

Report No.:

Test Time: 2022-1-26 12:08

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.084 A
Power Factor: 0.914

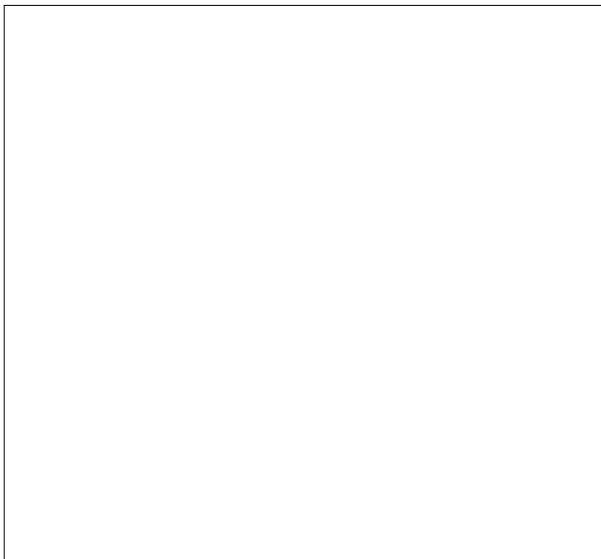
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 21.17 W

Photometric Results

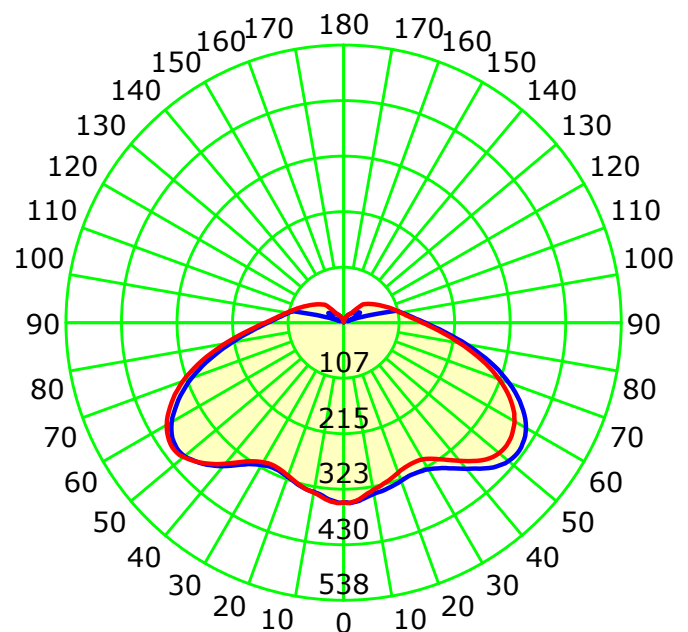
IES Classification: Type IV
Total Rated Lamp Lumens: 2439.0 lm
Efficiency: 100%
Upward Ratio: 17%
C0r0 Intensity: 348.11 cd
Pos of Max. Intensity: H337.5 V53
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 164.2, 165.6, 162.8, 162.4

Longitudinal Classification: Short
Measurement Flux: 2439 lm
Downward Ratio: 83%
Luminaire Efficacy Rating (LER): 115.26
Max. Intensity: 430.94 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve

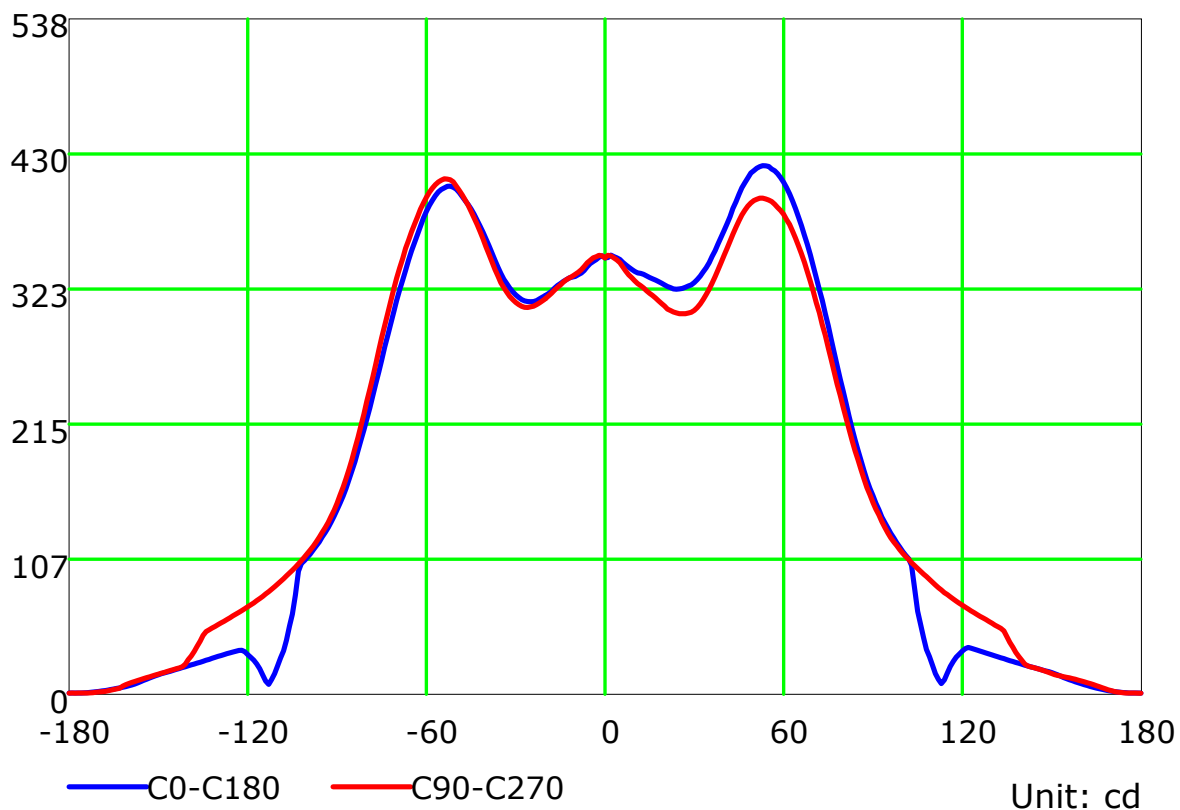
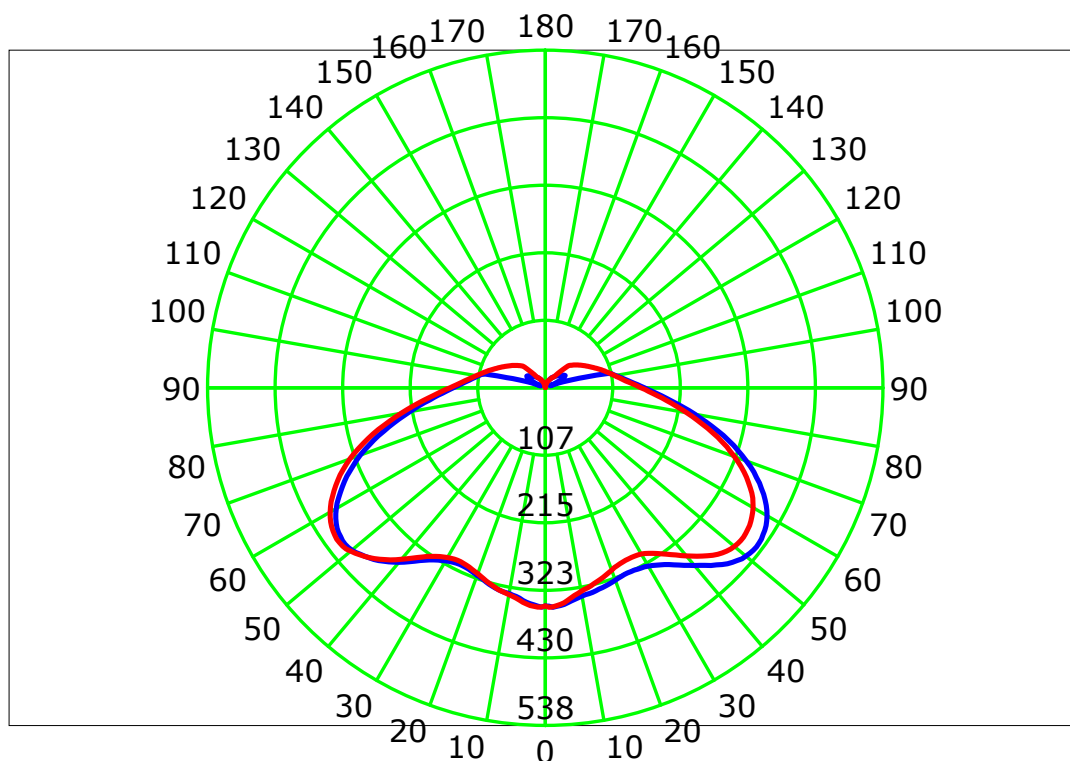


— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 °C
Operator:

