

Report No.:

Test Time: 2026-03-16 19:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: T-SUBFOT-100W-A

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.4260 A

Power Factor: 0.9840

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 228.69 V

Power: 95.92 W

Photometric Results

CIE Class: Direct

Measurement Flux: 11437 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H135.4

Vertical Diffuse Angle(50%): V92.8

Luminous Efficacy (lm/w): 119.24

Max. Intensity: 5742.75 cd

S/MH(C0/C180): 2.20

Total Rated Lamp Lumens: 11437.0 lm

Efficiency: 100%

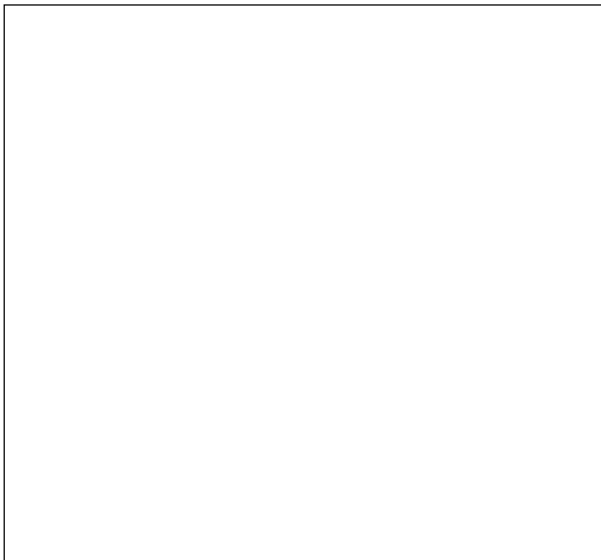
Upward Ratio: 1%

C0r0 Intensity: 3122.19 cd

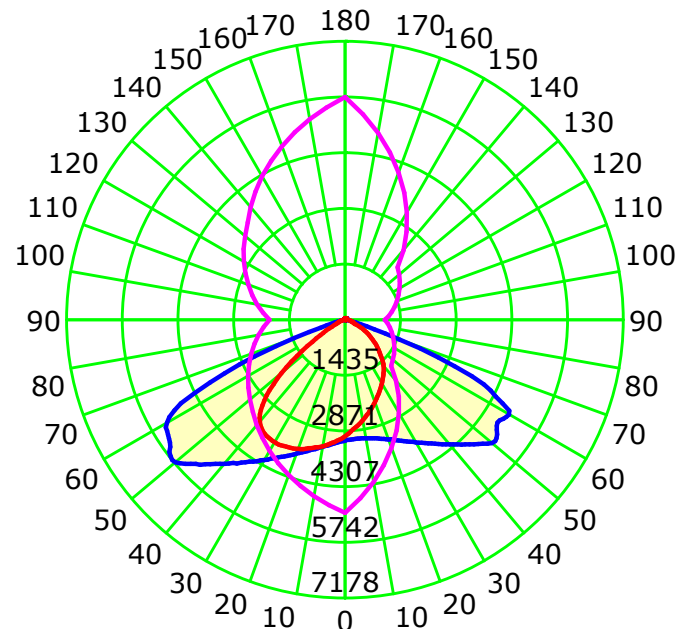
Pos of Max. Intensity: H180 V51

S/MH(C90/C270): 1.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 109.3°

— C0-C180 — C90-C270 — G51

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

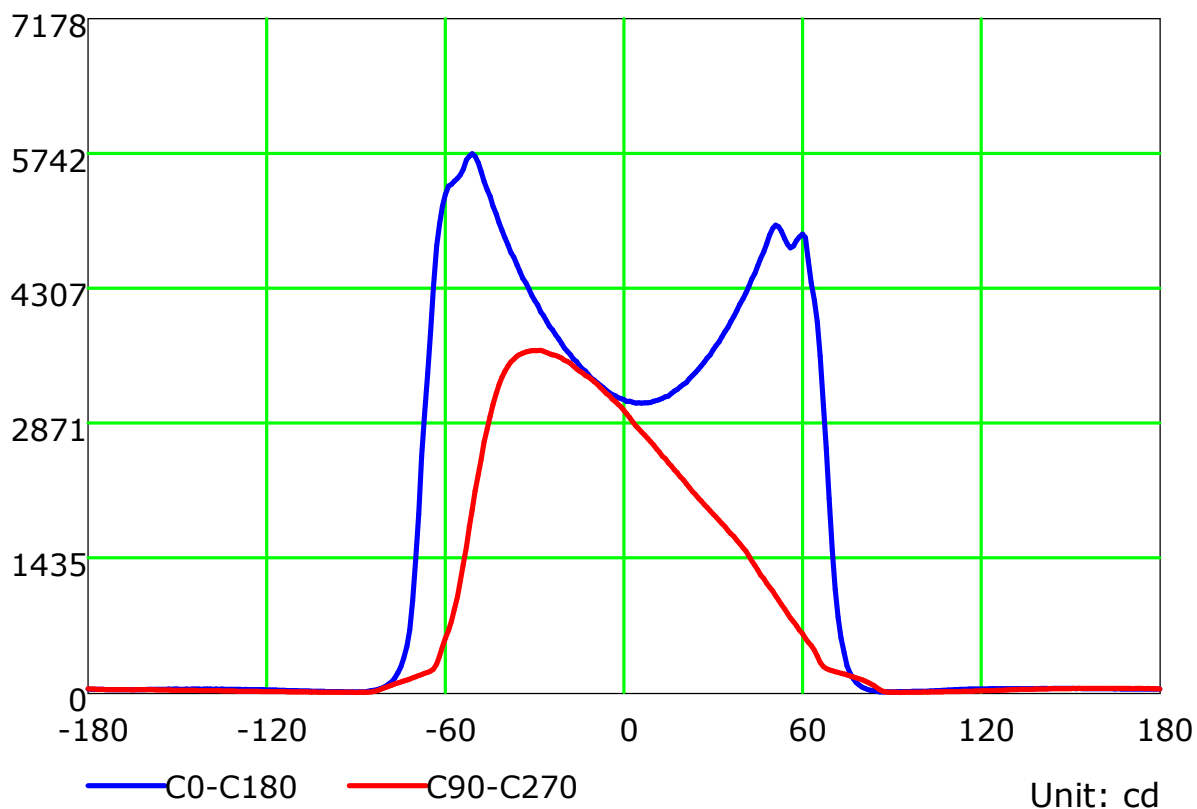
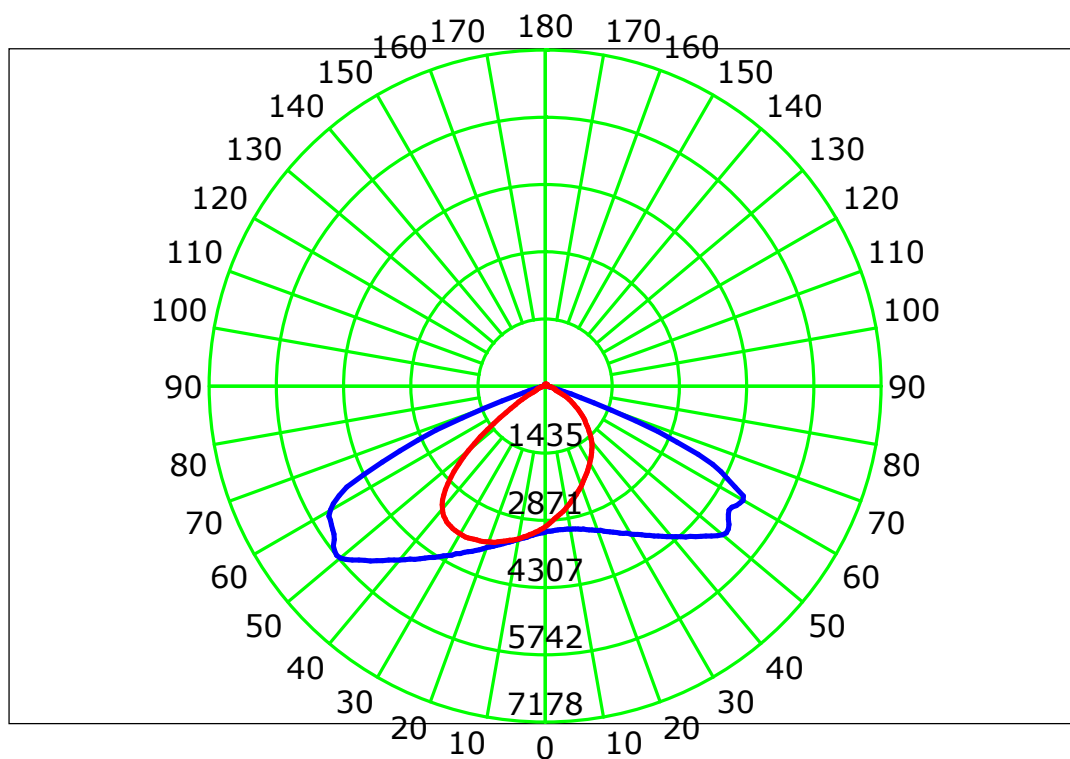
Test Device: GPM-1600L

Distance: 9.903 m [K=1.0000]

Humidity:

Inspector:

