

Report No.:

Test Time: 2020-8-26 15:53

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.133 A
Power Factor: 0.904

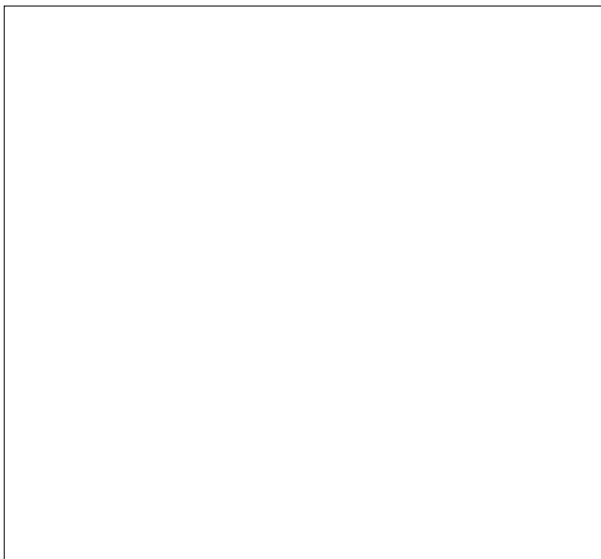
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 33.39 W

Photometric Results

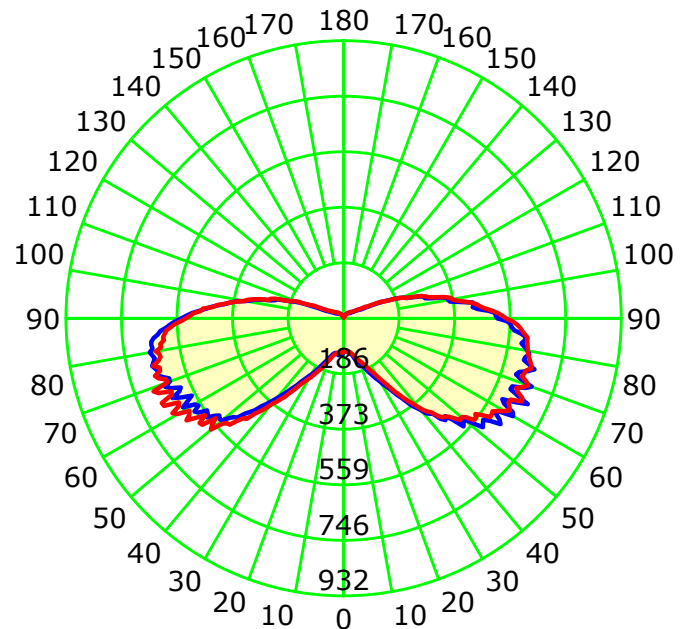
IES Classification: Type I
Total Rated Lamp Lumens: 4112.2 lm
Efficiency: 100%
Upward Ratio: 25%
C0r0 Intensity: 112.45 cd
Pos of Max. Intensity: H157.5 V65

Longitudinal Classification: Short
Measurement Flux: 4112.2 lm
Downward Ratio: 75%
Luminaire Efficacy Rating (LER): 123.21
Max. Intensity: 746.35 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



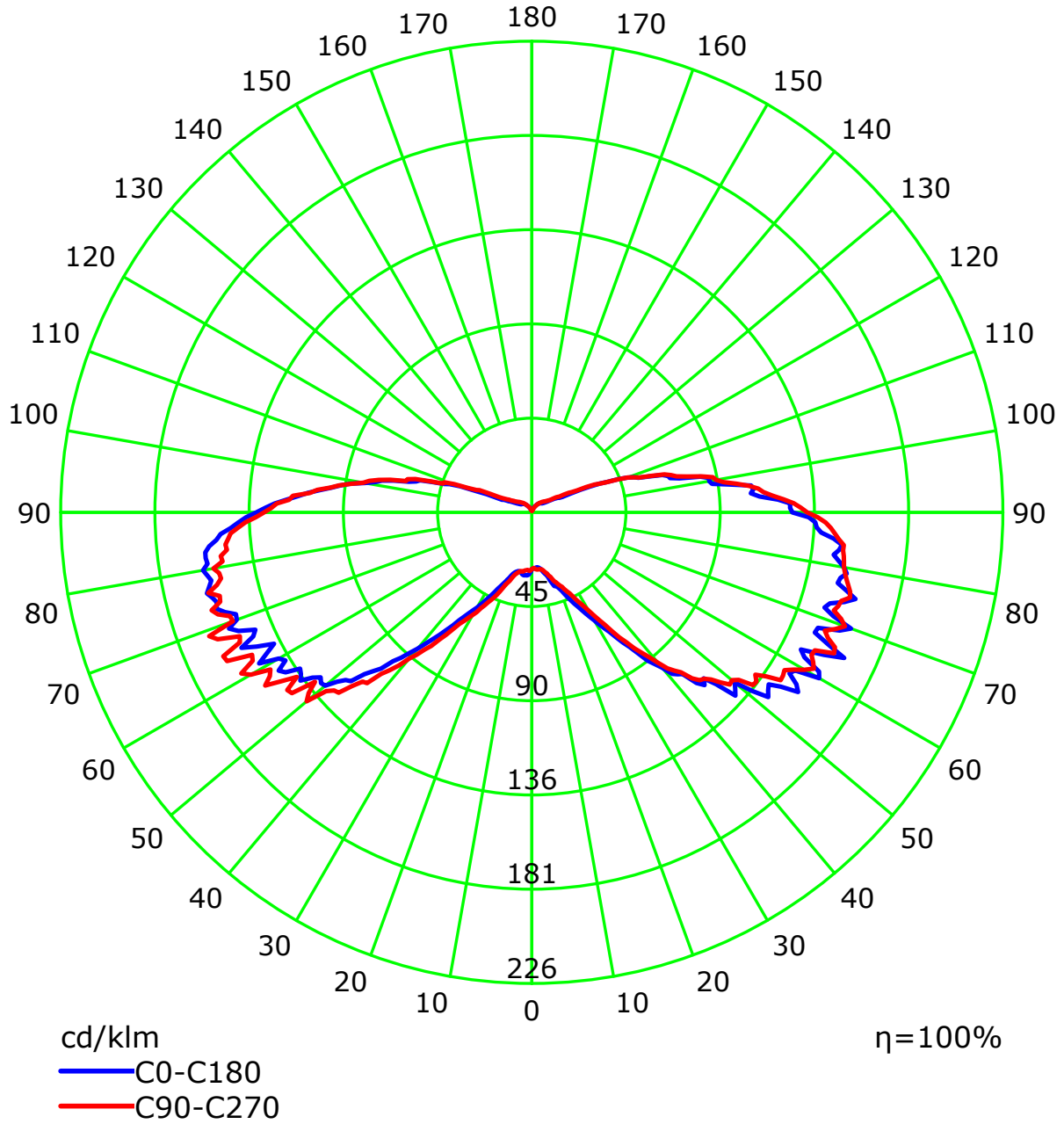
Unit: cd
Average Diffuse Angle(50%): 201.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 29.3 'C
Operator:

