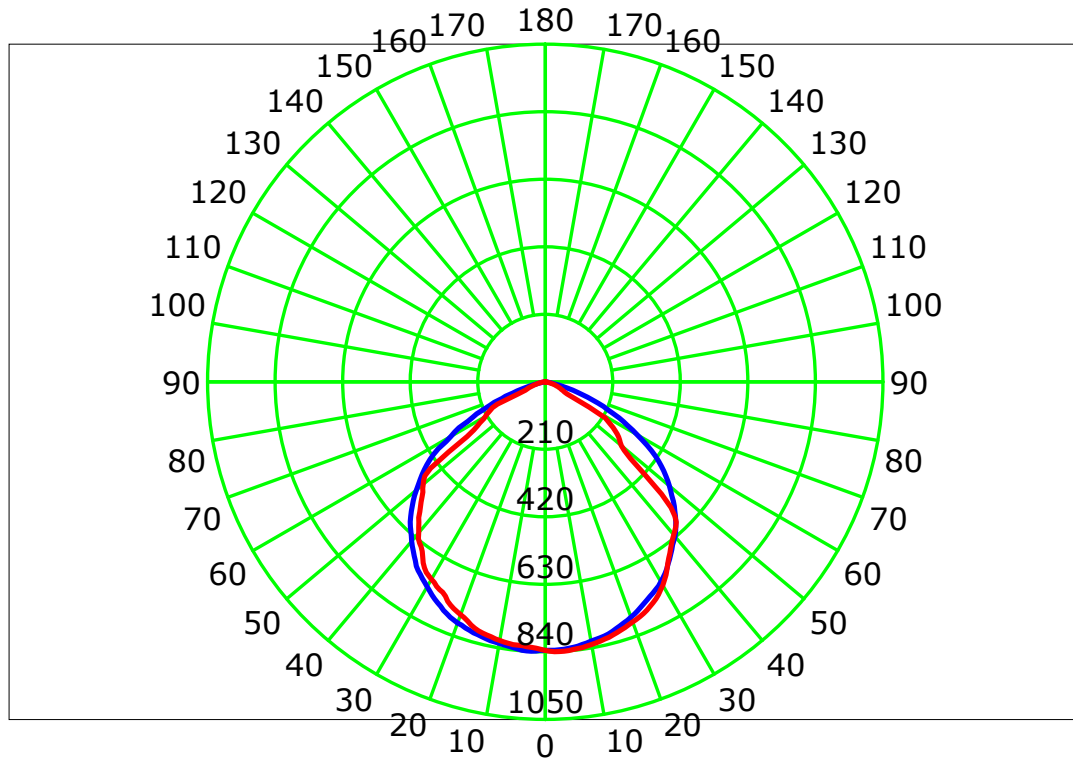
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

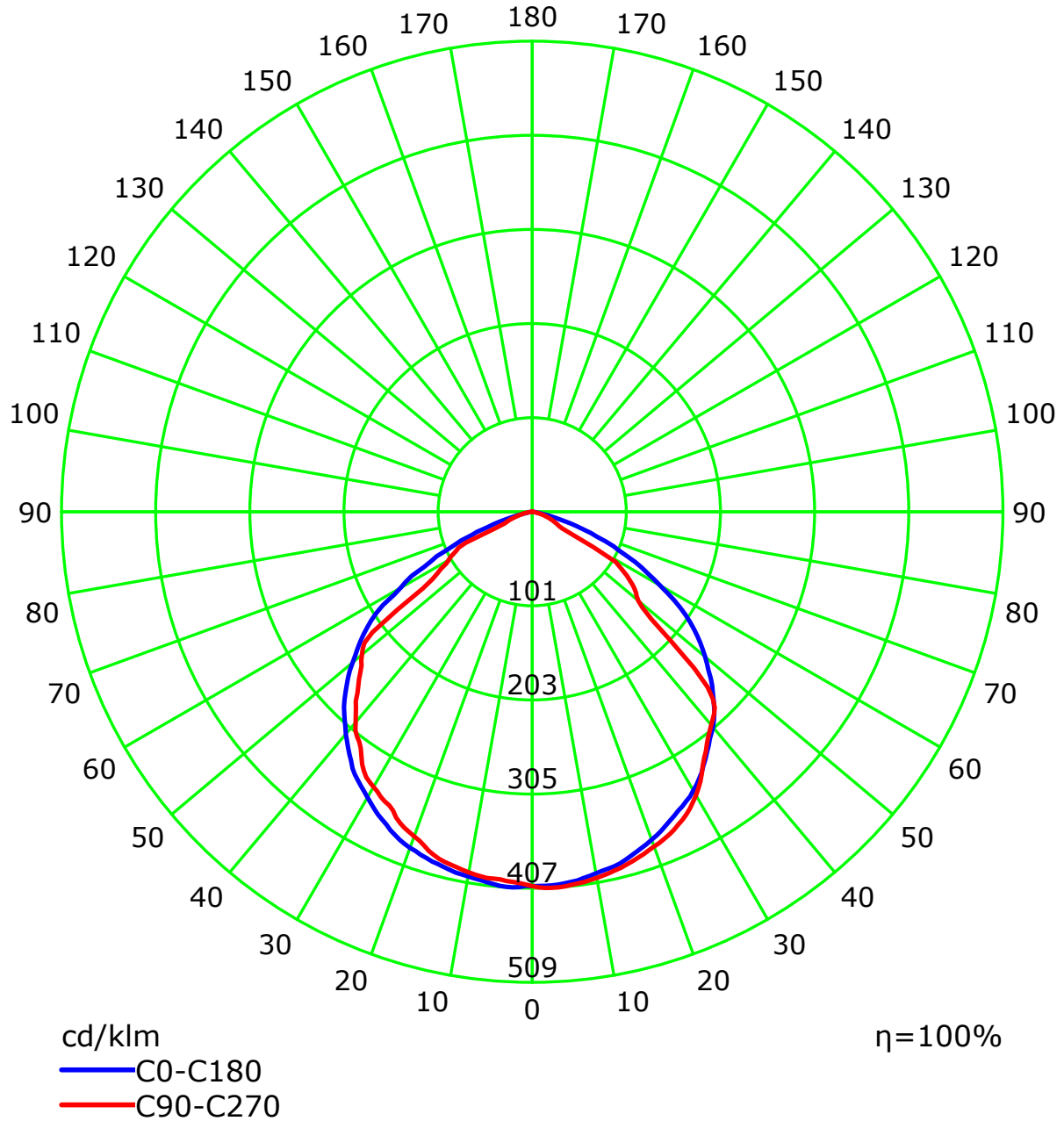
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