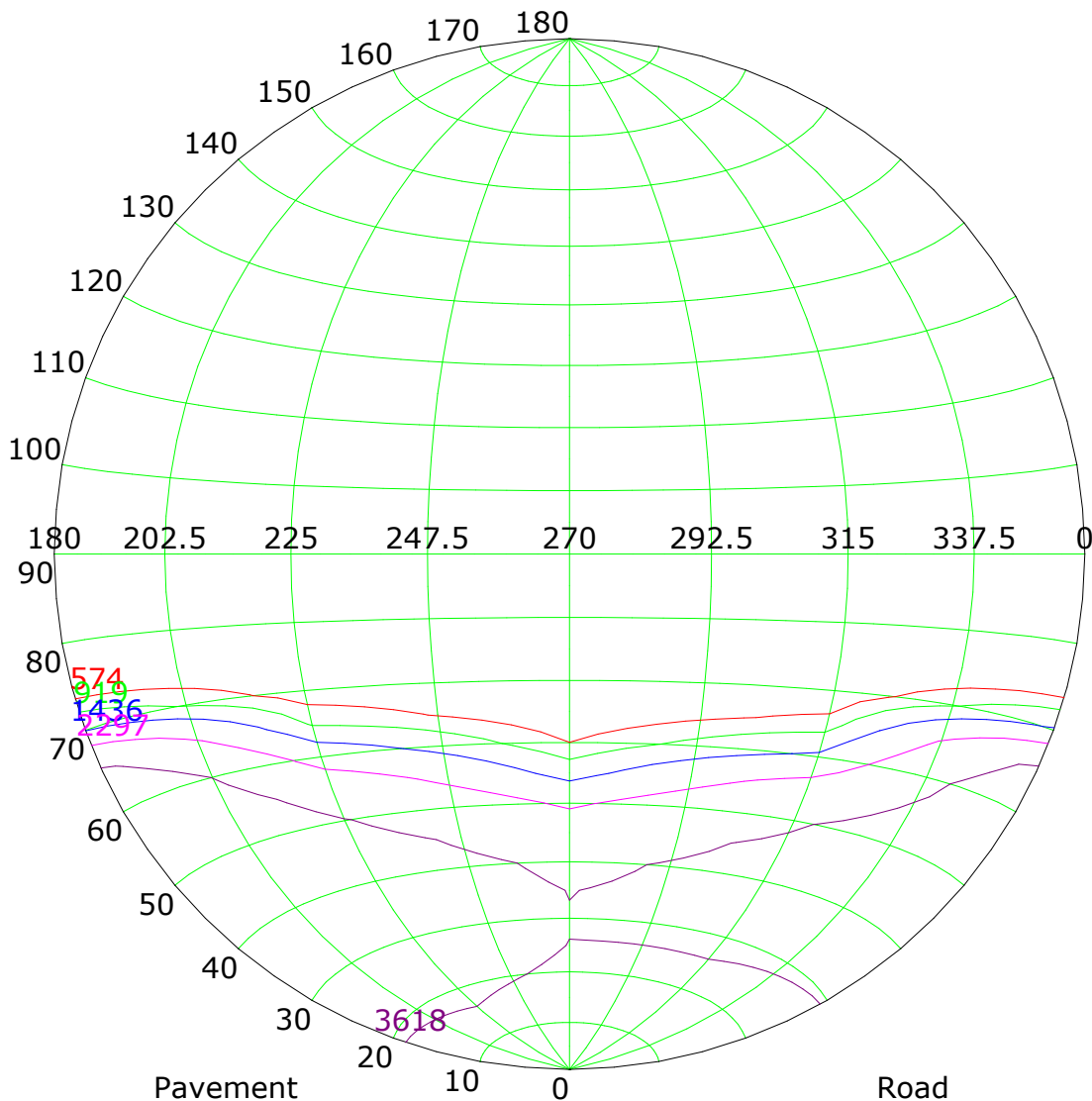
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 5743 cd

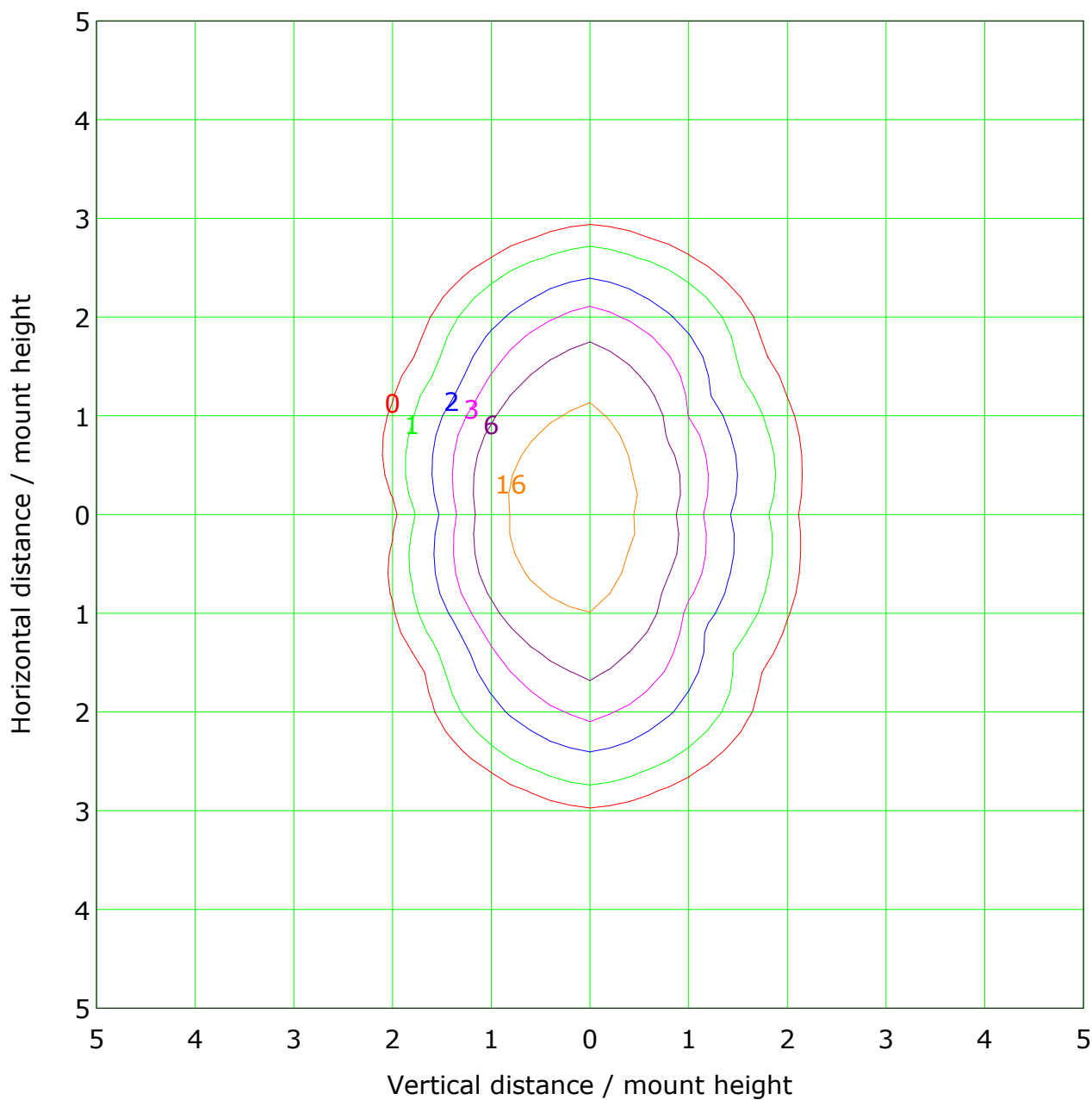
(10%): 574 cd
(25%): 1436 cd
(63%): 3618 cd

(16%): 919 cd
(40%): 2297 cd
(100%): 5743 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.762 cd/klm