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

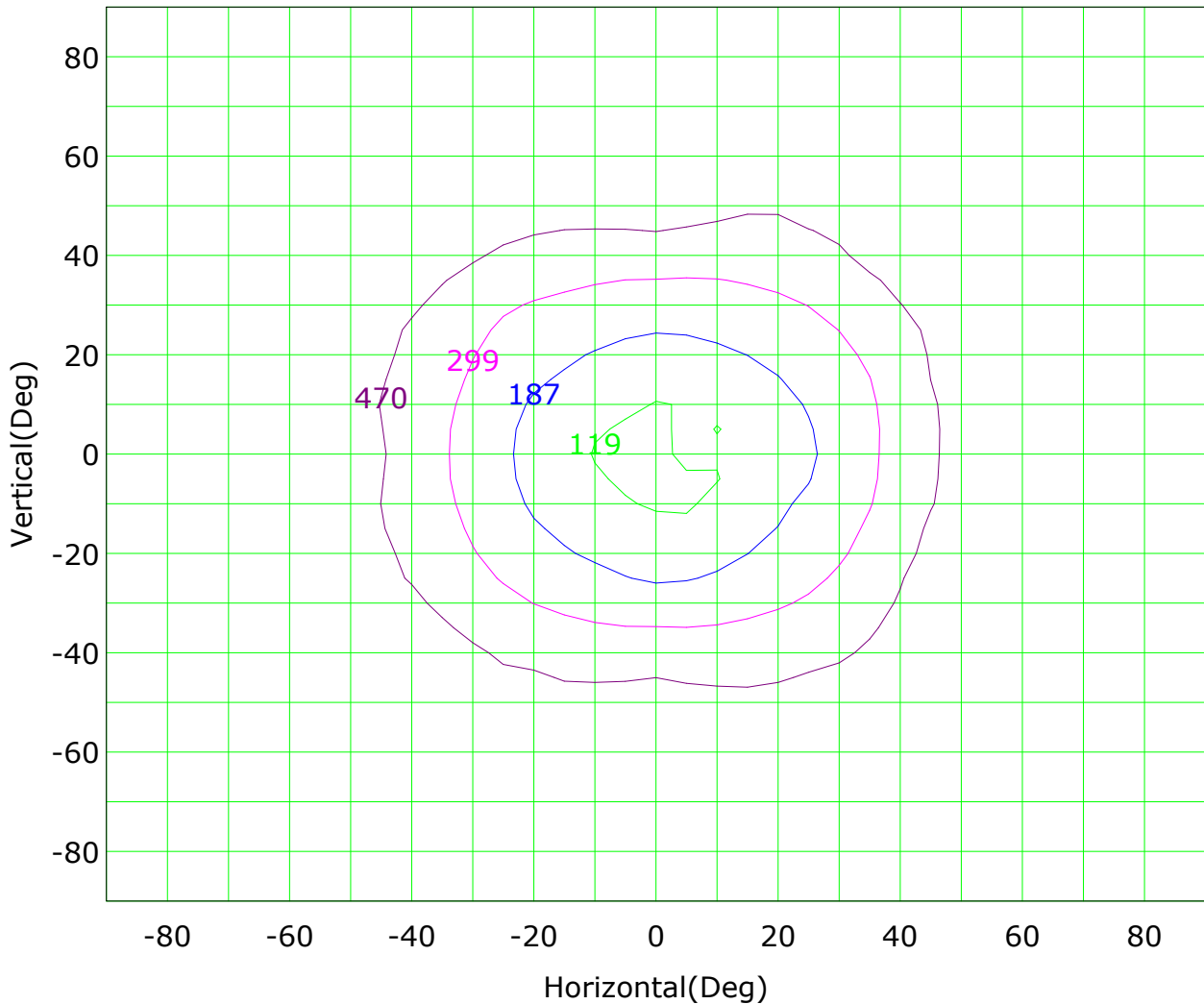
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 29.3 °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)



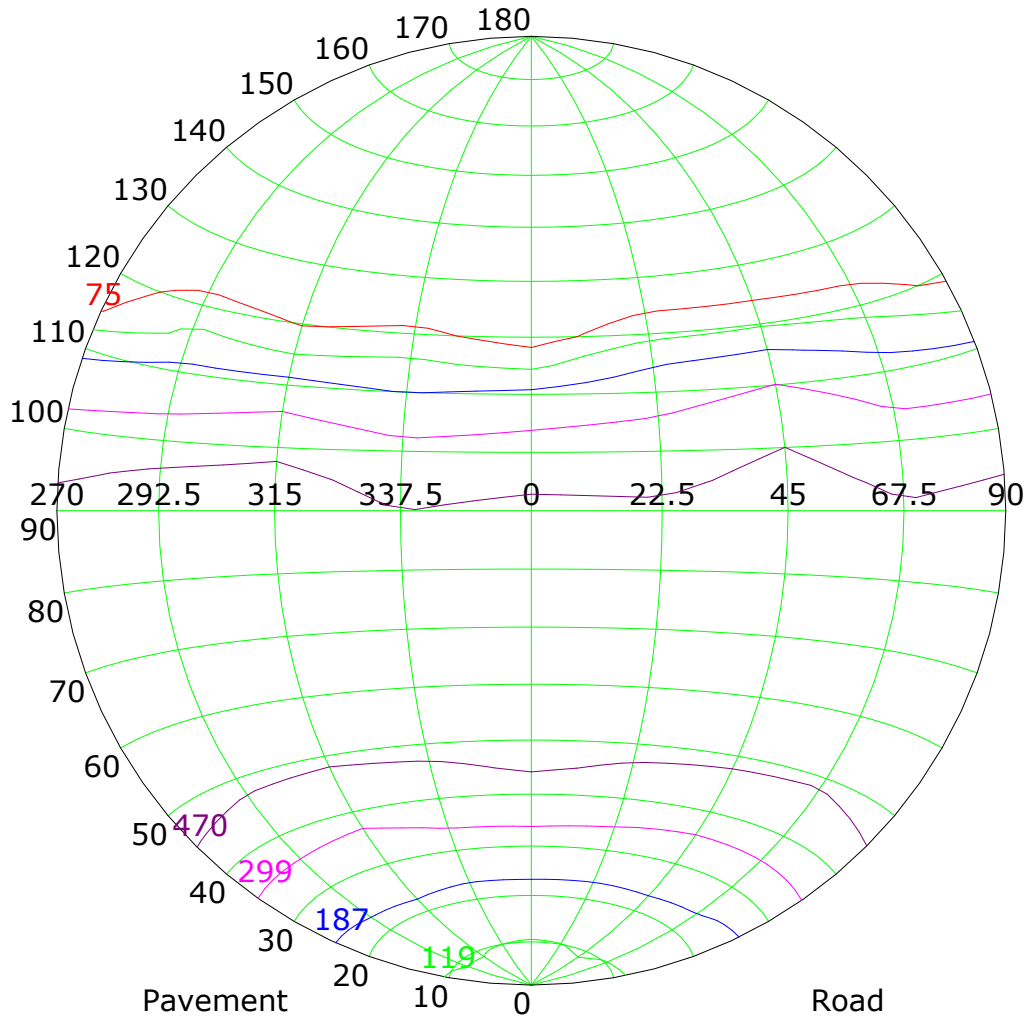
Imax (100%): 746 cd

— (10%):	75 cd	— (16%):	119 cd
— (25%):	187 cd	— (40%):	299 cd
— (63%):	470 cd	— (100%):	746 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 29.3 '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)



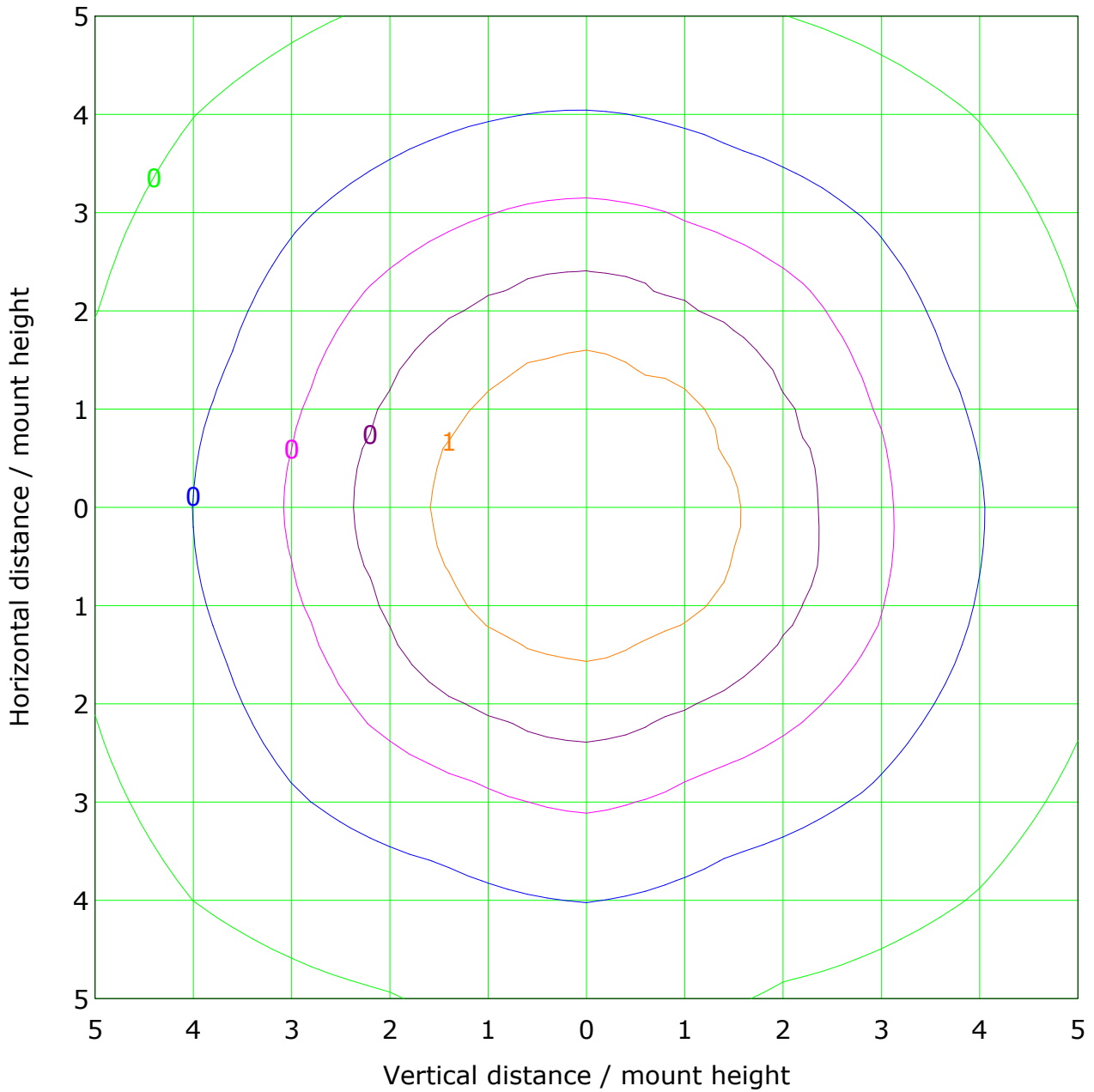
Imax (100%): 746 cd

— (10%):	75 cd	— (16%):	119 cd
— (25%):	187 cd	— (40%):	299 cd
— (63%):	470 cd	— (100%):	746 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 29.3 '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%): 1.8 lx