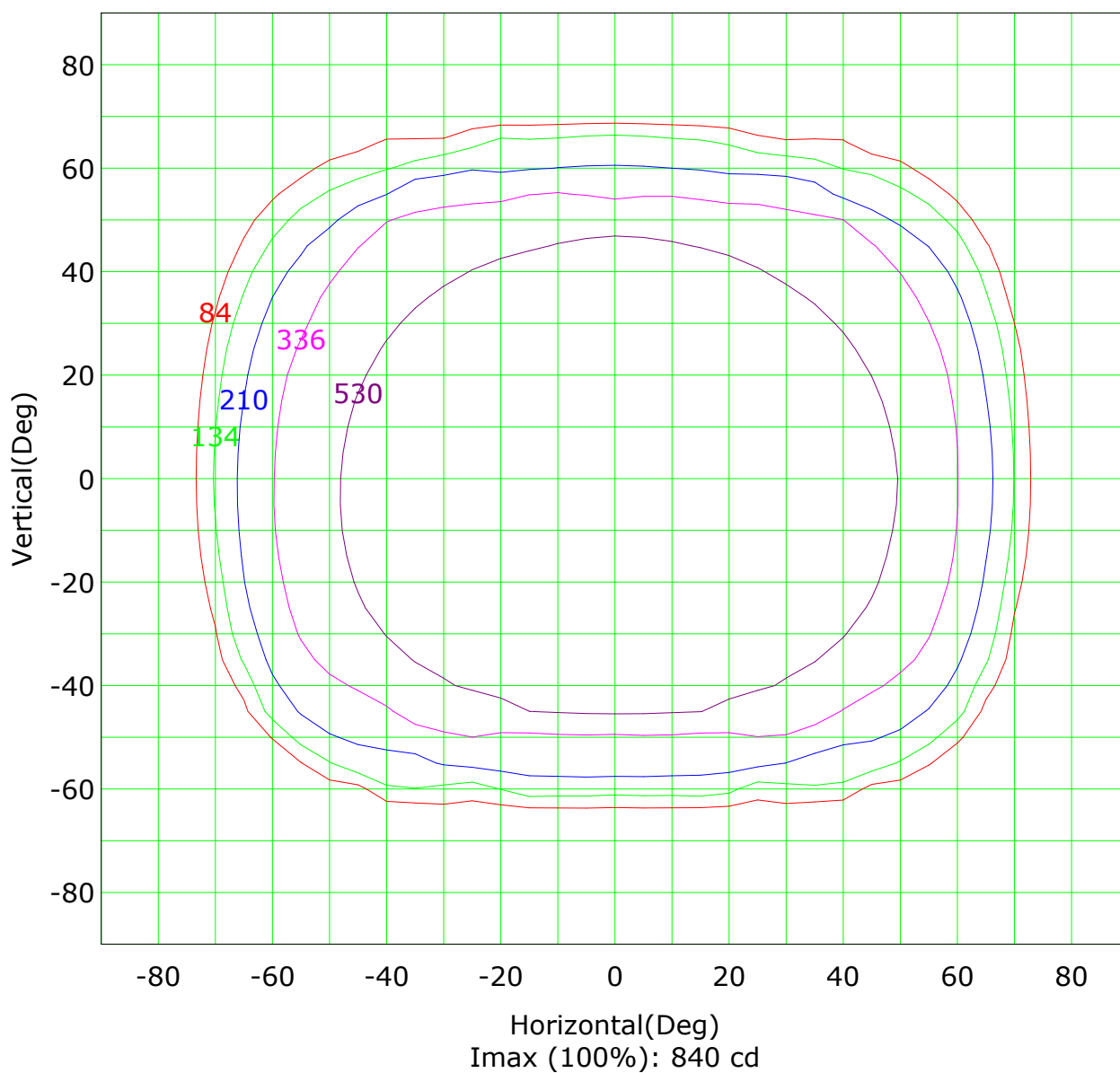
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 '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)

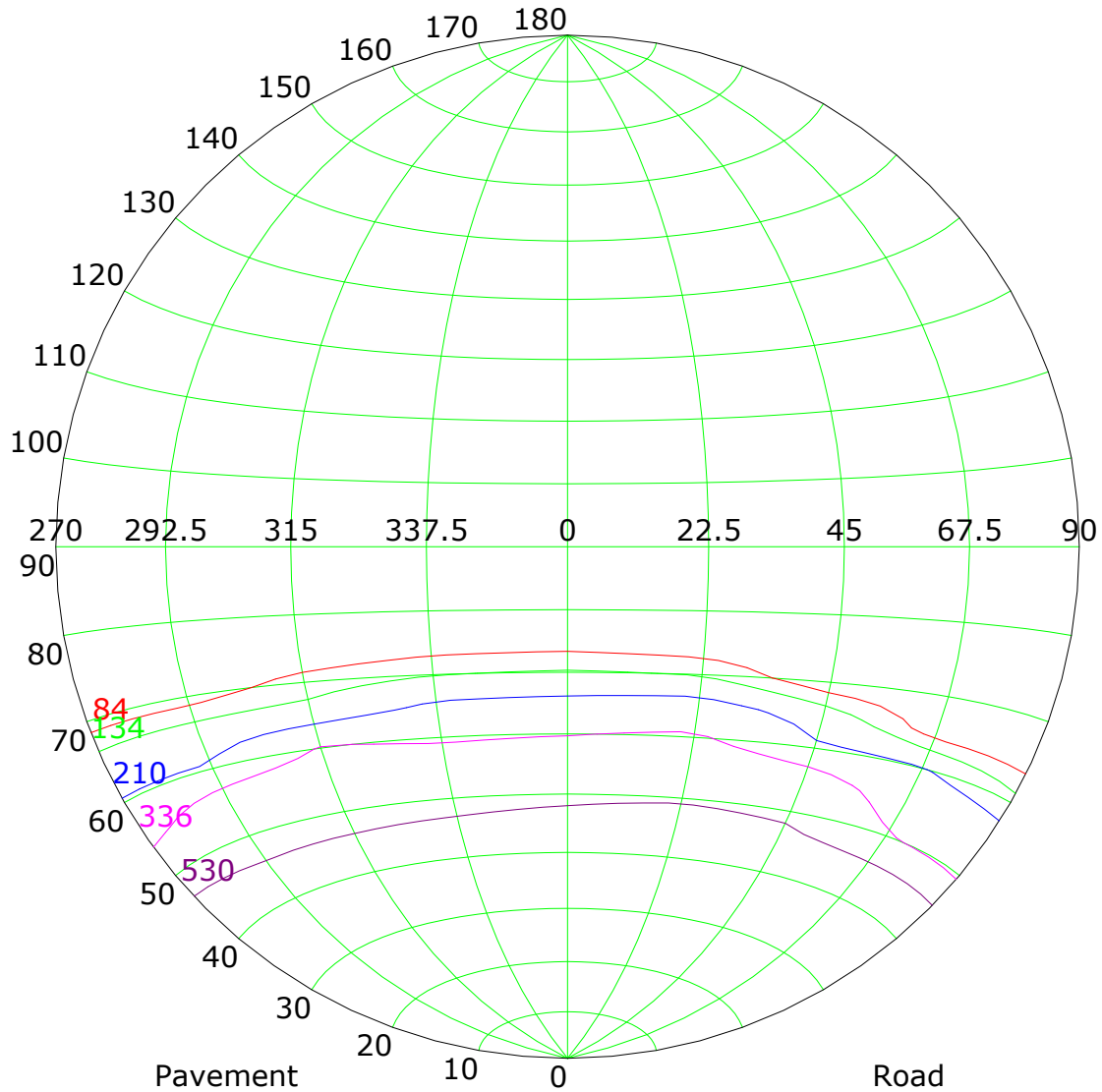


(10%): 84 cd	(16%): 134 cd
(25%): 210 cd	(40%): 336 cd
(63%): 530 cd	(100%): 840 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 '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%): 840 cd