IES: Cut-off
Max.At80: 12.052 cd/klm
Max.80-90: 12.052 cd/klm

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 32.5 lx

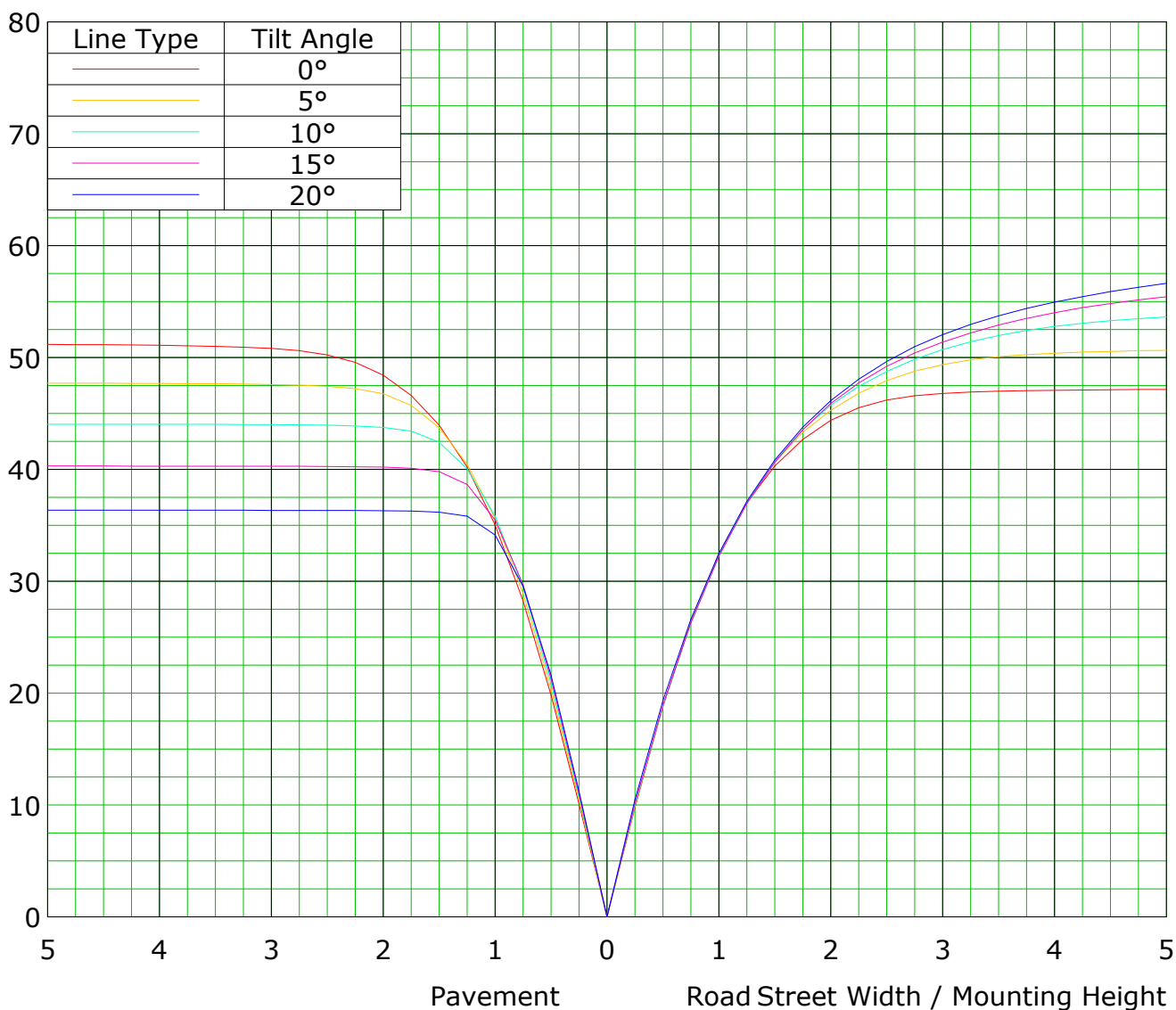
(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.6 lx	(10%): 3.2 lx
(20%): 6.5 lx	(50%): 16.2 lx
(100%): 32.5 lx	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



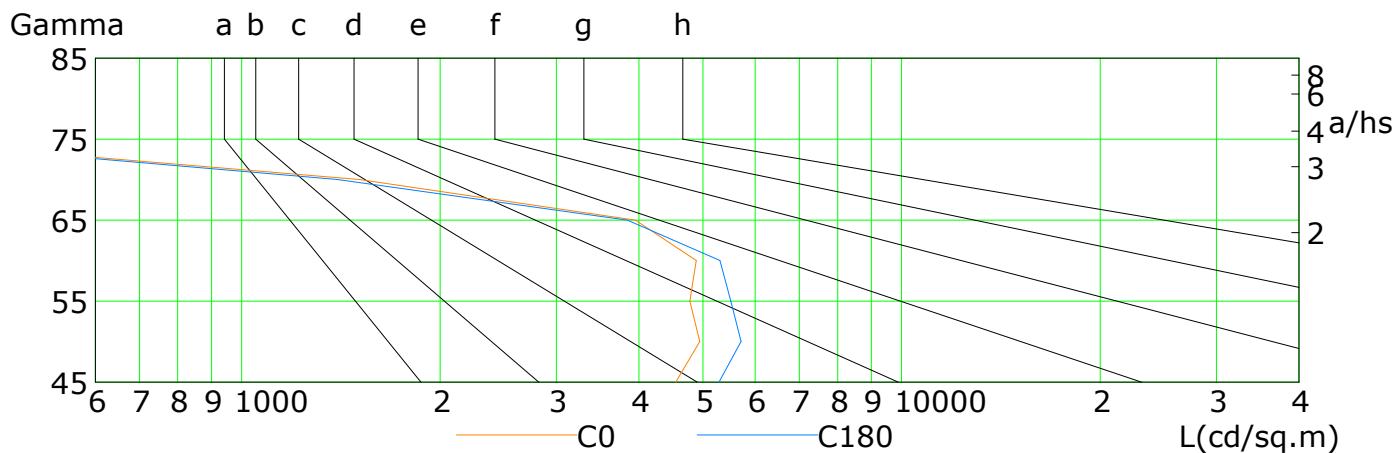
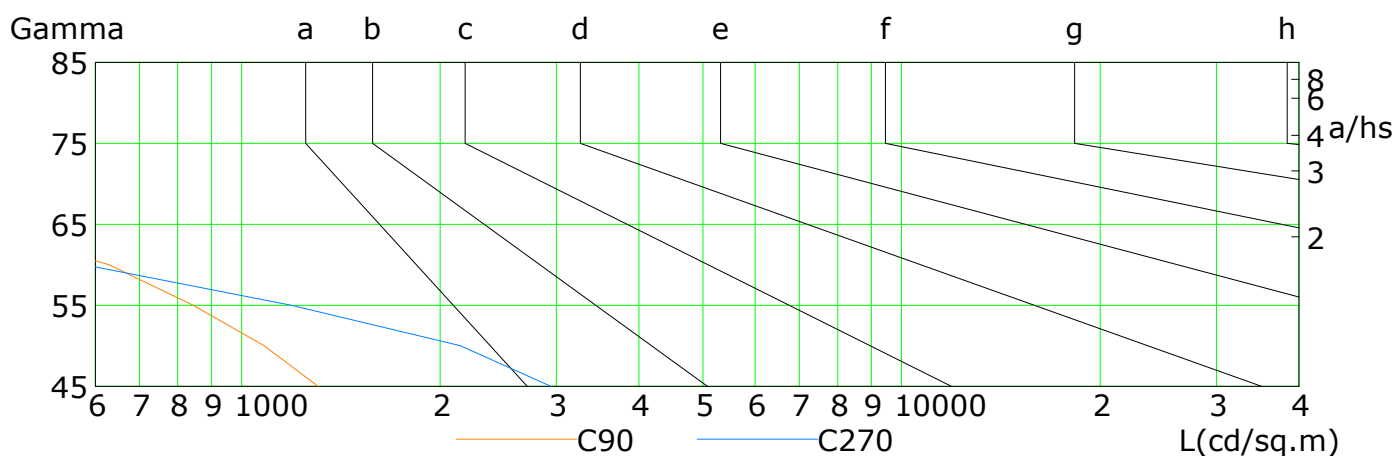
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 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