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

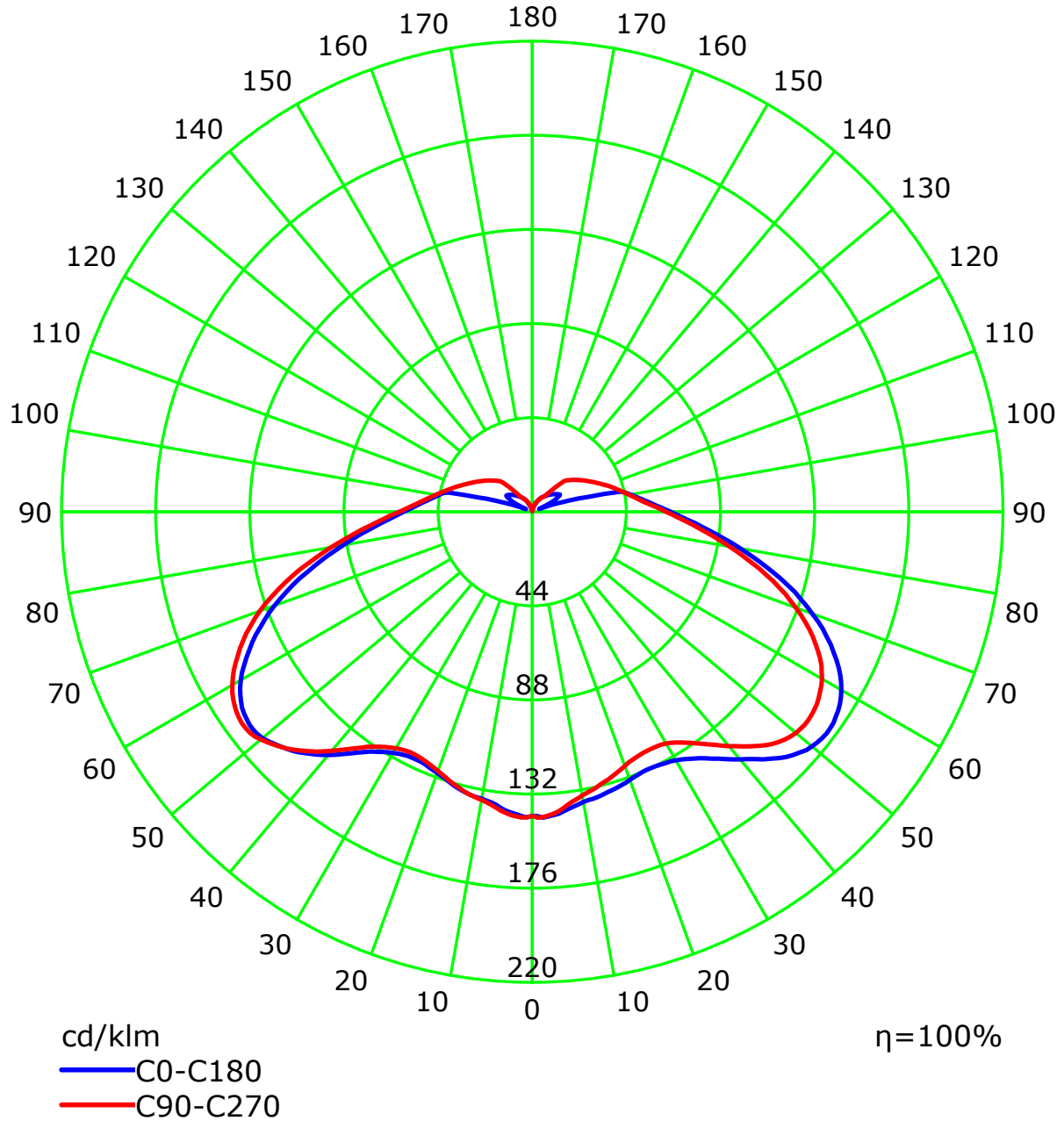
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

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

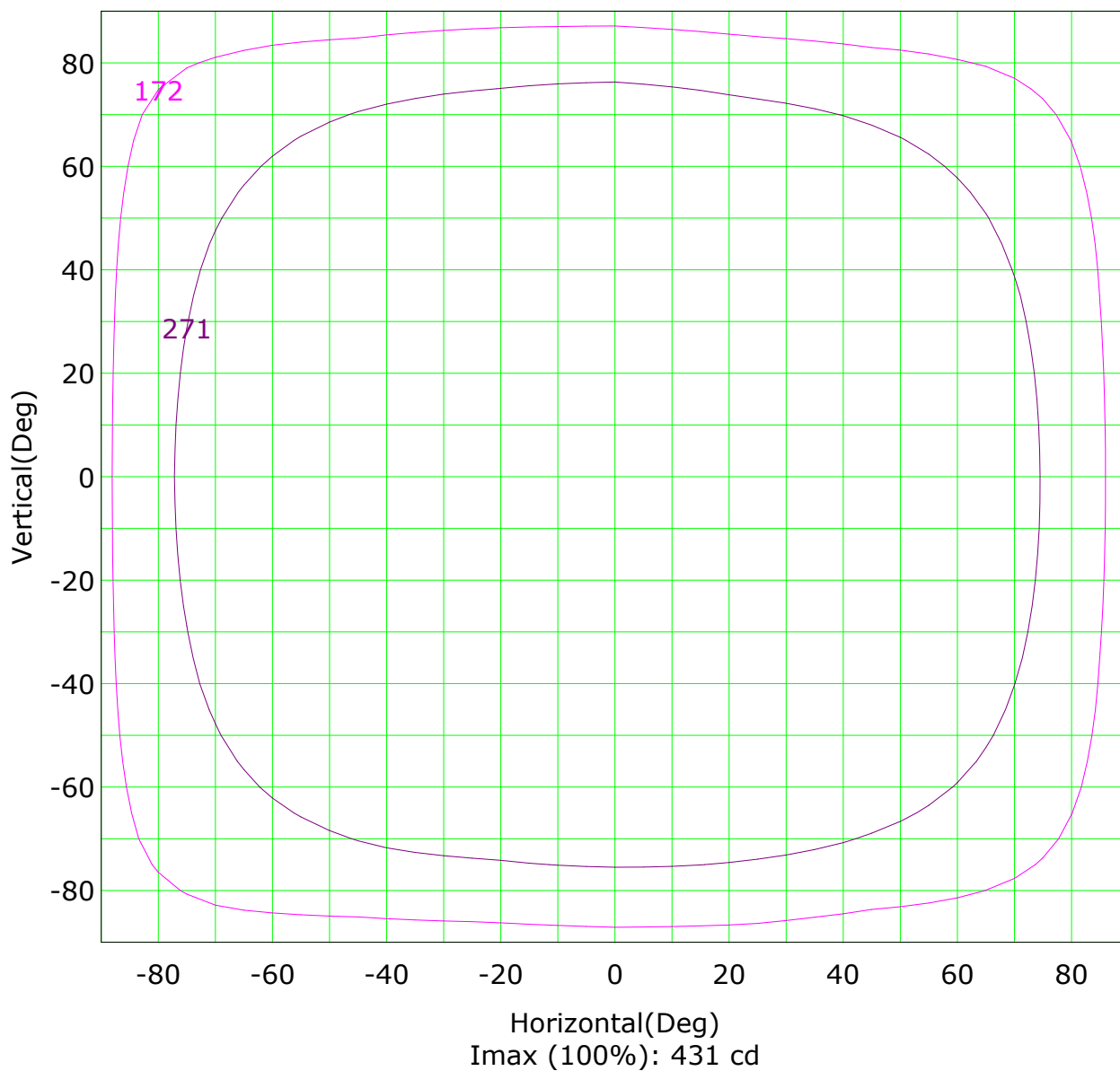
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 '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)

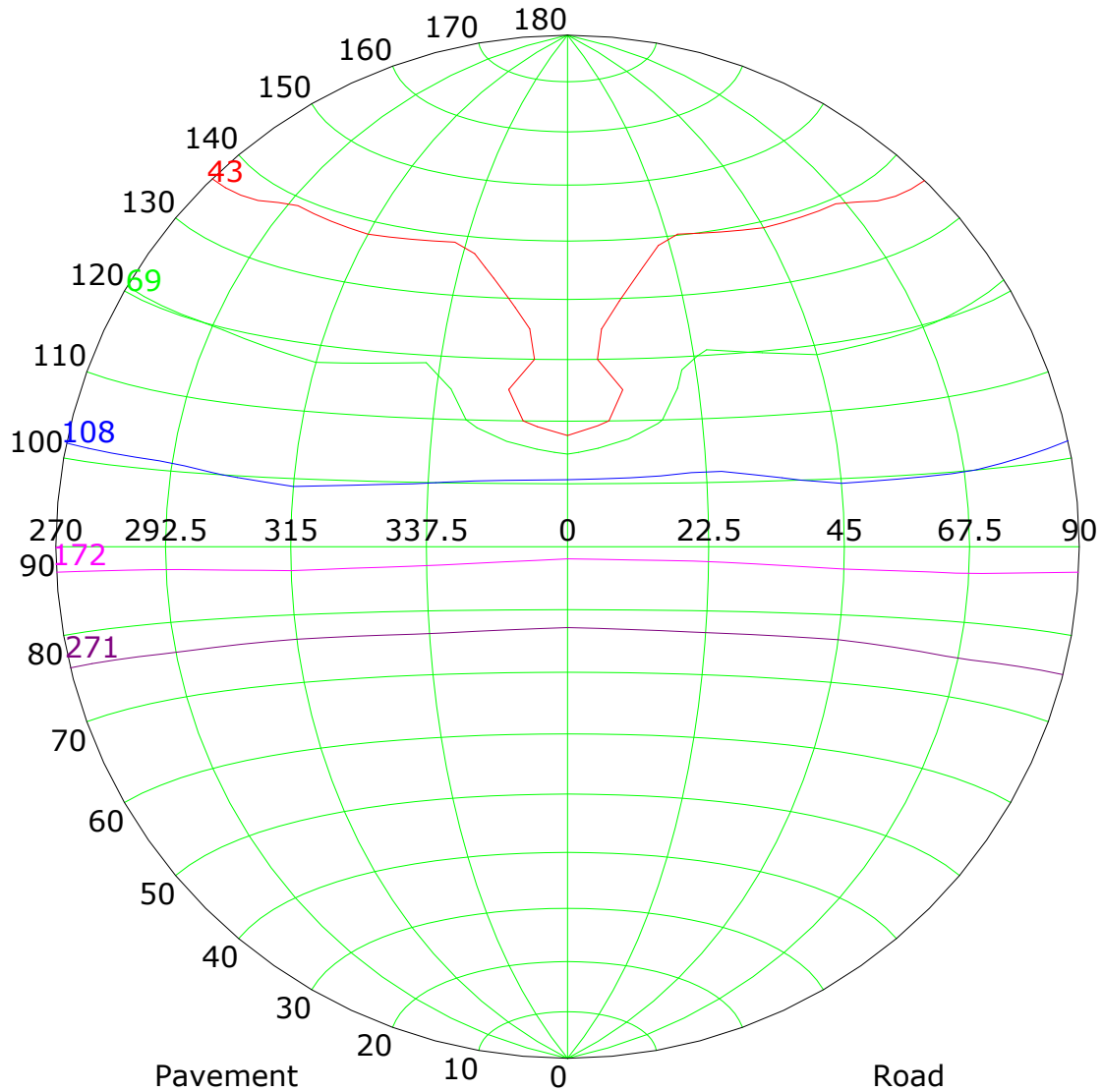


(10%):	43 cd	(16%):	69 cd
(25%):	108 cd	(40%):	172 cd
(63%):	271 cd	(100%):	431 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 '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%): 431 cd