(10%): 84 cd	(16%): 134 cd
(25%): 210 cd	(40%): 336 cd
(63%): 530 cd	(100%): 840 cd

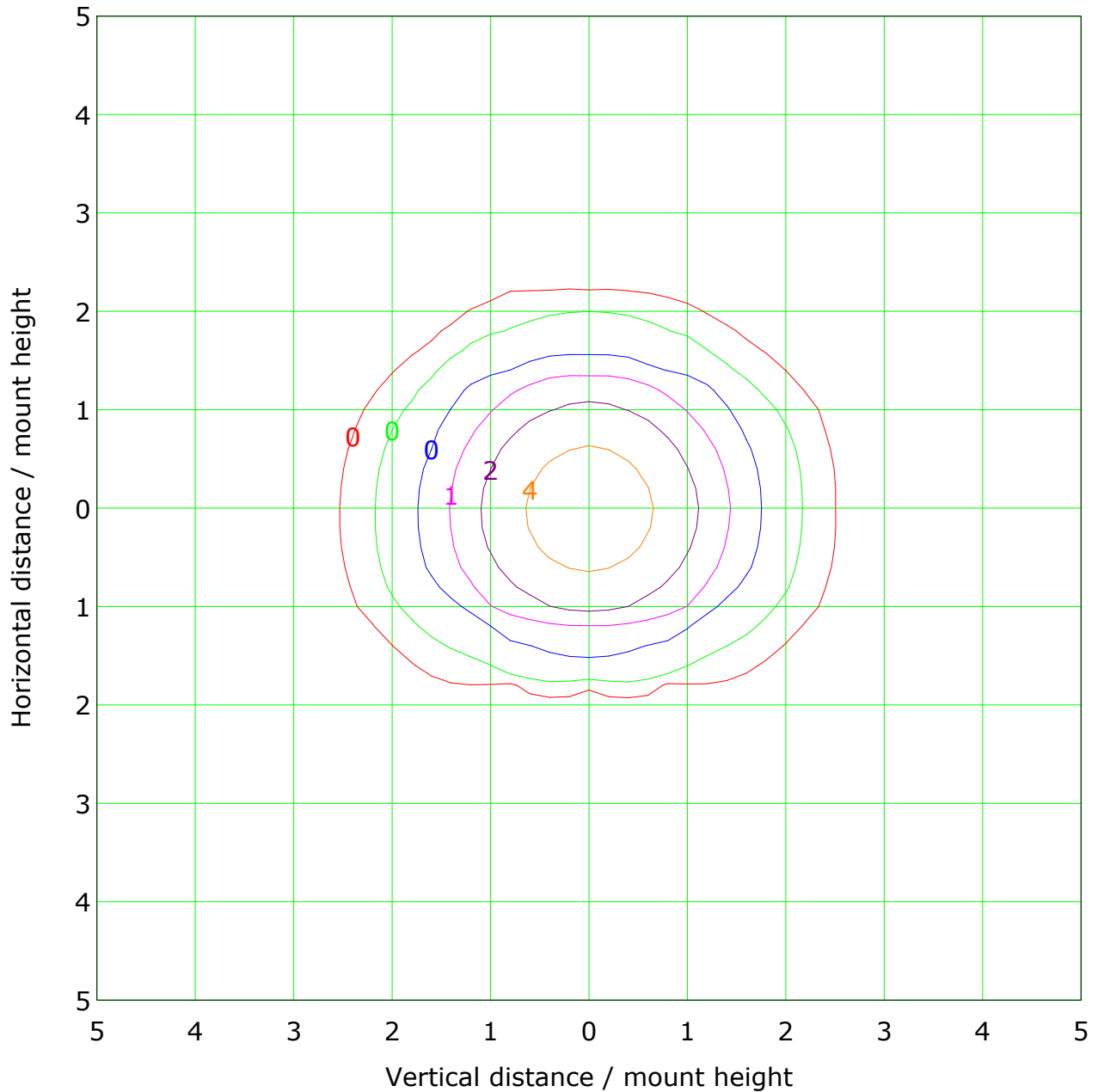
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 7.958 cd/klm
Max.80-90: 7.958 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 '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%): 8.4 lx

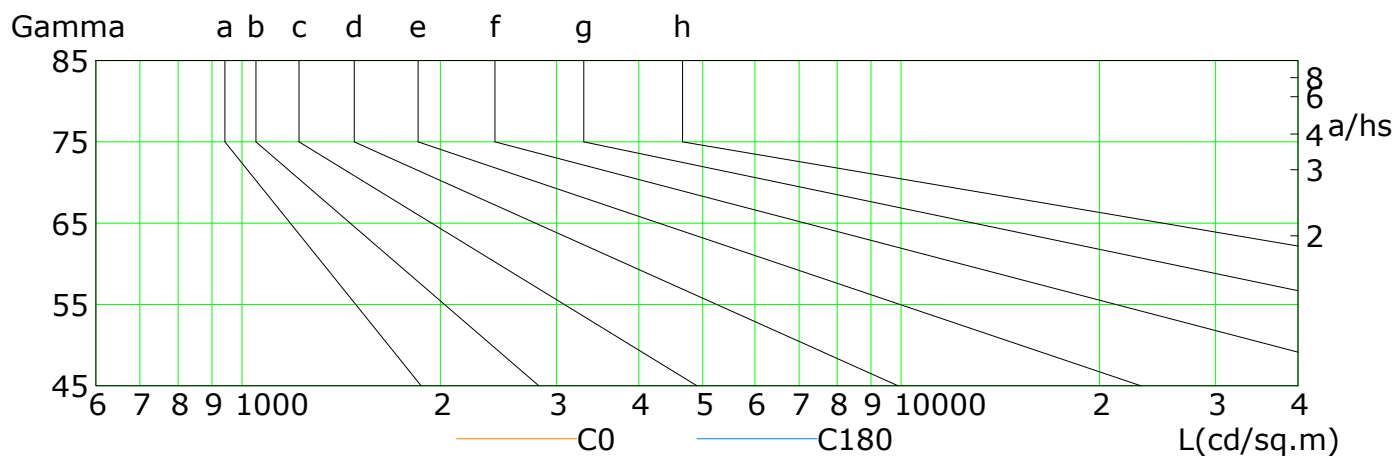
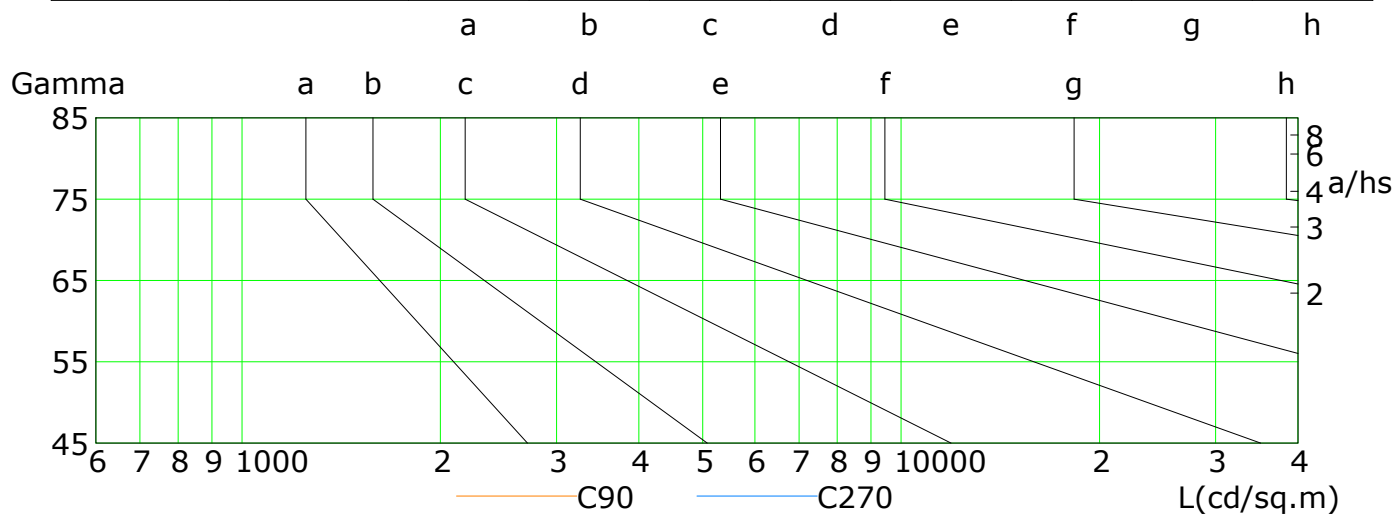
— (1%): 0.1 lx	— (2%): 0.2 lx
— (5%): 0.4 lx	— (10%): 0.8 lx
— (20%): 1.7 lx	— (50%): 4.2 lx
— (100%): 8.4 lx	