a b c d e f g h

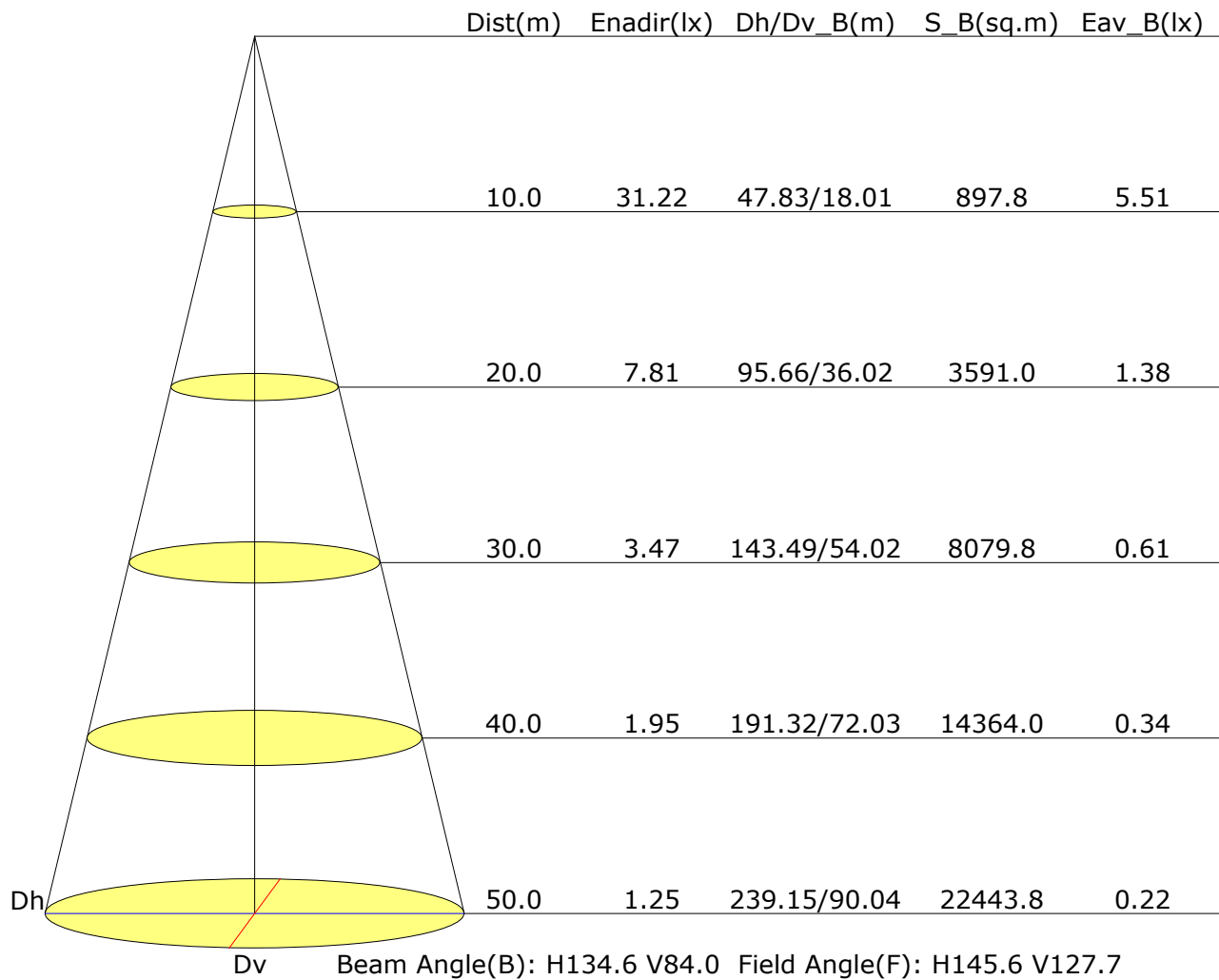


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4547	4945	4776	4885	3952	1507	283	61	14
C90	1306	1081	845	629	392	235	188	138	54
C180	5287	5715	5515	5304	3843	1397	274	71	22
C270	2944	2145	1191	577	232	169	114	56	7

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

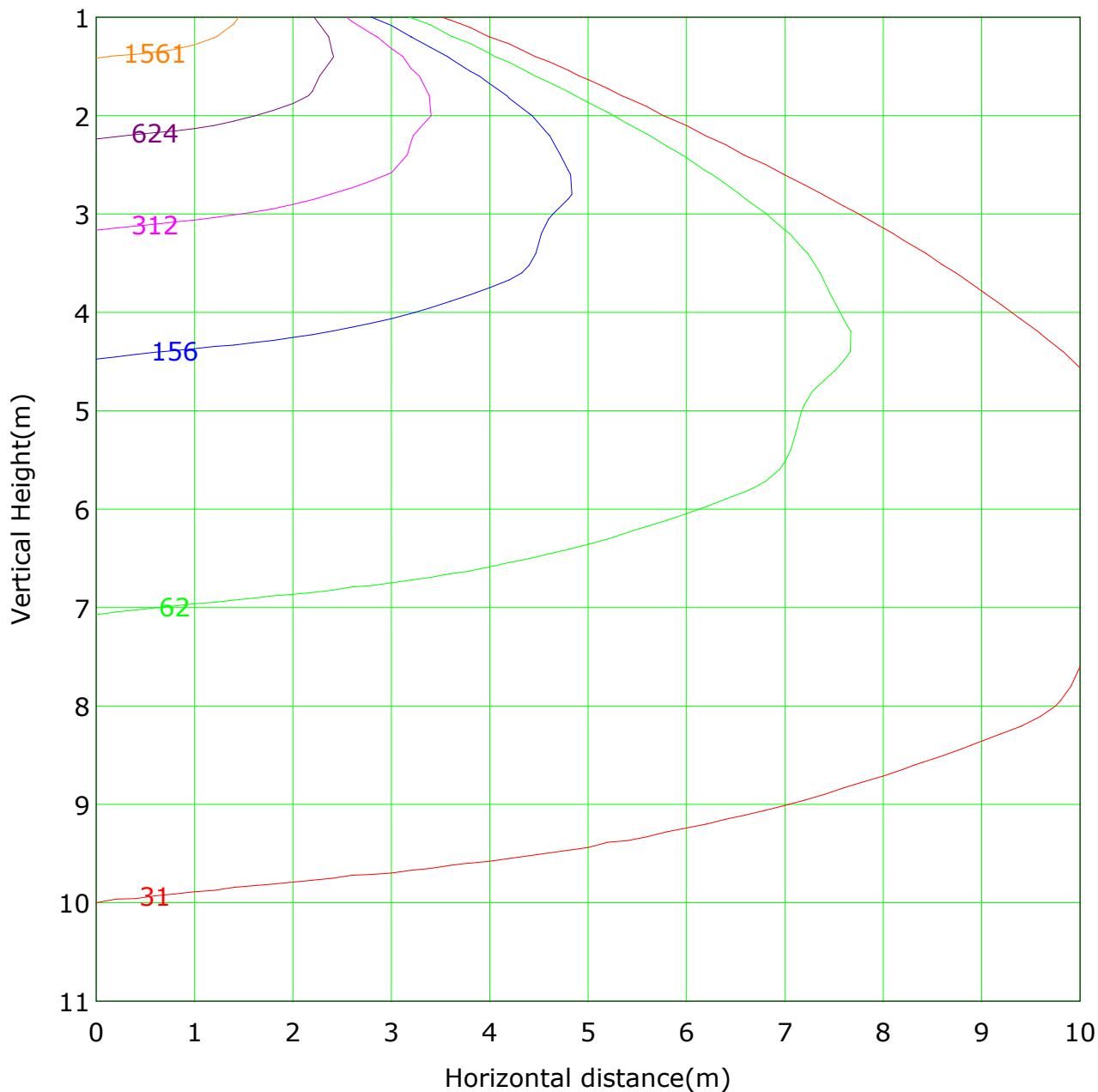
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3122.2 lx

(1%): 31.2 lx	(2%): 62.4 lx
(5%): 156.1 lx	(10%): 312.2 lx
(20%): 624.4 lx	(50%): 1561.1 lx
(100%): 3122.2 lx	

C Plane (°): 0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

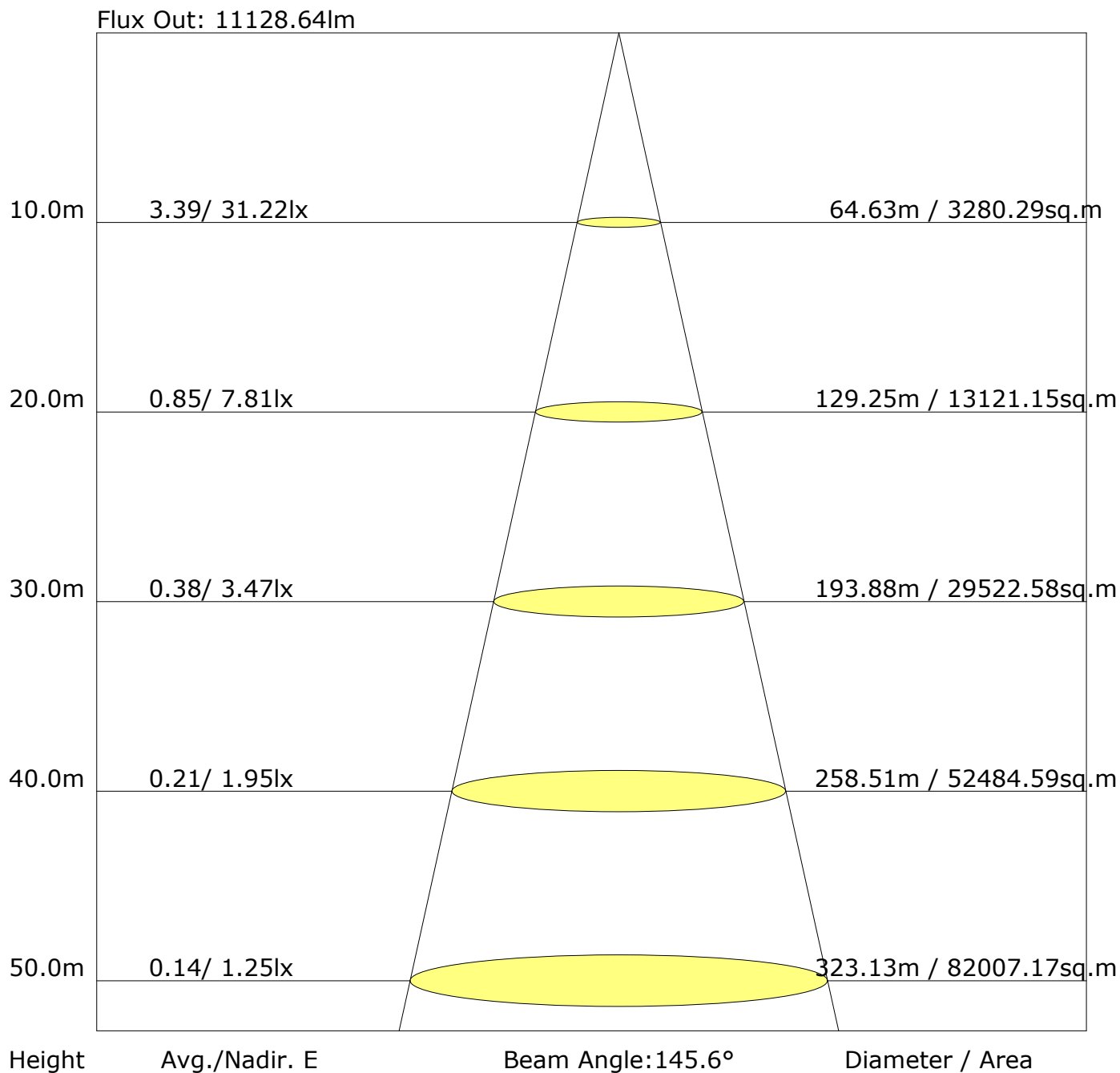
Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Area Flux Table