— (1%): 0.0 lx	— (2%): 0.0 lx
— (5%): 0.1 lx	— (10%): 0.2 lx
— (20%): 0.4 lx	— (50%): 0.9 lx
— (100%): 1.8 lx	

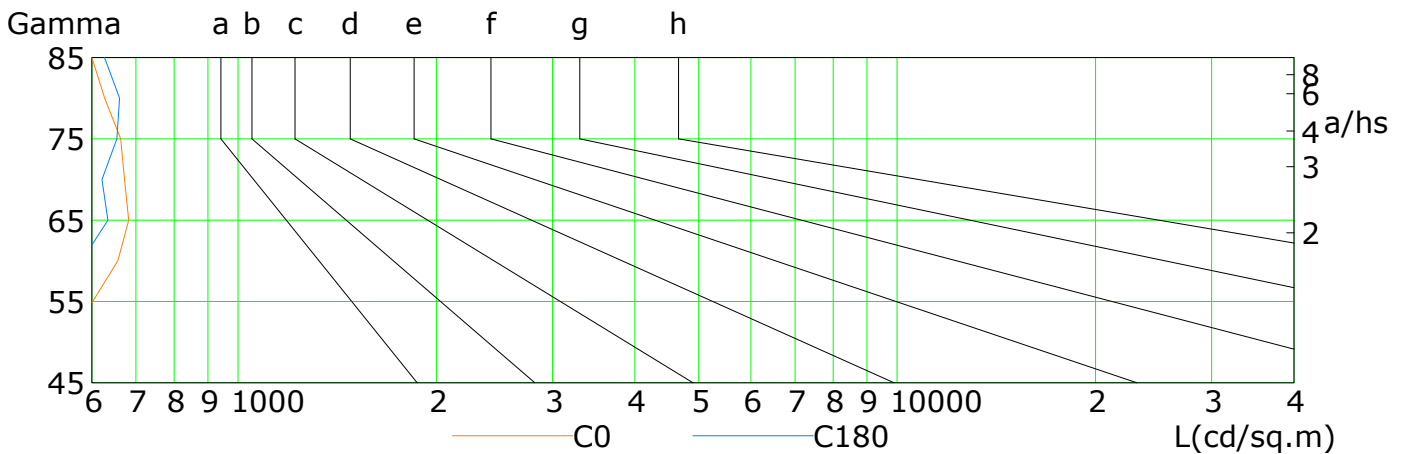
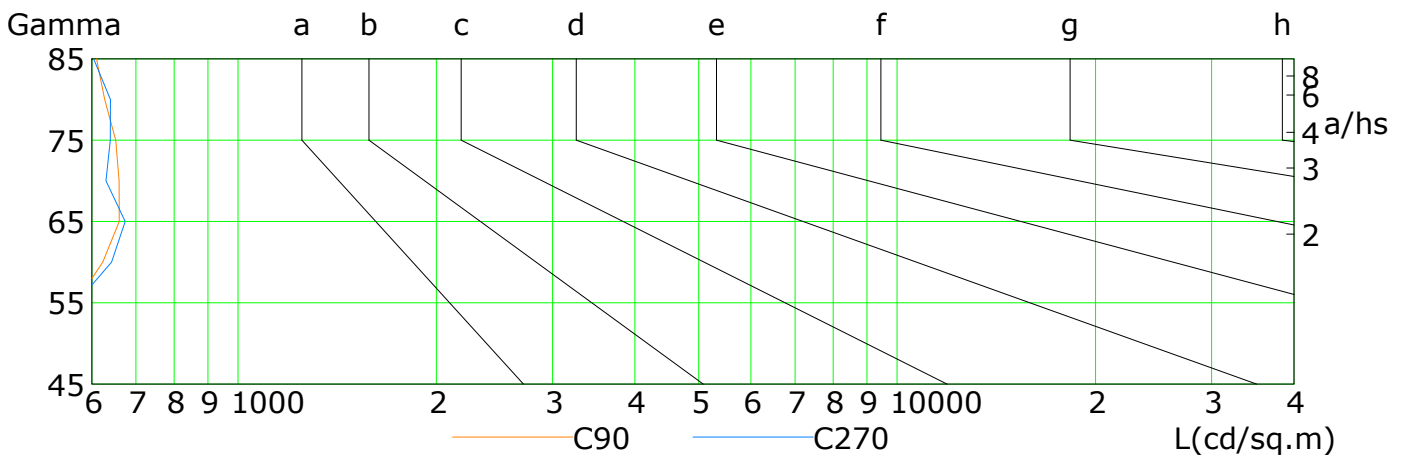
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 29.3 'C
Operator:

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)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	484	525	602	657	683	673	664	628	600
C90	470	517	567	624	660	660	652	628	610
C180	445	534	558	579	635	622	655	661	627
C270	474	582	568	643	674	630	640	640	604

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

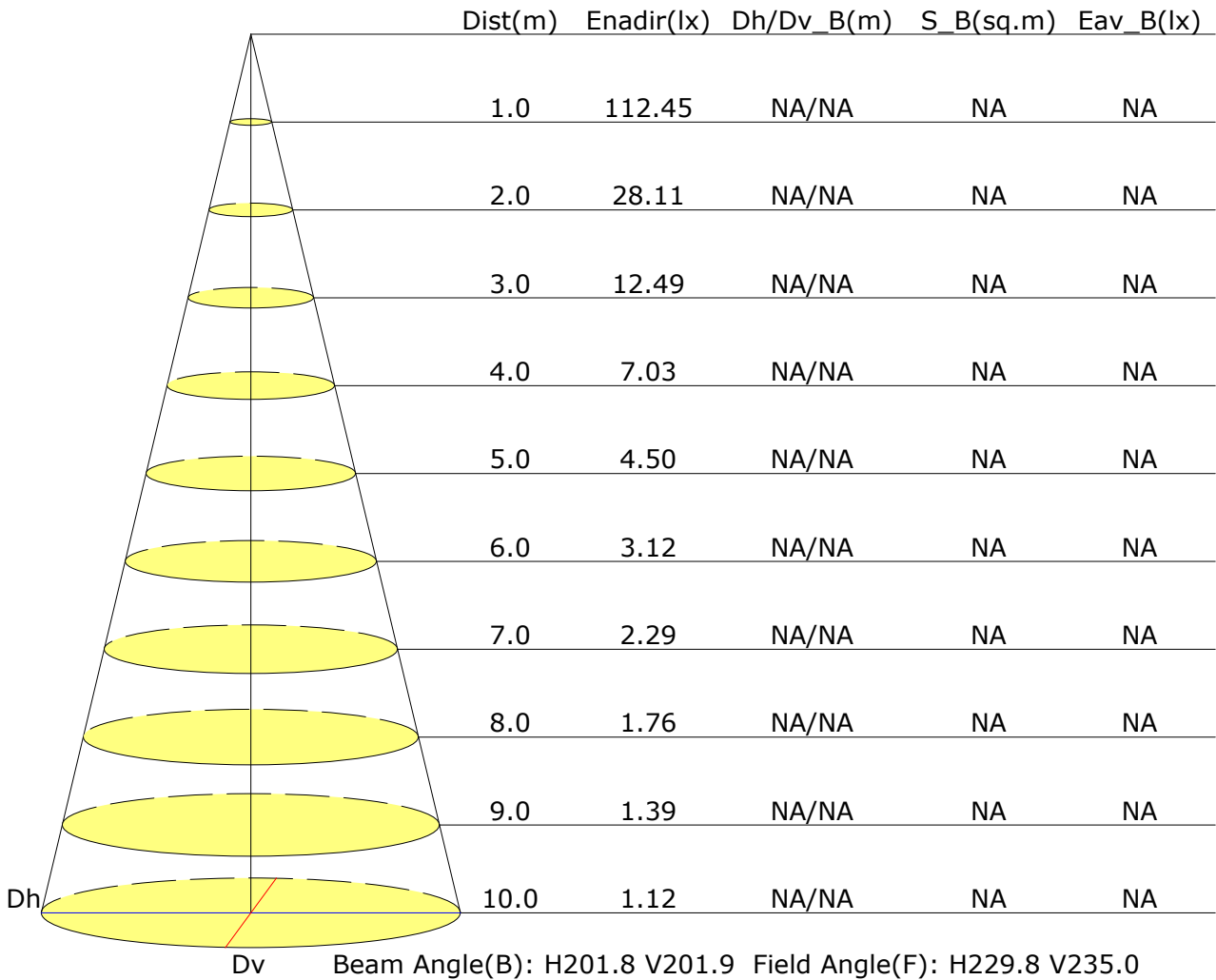
Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