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 °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	570	504	431	330	231	140	57	12	2
C90	553	309	265	158	55	38	20	5	1
C180	593	524	450	339	236	132	48	9	1
C270	549	496	297	216	165	55	31	15	4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

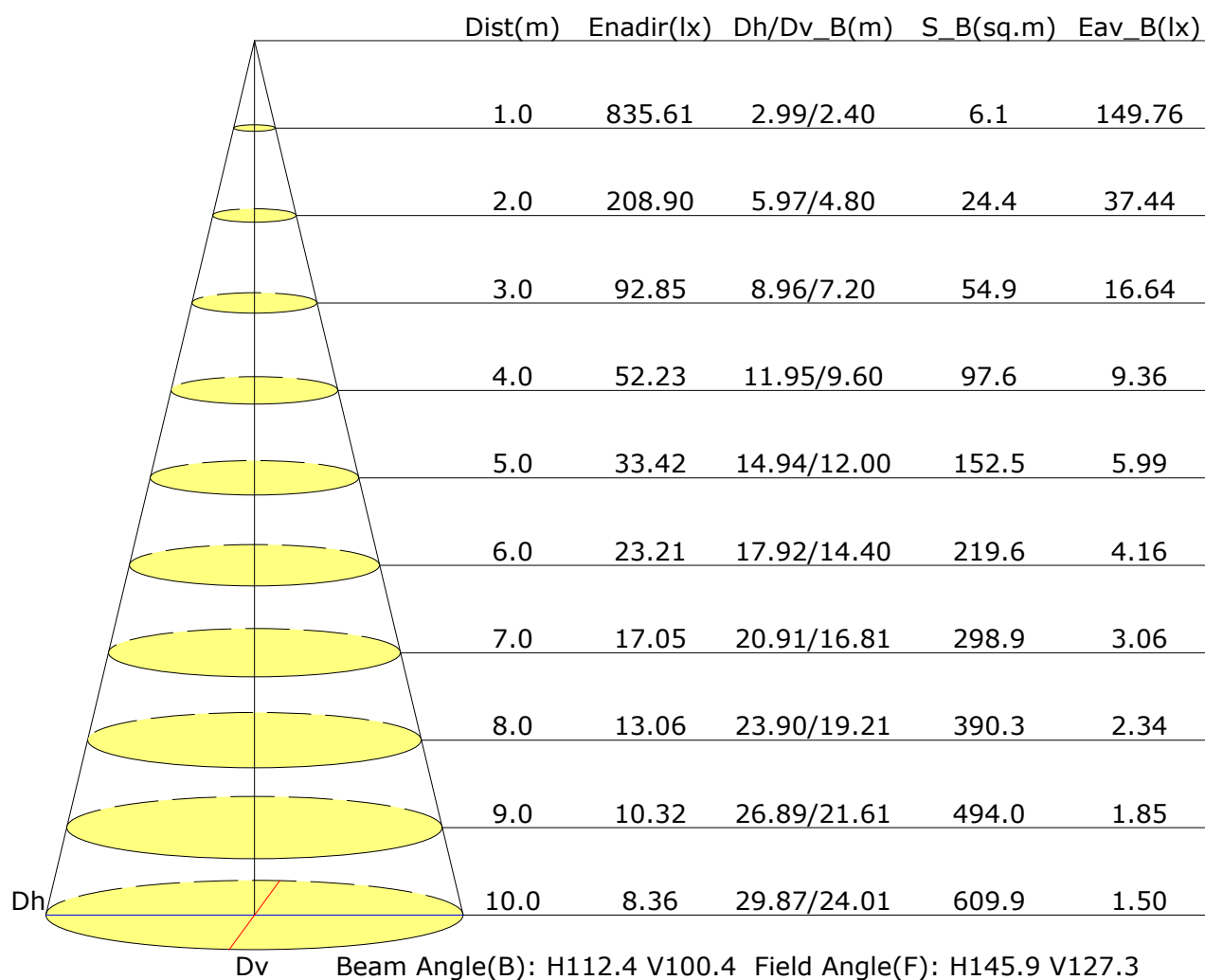
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