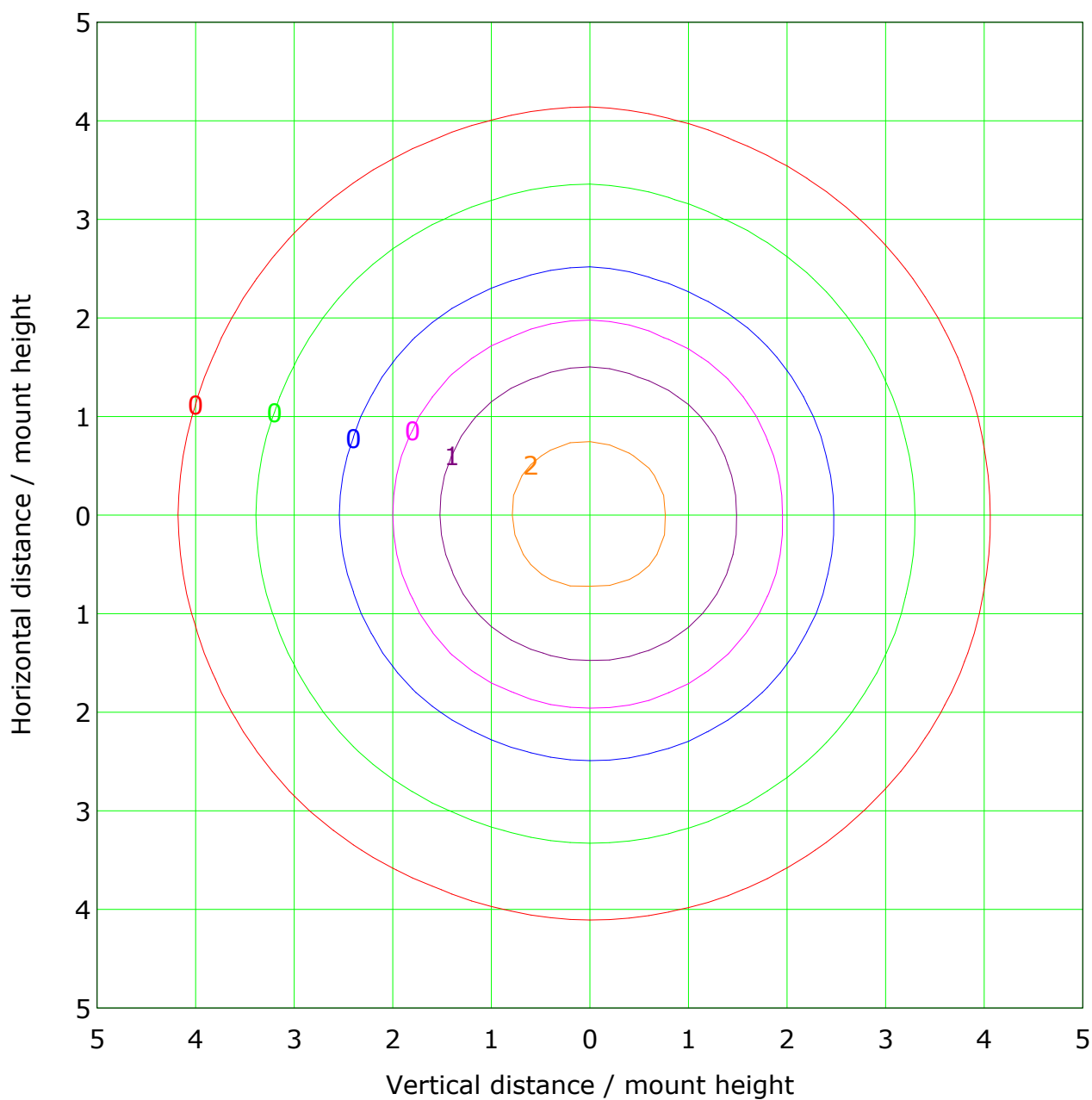
(10%): 43 cd
(25%): 108 cd
(63%): 271 cd

(16%): 69 cd
(40%): 172 cd
(100%): 431 cd

CIE: broad - short
CIE: Non-cut-off luminaire
Max.At90: 64.983 cd/klm

IES: Non-cut-off
Max.At80: 99.169 cd/klm
Max.80-90: 99.169 cd/klm

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 3.5 lx

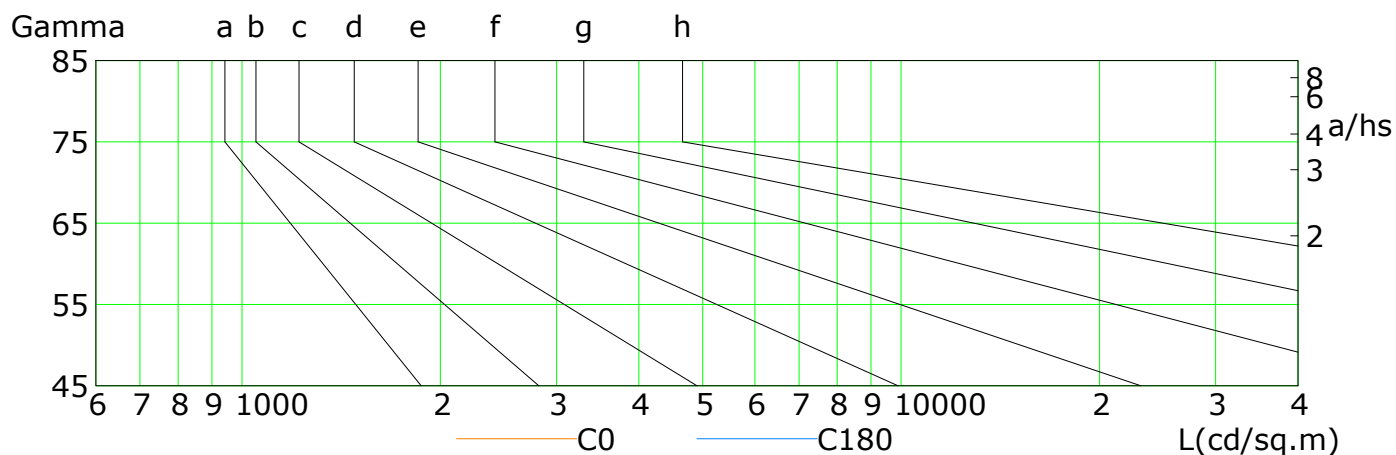
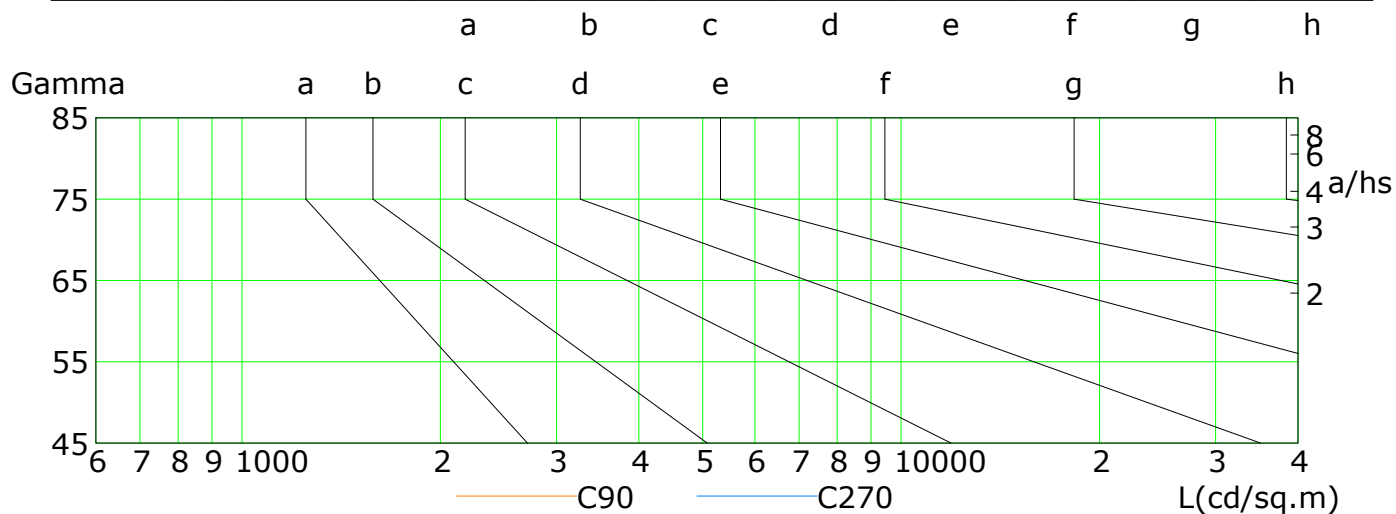
— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.2 lx	— (10%): 0.4 lx
— (20%): 0.7 lx	— (50%): 1.8 lx
— (100%): 3.5 lx	

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 '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