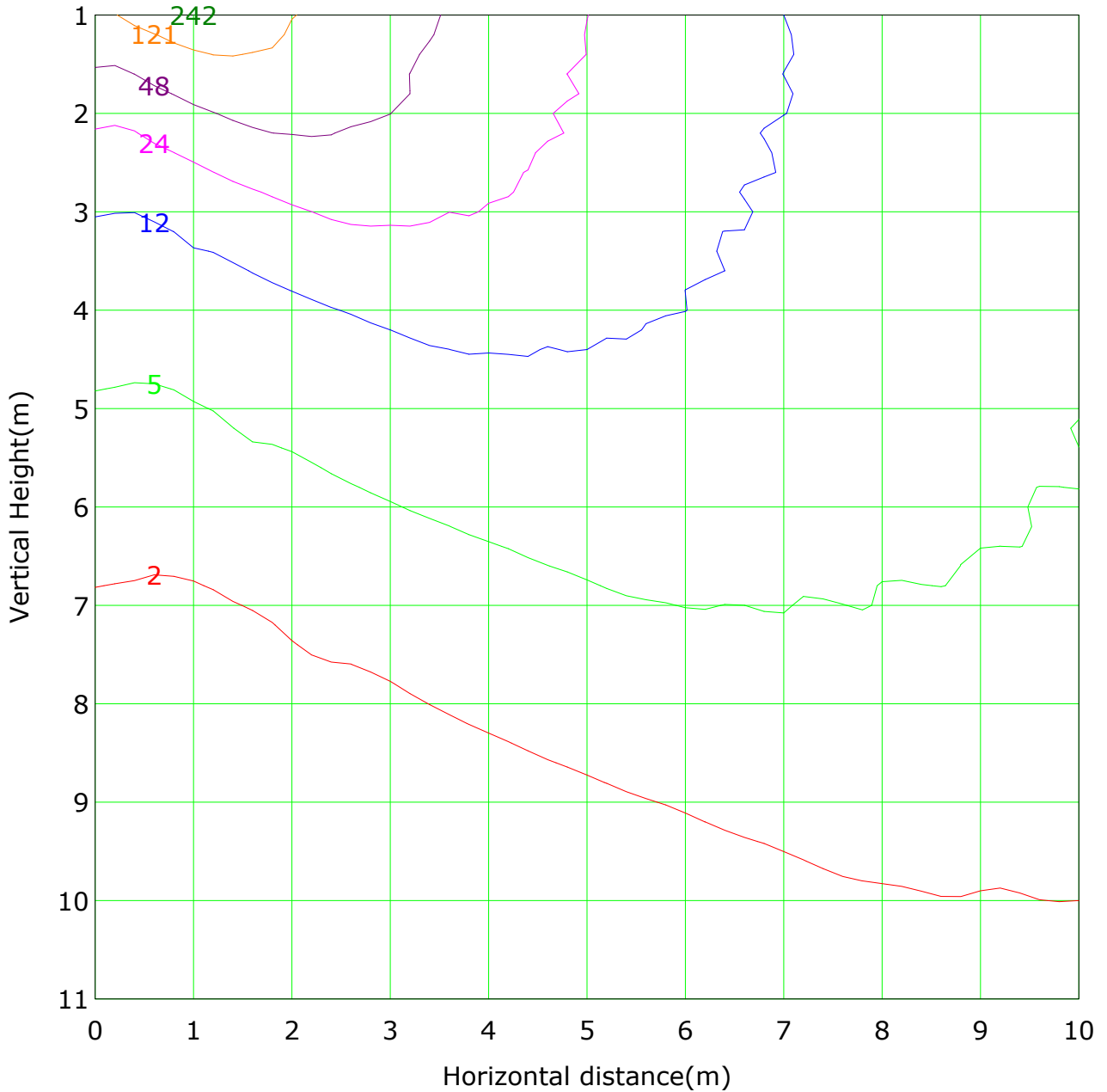
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 'C
 Operator:

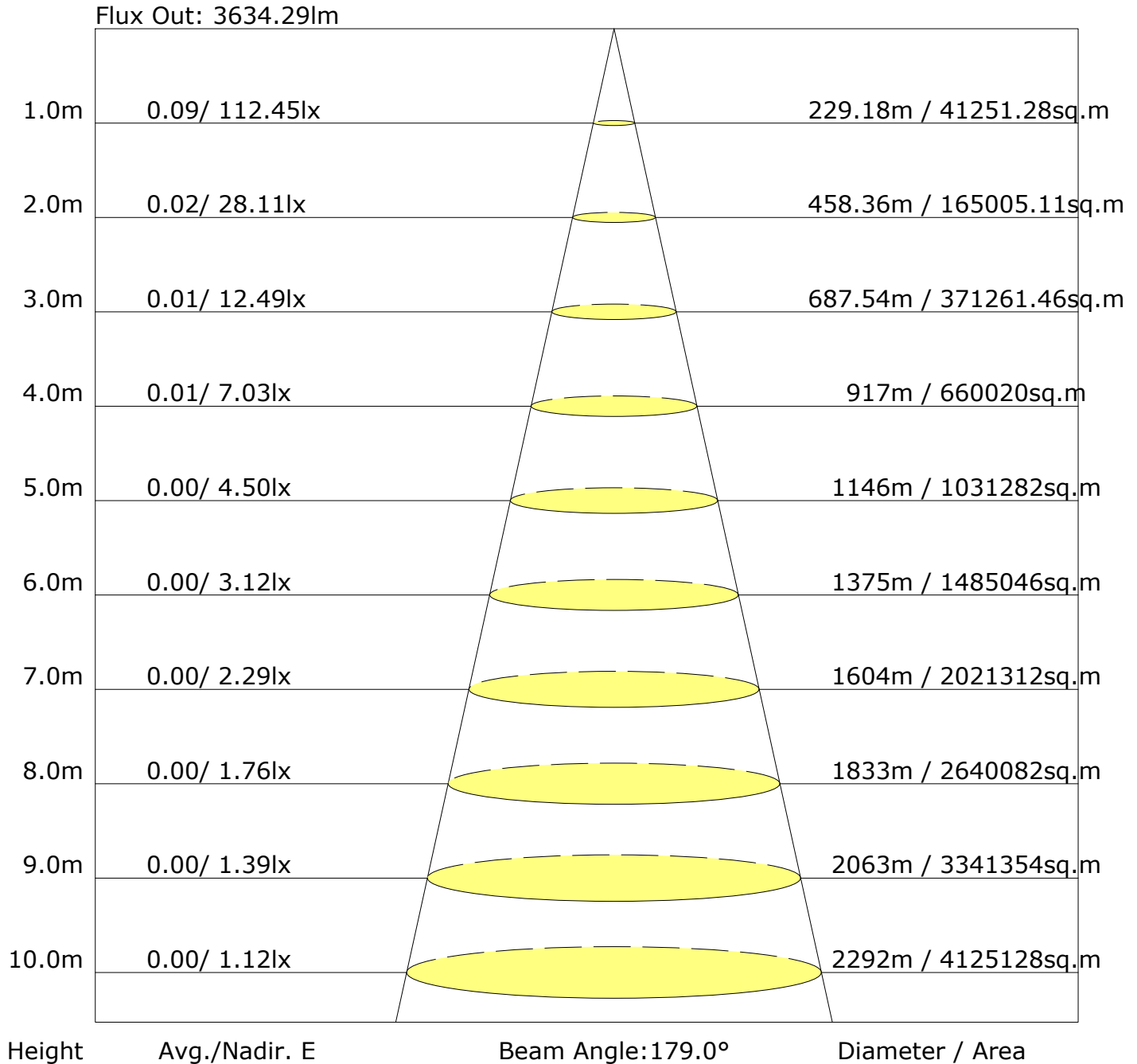
Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.040 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 242.0 lx
 (1%): 2.4 lx (2%): 4.8 lx
 (5%): 12.1 lx (10%): 24.2 lx
 (20%): 48.4 lx (50%): 121.0 lx
 (100%): 242.0 lx

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 °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	1548	37.7
	FL (0°-30°)	70	1.7
	FM (30°-60°)	514	12.5
	FH (60°-80°)	640	15.6
	FVH (80°-90°)	325	7.9
	BACK LIGHT	1545	37.6
	BL (0°-30°)	70	1.7
	BM (30°-60°)	508	12.3
	BH (60°-80°)	641	15.6
	BVH (80°-90°)	326	7.9
	UP LIGHT	1019	24.8
	UL (90°-100°)	506	12.3
	UH (100°-180°)	513	12.5
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U4 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U4 G3