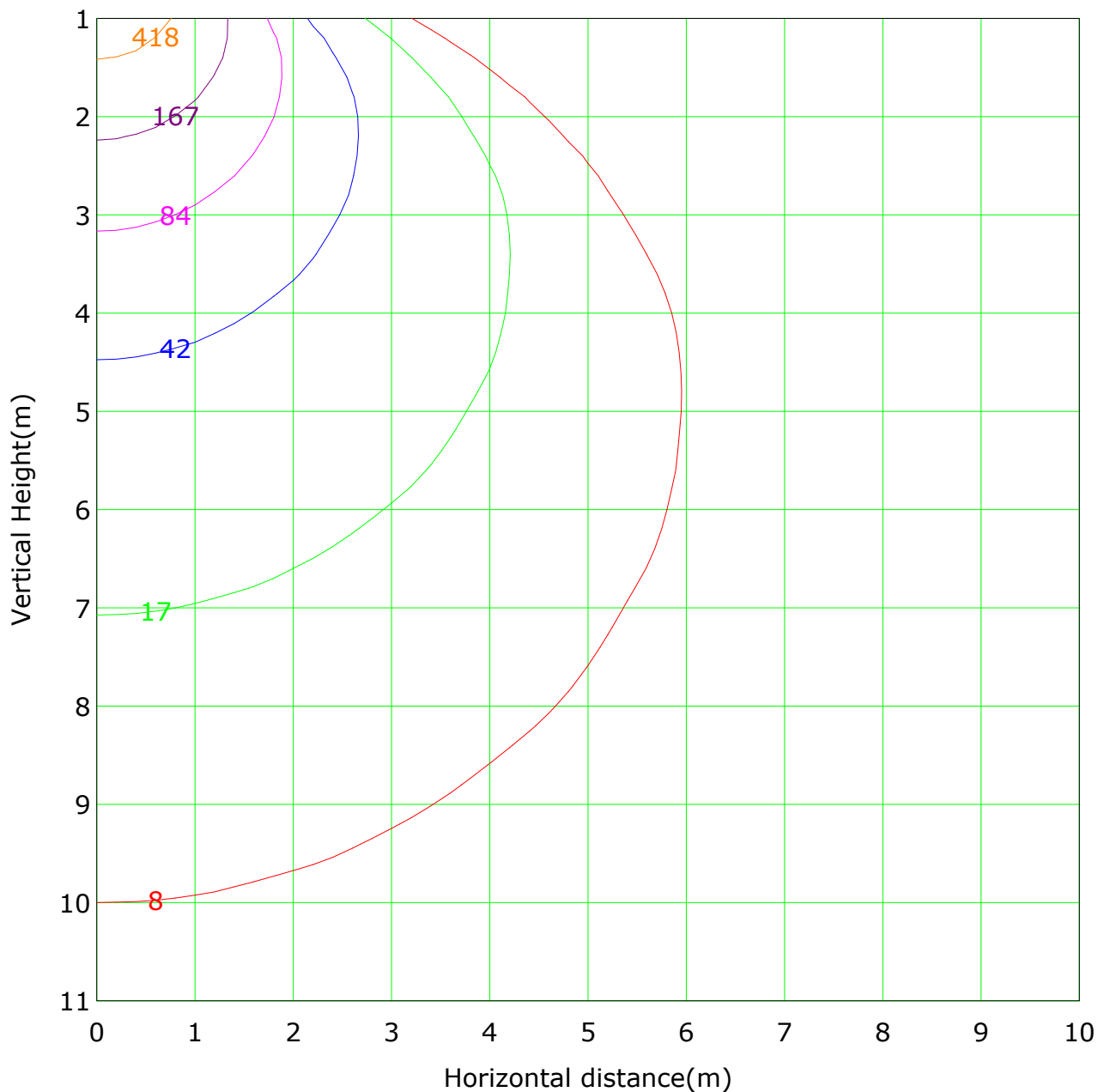
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.7 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

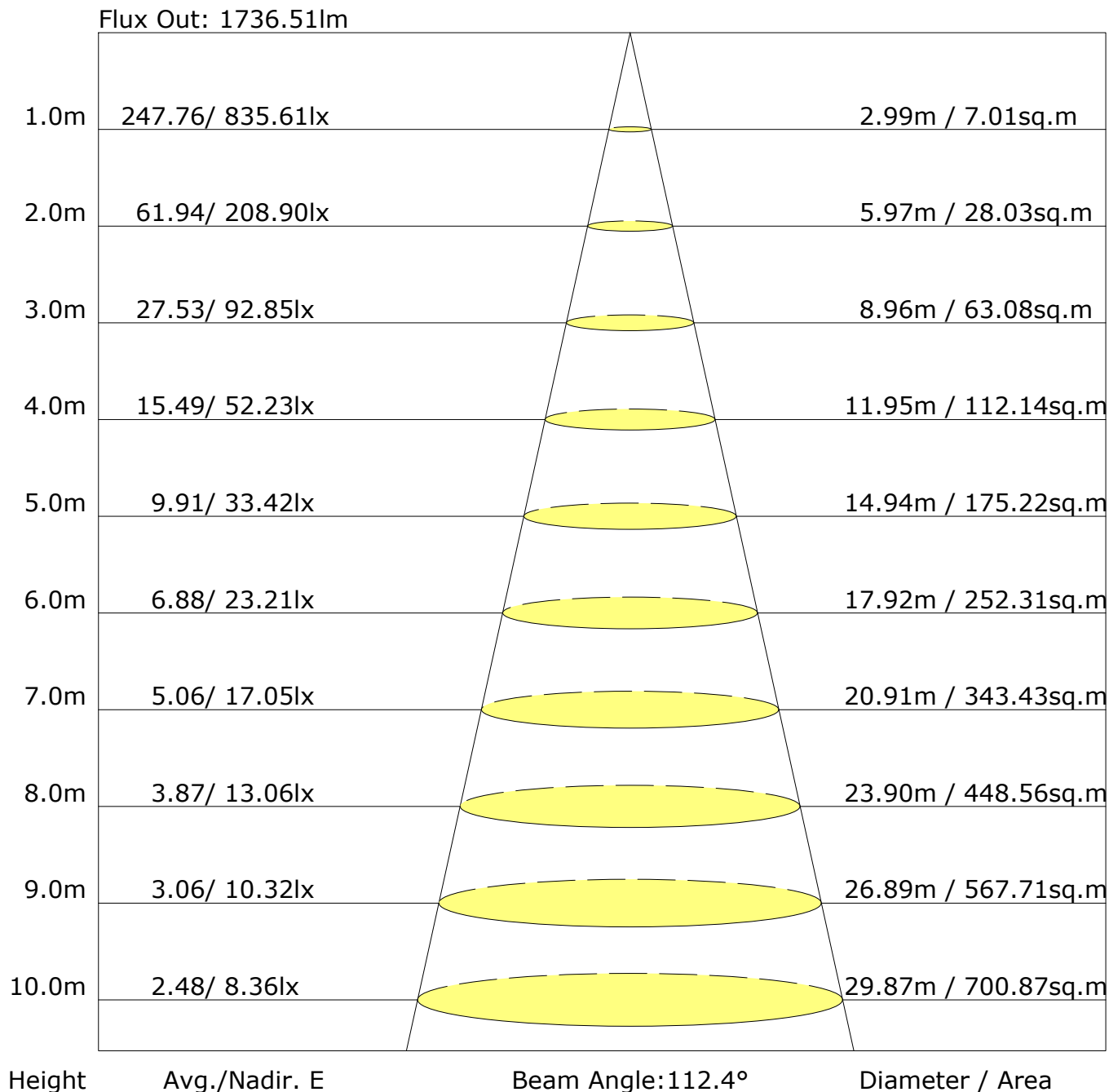
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 835.6 lx

(1%): 8.4 lx	(2%): 16.7 lx
(5%): 41.8 lx	(10%): 83.6 lx
(20%): 167.1 lx	(50%): 417.8 lx
(100%): 835.6 lx	