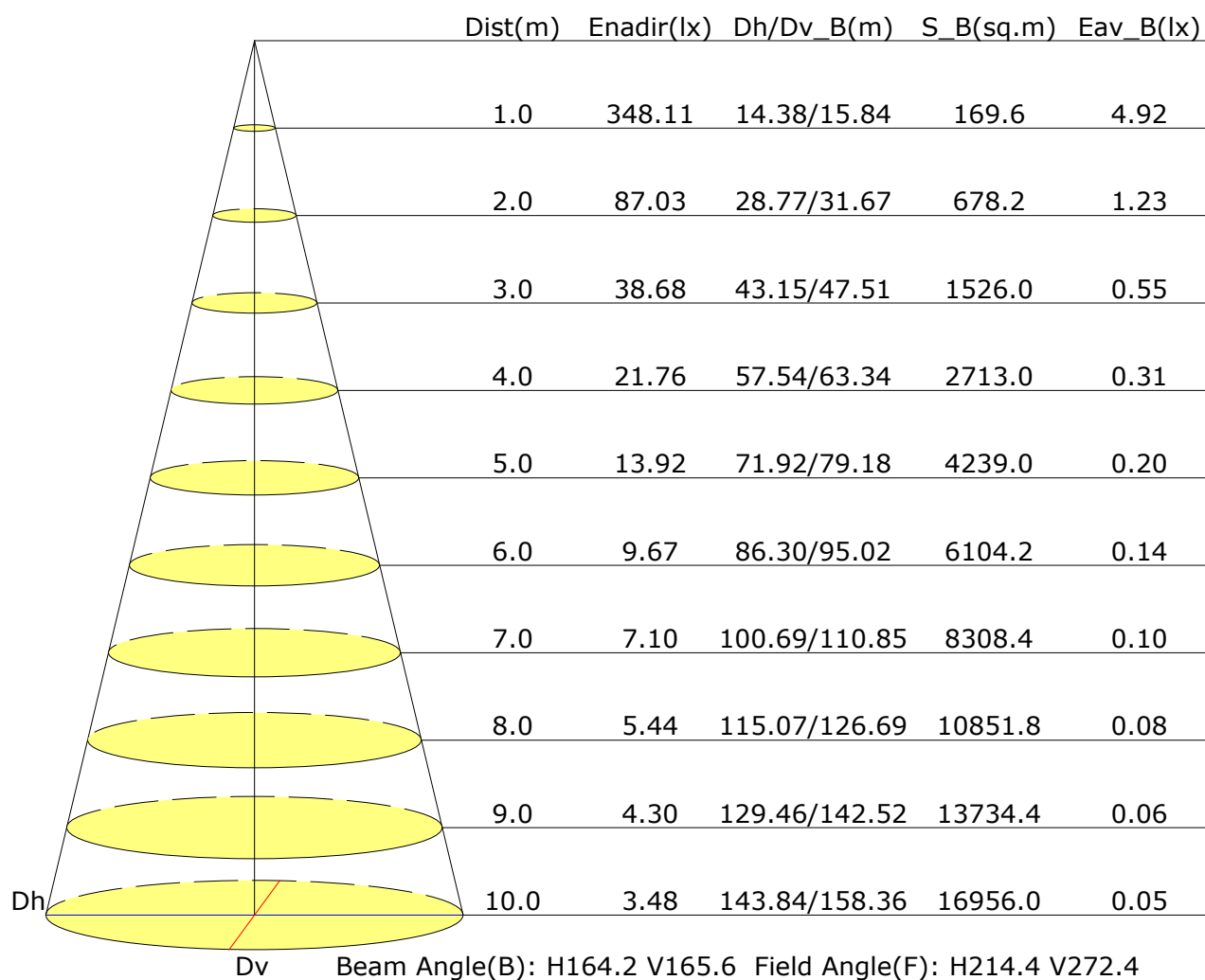


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	399	418	421	408	381	341	294	242	194
C90	378	394	394	383	358	321	276	229	187
C180	387	403	403	385	354	314	267	220	178
C270	385	406	410	396	369	332	285	234	187

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

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

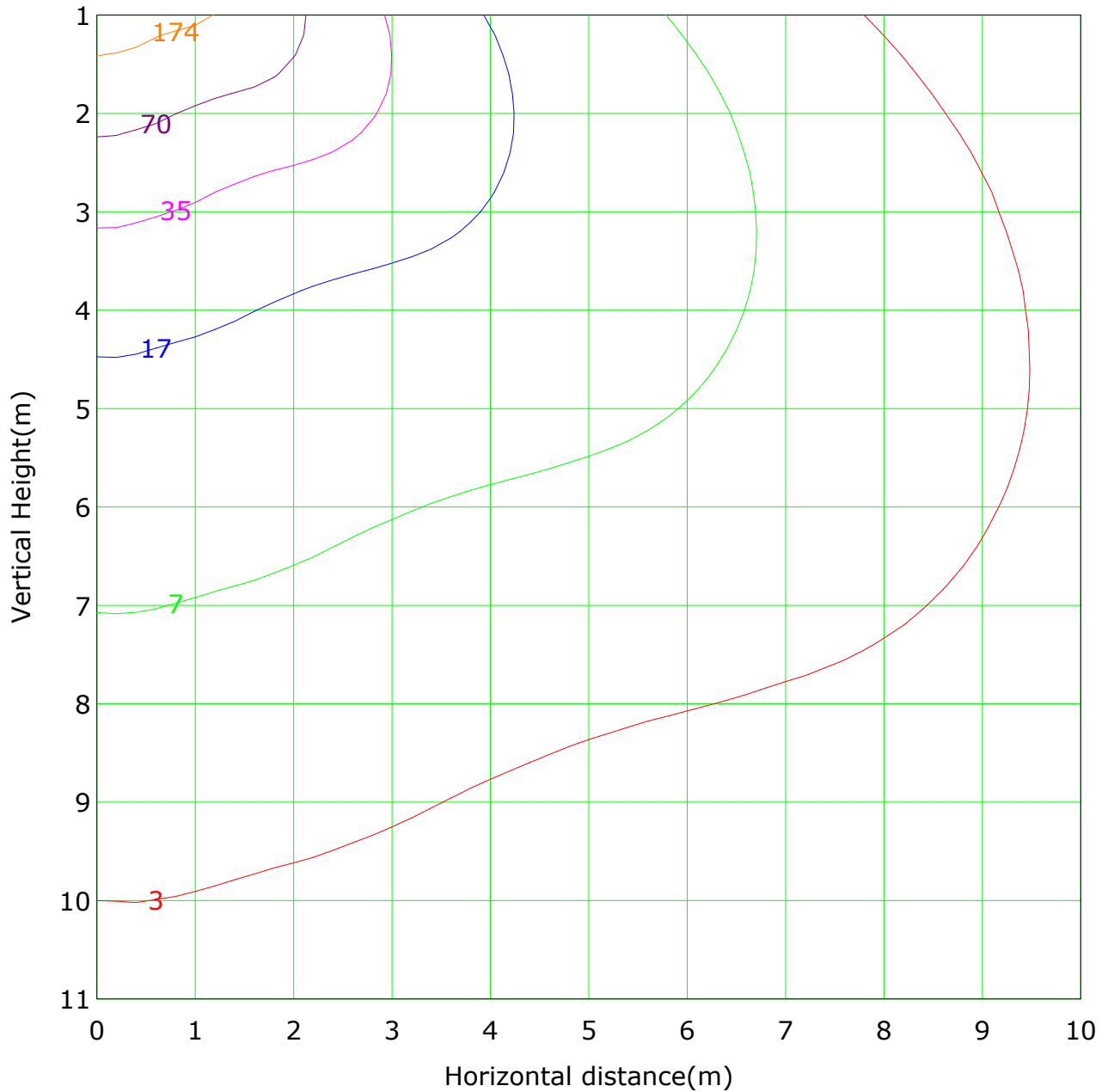
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 '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



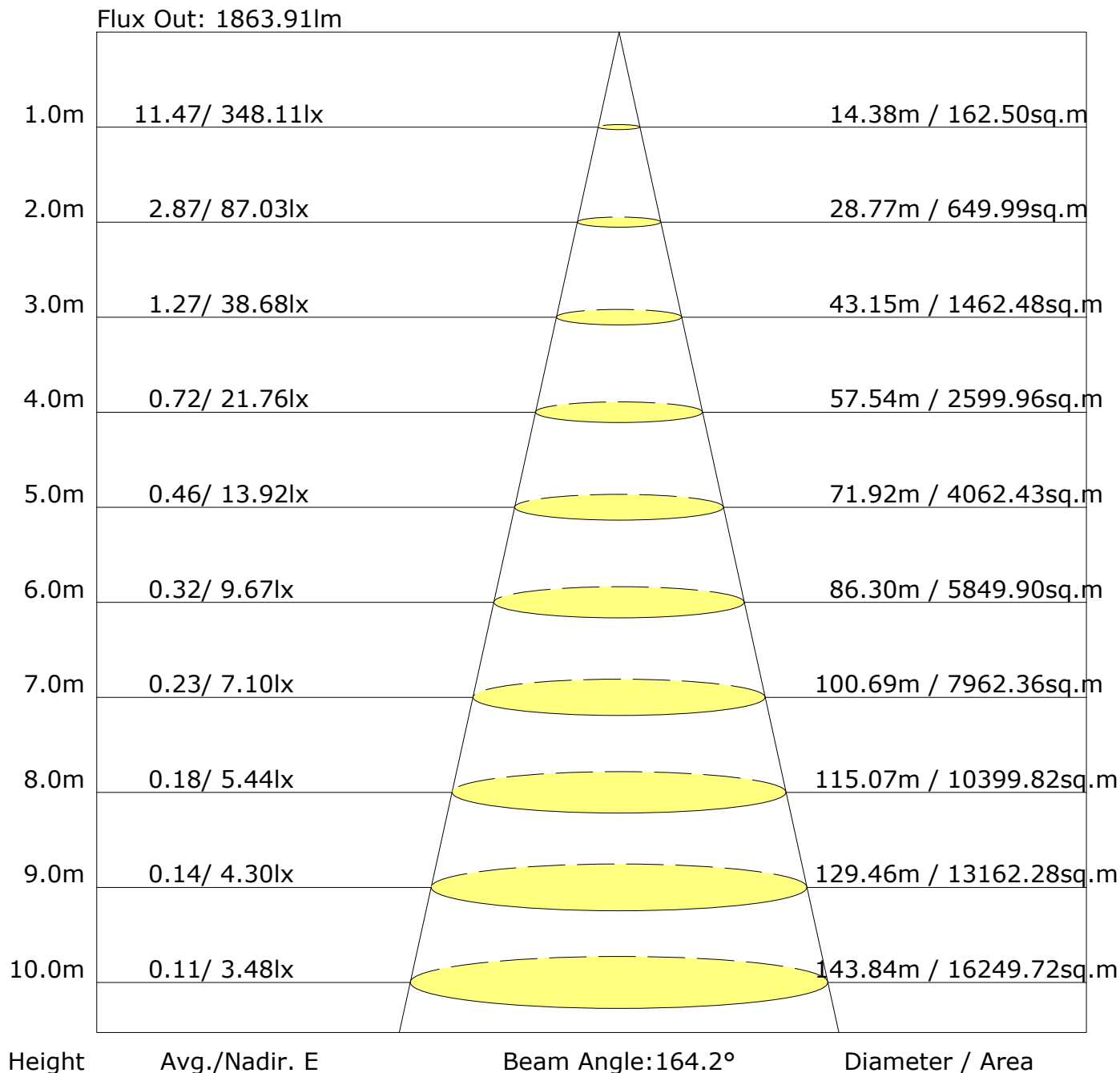
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 348.1 lx