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 '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	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4
G1.0	111.8	111.0	110.6	110.9	111.3	112.4	114.2	114.6	117.4	117.5
G2.0	111.1	109.5	108.9	109.2	110.2	113.2	115.6	117.1	121.0	123.1
G3.0	110.6	108.8	108.0	108.8	111.5	115.4	117.6	118.1	123.7	126.6
G4.0	110.4	108.3	108.1	109.2	112.9	117.6	117.7	117.8	125.0	128.7
G5.0	109.1	109.0	109.0	109.4	113.6	118.1	117.6	117.2	125.2	129.2
G6.0	109.6	110.5	111.0	109.4	113.8	116.6	117.2	116.8	125.1	127.3
G7.0	110.5	111.9	113.5	110.0	113.8	115.0	116.4	115.5	125.9	124.4
G8.0	112.1	113.8	116.9	111.1	113.5	113.6	116.2	115.4	125.4	122.1
G9.0	113.6	116.2	119.8	113.8	114.3	113.3	116.4	116.7	124.3	120.9
G10.0	116.8	118.7	124.1	117.7	114.9	112.9	117.8	116.0	121.7	119.9
G11.0	120.6	122.3	127.4	120.2	117.0	113.9	119.4	117.5	120.1	118.8
G12.0	124.1	126.8	133.3	124.6	120.0	115.7	122.0	119.7	119.5	118.4
G13.0	127.1	129.9	139.6	128.7	122.4	117.6	124.5	122.6	119.5	118.3
G14.0	131.7	135.3	148.5	135.1	124.9	118.9	126.8	125.6	120.6	118.8
G15.0	139.4	139.9	154.4	140.2	129.8	122.0	132.0	130.2	122.1	120.8
G16.0	145.4	146.9	161.9	145.6	132.6	125.3	141.3	134.2	124.1	123.4
G17.0	152.7	150.7	165.8	152.3	137.9	130.5	144.6	140.6	127.2	127.5
G18.0	153.0	156.5	165.5	157.1	143.6	135.1	149.2	147.8	131.7	132.1
G19.0	156.4	159.2	167.6	161.3	146.2	142.1	154.2	151.9	137.0	137.8
G20.0	161.2	161.7	168.6	164.8	151.1	148.5	161.6	156.7	142.2	144.7
G21.0	167.1	167.9	172.1	167.7	155.4	155.5	171.0	165.9	147.5	151.7
G22.0	175.1	172.9	177.0	172.6	159.1	161.4	179.4	174.0	153.3	159.9
G23.0	183.1	179.7	180.8	178.6	165.3	165.3	183.4	176.5	159.4	167.7
G24.0	190.9	188.8	186.8	185.0	171.0	172.7	184.8	181.3	165.7	174.8
G25.0	199.5	196.5	196.0	192.6	177.3	179.0	190.5	186.5	173.8	181.4
G26.0	207.3	206.5	201.6	200.3	185.6	186.8	196.0	194.3	181.6	187.6
G27.0	216.3	216.5	211.6	207.3	195.0	196.2	201.6	201.8	190.4	194.0
G28.0	226.7	225.0	219.8	215.5	203.6	204.8	209.8	208.9	199.3	200.7
G29.0	236.0	235.9	225.4	222.6	213.2	212.4	217.7	216.5	208.5	207.8
G30.0	246.4	247.4	235.4	232.0	224.4	220.0	224.7	223.2	218.3	215.5
G31.0	258.8	254.9	245.7	242.2	237.6	229.2	232.6	233.2	226.4	223.3
G32.0	270.4	266.4	251.2	250.4	251.5	240.4	238.5	240.6	236.0	232.5
G33.0	281.9	279.8	260.8	262.2	265.1	252.3	247.3	250.7	246.6	240.5
G34.0	298.3	290.9	278.9	276.8	284.0	266.7	255.3	262.7	258.2	250.0
G35.0	314.5	303.2	285.3	291.5	302.3	283.9	263.9	272.1	273.7	259.5
G36.0	329.3	321.4	300.7	306.7	317.6	299.1	279.0	287.6	287.6	270.6

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 °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	349.7	336.6	323.8	324.2	336.9	314.0	294.5	306.9	303.5	282.6
G38.0	372.6	347.4	338.2	338.6	352.7	332.1	310.4	322.3	318.5	297.3
G39.0	386.4	367.2	357.6	356.7	368.5	348.2	332.8	339.3	335.0	312.4
G40.0	401.4	380.1	381.8	376.7	389.3	364.5	352.2	356.3	352.9	328.6
G41.0	423.9	384.6	387.0	385.3	409.4	380.1	366.2	377.3	368.4	348.8
G42.0	431.6	398.3	394.9	398.9	421.8	389.9	384.9	397.6	387.8	367.8
G43.0	437.7	412.9	417.1	418.1	433.0	404.8	402.2	412.4	403.1	398.1
G44.0	469.6	426.9	433.5	427.7	456.9	416.4	405.6	441.2	430.5	420.4
G45.0	484.0	453.4	435.1	443.1	470.0	428.0	418.3	455.6	444.9	438.1
G46.0	473.4	463.5	443.3	455.3	474.5	442.5	436.7	467.6	461.1	455.5
G47.0	498.8	469.3	475.3	460.2	485.4	446.2	433.7	496.1	490.1	461.8
G48.0	542.6	491.8	495.4	480.3	503.2	460.0	445.3	496.5	496.2	462.8
G49.0	533.9	519.3	493.7	495.2	519.9	473.2	459.6	497.6	511.1	489.5
G50.0	524.7	503.6	498.3	482.5	517.0	478.6	475.9	524.3	534.2	479.8
G51.0	562.7	516.5	537.5	494.9	527.3	489.2	481.2	529.3	537.2	485.4
G52.0	594.2	556.8	562.0	527.1	555.6	501.7	481.1	514.5	530.9	509.3
G53.0	585.9	550.5	553.4	528.7	557.1	501.9	522.8	540.4	544.2	491.7
G54.0	579.7	523.4	554.0	509.9	547.1	518.7	531.9	572.3	566.8	496.9
G55.0	601.8	553.3	589.9	531.1	566.6	521.1	513.0	563.6	558.3	533.1
G56.0	636.1	589.0	612.1	575.4	594.3	504.2	534.8	547.9	553.8	519.1
G57.0	624.9	565.3	599.2	569.5	593.3	517.4	593.0	604.4	581.7	512.0
G58.0	601.8	539.4	592.4	542.9	589.9	540.3	579.6	638.4	591.2	560.6
G59.0	607.4	565.2	608.4	559.3	604.9	516.7	559.8	597.5	569.4	564.5
G60.0	657.1	599.5	655.6	608.0	623.5	509.4	597.3	601.5	578.8	532.1
G61.0	650.3	592.9	662.7	616.8	638.7	547.6	636.5	685.7	617.5	582.2
G62.0	611.3	549.1	633.9	569.9	630.9	550.7	602.3	682.0	594.3	607.1
G63.0	598.2	554.7	620.1	579.4	621.6	514.3	589.2	606.8	573.0	552.9
G64.0	643.7	584.6	650.1	605.7	623.5	532.0	613.9	658.9	606.1	571.8
G65.0	682.7	614.3	704.6	632.8	660.5	572.5	663.0	746.3	634.7	640.7
G66.0	641.8	592.7	677.2	605.6	657.1	566.7	623.8	690.4	603.9	608.4
G67.0	608.8	564.9	640.0	573.6	637.2	528.3	605.9	625.6	595.0	562.5
G68.0	611.0	577.8	636.0	586.5	625.7	548.2	617.8	679.0	626.8	622.6
G69.0	653.2	601.9	677.4	597.7	644.3	568.5	663.3	736.9	642.3	642.7
G70.0	672.7	632.9	710.5	619.4	660.0	570.0	641.3	673.4	621.8	590.8
G71.0	631.2	605.4	678.4	587.6	647.8	546.5	609.8	638.9	619.9	584.0
G72.0	609.4	589.4	646.0	581.5	628.9	551.7	625.8	671.7	639.2	629.6
G73.0	617.2	590.1	650.8	578.6	634.6	559.5	652.2	698.2	653.3	621.2