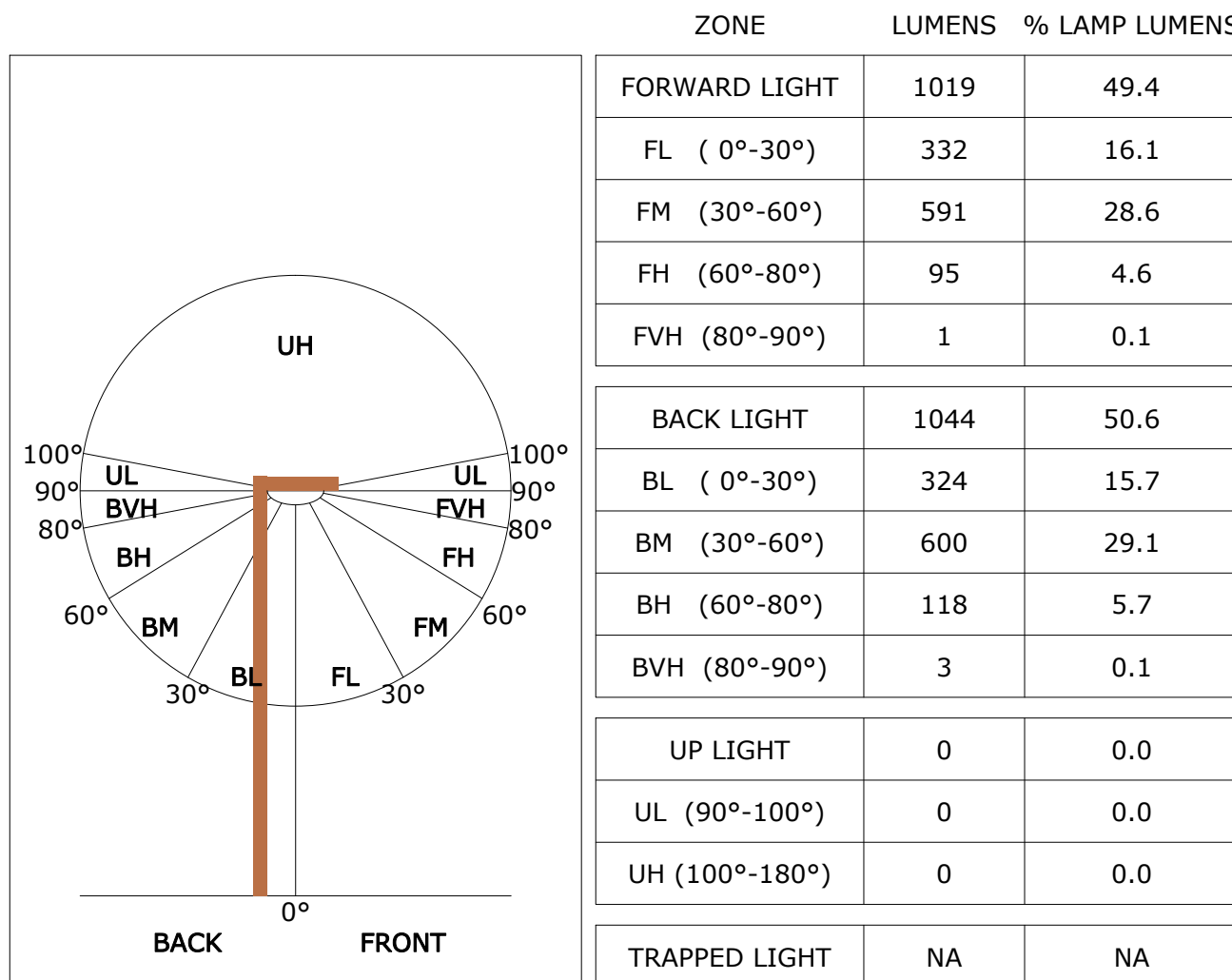
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.7 '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)	B1 U0 G1
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: 25.7 '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	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6	835.6
G1.0	835.4	835.7	835.9	834.5	838.5	836.5	835.5	836.5	835.3	835.5
G2.0	835.6	835.5	837.0	835.0	840.1	836.6	835.6	837.0	838.3	835.5
G3.0	835.1	834.3	838.4	835.2	840.5	836.0	835.9	837.8	839.6	835.5
G4.0	834.2	833.8	838.6	835.5	840.3	835.9	836.7	839.0	839.2	835.1
G5.0	832.5	833.1	839.4	836.0	839.3	836.2	835.9	838.7	838.2	833.1
G6.0	830.9	832.1	839.8	835.9	837.5	835.5	835.0	837.6	835.6	831.8
G7.0	829.1	831.4	838.6	836.0	835.8	835.0	835.5	837.2	832.9	830.2
G8.0	825.5	829.6	836.6	834.7	834.8	833.8	833.8	833.8	830.3	828.7
G9.0	823.0	826.9	834.8	832.3	832.2	833.3	832.4	831.0	828.5	825.1
G10.0	819.5	825.0	832.7	829.1	829.9	830.8	831.4	828.6	826.4	823.1
G11.0	816.9	823.8	830.7	826.1	827.4	828.7	830.1	826.3	824.7	818.7
G12.0	814.5	820.5	828.8	823.2	824.9	825.7	828.6	824.9	823.4	815.4
G13.0	812.5	819.6	827.0	819.3	821.6	822.2	826.7	822.8	820.2	811.7
G14.0	809.1	817.7	824.4	816.8	819.2	819.4	823.8	822.4	817.3	809.4
G15.0	804.3	814.7	821.9	813.5	815.1	815.8	820.8	820.6	814.1	805.4
G16.0	799.1	811.2	818.5	810.5	811.4	813.0	817.2	817.0	812.3	801.1
G17.0	794.1	807.7	814.4	806.7	807.5	810.4	812.7	813.3	808.1	795.2
G18.0	789.3	803.9	810.4	802.7	803.8	806.6	808.1	809.8	805.5	790.6
G19.0	784.7	798.6	806.0	798.6	799.2	801.9	803.8	805.0	800.8	785.7
G20.0	779.2	794.2	799.8	793.5	795.1	796.1	799.0	800.4	798.5	779.9
G21.0	774.0	790.0	794.4	786.5	791.8	789.7	793.4	795.8	794.5	775.8
G22.0	768.2	785.1	788.6	782.1	787.3	782.2	788.6	791.4	790.0	771.7
G23.0	761.6	780.0	782.6	776.2	782.7	776.4	783.0	786.7	784.2	765.6
G24.0	755.2	774.6	777.7	769.6	777.4	770.3	776.7	780.8	778.6	759.1
G25.0	749.2	769.0	771.6	763.5	770.8	763.5	769.8	774.6	770.6	752.2
G26.0	742.9	762.7	766.0	756.8	765.0	756.7	763.5	768.0	764.6	745.8
G27.0	737.9	756.9	759.7	749.8	758.0	749.9	757.5	761.4	758.5	740.1
G28.0	731.9	750.2	753.6	743.1	749.9	743.0	751.0	755.2	751.3	733.6
G29.0	726.7	743.5	746.3	736.9	740.3	735.1	744.5	747.4	743.5	725.7
G30.0	718.8	735.5	736.9	728.4	731.0	727.2	737.1	739.3	735.9	717.8
G31.0	711.5	727.4	727.6	720.9	720.2	718.7	726.5	731.7	728.7	709.3
G32.0	702.9	719.7	718.0	712.6	708.6	710.2	716.4	724.2	721.9	702.2
G33.0	694.0	710.5	709.9	703.4	695.2	701.5	705.1	716.8	714.7	693.3
G34.0	683.3	703.3	700.3	693.3	681.4	692.6	696.8	709.4	708.0	684.8
G35.0	674.1	693.6	690.8	682.1	669.5	680.8	687.3	701.7	699.8	675.5
G36.0	663.6	683.5	680.7	672.0	659.5	667.8	675.8	692.4	688.1	667.2