— (1%): 3.5 lx	— (2%): 7.0 lx
— (5%): 17.4 lx	— (10%): 34.8 lx
— (20%): 69.6 lx	— (50%): 174.1 lx
— (100%): 348.1 lx	

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

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

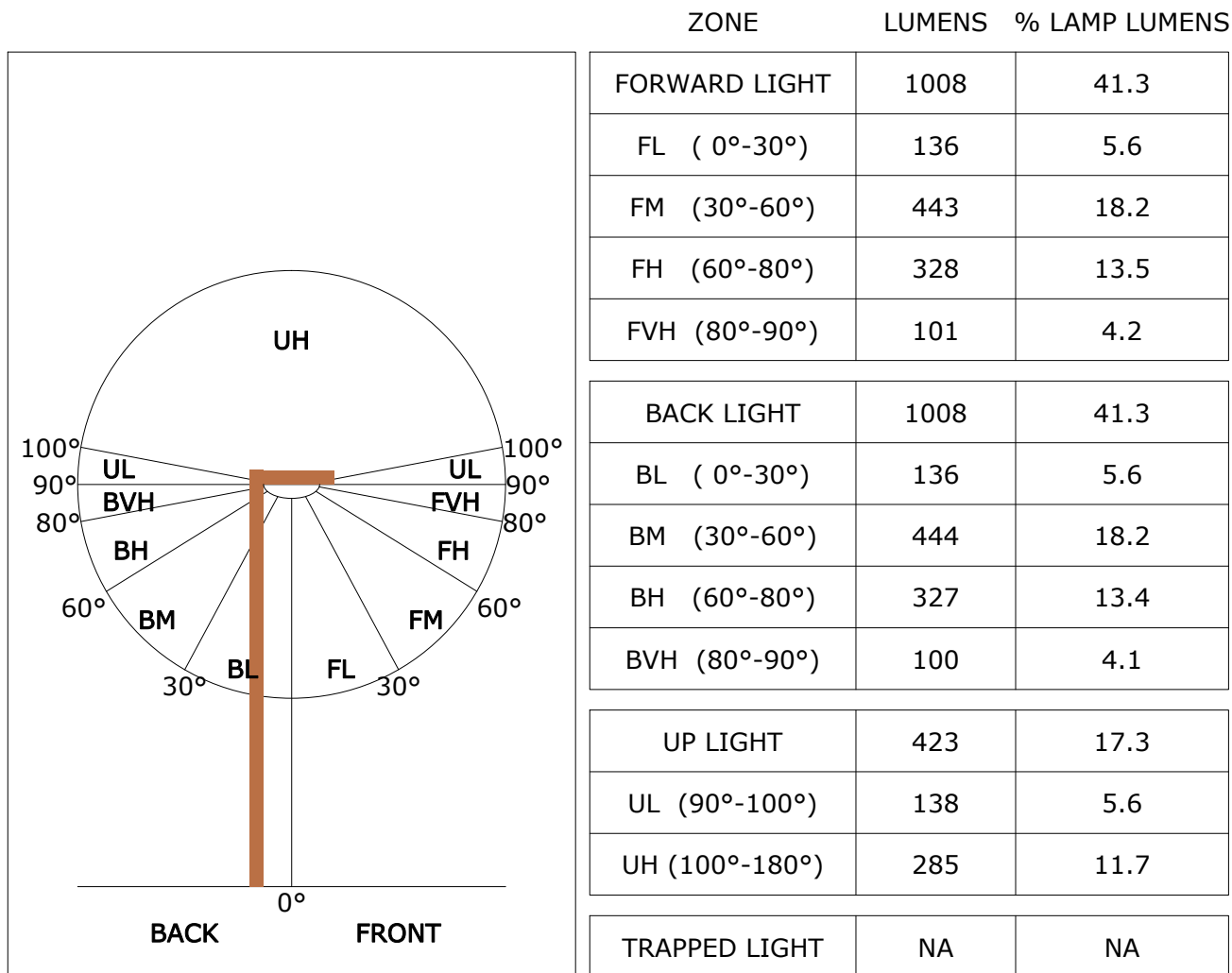
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 °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 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U3 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 '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	348.1	348.1	348.1	348.1	348.1	348.1	348.1	348.1	348.1	348.1
G1.0	348.5	348.6	349.7	350.1	350.2	349.9	349.9	349.9	349.8	350.5
G2.0	350.3	350.2	350.4	350.0	349.7	348.8	348.6	349.0	348.6	349.6
G3.0	349.2	349.5	348.8	348.7	348.2	347.7	347.1	347.2	346.8	348.5
G4.0	348.1	348.6	347.4	346.6	346.4	345.8	345.6	345.5	345.2	346.3
G5.0	346.9	347.0	345.2	344.5	344.4	343.8	343.1	343.3	343.5	344.2
G6.0	344.6	344.6	343.5	342.4	341.0	340.6	340.7	340.6	341.2	341.7
G7.0	342.6	342.2	340.7	338.3	337.6	337.6	337.6	337.7	338.0	338.4
G8.0	340.7	339.8	337.6	335.5	334.6	334.6	335.1	334.8	336.0	336.8
G9.0	339.0	338.0	335.8	333.1	332.4	332.4	333.3	334.0	334.7	335.6
G10.0	337.3	336.9	334.5	331.4	329.7	330.7	332.3	333.1	333.4	334.2
G11.0	336.1	335.6	333.6	329.6	327.6	328.6	331.3	332.1	332.9	333.2
G12.0	335.8	334.5	332.4	328.3	326.0	326.8	329.6	331.2	332.2	332.2
G13.0	335.0	333.7	331.4	326.8	324.1	324.8	328.5	330.5	330.8	331.1
G14.0	333.8	332.9	330.0	325.4	321.8	323.1	327.1	329.0	329.4	329.8
G15.0	332.4	331.8	329.1	324.2	319.9	321.3	325.5	328.1	327.6	328.4
G16.0	331.5	330.8	328.0	322.8	318.2	319.4	324.3	326.9	326.0	326.8
G17.0	330.4	329.0	327.0	321.4	316.1	317.2	323.0	325.8	323.8	325.0
G18.0	329.3	328.1	326.0	320.1	313.9	315.5	321.9	324.3	321.5	323.1
G19.0	328.0	326.6	325.0	318.8	311.8	313.6	320.6	323.3	319.8	321.8
G20.0	326.6	325.4	324.3	317.5	309.7	311.7	319.7	321.7	318.2	320.5
G21.0	325.3	324.4	323.6	316.3	307.4	310.1	318.8	320.8	316.8	319.2
G22.0	324.4	323.5	323.1	315.4	306.2	308.6	318.1	320.0	315.5	318.3
G23.0	323.4	323.0	322.5	314.9	305.1	307.6	317.7	319.6	314.1	317.7
G24.0	323.1	322.4	322.5	314.3	304.3	307.1	317.3	318.6	313.3	316.9
G25.0	323.4	322.3	322.0	314.0	303.6	306.9	317.1	319.3	313.1	316.7
G26.0	323.8	322.6	322.1	313.8	303.5	306.5	317.4	319.5	313.3	316.9
G27.0	324.6	323.1	322.4	314.3	303.6	307.1	318.0	320.7	313.8	317.6
G28.0	325.6	323.7	323.2	315.0	304.1	307.8	319.2	322.0	314.9	318.9
G29.0	326.5	325.2	324.3	316.0	304.8	309.3	320.3	323.4	316.7	321.3
G30.0	328.5	326.8	325.9	317.6	306.3	311.3	322.1	325.0	318.7	323.7
G31.0	330.7	329.1	328.4	320.1	308.5	313.8	324.7	327.3	321.1	326.4
G32.0	333.6	332.1	331.3	322.5	311.4	317.0	328.4	330.6	324.1	329.4
G33.0	337.0	335.5	334.9	326.0	314.8	321.4	332.4	334.5	327.5	332.6
G34.0	340.3	339.6	339.3	330.4	319.0	326.1	337.2	338.6	331.0	336.2
G35.0	344.3	343.7	343.7	334.7	323.3	331.3	342.9	343.6	335.8	340.4
G36.0	349.3	348.4	348.8	339.4	328.0	336.9	349.2	349.7	340.7	345.1

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	353.9	353.8	353.9	344.2	333.3	342.9	355.1	354.6	346.4	350.4
G38.0	359.3	359.1	359.5	348.7	338.5	348.6	361.8	360.8	352.0	355.9
G39.0	364.6	364.7	364.8	354.8	344.4	355.4	368.0	367.7	357.9	362.5
G40.0	370.0	370.6	370.8	360.1	350.1	361.5	374.2	373.3	363.4	368.0
G41.0	375.2	376.0	378.1	365.8	355.5	367.9	381.4	379.6	368.6	373.5
G42.0	381.0	382.6	383.9	371.2	361.4	374.6	387.3	385.1	373.6	378.8
G43.0	387.5	388.2	390.0	376.9	367.1	380.6	393.6	391.3	378.1	383.9
G44.0	392.9	394.0	396.0	382.2	372.6	386.4	400.2	396.8	383.0	389.0
G45.0	398.8	399.5	401.4	387.1	377.8	391.9	406.4	402.3	387.2	393.1
G46.0	404.0	404.9	406.3	391.4	382.4	397.2	411.7	406.9	390.6	396.9
G47.0	408.1	409.4	410.9	395.5	386.2	400.9	416.6	412.0	393.9	400.3
G48.0	411.9	412.6	413.8	398.3	389.4	404.9	420.4	415.6	397.1	403.5
G49.0	415.8	414.7	416.2	400.4	391.9	407.3	423.7	418.7	400.4	406.7
G50.0	417.7	417.2	418.3	402.4	393.9	408.6	425.5	421.1	403.0	409.1
G51.0	419.6	418.7	420.0	403.9	394.9	410.3	427.0	421.4	404.5	411.0
G52.0	421.0	419.1	421.1	404.0	395.8	410.2	427.6	422.0	405.3	412.0
G53.0	421.7	419.5	421.4	404.3	395.8	411.1	427.6	422.1	405.2	411.9
G54.0	421.5	419.3	420.9	403.7	395.2	410.6	426.7	421.9	403.9	411.3
G55.0	421.0	418.2	420.1	402.3	394.2	409.1	424.8	419.7	402.7	409.7
G56.0	419.0	416.9	418.3	400.6	393.0	407.6	422.2	418.3	400.8	407.2
G57.0	417.6	414.7	416.3	398.3	390.9	405.3	419.3	415.1	397.6	403.7
G58.0	415.2	411.5	413.9	394.8	388.4	402.3	415.5	410.9	394.1	399.7
G59.0	412.0	408.0	410.4	391.9	386.0	398.8	411.4	406.9	390.0	394.9
G60.0	408.4	404.4	406.1	387.3	382.9	394.8	406.9	402.3	385.1	389.6
G61.0	404.1	400.1	401.8	382.7	378.6	389.7	401.7	396.8	379.9	383.7
G62.0	399.2	393.8	396.4	377.5	374.9	385.0	394.3	390.4	373.3	376.8
G63.0	393.7	388.1	390.1	372.1	369.6	378.5	387.9	383.6	366.9	370.2
G64.0	387.5	381.6	383.9	366.6	363.8	371.8	380.8	376.3	360.3	363.4
G65.0	380.5	375.2	376.8	359.4	357.6	365.6	373.3	368.6	353.6	355.9
G66.0	374.0	368.2	368.8	351.7	351.4	357.9	365.2	360.8	346.6	348.6
G67.0	366.0	360.4	361.2	344.4	344.6	350.7	356.7	352.2	338.1	340.3
G68.0	358.9	352.1	352.6	336.6	337.1	342.9	347.2	342.9	330.4	332.2
G69.0	350.5	343.6	342.9	328.0	329.3	333.8	337.7	333.5	322.7	324.1
G70.0	341.0	335.0	334.0	319.0	320.9	325.0	327.4	323.4	314.1	315.2
G71.0	332.2	325.7	324.2	309.8	312.3	316.4	317.0	312.8	304.9	305.0
G72.0	322.8	316.2	314.6	301.5	304.5	306.3	307.4	304.0	295.4	295.7
G73.0	314.4	307.3	305.1	293.0	295.0	297.2	296.7	293.3	286.4	286.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	303.7	297.0	295.0	283.1	286.4	287.1	286.2	282.9	277.2	276.9
G75.0	293.9	287.9	285.1	272.9	276.3	278.2	275.1	272.8	266.7	266.6
G76.0	283.2	276.7	274.2	263.4	267.2	267.0	263.7	262.4	257.3	256.9
G77.0	272.3	266.6	263.7	253.6	257.0	257.4	252.5	252.4	247.9	247.3
G78.0	262.2	257.1	253.4	243.9	247.4	247.5	242.7	241.2	238.5	237.5
G79.0	251.7	247.1	243.9	235.0	238.7	238.3	232.1	231.7	228.6	228.2
G80.0	241.9	236.8	233.7	225.6	229.1	228.8	221.8	221.9	219.6	218.1
G81.0	232.1	227.2	222.6	217.0	220.3	218.8	211.2	212.9	211.0	209.2
G82.0	221.5	217.6	213.0	207.7	211.3	210.5	201.6	203.6	202.7	200.6
G83.0	212.3	208.4	203.2	198.8	202.8	201.8	192.2	194.6	194.4	192.2
G84.0	203.0	199.1	194.4	190.3	194.4	193.6	184.2	185.9	185.7	183.6
G85.0	194.4	191.2	185.1	182.4	186.9	184.9	176.0	178.4	178.4	176.0
G86.0	186.7	184.1	176.5	174.5	179.4	177.8	168.7	170.9	171.5	169.3
G87.0	178.4	176.0	168.9	167.2	171.9	170.3	160.9	163.7	164.2	162.8
G88.0	171.0	168.5	161.2	159.8	165.0	163.8	154.3	157.5	158.3	156.0
G89.0	164.3	162.4	154.3	153.4	159.2	157.4	148.5	151.4	152.6	150.2
G90.0	158.5	156.4	147.8	147.5	152.9	151.6	142.6	145.9	147.2	144.9
G91.0	152.5	150.3	142.3	142.3	147.8	146.3	137.7	141.0	142.2	140.0
G92.0	147.3	145.5	136.7	137.6	143.1	141.3	132.8	136.0	137.4	134.9
G93.0	141.5	140.2	132.0	132.4	137.9	136.7	128.1	131.7	133.1	130.6
G94.0	137.1	135.5	127.1	128.1	133.2	131.9	123.7	127.6	129.1	126.6
G95.0	132.7	131.1	122.8	124.1	128.8	127.8	120.2	123.7	125.5	123.0
G96.0	128.5	127.4	119.1	120.5	124.9	123.9	116.3	120.0	121.5	119.6
G97.0	124.7	123.6	115.7	116.6	121.6	119.9	112.8	116.6	118.3	116.1
G98.0	121.0	120.3	112.0	113.3	118.7	116.7	109.0	113.2	115.3	113.0
G99.0	117.6	116.5	108.8	110.3	115.4	113.8	106.0	110.0	112.0	110.2
G100.0	113.9	113.4	105.3	107.3	112.5	110.4	103.4	106.8	109.3	107.3
G101.0	111.0	110.1	102.3	104.7	110.0	107.9	100.7	104.2	106.7	104.8
G102.0	108.2	107.0	99.7	102.4	107.7	105.4	98.5	101.8	104.3	102.3
G103.0	102.9	104.2	97.5	99.8	105.0	103.0	96.1	99.5	98.3	100.0
G104.0	84.6	101.7	95.0	97.7	102.7	100.2	93.8	97.3	79.3	97.6
G105.0	66.3	99.2	92.9	95.4	100.4	97.9	91.6	94.9	64.0	95.5
G106.0	56.1	96.8	90.5	93.3	98.2	95.6	89.4	92.6	54.4	93.4
G107.0	45.2	94.6	88.4	91.1	96.0	93.5	87.6	90.8	43.2	91.3
G108.0	35.8	92.4	86.7	89.2	94.0	91.5	85.6	88.7	34.8	89.2
G109.0	30.1	90.2	84.7	87.1	91.7	89.6	83.7	86.8	29.1	87.2
G110.0	23.1	88.4	82.8	85.2	89.4	87.5	81.7	84.9	22.5	85.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	16.5	86.3	81.0	83.2	87.2	85.6	80.1	83.0	16.5	83.3
G112.0	11.9	84.4	79.1	81.5	85.1	83.7	78.4	81.1	11.9	81.6
G113.0	8.6	82.4	77.4	79.7	83.3	81.7	76.7	79.5	8.0	79.8
G114.0	11.6	80.7	75.8	78.1	81.1	80.0	75.1	77.8	10.6	78.1
G115.0	17.2	78.9	74.2	76.3	79.6	78.2	73.7	76.2	15.7	76.3
G116.0	22.2	77.1	72.6	74.7	77.8	76.5	72.0	74.7	20.5	74.8
G117.0	26.4	75.5	71.0	73.0	76.0	74.9	70.5	72.9	24.3	73.2
G118.0	29.7	73.8	69.6	71.3	74.3	73.1	69.1	71.4	27.2	71.4
G119.0	32.1	72.3	68.1	69.9	72.7	71.6	67.7	69.9	29.5	69.9
G120.0	34.6	70.7	66.9	68.5	71.2	70.1	66.4	68.6	31.8	68.4
G121.0	36.4	69.3	65.4	67.0	69.7	68.7	65.0	67.1	34.0	66.9
G122.0	37.4	67.6	64.1	65.6	68.1	67.1	63.7	65.8	35.2	65.4
G123.0	36.8	66.1	62.8	64.1	66.6	65.5	62.4	64.2	35.1	64.0
G124.0	36.1	64.6	61.4	62.8	65.2	64.0	61.1	62.9	34.3	62.7
G125.0	35.3	63.3	60.3	61.5	63.7	62.8	59.9	61.6	33.7	61.3
G126.0	34.5	61.9	59.0	60.1	62.2	61.4	58.6	60.3	33.1	59.8
G127.0	33.8	60.5	57.6	58.9	61.0	60.0	57.4	59.1	32.4	58.6
G128.0	33.0	59.3	56.5	57.5	59.6	58.7	56.1	57.7	31.7	57.3