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 °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	644.1	609.4	669.1	585.7	637.2	563.4	660.9	675.6	648.4	598.5
G75.0	663.6	637.6	706.9	605.6	652.4	566.7	647.9	658.3	654.7	601.4
G76.0	642.8	629.5	706.2	599.6	649.6	562.3	657.1	670.9	663.2	621.4
G77.0	621.6	600.8	675.3	587.1	643.2	561.5	670.6	675.8	655.8	593.3
G78.0	624.7	602.1	673.3	579.9	637.1	556.8	664.1	653.8	649.1	585.4
G79.0	635.5	612.1	684.6	578.6	631.9	549.6	658.0	642.0	654.8	594.3
G80.0	627.8	609.6	693.6	577.1	627.7	547.7	662.3	648.7	661.2	603.3
G81.0	615.2	602.0	693.1	567.7	625.8	544.4	666.6	650.0	650.3	578.8
G82.0	603.7	587.4	676.1	561.1	623.8	540.6	671.1	642.7	652.3	578.7
G83.0	612.8	589.4	676.3	559.1	620.9	538.1	672.3	632.6	651.6	572.0
G84.0	617.7	595.2	691.0	562.0	621.3	534.6	662.6	629.9	642.5	573.9
G85.0	600.2	587.7	695.6	556.5	610.1	524.5	656.1	622.0	627.1	566.2
G86.0	574.4	575.0	680.8	538.7	601.4	514.1	646.5	602.6	617.9	566.5
G87.0	565.0	559.2	662.1	533.0	592.9	505.4	627.2	572.4	597.4	545.5
G88.0	561.6	559.6	663.3	535.7	582.1	486.6	610.7	567.8	581.8	534.8
G89.0	548.3	536.8	647.5	522.2	566.5	475.7	605.2	569.9	566.2	521.3
G90.0	515.9	500.9	614.3	489.5	545.5	465.9	596.7	550.4	545.7	510.1
G91.0	511.4	500.8	608.1	478.2	532.9	455.3	571.2	524.6	527.7	491.7
G92.0	512.1	503.5	607.6	479.7	518.9	442.2	559.7	507.6	509.8	478.2
G93.0	488.1	490.3	593.9	474.6	499.1	429.3	558.7	511.7	486.1	482.5
G94.0	452.1	452.5	553.3	447.0	477.7	418.4	555.8	490.4	464.2	449.2
G95.0	435.4	431.4	529.4	422.9	460.5	410.4	535.8	460.8	445.1	434.0
G96.0	441.5	443.1	547.1	423.6	451.1	389.7	522.5	443.1	422.8	411.1
G97.0	437.6	445.9	547.2	418.1	432.9	376.4	503.8	432.6	400.9	402.2
G98.0	397.8	425.8	521.1	398.1	409.0	364.7	488.3	413.2	383.6	370.8
G99.0	361.4	398.3	478.7	373.7	384.4	349.6	469.5	387.8	364.5	353.7
G100.0	356.6	383.4	470.4	361.5	370.5	326.7	439.8	363.1	336.0	325.5
G101.0	357.6	386.9	479.4	362.4	365.4	309.3	424.9	349.1	315.7	315.1
G102.0	341.0	367.3	465.8	344.6	344.2	298.2	401.9	331.7	303.5	295.6
G103.0	300.0	343.6	416.2	315.2	315.8	287.5	392.7	314.3	281.0	279.9
G104.0	282.0	316.6	385.6	296.3	295.5	268.4	362.6	290.8	251.2	252.0
G105.0	279.5	309.7	388.0	289.6	285.7	243.2	343.8	278.6	237.2	237.4
G106.0	269.1	302.4	385.8	278.3	273.1	231.3	315.2	263.6	230.6	227.5
G107.0	244.0	282.9	349.4	258.0	248.5	220.9	303.4	250.1	206.3	207.2
G108.0	221.7	249.8	310.3	238.5	224.2	205.2	286.5	228.0	182.8	193.5
G109.0	214.5	254.9	304.9	226.6	213.3	182.5	267.8	216.3	172.4	176.8
G110.0	201.5	237.6	300.9	223.0	202.0	171.9	233.4	200.9	151.5	160.5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 °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	184.3	233.3	281.1	207.8	181.9	162.8	230.3	186.3	117.8	148.4
G112.0	162.0	198.0	241.2	187.7	159.9	145.9	208.9	164.4	97.2	128.9
G113.0	146.4	196.4	229.7	174.1	145.7	130.7	185.1	147.6	63.6	118.6
G114.0	125.3	185.2	219.4	172.3	136.2	123.6	166.1	136.1	63.6	104.3
G115.0	106.5	179.6	200.4	156.4	118.7	119.5	151.5	121.0	57.1	89.5
G116.0	84.8	145.0	171.4	140.7	99.6	102.5	141.6	102.0	50.7	75.8
G117.0	67.9	152.0	159.8	125.9	88.6	90.9	117.4	99.4	48.4	75.1
G118.0	61.9	137.4	143.5	117.2	83.6	92.7	121.2	91.3	44.3	69.8
G119.0	61.5	114.8	120.2	105.1	73.0	85.3	122.5	79.1	40.4	57.3
G120.0	56.6	103.1	112.0	98.3	62.9	75.6	97.3	74.7	37.4	54.0
G121.0	53.2	106.1	102.1	87.0	59.6	73.3	93.6	59.8	35.1	46.6
G122.0	49.2	90.7	89.1	79.0	56.5	65.3	92.1	51.1	33.2	42.5
G123.0	44.7	81.4	86.1	78.5	50.2	55.9	63.5	45.2	31.4	40.4
G124.0	40.9	85.7	78.9	68.6	45.8	50.0	50.7	42.0	30.1	38.8
G125.0	37.7	66.4	64.7	63.3	42.7	46.0	43.6	39.8	28.9	37.1
G126.0	35.1	60.8	59.7	59.2	40.5	41.6	40.3	37.9	27.8	35.7
G127.0	33.2	59.2	52.2	50.1	38.6	38.2	37.8	36.4	27.1	34.4
G128.0	31.4	46.9	45.5	43.6	37.1	36.4	36.0	34.9	26.2	33.2
G129.0	29.9	41.1	41.0	39.9	35.7	34.7	34.4	33.7	25.9	32.0
G130.0	28.9	37.9	38.6	37.4	34.6	33.4	33.1	32.5	25.9	30.9
G131.0	28.0	36.3	36.8	35.7	33.5	32.3	31.9	31.6	25.8	29.9
G132.0	27.1	34.7	35.2	34.4	32.6	31.1	30.6	30.5	25.5	28.9
G133.0	26.4	33.4	33.9	33.0	31.6	30.0	29.7	29.4	25.1	28.0
G134.0	26.1	32.5	32.6	31.8	30.7	29.0	28.5	28.2	24.7	27.1
G135.0	26.0	31.4	31.3	30.6	29.7	28.2	27.4	27.2	24.4	26.4
G136.0	25.7	30.4	30.0	29.3	28.7	27.3	26.5	26.1	24.0	25.5
G137.0	25.2	29.4	28.9	28.3	27.7	26.4	25.4	25.1	23.6	24.7
G138.0	24.6	28.2	27.8	27.2	26.8	25.4	24.4	24.2	23.1	23.7
G139.0	24.0	27.2	26.7	26.1	25.7	24.4	23.4	23.1	22.4	22.8
G140.0	23.5	26.1	25.5	25.1	24.8	23.3	22.3	21.9	21.5	21.8
G141.0	23.0	25.0	24.4	24.1	23.7	22.3	21.4	20.7	20.5	20.9
G142.0	22.4	24.0	23.3	22.9	22.7	21.3	20.3	19.6	19.7	19.9
G143.0	21.7	22.9	22.1	22.1	21.8	20.4	19.3	18.6	18.9	18.9
G144.0	21.0	21.9	21.0	21.0	20.8	19.5	18.4	17.6	18.0	18.0
G145.0	20.0	20.9	19.9	20.0	19.7	18.5	17.3	16.8	17.2	17.2
G146.0	19.2	19.8	19.0	19.1	18.8	17.6	16.5	15.8	16.4	16.2
G147.0	18.3	18.9	17.9	18.1	17.7	16.7	15.6	14.8	15.4	15.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 °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	17.4	17.9	17.0	17.2	16.8	15.7	14.8	14.0	14.5	14.7
G149.0	16.6	17.0	16.1	16.2	15.9	15.0	14.0	13.3	13.8	13.9
G150.0	15.8	16.1	15.3	15.4	15.1	14.0	13.2	12.6	13.1	13.2
G151.0	15.1	15.2	14.6	14.6	14.1	13.2	12.4	11.8	12.5	12.6
G152.0	14.3	14.4	13.9	13.5	13.3	12.4	11.7	11.2	11.8	11.9
G153.0	13.5	13.7	13.3	12.6	12.3	11.6	11.1	10.5	11.1	11.3