Unit: lm

Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(E)	Flux(T)	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	1.0
0.0	23.1	0.1	0.1	0.3	0.7	1.4	2.2	3.1	3.6	3.6	3.4	3.2	2.6	1.8	1.1	0.6	0.3	0.1	0.0	23.1
7.3	270.1	0.1	0.1	0.9	2.8	5.9	9.4	12.6	13.3	10.8	10.2	11.6	10.4	7.3	4.7	2.4	0.8	0.2	0.0	286.9
270.1	675.5	0.7	7.1	31.7	55.7	74.5	88.2	93.9	91.8	90.8	91.2	84.1	68.4	49.0	30.4	7.4	0.7	0.0	0.0	691.5
675.5	888.1	1.3	16.8	55.2	82.9	100.3	110.1	113.8	111.7	110.0	109.4	104.7	93.8	74.4	50.5	17.4	1.2	0.2	0.1	907.3
888.1	1949.9	2.0	28.7	72.7	98.6	109.6	115.2	115.6	112.2	109.5	108.4	106.4	100.5	88.5	65.0	28.8	2.1	0.1	0.1	1949.9
1949.9	9989.9	2.8	39.3	84.5	106.1	111.1	112.5	111.1	106.7	103.1	101.9	101.3	99.5	94.0	74.8	38.5	3.1	0.1	0.1	9989.9
9989.9	9987.3	3.5	46.8	93.2	110.7	111.2	108.8	104.7	99.6	95.2	95.5	96.6	97.6	96.4	81.8	45.6	3.9	0.1	0.1	9987.3
9987.3	9987.3	3.5	46.7	91.5	106.4	104.6	100.3	94.6	88.2	86.5	87.2	89.1	91.3	92.0	80.0	45.6	3.9	0.1	0.1	9987.3
9987.3	9987.3	2.9	39.1	79.9	93.8	91.3	86.6	81.2	77.5	75.7	75.5	77.8	80.5	81.5	70.3	38.4	3.2	0.1	0.1	39.1
39.1	79.9	2.1	28.6	67.2	80.5	78.3	72.8	71.0	67.0	65.4	66.5	66.2	69.4	70.0	59.8	28.9	2.3	0.1	0.1	28.6
67.2	80.5	1.4	17.1	51.6	63.9	62.6	60.4	60.8	56.4	55.2	57.4	55.3	55.2	55.3	47.5	17.9	1.4	0.1	0.1	17.1
51.6	63.9	0.9	7.7	31.0	44.7	43.5	47.6	43.5	42.5	44.8	42.7	37.4	39.2	30.3	8.2	0.8	0.0	0.0	0.0	7.7
44.7	43.5	0.5	3.2	12.3	21.8	25.1	30.8	31.9	28.6	27.7	29.1	26.9	21.3	20.3	12.6	3.2	0.4	0.0	0.0	3.2
21.8	25.1	0.3	1.4	4.2	8.2	11.2	13.6	14.6	13.4	13.0	13.6	12.5	10.4	7.9	4.1	1.2	0.2	0.0	0.0	1.4
8.2	11.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.5
2.8	4.5	0.2	0.3	0.3	0.5	0.8	1.2	1.5	1.7	1.7	1.4	1.1	0.7	0.4	0.2	0.1	0.1	0.0	0.0	0.3
0.5	3.2	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.3	1.4	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	0.2
0.2	0.5	0.2	0.2	0.5	1.3	2.8	4.5	5.6	6.1	6.0	5.9	5.3	4.1	2.4	1.1	0.4	0.1	0.0	0.0	

The Average Illuminance Effective Figure



UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 11437lm ($8\log(F/F_0) = 8.5$).

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3036.0	2.9	2.9	0.03	0.03
1.0-2.0	3035.0	8.7	11.6	0.08	0.10
2.0-3.0	3034.5	14.5	26.1	0.13	0.23
3.0-4.0	3032.7	20.3	46.4	0.18	0.41
4.0-5.0	3032.7	26.1	72.5	0.23	0.63
5.0-6.0	3035.0	31.9	104.4	0.28	0.91
6.0-7.0	3039.2	37.7	142.2	0.33	1.24
7.0-8.0	3047.6	43.6	185.8	0.38	1.62
8.0-9.0	3054.1	49.5	235.3	0.43	2.06
9.0-10.0	3059.5	55.4	290.7	0.48	2.54
10.0-11.0	3066.2	61.3	351.9	0.54	3.08
11.0-12.0	3073.6	67.2	419.1	0.59	3.66
12.0-13.0	3081.6	73.1	492.3	0.64	4.30
13.0-14.0	3090.2	79.1	571.4	0.69	5.00
14.0-15.0	3097.1	85.0	656.4	0.74	5.74
15.0-16.0	3107.1	91.1	747.5	0.80	6.54
16.0-17.0	3117.8	97.1	844.6	0.85	7.38
17.0-18.0	3126.9	103.1	947.7	0.90	8.29
18.0-19.0	3137.6	109.2	1056.9	0.95	9.24
19.0-20.0	3147.3	115.2	1172.1	1.01	10.25
20.0-21.0	3157.6	121.3	1293.3	1.06	11.31
21.0-22.0	3170.3	127.4	1420.8	1.11	12.42
22.0-23.0	3180.9	133.5	1554.2	1.17	13.59
23.0-24.0	3191.7	139.6	1693.8	1.22	14.81
24.0-25.0	3203.7	145.7	1839.5	1.27	16.08
25.0-26.0	3214.7	151.8	1991.3	1.33	17.41
26.0-27.0	3228.8	158.0	2149.3	1.38	18.79
27.0-28.0	3241.6	164.1	2313.4	1.44	20.23
28.0-29.0	3253.6	170.2	2483.6	1.49	21.72
29.0-30.0	3266.4	176.4	2660.0	1.54	23.26
30.0-31.0	3277.2	182.4	2842.4	1.59	24.85
31.0-32.0	3286.3	188.3	3030.7	1.65	26.50
32.0-33.0	3296.4	194.2	3224.9	1.70	28.20
33.0-34.0	3305.1	200.0	3425.0	1.75	29.95
34.0-35.0	3312.2	205.7	3630.7	1.80	31.75
35.0-36.0	3320.9	211.5	3842.2	1.85	33.59

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	3329.4	217.2	4059.4	1.90	35.49
37.0-38.0	3333.1	222.5	4281.9	1.95	37.44
38.0-39.0	3334.7	227.6	4509.5	1.99	39.43
39.0-40.0	3333.8	232.5	4742.1	2.03	41.46
40.0-41.0	3330.0	237.2	4979.2	2.07	43.54
41.0-42.0	3322.8	241.4	5220.7	2.11	45.65
42.0-43.0	3311.5	245.3	5466.0	2.15	47.79
43.0-44.0	3295.2	248.7	5714.7	2.17	49.97
44.0-45.0	3276.8	251.9	5966.6	2.20	52.17
45.0-46.0	3253.4	254.5	6221.1	2.22	54.39
46.0-47.0	3225.8	256.6	6477.7	2.24	56.64
47.0-48.0	3194.1	258.2	6735.9	2.26	58.90
48.0-49.0	3157.5	259.3	6995.2	2.27	61.16
49.0-50.0	3118.4	260.0	7255.3	2.27	63.44
50.0-51.0	3062.1	259.1	7514.4	2.27	65.70
51.0-52.0	2985.8	256.2	7770.6	2.24	67.94
52.0-53.0	2893.5	251.7	8022.3	2.20	70.14
53.0-54.0	2788.6	245.8	8268.2	2.15	72.29
54.0-55.0	2681.0	239.3	8507.5	2.09	74.39
55.0-56.0	2576.3	232.8	8740.3	2.04	76.42
56.0-57.0	2480.9	226.9	8967.2	1.98	78.40
57.0-58.0	2391.8	221.2	9188.4	1.93	80.34
58.0-59.0	2298.3	214.9	9403.3	1.88	82.22
59.0-60.0	2196.8	207.6	9610.9	1.81	84.03
60.0-61.0	2081.1	198.6	9809.5	1.74	85.77
61.0-62.0	1945.4	187.5	9997.0	1.64	87.41
62.0-63.0	1800.5	175.1	10172.1	1.53	88.94
63.0-64.0	1650.4	162.0	10334.1	1.42	90.36
64.0-65.0	1497.9	148.3	10482.4	1.30	91.65
65.0-66.0	1345.7	134.3	10616.6	1.17	92.83
66.0-67.0	1183.3	119.0	10735.6	1.04	93.87
67.0-68.0	1024.4	103.8	10839.4	0.91	94.77
68.0-69.0	858.6	87.6	10927.0	0.77	95.54
69.0-70.0	686.1	70.5	10997.5	0.62	96.16
70.0-71.0	540.4	55.9	11053.4	0.49	96.65
71.0-72.0	427.2	44.4	11097.8	0.39	97.03