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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	654.1	672.3	672.0	658.3	647.9	653.8	666.6	682.7	678.4	657.8
G38.0	643.7	662.5	661.3	644.6	638.2	641.1	655.6	673.3	667.8	648.5
G39.0	635.6	651.8	650.6	632.5	629.5	628.2	643.5	664.0	657.7	636.8
G40.0	627.5	641.7	639.6	621.3	621.6	615.9	633.3	653.1	647.4	624.3
G41.0	617.9	631.4	626.5	610.0	614.0	604.7	621.6	640.2	635.8	612.5
G42.0	607.1	622.7	614.7	600.9	606.8	594.9	609.3	627.8	625.7	601.5
G43.0	595.3	612.9	600.1	591.5	597.3	586.7	594.4	612.6	615.7	589.0
G44.0	582.8	602.0	585.5	581.6	580.5	577.8	581.3	600.9	605.0	577.9
G45.0	569.7	589.6	569.8	570.8	553.1	569.7	568.3	588.9	592.8	567.2
G46.0	558.1	575.8	554.1	557.4	503.0	558.4	553.2	575.4	579.8	556.1
G47.0	544.9	561.3	540.2	536.0	423.5	539.7	539.8	564.1	566.1	542.8
G48.0	529.6	546.7	526.4	488.5	357.6	498.8	525.2	550.1	553.3	529.7
G49.0	516.6	532.0	516.2	408.0	325.5	429.8	513.0	538.0	539.6	514.6
G50.0	503.9	517.5	504.3	343.5	309.4	356.5	499.8	521.5	523.5	501.2
G51.0	490.3	503.2	493.4	309.3	300.0	314.6	488.3	504.3	508.3	489.0
G52.0	476.0	487.1	481.7	291.7	293.8	290.2	476.3	487.3	494.6	475.7
G53.0	461.5	473.4	468.9	281.5	286.2	279.8	464.7	473.3	480.3	462.3
G54.0	446.5	459.3	450.9	273.0	276.7	269.4	449.8	459.6	465.8	449.4
G55.0	430.7	443.7	418.0	264.6	265.3	259.6	426.1	444.4	449.8	434.6
G56.0	413.8	429.5	355.9	255.5	254.3	251.6	380.3	428.8	433.6	417.2
G57.0	394.8	413.0	285.8	246.2	241.0	243.8	314.9	410.6	415.2	402.2
G58.0	374.5	395.1	250.3	235.9	228.2	234.6	257.5	392.6	393.2	386.4
G59.0	351.8	376.6	232.5	225.6	217.7	220.6	229.2	375.4	359.9	371.9
G60.0	330.1	356.1	222.0	214.5	158.1	207.8	214.0	349.1	338.7	346.3
G61.0	310.9	327.8	213.9	204.2	77.0	200.1	204.3	324.7	323.2	316.8
G62.0	289.9	304.7	204.4	133.6	67.6	149.2	195.5	303.7	304.9	300.9
G63.0	274.3	282.6	193.4	67.9	63.4	69.4	186.1	278.7	270.4	286.4
G64.0	255.7	260.3	184.1	61.5	59.7	61.6	174.2	256.6	250.7	262.5
G65.0	231.4	244.7	171.5	57.3	55.5	57.8	165.0	240.9	235.9	235.2
G66.0	210.3	231.4	159.1	53.5	52.1	53.3	149.6	218.7	206.9	220.9
G67.0	197.2	204.9	144.9	50.4	48.7	49.9	132.5	195.2	187.1	198.1
G68.0	176.6	186.5	111.9	46.5	45.3	46.7	111.3	181.0	171.4	175.2
G69.0	154.2	167.3	48.2	43.6	41.4	43.1	49.2	162.5	144.7	161.7
G70.0	140.1	131.1	43.7	39.1	37.9	39.0	42.4	138.7	132.2	136.3
G71.0	119.8	94.3	40.0	35.7	33.8	36.0	38.1	103.6	107.1	124.8
G72.0	104.9	74.4	35.9	31.9	30.5	31.8	34.9	74.9	92.8	104.0
G73.0	89.7	62.1	33.0	28.3	26.3	28.4	31.0	60.4	77.2	84.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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	71.9	52.5	28.7	24.8	22.9	24.9	27.6	50.5	62.1	56.3
G75.0	56.9	42.7	25.1	20.8	19.6	20.6	23.7	40.3	47.8	43.6
G76.0	45.2	32.5	21.6	17.9	16.1	17.3	20.1	31.7	36.1	35.4
G77.0	33.4	25.9	18.0	14.7	12.5	14.1	16.8	23.0	25.8	28.1
G78.0	24.2	18.5	14.5	11.5	10.2	10.7	13.3	17.3	16.1	19.4
G79.0	17.8	14.6	11.7	8.9	7.0	7.9	10.8	14.5	12.6	14.9
G80.0	12.3	11.2	9.0	6.6	5.0	6.1	7.6	11.0	9.4	11.9
G81.0	9.1	8.9	6.5	3.8	2.8	4.7	5.3	8.4	7.4	8.5
G82.0	6.7	5.4	4.7	2.5	1.2	2.8	4.0	6.5	5.7	6.0
G83.0	4.9	4.5	2.8	1.0	0.0	1.8	2.2	4.8	4.0	5.2
G84.0	3.6	2.8	1.7	1.0	0.9	1.4	1.7	2.8	2.8	3.3
G85.0	2.4	2.1	1.2	1.2	0.8	1.3	1.0	2.3	1.4	2.0
G86.0	1.5	1.1	1.1	0.7	0.0	1.2	1.2	1.9	0.0	1.1
G87.0	0.9	1.2	1.2	0.9	0.0	1.4	0.8	1.4	0.0	0.8
G88.0	0.0	0.0	0.0	0.0	0.7	1.2	1.2	1.1	0.0	0.0
G89.0	0.0	0.8	0.9	0.0	0.0	1.4	0.0	1.5	0.0	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: 25.7 '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: 25.7 '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: 25.7 '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	835.6	835.6	835.6	835.6	835.6	835.6	835.6			
G1.0	834.5	834.9	832.4	834.9	834.1	834.4	835.4			
G2.0	834.5	834.9	829.1	833.7	833.0	832.8	835.6			
G3.0	835.2	834.6	827.2	833.1	831.9	831.4	835.1			
G4.0	835.4	832.0	826.3	831.0	829.8	831.0	834.2			
G5.0	834.4	830.4	823.7	829.0	828.3	831.0	832.5			
G6.0	831.8	829.6	823.6	826.6	827.8	829.7	830.9			
G7.0	829.8	829.0	823.7	826.2	825.8	828.4	829.1			
G8.0	827.5	826.9	821.9	823.5	823.0	825.7	825.5			
G9.0	823.9	823.6	819.9	819.9	820.6	823.6	823.0			
G10.0	820.3	820.9	817.2	817.0	818.9	820.2	819.5			
G11.0	817.1	817.5	814.6	813.4	814.9	816.4	816.9			