G154.0	12.9	13.0	12.7	11.7	11.3	10.7	10.4	10.0	10.5	10.5
G155.0	12.2	12.1	12.1	10.9	10.6	10.0	9.8	9.5	9.9	9.9
G156.0	11.6	11.4	11.4	10.1	9.8	9.4	9.4	9.0	9.3	9.3
G157.0	10.9	10.8	10.9	9.4	9.1	8.9	8.8	8.5	8.7	8.8
G158.0	10.3	10.2	10.3	8.8	8.4	8.3	8.4	8.0	8.1	8.2
G159.0	9.7	9.7	9.6	8.4	7.9	7.9	7.9	7.8	7.4	7.9
G160.0	9.1	9.1	9.2	8.0	7.2	7.4	7.5	7.5	6.9	7.5
G161.0	8.4	8.6	8.7	7.5	6.7	7.0	7.1	7.1	6.5	7.1
G162.0	7.9	8.1	8.2	7.1	6.4	6.7	7.0	6.9	6.2	7.1
G163.0	7.5	7.7	7.7	6.6	6.0	6.2	6.6	6.5	6.1	6.7
G164.0	7.0	7.3	7.2	6.2	5.8	5.8	6.4	6.1	5.8	6.4
G165.0	6.6	7.0	6.6	5.7	5.4	5.6	5.9	5.9	5.4	5.9
G166.0	6.3	6.6	6.3	5.4	5.1	5.4	5.5	5.3	5.1	5.6
G167.0	6.1	6.4	6.1	5.0	4.9	5.1	5.1	5.2	4.7	5.3
G168.0	6.1	6.1	5.6	4.7	4.7	4.9	4.8	4.9	4.6	5.0
G169.0	6.1	5.9	5.4	4.6	4.5	4.7	4.6	4.5	4.5	4.8
G170.0	6.0	5.6	5.2	4.5	4.4	4.4	4.3	4.2	4.5	4.6
G171.0	6.0	5.4	5.1	4.3	4.4	4.2	4.1	4.0	4.4	4.5
G172.0	5.8	5.1	4.8	4.3	4.3	4.1	3.9	3.9	4.3	4.3
G173.0	5.7	4.9	4.6	4.1	4.1	4.0	3.9	3.9	4.1	4.1
G174.0	5.3	4.7	4.5	3.9	4.0	3.8	3.8	3.9	3.8	4.0
G175.0	4.7	4.5	4.2	3.7	3.6	3.7	3.7	3.8	4.1	4.3
G176.0	4.4	4.3	4.5	4.4	4.0	4.1	4.2	4.1	4.7	4.7
G177.0	4.3	4.1	4.6	4.7	4.7	4.4	4.6	4.5	4.8	4.6
G178.0	4.1	3.9	4.5	4.7	5.0	4.5	4.6	4.6	4.8	4.3
G179.0	3.8	4.0	4.2	4.6	4.9	4.7	4.4	4.5	4.6	3.9
G180.0	3.8	4.2	4.2	4.8	4.9	4.9	4.4	4.4	4.2	3.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 °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	112.4	112.4	112.4	112.4	112.4	112.4	112.4			
G1.0	116.8	115.7	114.7	113.9	113.7	112.9	111.8			
G2.0	121.7	118.9	116.0	115.8	114.9	113.9	111.1			
G3.0	126.5	120.4	115.6	116.6	116.5	112.8	110.6			
G4.0	126.7	120.6	114.4	116.5	116.8	113.5	110.4			
G5.0	126.9	122.1	114.6	115.5	117.5	112.4	109.1			
G6.0	126.8	123.2	115.5	115.4	116.5	113.6	109.6			
G7.0	124.1	124.4	116.1	116.3	116.0	114.4	110.5			
G8.0	121.6	123.2	117.8	117.2	116.1	115.4	112.1			
G9.0	121.6	121.8	118.9	118.9	117.7	117.6	113.6			
G10.0	121.5	121.2	118.3	120.8	120.2	119.5	116.8			
G11.0	119.7	120.7	118.4	124.1	122.4	122.1	120.6			
G12.0	118.6	120.6	120.3	127.9	125.7	125.1	124.1			
G13.0	119.6	121.3	122.1	131.1	130.4	128.7	127.1			
G14.0	122.3	123.5	124.7	135.7	138.0	132.0	131.7			
G15.0	125.6	125.8	127.4	139.5	142.2	136.5	139.4			
G16.0	130.0	128.4	131.0	144.7	148.4	140.7	145.4			
G17.0	134.6	132.6	136.4	151.8	155.2	148.6	152.7			
G18.0	139.9	137.8	142.4	156.1	162.6	152.6	153.0			
G19.0	145.9	143.7	147.0	162.1	171.6	160.1	156.4			
G20.0	152.6	153.4	152.5	167.9	172.9	165.8	161.2			
G21.0	160.9	160.2	159.9	173.4	178.7	170.1	167.1			
G22.0	167.5	171.8	168.8	179.7	182.4	176.6	175.1			
G23.0	176.6	176.5	177.1	185.3	187.3	181.6	183.1			
G24.0	181.2	185.7	184.6	192.4	194.0	186.8	190.9			
G25.0	187.2	191.2	191.6	198.3	199.7	195.3	199.5			
G26.0	192.7	197.7	198.0	204.8	205.4	202.0	207.3			
G27.0	198.2	203.8	206.7	213.4	210.7	210.8	216.3			
G28.0	203.2	211.6	214.9	221.5	215.9	220.8	226.7			
G29.0	210.5	219.6	226.1	228.6	223.4	230.1	236.0			
G30.0	219.1	228.2	234.6	239.1	231.6	241.7	246.4			
G31.0	227.2	236.5	243.5	243.5	237.6	252.9	258.8			
G32.0	233.6	245.0	253.6	254.9	247.8	265.1	270.4			
G33.0	238.9	253.0	263.3	266.0	256.9	278.5	281.9			
G34.0	242.9	261.8	278.3	274.3	263.8	293.0	298.3			
G35.0	251.6	270.8	295.6	288.2	275.3	308.2	314.5			
G36.0	263.2	284.0	311.4	303.9	287.3	322.6	329.3			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.3 °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	278.3	299.0	331.4	319.3	298.1	340.9	349.7			
G38.0	295.4	315.2	344.7	337.9	310.9	351.9	372.6			
G39.0	310.0	332.5	362.6	353.4	324.9	368.0	386.4			
G40.0	324.4	347.7	378.2	366.7	335.8	387.2	401.4			
G41.0	339.3	367.5	401.5	384.9	353.2	394.1	423.9			
G42.0	353.4	379.6	420.8	394.5	376.4	407.3	431.6			
G43.0	366.7	393.9	437.5	410.3	385.6	421.5	437.7			
G44.0	382.3	405.3	470.1	424.0	404.9	436.8	469.6			
G45.0	401.8	409.9	474.1	431.7	437.6	446.3	484.0			
G46.0	422.5	419.4	495.3	452.3	441.8	455.4	473.4			
G47.0	432.9	420.7	523.5	464.8	450.3	472.7	498.8			
G48.0	455.7	430.3	527.0	471.8	479.0	487.1	542.6			
G49.0	456.5	447.8	539.9	495.5	500.1	491.8	533.9			
G50.0	470.1	455.3	582.0	512.4	489.7	507.6	524.7			
G51.0	508.1	471.8	569.0	519.2	506.8	518.1	562.7			
G52.0	490.3	487.8	545.2	530.5	544.9	536.0	594.2			
G53.0	501.7	484.1	595.0	554.9	541.3	545.5	585.9			
G54.0	560.7	497.1	598.7	560.3	532.9	546.7	579.7			
G55.0	553.1	530.8	568.2	551.6	554.2	552.1	601.8			
G56.0	540.0	514.6	598.0	579.3	581.9	586.4	636.1			
G57.0	590.7	517.3	629.9	602.1	569.0	586.4	624.9			
G58.0	612.9	568.9	611.8	578.1	559.3	559.4	601.8			
G59.0	570.2	550.6	604.2	573.0	569.8	570.4	607.4			
G60.0	570.7	533.8	642.9	617.7	607.4	611.7	657.1			
G61.0	631.2	589.8	658.1	632.9	600.1	605.1	650.3			
G62.0	601.9	597.7	626.1	583.5	585.3	560.1	611.3			
G63.0	565.9	532.4	621.9	586.3	589.1	574.6	598.2			
G64.0	606.2	572.2	671.7	646.8	639.4	622.6	643.7			
G65.0	657.8	634.6	674.2	648.4	644.1	639.5	682.7			
G66.0	611.4	590.8	633.1	596.6	611.5	597.3	641.8			
G67.0	589.3	542.3	628.2	605.6	608.5	580.9	608.8			
G68.0	647.0	616.9	671.0	651.0	643.4	615.0	611.0			
G69.0	669.1	637.4	684.5	653.1	673.5	645.2	653.2			
G70.0	614.3	580.7	630.4	628.1	642.1	632.3	672.7			
G71.0	609.5	570.8	632.0	624.2	632.9	595.5	631.2			
G72.0	666.0	628.4	653.7	645.3	654.8	604.1	609.4			