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	343.3	35.9	11133.7	0.31	97.35
73.0-74.0	281.6	29.6	11163.3	0.26	97.61
74.0-75.0	229.4	24.2	11187.5	0.21	97.82
75.0-76.0	188.3	20.0	11207.5	0.17	97.99
76.0-77.0	155.8	16.6	11224.2	0.15	98.14
77.0-78.0	127.2	13.6	11237.8	0.12	98.26
78.0-79.0	104.8	11.3	11249.0	0.10	98.36
79.0-80.0	86.1	9.3	11258.3	0.08	98.44
80.0-81.0	69.8	7.6	11265.9	0.07	98.50
81.0-82.0	56.2	6.1	11272.0	0.05	98.56
82.0-83.0	44.5	4.8	11276.8	0.04	98.60
83.0-84.0	35.0	3.8	11280.6	0.03	98.63
84.0-85.0	26.5	2.9	11283.5	0.03	98.66
85.0-86.0	18.5	2.0	11285.5	0.02	98.68
86.0-87.0	12.4	1.4	11286.9	0.01	98.69
87.0-88.0	8.6	0.9	11287.8	0.01	98.70
88.0-89.0	7.0	0.8	11288.6	0.01	98.70
89.0-90.0	6.4	0.7	11289.3	0.01	98.71
90.0-91.0	6.3	0.7	11290.0	0.01	98.71
91.0-92.0	6.6	0.7	11290.7	0.01	98.72
92.0-93.0	6.8	0.8	11291.5	0.01	98.73
93.0-94.0	7.0	0.8	11292.2	0.01	98.73
94.0-95.0	7.5	0.8	11293.0	0.01	98.74
95.0-96.0	8.0	0.9	11293.9	0.01	98.75
96.0-97.0	8.4	0.9	11294.8	0.01	98.76
97.0-98.0	8.7	1.0	11295.8	0.01	98.76
98.0-99.0	9.1	1.0	11296.7	0.01	98.77
99.0-100.0	9.5	1.0	11297.8	0.01	98.78
100.0-101.0	10.1	1.1	11298.9	0.01	98.79
101.0-102.0	10.6	1.1	11300.0	0.01	98.80
102.0-103.0	11.0	1.2	11301.2	0.01	98.81
103.0-104.0	11.7	1.2	11302.4	0.01	98.82
104.0-105.0	12.3	1.3	11303.7	0.01	98.83
105.0-106.0	13.1	1.4	11305.1	0.01	98.85
106.0-107.0	13.9	1.5	11306.6	0.01	98.86
107.0-108.0	14.5	1.5	11308.1	0.01	98.87

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	15.3	1.6	11309.7	0.01	98.89
109.0-110.0	16.2	1.7	11311.3	0.01	98.90
110.0-111.0	17.0	1.8	11313.1	0.02	98.92
111.0-112.0	17.8	1.8	11314.9	0.02	98.93
112.0-113.0	18.7	1.9	11316.8	0.02	98.95
113.0-114.0	19.7	2.0	11318.8	0.02	98.97
114.0-115.0	20.4	2.0	11320.8	0.02	98.98
115.0-116.0	21.2	2.1	11322.9	0.02	99.00
116.0-117.0	21.7	2.1	11325.0	0.02	99.02
117.0-118.0	22.3	2.2	11327.2	0.02	99.04
118.0-119.0	23.2	2.2	11329.5	0.02	99.06
119.0-120.0	24.0	2.3	11331.7	0.02	99.08
120.0-121.0	24.6	2.3	11334.1	0.02	99.10
121.0-122.0	25.2	2.4	11336.4	0.02	99.12
122.0-123.0	26.1	2.4	11338.8	0.02	99.14
123.0-124.0	26.6	2.4	11341.3	0.02	99.16
124.0-125.0	27.0	2.4	11343.7	0.02	99.18
125.0-126.0	27.6	2.5	11346.2	0.02	99.21
126.0-127.0	28.2	2.5	11348.7	0.02	99.23
127.0-128.0	28.9	2.5	11351.2	0.02	99.25
128.0-129.0	29.6	2.5	11353.7	0.02	99.27
129.0-130.0	30.0	2.5	11356.3	0.02	99.29
130.0-131.0	30.6	2.6	11358.8	0.02	99.32
131.0-132.0	31.3	2.6	11361.4	0.02	99.34
132.0-133.0	32.0	2.6	11364.0	0.02	99.36
133.0-134.0	32.4	2.6	11366.6	0.02	99.38
134.0-135.0	32.7	2.6	11369.1	0.02	99.41
135.0-136.0	33.3	2.6	11371.7	0.02	99.43
136.0-137.0	33.8	2.5	11374.2	0.02	99.45
137.0-138.0	34.1	2.5	11376.8	0.02	99.47
138.0-139.0	34.5	2.5	11379.3	0.02	99.49
139.0-140.0	34.8	2.5	11381.7	0.02	99.52
140.0-141.0	35.4	2.5	11384.2	0.02	99.54
141.0-142.0	35.9	2.4	11386.7	0.02	99.56
142.0-143.0	36.0	2.4	11389.1	0.02	99.58
143.0-144.0	36.5	2.4	11391.4	0.02	99.60

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	36.8	2.3	11393.8	0.02	99.62
145.0-146.0	37.0	2.3	11396.1	0.02	99.64
146.0-147.0	37.4	2.3	11398.3	0.02	99.66
147.0-148.0	37.7	2.2	11400.6	0.02	99.68
148.0-149.0	37.8	2.2	11402.7	0.02	99.70
149.0-150.0	37.9	2.1	11404.8	0.02	99.72
150.0-151.0	38.0	2.1	11406.9	0.02	99.74
151.0-152.0	38.1	2.0	11408.9	0.02	99.75
152.0-153.0	38.2	1.9	11410.8	0.02	99.77
153.0-154.0	38.5	1.9	11412.7	0.02	99.79
154.0-155.0	38.6	1.8	11414.5	0.02	99.80
155.0-156.0	38.7	1.8	11416.3	0.02	99.82
156.0-157.0	38.7	1.7	11418.0	0.01	99.83
157.0-158.0	38.9	1.6	11419.6	0.01	99.85
158.0-159.0	39.0	1.6	11421.2	0.01	99.86
159.0-160.0	38.8	1.5	11422.7	0.01	99.87
160.0-161.0	38.6	1.4	11424.1	0.01	99.89
161.0-162.0	38.4	1.3	11425.4	0.01	99.90
162.0-163.0	38.3	1.3	11426.7	0.01	99.91
163.0-164.0	38.2	1.2	11427.9	0.01	99.92
164.0-165.0	38.0	1.1	11429.0	0.01	99.93
165.0-166.0	38.0	1.0	11430.0	0.01	99.94
166.0-167.0	37.7	1.0	11431.0	0.01	99.95
167.0-168.0	37.4	0.9	11431.9	0.01	99.95
168.0-169.0	37.5	0.8	11432.7	0.01	99.96
169.0-170.0	37.6	0.8	11433.4	0.01	99.97
170.0-171.0	37.5	0.7	11434.1	0.01	99.97
171.0-172.0	37.4	0.6	11434.7	0.01	99.98
172.0-173.0	37.4	0.5	11435.3	0.00	99.98
173.0-174.0	37.6	0.5	11435.7	0.00	99.99
174.0-175.0	37.8	0.4	11436.1	0.00	99.99
175.0-176.0	38.0	0.3	11436.5	0.00	99.99
176.0-177.0	38.1	0.3	11436.7	0.00	100.00
177.0-178.0	38.2	0.2	11436.9	0.00	100.00
178.0-179.0	38.7	0.1	11437.0	0.00	100.00
179.0-180.0	39.1	0.0	11437.0	0.00	100.00