G129.0	32.2	57.8	55.3	56.2	58.2	57.3	54.8	56.3	31.0	55.9
G130.0	31.5	56.6	54.0	54.9	56.7	56.0	53.6	55.0	30.3	54.6
G131.0	30.6	55.2	52.8	53.6	55.2	54.6	52.4	53.8	29.5	53.3
G132.0	29.9	53.9	51.7	52.4	54.0	53.4	51.2	52.5	28.8	52.0
G133.0	29.2	52.6	50.4	51.2	52.6	52.0	50.0	51.3	27.9	50.8
G134.0	28.5	51.4	49.2	49.7	50.6	50.8	48.7	50.1	27.2	49.4
G135.0	27.6	49.9	48.0	48.5	45.8	49.3	47.5	48.7	26.4	48.1
G136.0	26.9	48.7	46.6	47.3	41.4	48.0	46.2	47.4	25.6	46.7
G137.0	26.2	47.4	45.5	46.0	37.5	46.8	45.0	46.2	24.9	45.4
G138.0	25.5	46.1	44.2	44.8	33.5	45.4	43.9	44.9	24.2	44.2
G139.0	24.8	44.8	43.1	43.5	30.2	44.2	42.6	43.6	23.5	42.9
G140.0	24.1	43.5	41.9	42.1	27.1	42.8	41.4	42.5	22.8	41.6
G141.0	23.3	42.2	40.6	40.8	24.1	41.5	40.1	41.0	22.1	40.2
G142.0	22.6	40.7	39.2	39.6	22.7	40.0	38.8	39.7	21.3	39.0
G143.0	22.0	39.5	37.9	38.3	22.0	38.7	37.5	38.5	20.6	37.8
G144.0	21.4	38.1	36.8	37.0	21.3	37.4	36.4	37.2	19.9	36.5
G145.0	20.7	36.9	35.5	35.7	20.7	36.1	35.0	35.8	19.2	35.1
G146.0	20.1	35.4	34.1	34.5	19.9	34.7	33.7	34.6	18.5	33.9
G147.0	19.4	34.2	32.9	33.1	19.2	33.3	32.4	33.1	17.8	32.5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	18.8	32.7	31.6	31.8	18.4	32.0	31.1	31.8	17.1	31.2
G149.0	18.2	31.4	30.3	30.5	17.6	30.5	29.7	30.5	16.5	29.9
G150.0	17.4	30.3	28.9	29.3	16.7	29.3	28.5	29.1	15.7	28.7
G151.0	16.5	29.0	27.5	28.0	15.8	27.9	27.2	27.8	14.8	27.5
G152.0	15.6	27.6	26.1	26.5	15.2	26.5	26.0	26.6	14.0	26.1
G153.0	14.6	26.2	24.7	25.1	14.7	25.2	24.7	25.2	13.1	24.9
G154.0	13.5	24.9	23.3	23.3	14.1	23.8	23.4	23.9	12.1	23.7
G155.0	12.5	23.4	21.8	21.5	13.6	22.3	21.7	22.5	11.1	22.2
G156.0	11.6	21.5	20.5	19.7	13.2	21.0	19.9	20.9	10.1	20.8
G157.0	10.9	19.6	19.4	17.8	12.5	19.7	18.3	18.9	9.2	19.2
G158.0	10.0	17.8	18.1	15.9	12.0	18.3	16.7	16.9	8.3	16.6
G159.0	9.3	16.3	16.7	14.3	11.3	16.9	15.3	15.2	7.4	14.2
G160.0	8.5	14.7	15.5	12.5	10.7	15.5	13.8	13.5	6.9	13.0
G161.0	7.8	13.1	14.2	10.8	10.0	14.0	12.2	11.7	6.2	11.8
G162.0	7.0	11.8	13.0	9.7	9.3	12.7	11.0	10.2	5.7	9.9
G163.0	6.3	10.5	11.7	8.6	8.6	11.3	9.7	8.8	5.2	8.9
G164.0	5.6	9.2	10.5	7.4	7.8	10.0	8.3	7.3	4.8	7.3
G165.0	5.0	8.1	9.3	6.3	7.0	8.7	7.2	6.1	4.3	6.4
G166.0	4.5	6.9	8.0	5.4	6.2	7.5	6.2	5.1	3.9	5.7
G167.0	4.0	5.9	6.7	4.4	5.3	6.4	5.1	4.3	3.4	4.8
G168.0	3.5	5.0	5.5	3.6	4.5	5.3	4.3	3.5	3.0	4.0
G169.0	3.0	4.0	4.5	3.0	3.7	4.4	3.4	2.9	2.7	3.3
G170.0	2.6	3.1	3.3	2.3	3.0	3.5	2.7	2.4	2.3	2.7
G171.0	2.3	2.4	2.3	1.8	2.3	2.6	2.2	2.0	2.1	2.2
G172.0	1.9	1.9	1.7	1.2	1.9	2.1	1.7	1.6	1.9	2.0
G173.0	1.7	1.6	1.3	1.0	1.6	1.6	1.5	1.4	1.6	1.8
G174.0	1.5	1.5	1.3	1.0	1.3	1.4	1.3	1.3	1.4	1.6
G175.0	1.3	1.3	1.1	0.9	1.1	1.2	1.2	1.2	1.2	1.4
G176.0	1.1	1.2	1.0	0.9	1.1	1.1	1.1	1.1	1.1	1.2
G177.0	1.1	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1
G178.0	1.1	1.1	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1
G179.0	1.0	1.1	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1
G180.0	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	348.1	348.1	348.1	348.1	348.1	348.1	348.1			
G1.0	350.2	349.6	349.7	349.7	349.6	350.0	348.5			
G2.0	349.4	349.4	350.2	350.5	350.6	350.8	350.3			
G3.0	348.3	348.6	349.1	349.8	350.2	350.5	349.2			
G4.0	346.7	347.0	348.2	349.2	349.7	349.4	348.1			
G5.0	344.2	344.9	346.1	347.7	348.4	348.3	346.9			
G6.0	341.7	342.7	344.2	346.0	346.4	346.9	344.6			
G7.0	338.9	340.0	341.3	343.1	344.7	345.3	342.6			
G8.0	336.5	337.6	338.7	340.4	342.9	343.2	340.7			
G9.0	335.5	335.8	336.7	339.0	341.4	342.4	339.0			
G10.0	334.4	333.8	335.0	337.7	341.3	341.4	337.3			
G11.0	332.6	331.7	333.5	336.6	340.2	340.9	336.1			
G12.0	330.5	330.0	332.1	335.6	338.8	340.5	335.8			
G13.0	329.3	327.9	330.8	334.7	337.6	339.8	335.0			
G14.0	327.7	325.3	328.8	333.3	336.4	338.7	333.8			
G15.0	325.5	323.6	326.4	331.8	335.2	338.1	332.4			
G16.0	323.6	320.7	324.5	330.0	333.6	336.7	331.5			
G17.0	321.9	318.6	322.4	328.2	332.8	335.4	330.4			
G18.0	320.3	316.5	320.0	326.3	331.3	334.0	329.3			
G19.0	318.8	314.3	317.8	324.3	329.8	332.5	328.0			
G20.0	317.4	312.3	315.6	322.7	328.3	331.2	326.6			
G21.0	316.2	310.4	314.0	321.3	326.7	330.2	325.3			
G22.0	315.2	309.0	312.3	320.0	325.4	328.9	324.4			
G23.0	313.8	307.7	310.9	318.8	324.1	327.9	323.4			
G24.0	312.8	306.5	309.6	317.8	322.8	327.0	323.1			
G25.0	312.5	305.6	309.0	317.1	322.0	326.8	323.4			
G26.0	312.5	305.4	308.6	316.9	321.8	327.0	323.8			
G27.0	312.8	305.7	308.8	317.1	322.4	327.7	324.6			
G28.0	313.8	306.6	309.5	317.9	323.3	328.9	325.6			
G29.0	315.6	308.0	310.9	319.7	324.5	330.5	326.5			
G30.0	317.9	309.7	312.7	321.3	326.3	332.4	328.5			
G31.0	320.4	312.2	314.9	323.6	328.7	334.7	330.7			
G32.0	323.8	315.4	317.5	326.2	331.6	337.8	333.6			
G33.0	327.2	318.5	320.8	329.1	334.8	341.4	337.0			
G34.0	331.2	322.3	324.4	332.4	338.1	344.7	340.3			
G35.0	335.3	326.6	328.4	336.4	342.6	349.1	344.3			
G36.0	340.3	331.2	333.7	340.9	347.8	354.6	349.3			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	346.4	337.2	339.2	346.0	353.9	360.1	353.9			
G38.0	352.7	343.3	344.9	351.7	360.0	365.7	359.3			
G39.0	359.5	349.8	351.1	358.3	366.2	371.9	364.6			
G40.0	366.1	356.0	357.1	363.9	372.5	377.8	370.0			
G41.0	372.2	362.2	363.3	369.5	378.9	383.7	375.2			
G42.0	378.4	367.9	369.4	375.2	385.2	390.0	381.0			
G43.0	385.1	374.0	374.8	380.6	391.9	395.1	387.5			
G44.0	390.4	379.2	380.1	385.6	397.4	400.5	392.9			
G45.0	395.5	383.7	385.2	390.1	402.7	406.5	398.8			
G46.0	399.9	388.9	390.1	394.1	407.5	411.4	404.0			
G47.0	404.1	392.6	394.3	398.1	412.1	415.6	408.1			
G48.0	407.7	396.0	398.3	402.2	416.8	420.1	411.9			
G49.0	410.9	399.1	402.0	405.8	421.0	424.0	415.8			
G50.0	413.6	401.4	405.5	408.6	424.1	427.0	417.7			
G51.0	416.2	403.4	408.7	411.0	427.2	429.6	419.6			
G52.0	417.8	404.6	410.4	412.5	428.6	430.6	421.0			
G53.0	417.9	404.8	410.9	413.3	429.4	430.9	421.7			
G54.0	417.4	404.5	411.2	413.1	429.3	430.4	421.5			
G55.0	415.5	403.1	410.1	412.2	428.6	429.8	421.0			
G56.0	413.1	400.9	408.6	410.3	427.2	427.5	419.0			
G57.0	409.9	398.5	406.4	407.6	424.8	424.6	417.6			
G58.0	405.8	395.1	403.8	405.0	421.4	420.8	415.2			
G59.0	401.4	391.0	400.5	400.6	417.6	416.6	412.0			
G60.0	395.9	385.9	396.4	395.8	412.6	410.9	408.4			
G61.0	388.7	380.1	391.9	391.1	407.0	405.2	404.1			
G62.0	382.4	374.5	386.9	385.4	400.7	399.0	399.2			
G63.0	375.8	367.2	381.0	379.3	394.2	391.4	393.7			
G64.0	368.2	360.3	374.9	372.9	387.2	384.5	387.5			
G65.0	359.9	353.6	368.9	366.4	380.6	377.6	380.5			
G66.0	352.2	346.5	362.2	359.9	372.6	369.5	374.0			
G67.0	344.1	339.3	355.6	352.0	364.3	361.8	366.0			
G68.0	336.2	331.0	347.5	344.6	356.2	353.2	358.9			
G69.0	326.6	323.1	339.9	336.8	347.0	345.1	350.5			
G70.0	317.7	315.1	331.8	328.6	337.8	336.2	341.0			
G71.0	308.5	306.5	323.1	319.1	328.5	327.1	332.2			
G72.0	298.8	296.3	313.3	309.9	318.2	317.1	322.8			
G73.0	287.9	287.2	304.0	300.8	308.4	306.3	314.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	277.9	278.0	294.3	291.2	297.1	296.4	303.7			
G75.0	268.0	268.6	284.6	281.2	286.7	286.5	293.9			
G76.0	257.7	259.1	274.5	271.1	275.9	276.1	283.2			
G77.0	247.5	248.8	263.4	261.4	265.3	265.8	272.3			
G78.0	236.4	239.0	253.3	251.4	253.6	254.7	262.2			
G79.0	226.3	229.6	243.4	241.7	243.0	244.4	251.7			
G80.0	216.8	220.4	233.8	231.0	232.4	234.4	241.9			
G81.0	206.5	210.8	223.6	221.8	222.3	223.8	232.1			
G82.0	197.3	201.9	214.1	212.5	211.2	214.0	221.5			
G83.0	188.4	193.3	205.0	203.7	201.5	204.7	212.3			
G84.0	180.1	185.3	196.3	194.4	192.3	195.9	203.0			
G85.0	172.0	177.3	187.2	186.2	183.3	187.2	194.4			
G86.0	164.1	168.9	179.5	178.6	175.1	178.4	186.7			
G87.0	157.2	162.2	172.1	171.3	166.8	171.0	178.4			
G88.0	150.8	155.6	165.3	163.9	159.5	163.9	171.0			
G89.0	144.7	149.4	158.9	157.5	152.8	157.3	164.3			
G90.0	138.5	143.4	152.4	151.6	146.5	150.5	158.5			
G91.0	133.4	138.2	146.9	146.1	139.9	144.7	152.5			
G92.0	128.6	133.5	142.0	140.6	134.6	139.5	147.3			
G93.0	124.4	128.7	137.2	136.0	129.6	134.0	141.5			
G94.0	120.0	124.7	133.0	131.7	125.0	129.4	137.1			
G95.0	116.3	121.0	129.1	127.7	120.5	125.1	132.7			
G96.0	112.8	117.5	125.3	124.0	116.7	120.9	128.5			
G97.0	109.7	114.2	121.5	120.3	113.2	116.9	124.7			
G98.0	106.7	111.0	118.3	117.1	110.0	113.2	121.0			
G99.0	103.9	108.2	115.2	114.0	106.8	110.2	117.6			
G100.0	101.3	105.4	112.2	110.7	103.9	107.3	113.9			
G101.0	98.8	102.8	109.4	107.9	101.2	104.5	111.0			
G102.0	96.5	100.3	106.7	105.2	98.6	101.7	108.2			
G103.0	94.0	97.9	104.1	102.6	95.8	99.2	102.9			
G104.0	91.8	95.7	101.4	99.9	93.5	96.9	84.6			
G105.0	89.8	93.2	99.0	97.5	91.3	94.3	66.3			
G106.0	87.8	91.2	96.8	95.1	89.0	92.1	56.1			
G107.0	85.8	89.1	94.6	93.1	86.9	90.0	45.2			
G108.0	83.9	87.1	92.2	90.7	84.9	87.9	35.8			
G109.0	82.1	85.1	90.0	88.6	83.0	86.0	30.1			
G110.0	80.2	83.2	87.9	86.6	81.0	84.0	23.1			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	78.5	81.4	85.8	84.5	79.2	82.2	16.5			
G112.0	77.0	79.6	83.8	82.6	77.5	80.4	11.9			
G113.0	75.2	77.8	81.9	80.8	75.9	78.4	8.6			
G114.0	73.7	76.2	80.0	78.8	74.1	76.8	11.6			
G115.0	72.2	74.5	78.0	77.1	72.5	75.1	17.2			
G116.0	70.7	72.9	76.4	75.4	71.0	73.4	22.2			
G117.0	69.2	71.4	74.8	73.7	69.5	71.8	26.4			
G118.0	67.8	70.0	73.0	72.0	68.0	70.4	29.7			
G119.0	66.5	68.5	71.4	70.4	66.7	68.9	32.1			
G120.0	65.2	67.0	69.9	68.9	65.1	67.4	34.6			
G121.0	63.6	65.6	68.4	67.4	63.7	65.9	36.4			
G122.0	62.4	64.3	66.8	65.8	62.5	64.6	37.4			
G123.0	61.1	62.8	65.4	64.4	61.2	63.1	36.8			
G124.0	59.8	61.4	64.0	63.1	59.9	61.8	36.1			
G125.0	58.5	60.0	62.6	61.7	58.7	60.5	35.3			
G126.0	57.4	58.9	61.0	60.2	57.5	59.3	34.5			
G127.0	56.2	57.5	59.6	58.9	56.3	58.1	33.8			
G128.0	54.9	56.3	58.3	57.6	55.1	56.7	33.0			
G129.0	53.7	55.1	56.9	56.2	53.9	55.5	32.2			
G130.0	52.5	53.8	55.5	54.8	52.7	54.3	31.5			
G131.0	51.3	52.6	54.2	53.6	51.5	53.0	30.6			
G132.0	50.1	51.2	52.9	52.3	50.2	51.8	29.9			
G133.0	48.8	50.0	51.6	50.9	49.0	50.4	29.2			
G134.0	47.6	48.8	50.1	49.6	47.8	49.2	28.5			
G135.0	46.3	47.4	47.0	48.4	46.6	47.9	27.6			
G136.0	45.1	46.1	42.4	46.9	45.4	46.7	26.9			
G137.0	44.0	44.9	38.3	45.6	44.2	45.4	26.2			
G138.0	42.8	43.7	34.3	44.4	43.1	44.3	25.5			
G139.0	41.6	42.4	30.5	43.2	41.9	43.0	24.8			
G140.0	40.2	41.2	27.7	41.8	40.6	41.8	24.1			
G141.0	39.0	40.0	24.1	40.5	39.4	40.6	23.3			
G142.0	37.7	38.6	22.1	39.3	38.1	39.2	22.6			
G143.0	36.5	37.4	21.1	38.0	36.9	38.0	22.0			
G144.0	35.3	36.2	20.5	36.7	35.8	36.8	21.4			
G145.0	34.2	34.8	19.7	35.5	34.6	35.6	20.7			
G146.0	32.8	33.6	19.0	34.2	33.3	34.3	20.1			
G147.0	31.6	32.4	18.4	32.9	32.0	33.1	19.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 '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	30.3	31.2	17.6	31.6	30.9	31.8	18.8			
G149.0	29.2	29.8	16.9	30.4	29.7	30.5	18.2			
G150.0	27.9	28.5	16.2	29.2	28.3	29.3	17.4			
G151.0	26.6	27.3	15.5	27.9	27.0	28.2	16.5			
G152.0	25.4	26.0	14.7	26.6	25.7	26.9	15.6			
G153.0	24.2	24.8	14.0	25.4	24.2	25.6	14.6			
G154.0	22.7	23.6	13.3	24.0	23.0	24.2	13.5			
G155.0	21.2	22.3	12.6	22.7	21.7	22.6	12.5			
G156.0	19.8	21.1	11.8	21.4	20.3	20.8	11.6			
G157.0	18.4	19.7	11.0	20.1	18.8	18.8	10.9			
G158.0	16.9	18.4	10.3	18.6	17.4	17.2	10.0			
G159.0	15.5	17.1	9.5	17.3	16.0	15.6	9.3			
G160.0	14.2	15.6	8.7	15.9	14.5	14.0	8.5			
G161.0	12.8	14.3	7.8	14.3	13.3	12.4	7.8			
G162.0	11.5	12.8	6.5	12.6	12.1	11.0	7.0			
G163.0	10.2	10.8	5.0	11.2	10.9	9.5	6.3			
G164.0	8.9	9.1	4.4	9.8	9.7	8.2	5.6			
G165.0	7.7	7.8	3.9	8.5	8.5	7.2	5.0			
G166.0	6.8	6.5	3.4	7.1	7.4	6.2	4.5			
G167.0	5.8	5.4	2.8	5.9	6.4	5.2	4.0			
G168.0	4.9	4.5	2.4	4.6	5.1	4.4	3.5			
G169.0	4.0	3.7	2.2	3.4	4.2	3.8	3.0			
G170.0	3.3	3.0	1.9	2.4	3.2	3.2	2.6			
G171.0	2.7	2.4	1.7	1.7	2.3	2.6	2.3			
G172.0	2.3	2.0	1.4	1.4	1.8	2.2	1.9			
G173.0	1.9	1.6	1.2	1.4	1.7	1.9	1.7			
G174.0	1.5	1.3	1.1	1.3	1.5	1.6	1.5			
G175.0	1.4	1.3	1.1	1.3	1.4	1.4	1.3			
G176.0	1.2	1.1	1.1	1.2	1.3	1.2	1.1			
G177.0	1.1	1.1	1.0	1.1	1.1	1.1	1.1			
G178.0	1.1	1.1	1.0	1.1	1.0	1.0	1.1			
G179.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0			
G180.0	1.1	1.0	1.0	1.0	1.1	1.1	1.0			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

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