G73.0	674.0	626.3	663.2	657.7	664.9	618.4	617.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 °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	639.5	599.5	642.1	654.9	683.1	625.7	644.1			
G75.0	651.3	603.3	640.0	663.9	670.1	620.3	663.6			
G76.0	681.4	623.8	660.2	668.0	681.2	601.0	642.8			
G77.0	663.4	603.2	640.0	654.1	671.7	603.7	621.6			
G78.0	650.0	589.6	629.4	648.7	680.6	602.1	624.7			
G79.0	663.5	599.0	630.7	658.8	685.5	593.7	635.5			
G80.0	674.2	607.1	640.4	660.2	683.1	580.9	627.8			
G81.0	665.6	596.4	620.1	642.1	674.7	580.7	615.2			
G82.0	664.8	587.3	622.3	639.0	685.5	581.0	603.7			
G83.0	652.4	578.9	608.5	637.3	693.0	582.3	612.8			
G84.0	658.1	583.9	610.3	635.3	680.3	563.8	617.7			
G85.0	660.1	582.7	603.7	623.8	664.1	534.8	600.2			
G86.0	665.3	571.8	598.2	607.2	640.5	528.8	574.4			
G87.0	631.9	547.4	582.8	587.9	641.0	524.6	565.0			
G88.0	619.7	546.6	567.8	578.9	624.2	512.6	561.6			
G89.0	606.3	536.0	546.7	575.5	615.8	490.4	548.3			
G90.0	600.3	513.8	530.3	558.7	594.1	467.5	515.9			
G91.0	576.1	496.5	515.9	531.6	581.8	464.0	511.4			
G92.0	562.7	502.5	505.7	517.6	562.0	454.1	512.1			
G93.0	534.7	487.6	481.3	513.9	552.2	444.3	488.1			
G94.0	522.9	451.1	474.3	501.2	543.4	430.9	452.1			
G95.0	509.7	437.0	441.4	496.8	525.9	406.4	435.4			
G96.0	482.5	435.6	427.6	454.9	511.8	406.1	441.5			
G97.0	442.6	415.7	402.6	440.1	484.7	408.2	437.6			
G98.0	440.9	372.4	385.4	428.7	467.4	380.3	397.8			
G99.0	431.9	364.5	363.1	424.6	451.3	357.2	361.4			
G100.0	391.0	348.7	339.0	375.4	426.4	338.8	356.6			
G101.0	355.4	328.9	328.1	351.2	402.6	321.8	357.6			
G102.0	359.9	300.9	309.9	347.6	378.4	320.4	341.0			
G103.0	344.0	296.6	288.0	341.8	356.5	293.5	300.0			
G104.0	306.3	266.6	257.1	294.8	338.6	272.3	282.0			
G105.0	274.7	241.7	254.9	273.8	314.3	244.4	279.5			
G106.0	274.4	237.3	240.1	273.8	295.0	238.6	269.1			
G107.0	251.1	230.6	210.8	264.8	267.4	237.8	244.0			
G108.0	222.5	205.2	185.3	229.1	252.1	208.7	221.7			
G109.0	201.7	179.6	183.2	212.0	230.7	185.5	214.5			
G110.0	187.9	180.7	163.9	208.2	209.2	184.1	201.5			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 °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	179.8	155.7	134.9	196.2	185.5	186.6	184.3			
G112.0	139.4	144.4	118.6	165.5	175.4	148.9	162.0			
G113.0	126.6	125.9	112.7	154.7	151.5	138.3	146.4			
G114.0	118.6	117.4	89.7	142.8	131.4	138.4	125.3			
G115.0	89.7	102.8	73.1	132.4	119.6	127.9	106.5			
G116.0	70.8	84.5	64.5	113.1	108.3	105.0	84.8			
G117.0	79.0	92.0	59.2	105.0	94.1	102.3	67.9			
G118.0	73.1	80.6	54.8	105.5	91.3	109.3	61.9			
G119.0	54.7	65.2	52.4	93.1	84.6	93.5	61.5			
G120.0	51.4	52.8	47.4	99.5	71.8	84.9	56.6			
G121.0	45.4	48.7	44.4	74.6	63.6	88.5	53.2			
G122.0	41.6	43.5	43.9	61.8	57.2	74.0	49.2			
G123.0	39.2	40.4	40.4	65.1	52.1	65.0	44.7			
G124.0	37.5	38.7	39.0	48.6	47.6	66.5	40.9			
G125.0	36.0	36.8	37.6	42.9	42.6	52.0	37.7			
G126.0	34.6	35.4	36.4	48.6	40.3	43.9	35.1			
G127.0	33.5	34.2	35.1	38.7	42.7	37.4	33.2			
G128.0	32.4	33.0	34.1	36.6	36.6	34.7	31.4			
G129.0	31.3	32.0	33.2	34.9	35.0	33.2	29.9			
G130.0	30.2	31.0	32.1	33.6	33.6	32.1	28.9			
G131.0	29.3	30.0	31.2	32.4	32.4	31.2	28.0			
G132.0	28.4	28.9	30.2	31.4	31.3	30.6	27.1			
G133.0	27.4	28.1	29.4	30.2	30.1	30.1	26.4			
G134.0	26.5	27.3	28.4	29.2	29.1	29.4	26.1			
G135.0	25.4	26.4	27.4	28.1	27.9	28.3	26.0			
G136.0	24.4	25.4	26.6	27.0	26.8	27.4	25.7			
G137.0	23.3	24.5	25.6	26.1	25.7	26.3	25.2			
G138.0	22.4	23.6	24.6	25.0	24.8	25.3	24.6			
G139.0	21.4	22.6	23.6	24.1	23.6	24.1	24.0			
G140.0	20.3	21.7	22.7	23.0	22.6	23.2	23.5			
G141.0	19.3	20.8	21.7	22.0	21.6	22.1	23.0			
G142.0	18.5	19.8	20.7	21.1	20.6	21.0	22.4			
G143.0	17.4	18.8	19.8	20.1	19.5	20.0	21.7			
G144.0	16.5	17.9	18.9	19.0	18.5	19.0	21.0			
G145.0	15.6	16.9	17.9	18.1	17.7	18.0	20.0			
G146.0	14.6	16.0	16.9	17.2	16.7	17.0	19.2			
G147.0	13.7	15.1	16.0	16.2	15.7	16.1	18.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 '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	12.9	14.3	15.1	15.3	14.9	15.3	17.4			
G149.0	12.2	13.6	14.3	14.4	14.1	14.4	16.6			
G150.0	11.5	12.8	13.5	13.5	13.3	13.6	15.8			
G151.0	11.0	12.1	12.8	12.7	12.7	12.9	15.1			
G152.0	10.7	11.5	12.1	12.0	12.0	12.1	14.3			
G153.0	10.3	10.7	11.4	11.2	11.3	11.4	13.5			
G154.0	9.9	10.1	10.7	10.3	10.6	10.7	12.9			
G155.0	9.6	9.6	9.9	9.7	10.0	10.1	12.2			
G156.0	9.3	9.0	9.3	9.1	9.4	9.5	11.6			
G157.0	9.0	8.5	8.9	8.6	8.9	8.8	10.9			
G158.0	8.5	8.2	8.3	8.2	8.3	8.4	10.3			
G159.0	8.2	8.0	7.7	7.9	7.9	7.9	9.7			
G160.0	7.9	7.5	7.1	7.5	7.4	7.4	9.1			
G161.0	7.6	7.2	6.7	7.1	7.0	6.9	8.4			
G162.0	7.2	6.8	6.3	6.6	6.7	6.7	7.9			
G163.0	7.1	6.4	6.0	6.2	6.4	6.4	7.5			
G164.0	6.7	6.1	5.6	6.0	6.2	6.3	7.0			
G165.0	6.3	5.8	5.3	5.7	6.0	6.0	6.6			
G166.0	6.0	5.5	5.0	5.3	5.8	5.8	6.3			
G167.0	5.7	5.2	4.5	5.1	5.5	5.7	6.1			
G168.0	5.4	5.1	4.4	5.0	5.3	5.6	6.1			
G169.0	5.1	4.9	4.3	4.9	5.0	5.5	6.1			
G170.0	5.0	4.9	4.3	4.9	4.9	5.4	6.0			
G171.0	4.9	4.8	4.3	4.8	4.7	5.2	6.0			
G172.0	4.7	4.9	4.1	4.7	4.5	5.2	5.8			
G173.0	4.6	4.8	4.1	4.3	4.3	4.8	5.7			
G174.0	4.5	4.4	3.8	4.0	4.1	4.4	5.3			
G175.0	4.6	4.3	4.5	4.7	4.9	5.0	4.7			
G176.0	4.5	4.7	4.6	5.0	5.0	5.2	4.4			
G177.0	4.4	4.8	4.7	5.0	5.3	5.2	4.3			
G178.0	4.4	4.6	4.8	4.9	5.2	5.0	4.1			
G179.0	4.3	4.3	4.8	4.9	5.1	4.7	3.8			
G180.0	4.2	4.2	4.8	4.9	4.9	4.4	3.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 29.3 'C
 Operator:

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