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 5966.61 lm

%lum = 52.2%
%lamp = 52.2%

cone flux(120°): 9610.88 lm

%lum = 84.0%
%lamp = 84.0%

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	3122.2	3052.1	3007.6	2963.1	3122.2	3052.1	3007.6	2963.1	3122.2	
G1.0	3100.0	3019.7	2968.8	2948.3	3131.7	3090.4	3042.0	2985.3	3100.0	
G2.0	3103.8	2985.3	2931.4	2926.7	3141.0	3116.4	3071.4	2997.2	3103.8	
G3.0	3094.8	2951.3	2885.5	2911.5	3162.4	3152.8	3103.1	3016.9	3094.8	
G4.0	3086.1	2909.2	2844.1	2886.9	3177.6	3176.3	3130.0	3034.8	3086.1	
G5.0	3086.2	2874.5	2811.5	2871.6	3198.4	3212.6	3165.9	3057.8	3086.2	
G6.0	3083.0	2846.2	2776.1	2854.6	3219.6	3242.3	3187.2	3072.9	3083.0	
G7.0	3089.3	2823.0	2744.0	2846.1	3251.3	3277.2	3223.8	3091.0	3089.3	
G8.0	3087.0	2802.8	2710.4	2839.0	3276.4	3325.5	3251.6	3123.6	3087.0	
G9.0	3091.6	2776.0	2675.5	2825.6	3298.3	3361.8	3284.2	3137.2	3091.6	
G10.0	3104.9	2746.2	2637.7	2816.7	3329.3	3389.6	3313.1	3163.8	3104.9	
G11.0	3110.9	2728.6	2596.1	2813.5	3350.0	3426.3	3340.5	3192.1	3110.9	
G12.0	3123.3	2701.0	2561.1	2798.0	3386.9	3469.9	3362.5	3217.2	3123.3	
G13.0	3136.0	2682.2	2518.2	2788.2	3424.0	3512.9	3377.5	3246.4	3136.0	
G14.0	3151.9	2660.8	2491.3	2779.8	3451.1	3539.5	3407.8	3276.2	3151.9	
G15.0	3160.7	2638.2	2447.1	2771.9	3483.1	3577.8	3426.0	3290.8	3160.7	
G16.0	3187.5	2622.7	2414.8	2770.6	3526.7	3618.1	3449.4	3328.6	3187.5	
G17.0	3214.9	2605.0	2372.9	2750.6	3555.0	3643.1	3478.8	3346.3	3214.9	
G18.0	3232.3	2581.4	2341.7	2742.6	3598.7	3682.7	3508.5	3376.3	3232.3	
G19.0	3258.0	2563.8	2299.6	2733.8	3634.7	3716.1	3528.2	3402.9	3258.0	
G20.0	3287.3	2539.2	2266.1	2726.7	3671.7	3753.2	3541.5	3433.4	3287.3	
G21.0	3302.1	2525.1	2226.5	2713.6	3721.4	3791.6	3564.6	3458.3	3302.1	
G22.0	3343.7	2508.7	2188.4	2701.6	3770.1	3832.5	3578.1	3498.7	3343.7	
G23.0	3373.5	2485.6	2147.6	2685.0	3811.4	3860.0	3592.9	3516.3	3373.5	
G24.0	3408.0	2473.7	2113.0	2678.5	3864.4	3901.0	3598.0	3558.0	3408.0	
G25.0	3441.6	2452.6	2076.4	2659.6	3901.2	3932.2	3609.6	3590.9	3441.6	
G26.0	3480.0	2437.8	2045.7	2650.6	3954.4	3962.7	3621.8	3618.9	3480.0	
G27.0	3522.2	2421.5	2004.8	2635.4	4016.5	3998.2	3637.6	3653.0	3522.2	
G28.0	3565.8	2404.9	1971.8	2617.4	4055.5	4026.1	3648.4	3685.8	3565.8	
G29.0	3594.9	2390.3	1938.6	2606.2	4127.7	4070.4	3644.3	3709.9	3594.9	
G30.0	3654.9	2376.6	1902.0	2590.9	4178.1	4087.6	3645.1	3744.4	3654.9	
G31.0	3698.2	2353.9	1871.1	2575.6	4232.5	4115.6	3642.6	3765.8	3698.2	
G32.0	3736.9	2340.1	1835.0	2551.4	4301.2	4130.8	3637.1	3793.6	3736.9	
G33.0	3789.6	2315.8	1801.7	2533.7	4362.1	4158.5	3629.9	3825.1	3789.6	
G34.0	3846.9	2301.8	1767.4	2512.3	4414.3	4160.5	3615.7	3847.2	3846.9	
G35.0	3893.8	2277.3	1728.5	2488.7	4487.4	4179.3	3603.5	3871.3	3893.8	
G36.0	3955.5	2260.0	1694.4	2467.9	4557.3	4187.5	3585.9	3895.4	3955.5	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.903 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	4013.3	2241.3	1663.1	2448.6	4639.1	4194.0	3553.1	3913.7	4013.3	
G38.0	4075.1	2214.7	1621.8	2422.6	4688.4	4194.0	3523.1	3923.4	4075.1	
G39.0	4137.8	2188.7	1587.2	2400.3	4768.7	4186.0	3481.1	3942.5	4137.8	
G40.0	4197.8	2163.9	1544.7	2364.5	4848.9	4173.9	3423.4	3930.7	4197.8	
G41.0	4258.1	2134.5	1510.1	2344.3	4925.4	4164.3	3360.2	3934.8	4258.1	
G42.0	4324.8	2099.7	1456.5	2307.6	5003.5	4143.5	3281.4	3916.3	4324.8	
G43.0	4404.0	2067.1	1407.7	2278.4	5098.4	4110.1	3186.4	3899.2	4404.0	
G44.0	4464.6	2028.8	1354.2	2241.2	5181.8	4060.3	3071.1	3870.3	4464.6	
G45.0	4546.9	1989.4	1306.2	2211.3	5286.6	4036.3	2943.7	3836.0	4546.9	
G46.0	4624.8	1940.4	1254.9	2163.5	5354.8	3969.4	2810.6	3779.1	4624.8	
G47.0	4699.0	1903.4	1214.7	2128.0	5448.0	3924.1	2667.7	3730.3	4699.0	
G48.0	4783.6	1849.2	1165.9	2082.7	5550.1	3831.3	2485.3	3642.0	4783.6	
G49.0	4873.7	1798.3	1125.2	2035.4	5644.7	3754.3	2323.8	3573.8	4873.7	
G50.0	4945.0	1748.1	1081.3	1989.2	5714.6	3662.8	2145.3	3478.3	4945.0	
G51.0	4979.5	1686.9	1031.2	1925.3	5742.8	3549.0	1949.1	3364.5	4979.5	
G52.0	4962.9	1617.3	987.0	1867.1	5713.7	3421.0	1764.5	3211.7	4962.9	
G53.0	4914.5	1549.5	939.3	1793.4	5675.4	3272.1	1552.4	3053.8	4914.5	
G54.0	4838.9	1464.2	890.2	1713.8	5574.6	3119.0	1366.9	2899.1	4838.9	
G55.0	4775.8	1389.2	844.8	1635.4	5514.5	2957.6	1190.5	2720.8	4775.8	
G56.0	4739.8	1317.8	797.8	1559.8	5479.5	2759.5	1021.6	2516.7	4739.8	
G57.0	4757.4	1251.8	754.3	1488.5	5447.4	2592.9	886.1	2324.2	4757.4	
G58.0	4816.9	1192.9	713.2	1416.4	5413.5	2375.3	757.3	2079.9	4816.9	
G59.0	4855.8	1115.7	665.6	1336.1	5397.0	2159.8	662.1	1815.7	4855.8	
G60.0	4885.5	1054.3	628.9	1264.7	5303.7	1882.7	577.3	1543.1	4885.5	
G61.0	4846.0	975.7	579.6	1187.6	5181.9	1589.5	490.1	1306.5	4846.0	
G62.0	4597.8	884.8	538.8	1070.6	4989.8	1355.7	391.5	1139.9	4597.8	
G63.0	4366.4	790.8	501.6	942.2	4758.0	1176.4	306.6	997.1	4366.4	
G64.0	4178.4	701.9	452.4	816.3	4321.0	1010.1	251.5	836.3	4178.4	
G65.0	3952.1	658.0	392.1	742.0	3842.7	868.5	231.8	711.7	3952.1	
G66.0	3584.5	610.2	322.2	683.7	3403.1	730.0	216.8	582.7	3584.5	
G67.0	3067.1	566.6	277.5	623.2	2955.0	616.8	206.1	486.8	3067.1	
G68.0	2607.4	521.7	256.1	573.7	2515.6	528.1	192.1	395.9	2607.4	
G69.0	2069.2	473.8	245.5	517.1	1901.6	440.6	181.0	319.0	2069.2	
G70.0	1507.5	436.6	235.3	461.4	1396.7	357.8	169.2	265.3	1507.5	
G71.0	1101.0	395.8	225.0	424.2	982.0	304.0	158.9	225.3	1101.0	
G72.0	804.5	354.9	215.2	383.8	670.1	257.9	145.5	186.8	804.5	
G73.0	584.5	329.2	207.3	343.3	494.0	221.4	135.2	159.9	584.5	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.903 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	425.4	299.7	197.8	307.6	367.0	178.2	124.4	130.6	425.4	
G75.0	283.5	254.7	188.2	276.6	273.5	144.4	114.1	104.2	283.5	