G12.0	815.0	813.2	811.3	810.1	811.9	812.9	814.5			
G13.0	811.7	809.2	808.5	806.1	808.7	811.1	812.5			
G14.0	807.5	805.1	806.0	800.4	804.3	808.9	809.1			
G15.0	802.2	802.0	802.4	797.6	798.9	805.6	804.3			
G16.0	797.6	798.0	797.4	793.1	793.7	801.6	799.1			
G17.0	792.2	792.5	791.4	788.0	788.5	796.6	794.1			
G18.0	788.2	787.2	783.0	781.7	783.8	789.3	789.3			
G19.0	783.2	781.0	775.9	775.5	778.4	782.8	784.7			
G20.0	776.0	772.6	771.0	769.8	771.7	775.7	779.2			
G21.0	768.5	767.1	765.9	763.0	767.0	770.4	774.0			
G22.0	762.5	759.2	761.1	757.0	759.8	765.6	768.2			
G23.0	755.7	752.2	755.0	748.6	751.5	757.7	761.6			
G24.0	749.7	746.4	747.3	741.9	744.3	751.6	755.2			
G25.0	740.8	740.1	736.0	735.5	738.2	746.1	749.2			
G26.0	733.0	733.3	728.9	729.0	729.9	739.5	742.9			
G27.0	725.3	726.5	725.8	721.1	723.0	731.8	737.9			
G28.0	717.5	719.7	720.8	713.6	715.8	723.6	731.9			
G29.0	708.6	713.7	713.6	706.5	707.6	715.4	726.7			
G30.0	700.7	706.5	709.2	697.7	698.0	708.6	718.8			
G31.0	692.1	698.4	704.4	688.2	690.7	700.8	711.5			
G32.0	683.1	689.5	699.1	679.3	680.3	692.5	702.9			
G33.0	671.7	680.4	690.3	670.6	670.6	682.0	694.0			
G34.0	663.8	671.9	679.6	663.5	661.7	672.5	683.3			
G35.0	654.4	662.1	665.1	655.4	653.0	664.1	674.1			
G36.0	644.3	651.4	652.0	646.4	643.0	656.9	663.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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	634.9	639.5	642.5	634.8	633.4	645.9	654.1			
G38.0	626.4	628.8	635.7	624.2	623.3	634.5	643.7			
G39.0	616.6	617.5	627.6	612.5	614.1	623.5	635.6			
G40.0	605.8	606.9	613.5	601.0	604.3	614.0	627.5			
G41.0	596.0	596.3	600.8	587.9	594.3	604.6	617.9			
G42.0	585.5	584.6	588.6	576.6	584.0	594.9	607.1			
G43.0	573.0	571.7	577.7	564.7	572.6	582.6	595.3			
G44.0	561.9	560.5	562.0	553.3	560.9	569.6	582.8			
G45.0	550.5	548.7	549.4	540.8	547.8	555.9	569.7			
G46.0	538.9	535.2	537.8	528.8	536.5	542.8	558.1			
G47.0	527.6	524.4	524.5	517.3	522.3	530.4	544.9			
G48.0	512.9	514.1	512.9	507.4	508.5	516.0	529.6			
G49.0	498.7	503.5	505.9	496.9	495.5	502.0	516.6			
G50.0	486.7	491.4	496.4	487.4	483.2	488.2	503.9			
G51.0	472.6	480.1	487.4	476.2	469.2	472.4	490.3			
G52.0	457.9	469.6	475.9	464.0	455.2	457.6	476.0			
G53.0	444.9	458.4	447.2	453.5	440.2	444.5	461.5			
G54.0	431.8	445.9	371.8	443.2	426.7	429.6	446.5			
G55.0	418.1	403.9	297.5	425.9	414.2	416.7	430.7			
G56.0	402.4	326.1	268.8	377.2	400.7	399.4	413.8			
G57.0	389.5	269.7	252.4	296.8	388.0	382.8	394.8			
G58.0	375.2	241.6	240.6	253.7	373.9	364.7	374.5			
G59.0	362.6	227.6	224.2	230.0	358.9	336.5	351.8			
G60.0	348.0	213.8	215.5	217.0	343.4	316.5	330.1			
G61.0	328.5	202.4	208.8	203.5	326.4	300.8	310.9			
G62.0	268.6	192.9	198.9	193.6	310.1	284.9	289.9			
G63.0	208.3	183.9	190.0	183.7	270.5	262.0	274.3			
G64.0	181.5	175.4	183.0	177.3	202.4	240.1	255.7			
G65.0	169.0	167.1	164.7	168.8	161.4	225.2	231.4			
G66.0	153.9	157.2	92.6	160.7	145.6	206.0	210.3			
G67.0	138.8	109.8	67.3	146.6	136.0	181.6	197.2			
G68.0	129.0	64.0	63.1	76.5	125.8	168.9	176.6			
G69.0	119.0	57.0	58.8	59.3	113.5	147.8	154.2			
G70.0	105.8	53.2	54.9	55.6	105.7	131.9	140.1			
G71.0	98.2	49.7	49.7	52.0	96.7	118.4	119.8			
G72.0	55.1	45.0	44.1	47.0	84.0	99.7	104.9			
G73.0	39.9	39.6	39.6	42.0	48.8	84.6	89.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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	35.9	35.3	35.4	37.5	36.2	70.9	71.9			
G75.0	32.6	31.1	31.2	33.9	32.3	52.0	56.9			
G76.0	28.2	28.1	27.3	28.9	29.2	34.1	45.2			
G77.0	24.1	24.3	23.8	26.1	24.8	27.0	33.4			
G78.0	20.3	20.5	20.5	22.3	21.1	20.6	24.2			
G79.0	16.4	17.5	18.0	19.3	17.8	15.7	17.8			
G80.0	13.8	14.7	14.8	16.4	14.4	12.5	12.3			
G81.0	11.4	11.8	12.1	13.0	11.4	10.0	9.1			
G82.0	8.5	9.6	9.8	11.2	9.1	7.7	6.7			
G83.0	6.3	7.4	6.8	8.4	7.1	6.3	4.9			
G84.0	4.4	5.1	6.0	6.7	5.0	4.6	3.6			
G85.0	3.1	4.1	4.3	4.8	4.2	3.3	2.4			
G86.0	2.4	3.2	3.0	4.3	2.7	3.0	1.5			
G87.0	1.5	2.1	2.4	2.9	2.1	1.6	0.9			
G88.0	1.0	0.8	1.2	1.7	1.7	1.3	0.0			
G89.0	1.0	0.9	1.2	1.7	1.5	1.0	0.0			
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: 25.7 '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: 25.7 '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: 25.7 'C

Operator:

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