G76.0	209.9	218.3	178.1	247.7	211.6	117.8	103.3	87.3	209.9	
G77.0	150.4	183.1	170.0	204.5	156.5	90.3	92.4	72.4	150.4	
G78.0	112.3	143.6	158.9	166.6	117.6	74.0	80.3	62.0	112.3	
G79.0	84.6	114.3	149.5	134.6	93.6	63.2	69.0	52.0	84.6	
G80.0	60.9	89.8	137.8	106.9	71.1	51.4	56.0	42.4	60.9	
G81.0	46.2	68.2	125.6	85.7	54.2	42.8	45.1	33.0	46.2	
G82.0	33.8	52.6	111.2	68.5	41.2	32.4	32.6	26.0	33.8	
G83.0	26.0	42.7	94.4	52.6	31.5	24.9	22.3	18.5	26.0	
G84.0	21.9	33.7	78.3	43.0	26.6	17.6	12.7	13.5	21.9	
G85.0	13.9	26.2	54.3	33.0	21.7	11.9	7.3	8.3	13.9	
G86.0	9.3	20.0	32.9	26.2	14.4	7.2	4.0	5.5	9.3	
G87.0	8.3	13.2	14.8	19.3	9.9	5.5	4.1	3.5	8.3	
G88.0	8.4	9.9	7.0	13.5	7.3	5.7	3.7	4.1	8.4	
G89.0	8.3	5.3	6.0	9.0	8.3	5.1	4.7	5.7	8.3	
G90.0	8.7	7.0	5.1	7.0	7.8	5.2	3.1	6.0	8.7	
G91.0	8.3	7.2	5.3	7.2	8.0	5.2	3.8	5.8	8.3	
G92.0	10.4	7.5	5.2	6.7	8.7	4.9	4.9	6.1	10.4	
G93.0	10.6	8.1	3.4	7.8	9.5	4.4	4.7	6.6	10.6	
G94.0	10.9	7.7	5.1	6.6	9.8	6.0	5.1	6.3	10.9	
G95.0	11.6	8.9	4.9	8.3	10.6	6.1	5.1	6.9	11.6	
G96.0	13.0	8.0	5.7	8.4	10.4	6.6	5.3	7.7	13.0	
G97.0	13.9	9.0	5.5	8.6	11.8	7.3	5.7	6.9	13.9	
G98.0	14.4	9.9	6.7	8.7	11.9	7.3	4.1	8.0	14.4	
G99.0	15.1	10.3	6.7	8.7	12.4	7.3	5.1	8.4	15.1	
G100.0	15.9	11.2	6.6	9.5	13.2	6.9	5.8	8.4	15.9	
G101.0	17.0	12.4	7.3	10.6	14.2	7.5	6.1	9.0	17.0	
G102.0	17.0	12.7	6.7	10.7	14.7	8.3	6.1	8.9	17.0	
G103.0	18.8	12.5	7.3	11.9	15.1	8.9	6.1	9.5	18.8	
G104.0	19.7	12.7	8.4	13.0	15.6	8.9	7.3	11.2	19.7	
G105.0	21.0	14.8	9.6	12.7	15.4	8.7	6.6	10.7	21.0	
G106.0	23.1	15.4	9.6	14.5	17.6	10.6	7.7	11.3	23.1	
G107.0	24.0	16.4	9.3	14.4	19.0	10.3	7.8	11.3	24.0	
G108.0	26.2	17.8	10.4	14.8	18.7	11.6	7.7	11.9	26.2	
G109.0	27.4	18.0	11.0	16.2	19.3	11.5	8.7	13.5	27.4	
G110.0	30.6	19.0	11.3	17.6	20.8	12.1	9.2	12.9	30.6	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	32.3	19.7	12.5	18.2	21.6	12.2	8.9	13.8	32.3	
G112.0	33.3	21.7	12.2	19.3	22.2	12.9	8.9	15.0	33.3	
G113.0	36.3	21.7	13.6	19.9	23.9	14.2	8.6	15.4	36.3	
G114.0	36.7	23.0	14.2	21.4	24.2	14.4	10.6	17.0	36.7	
G115.0	37.3	23.1	15.3	21.3	26.3	14.8	10.4	16.8	37.3	
G116.0	38.5	25.1	16.2	23.4	26.5	15.1	10.9	17.8	38.5	
G117.0	38.3	25.7	13.8	23.6	28.1	15.8	11.0	18.0	38.3	
G118.0	40.2	26.5	17.6	24.3	28.3	16.4	11.3	17.9	40.2	
G119.0	40.5	26.8	18.7	26.3	29.1	17.6	11.6	18.0	40.5	
G120.0	40.2	28.9	20.0	26.8	30.3	17.4	12.7	19.7	40.2	
G121.0	40.5	28.5	20.5	27.1	31.2	16.2	13.6	19.9	40.5	
G122.0	40.4	30.8	21.6	29.2	32.3	18.5	13.2	20.4	40.4	
G123.0	41.8	30.8	22.6	29.5	32.1	19.9	14.7	20.6	41.8	
G124.0	41.5	31.1	23.3	30.6	31.7	19.4	14.4	21.6	41.5	
G125.0	41.0	31.7	25.1	30.3	32.3	20.0	15.1	22.3	41.0	
G126.0	42.7	32.1	26.3	31.7	32.9	21.0	14.8	22.2	42.7	
G127.0	41.6	32.7	26.5	31.8	34.4	20.8	15.8	23.9	41.6	
G128.0	43.0	33.3	28.8	33.8	33.5	22.3	16.2	24.3	43.0	
G129.0	42.4	33.7	30.1	34.0	34.7	22.0	16.7	24.6	42.4	
G130.0	42.5	34.9	30.9	34.6	35.8	21.3	17.0	24.5	42.5	
G131.0	43.3	35.0	32.4	35.3	34.9	22.6	18.4	26.2	43.3	
G132.0	43.1	35.8	33.5	36.6	35.0	23.6	19.1	26.5	43.1	
G133.0	42.8	36.4	34.7	37.6	37.2	23.6	18.4	28.1	42.8	
G134.0	43.5	36.6	35.3	37.6	36.4	24.3	19.3	27.2	43.5	
G135.0	43.3	36.1	36.4	37.2	37.6	24.6	19.9	28.6	43.3	
G136.0	43.6	37.5	36.9	38.3	37.3	25.1	21.1	30.0	43.6	
G137.0	44.2	37.9	37.3	37.2	37.8	26.3	21.0	29.1	44.2	
G138.0	44.2	37.8	39.2	38.7	36.7	26.5	21.9	29.8	44.2	
G139.0	43.9	38.4	38.9	38.3	37.8	27.4	21.7	30.4	43.9	
G140.0	44.4	39.8	39.2	38.7	37.6	27.2	22.2	30.9	44.4	
G141.0	44.7	40.4	39.8	39.6	38.1	28.3	23.6	32.1	44.7	
G142.0	44.7	40.2	40.4	40.7	37.5	28.6	22.6	32.7	44.7	
G143.0	43.9	40.1	41.3	40.5	38.1	28.5	23.9	33.0	43.9	
G144.0	45.6	41.8	41.8	40.2	37.9	29.1	24.6	33.3	45.6	
G145.0	45.0	42.2	41.2	40.7	38.1	29.7	24.8	33.3	45.0	
G146.0	45.1	41.6	43.0	40.4	37.3	30.3	25.9	33.7	45.1	
G147.0	45.7	42.1	42.4	42.1	37.8	30.1	26.3	35.2	45.7	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.903 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	45.4	42.8	43.0	41.5	37.2	30.6	26.5	34.0	45.4	
G149.0	45.6	42.5	44.1	41.6	37.2	31.2	26.0	35.0	45.6	
G150.0	44.8	42.5	44.2	41.8	37.8	31.2	25.4	35.5	44.8	
G151.0	45.3	42.4	44.4	41.5	38.3	31.1	27.2	35.2	45.3	
G152.0	43.8	43.5	44.7	41.3	37.0	32.0	27.1	35.5	43.8	
G153.0	44.4	42.5	45.1	41.8	37.8	31.5	27.7	35.5	44.4	
G154.0	43.8	42.7	45.0	41.8	37.5	32.4	29.7	36.6	43.8	
G155.0	43.3	43.0	44.4	42.2	36.3	32.9	29.2	36.4	43.3	
G156.0	43.6	42.2	46.3	42.1	37.5	33.7	29.5	36.3	43.6	
G157.0	42.7	42.4	45.7	41.8	36.4	33.5	29.4	36.6	42.7	
G158.0	42.7	43.6	46.2	41.8	37.0	34.4	31.4	36.4	42.7	
G159.0	43.0	43.1	46.3	40.8	35.6	34.6	31.2	36.4	43.0	
G160.0	42.7	42.2	46.3	40.5	35.5	34.4	30.8	37.3	42.7	
G161.0	41.8	42.2	45.9	41.8	33.7	33.7	31.1	37.0	41.8	
G162.0	41.0	42.2	45.7	40.5	34.0	35.3	30.9	37.3	41.0	
G163.0	41.3	42.4	46.2	39.6	33.0	35.2	31.4	37.0	41.3	
G164.0	41.0	42.1	45.4	40.5	32.1	35.0	31.4	36.9	41.0	
G165.0	40.7	41.8	46.2	41.0	32.6	34.9	30.3	36.1	40.7	
G166.0	41.0	42.2	45.6	40.4	31.7	35.6	30.8	37.5	41.0	
G167.0	39.9	41.3	45.9	40.4	30.9	34.3	30.8	35.8	39.9	
G168.0	39.9	41.2	44.8	40.8	31.2	34.7	31.4	35.3	39.9	
G169.0	40.2	41.0	46.0	39.9	31.4	35.3	31.2	35.8	40.2	
G170.0	39.9	41.5	45.3	41.2	30.8	34.7	32.0	34.9	39.9	
G171.0	39.6	41.6	44.2	40.8	32.0	35.2	32.4	34.0	39.6	
G172.0	39.5	41.6	44.8	41.5	32.7	34.7	30.9	32.3	39.5	
G173.0	39.6	40.8	44.8	41.2	33.0	35.3	32.0	33.2	39.6	
G174.0	39.6	40.8	45.4	41.3	33.3	34.4	33.0	33.2	39.6	
G175.0	38.7	40.5	43.9	41.2	35.8	35.3	34.1	34.1	38.7	
G176.0	38.9	39.6	44.7	40.8	35.6	34.6	35.6	35.0	38.9	
G177.0	38.3	40.1	42.5	40.8	35.6	36.3	35.8	34.6	38.3	
G178.0	39.2	39.9	43.5	40.4	36.0	36.1	37.6	35.2	39.2	
G179.0	39.0	39.8	42.8	40.1	37.3	37.2	38.5	36.0	39.0	
G180.0	39.2	38.5	40.8	38.5	38.7	38.3	42.1	38.9	39.2	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector: