

Report No.:

Test Time: 2018-08-22 16:38

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-5W-3000K-15D

Voltage: 12.1 V

Current: 0.483 A

Power: 4.50 W

Power Factor: 0.764

Photometric Results

CIE Class: Direct

Measurement Flux: 379.5 lm

Downward Ratio: 98%

Total Rated Lamp Lumens: 379.5 lm

Efficiency: 100%

Upward Ratio: 2%

Horizontal Diffuse Angle(10%,25%,50%,75%): H39.4,H28.9,H20.8,H13.6

Vertical Diffuse Angle(10%,25%,50%,75%): V39.3,V28.7,V20.8,V14

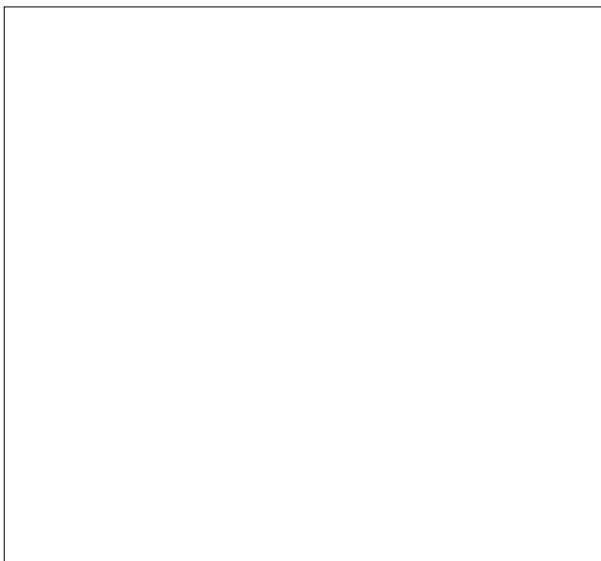
Luminaire Efficacy Rating (LER): 84

Central Intensity: 1778.24 cd

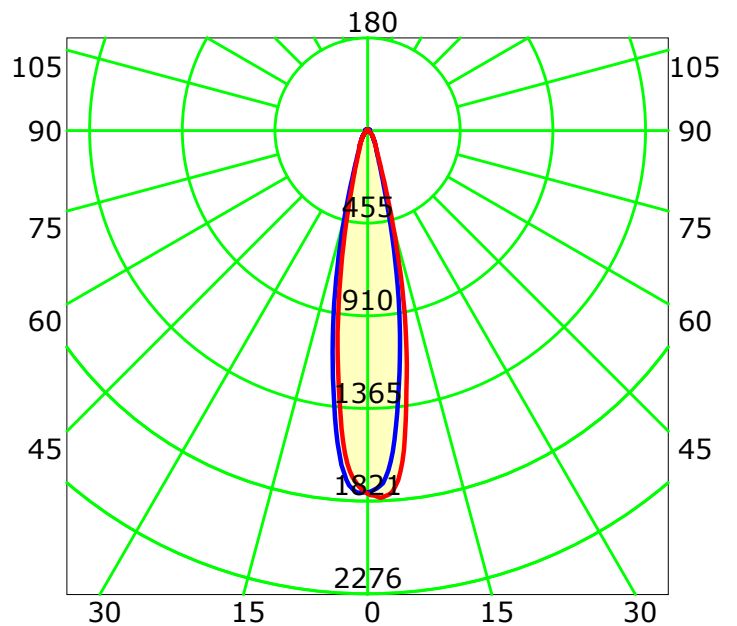
Max. Intensity: 1806.67 cd

Pos of Max. Intensity: H90 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

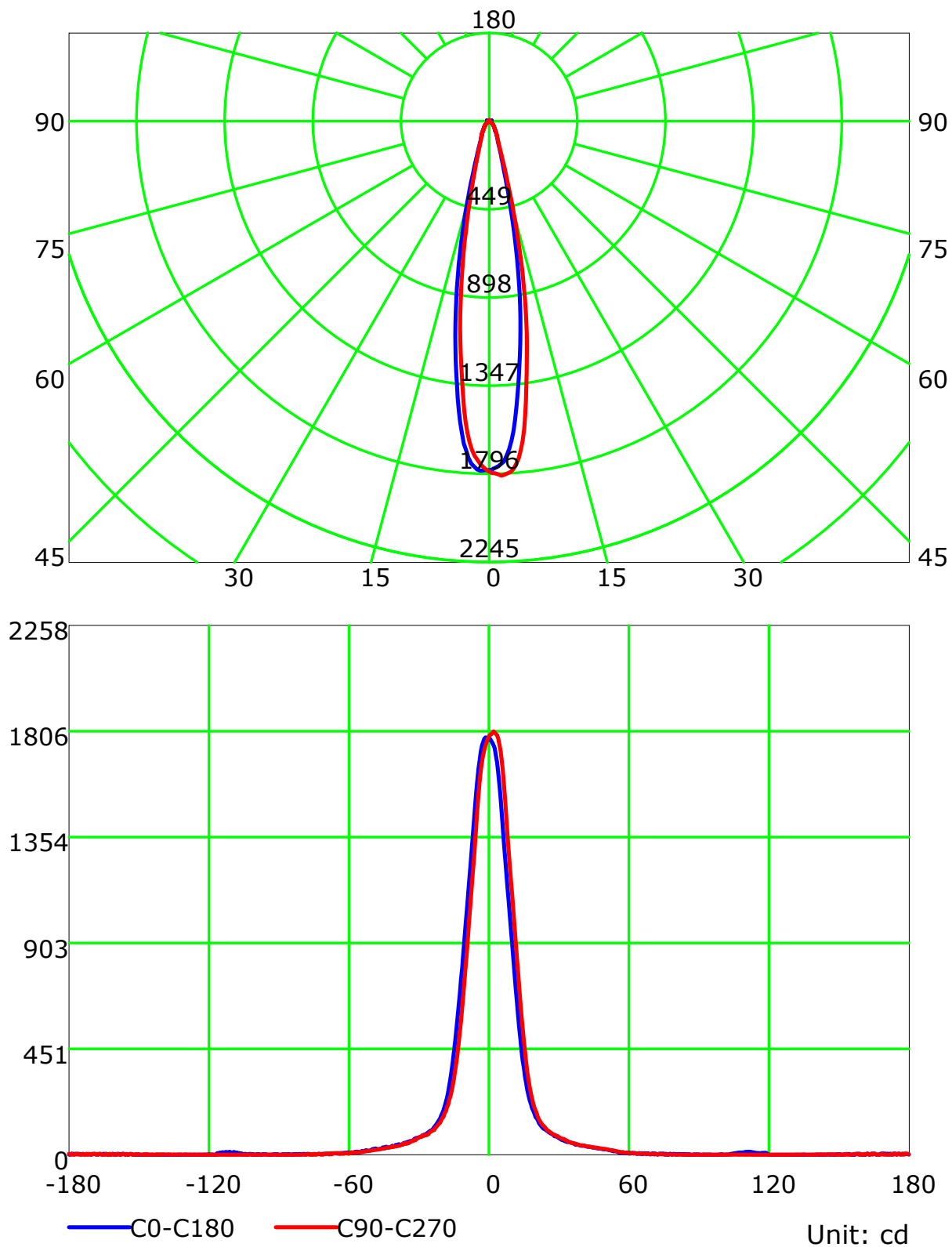
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

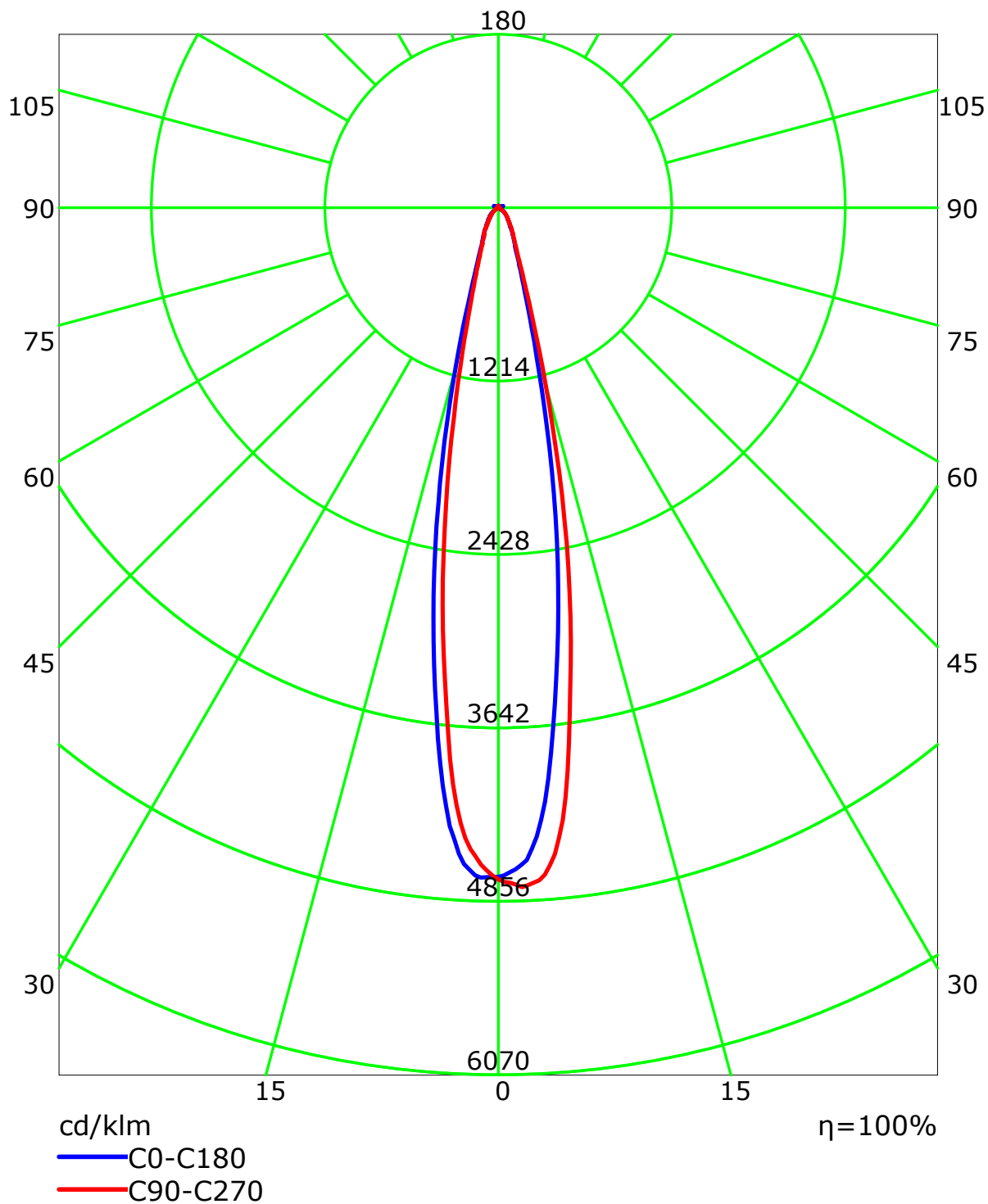
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



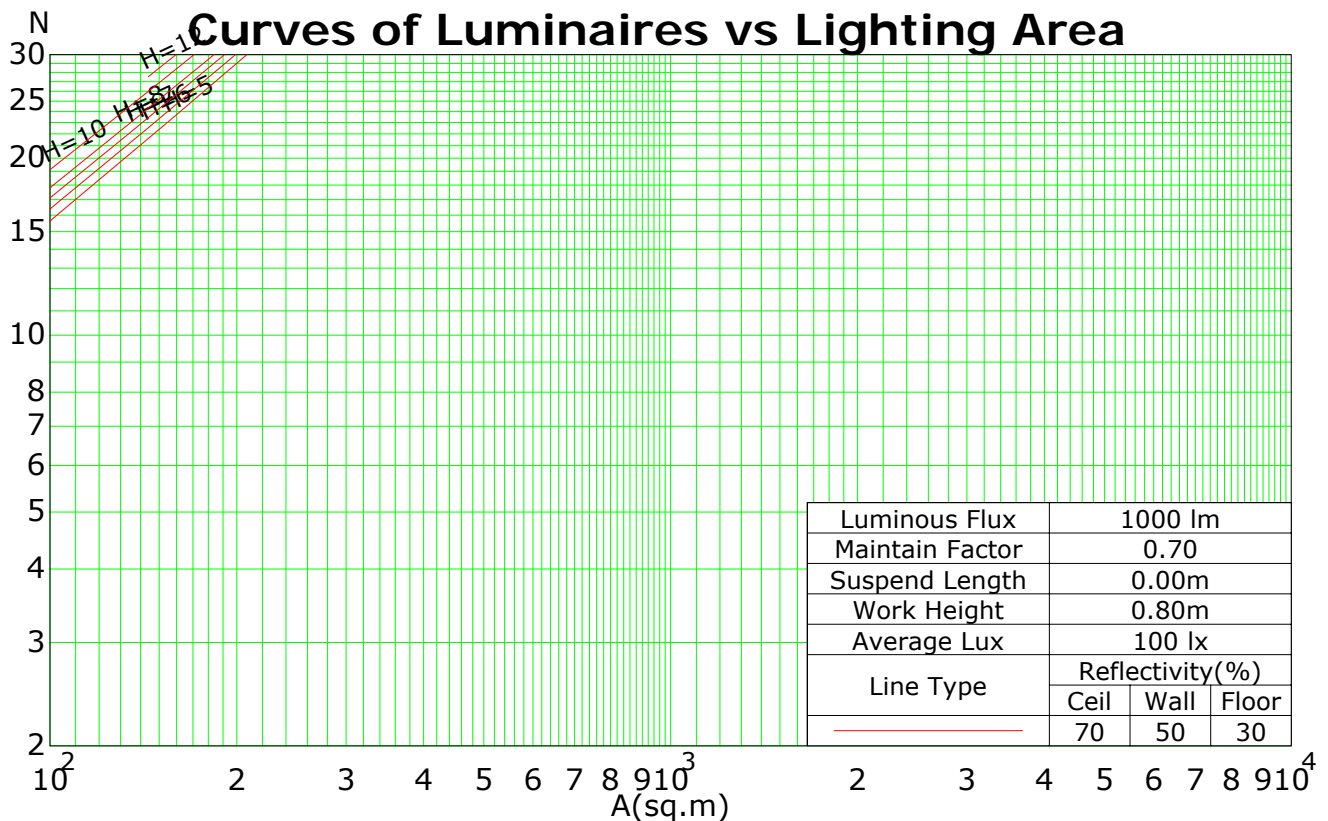
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	98
1	114	111	109	107	111	109	107	105	104	103	101	100	99	98	97	96	95	93
2	109	104	101	98	106	103	99	97	99	96	94	96	94	92	93	91	90	88
3	104	99	94	91	102	97	93	90	94	91	88	92	89	87	89	87	85	84
4	100	94	89	85	98	92	88	85	90	86	83	88	85	82	86	83	81	80
5	96	89	84	81	95	88	84	80	86	82	79	85	81	78	83	80	78	76
6	93	85	80	77	91	85	80	76	83	79	76	81	78	75	80	77	75	73
7	90	82	77	73	88	81	77	73	80	76	73	79	75	72	78	74	72	71
8	87	79	74	71	86	78	74	70	77	73	70	76	72	70	75	72	69	68
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	66
10	82	74	69	66	81	73	69	66	72	68	66	72	68	65	71	68	65	64

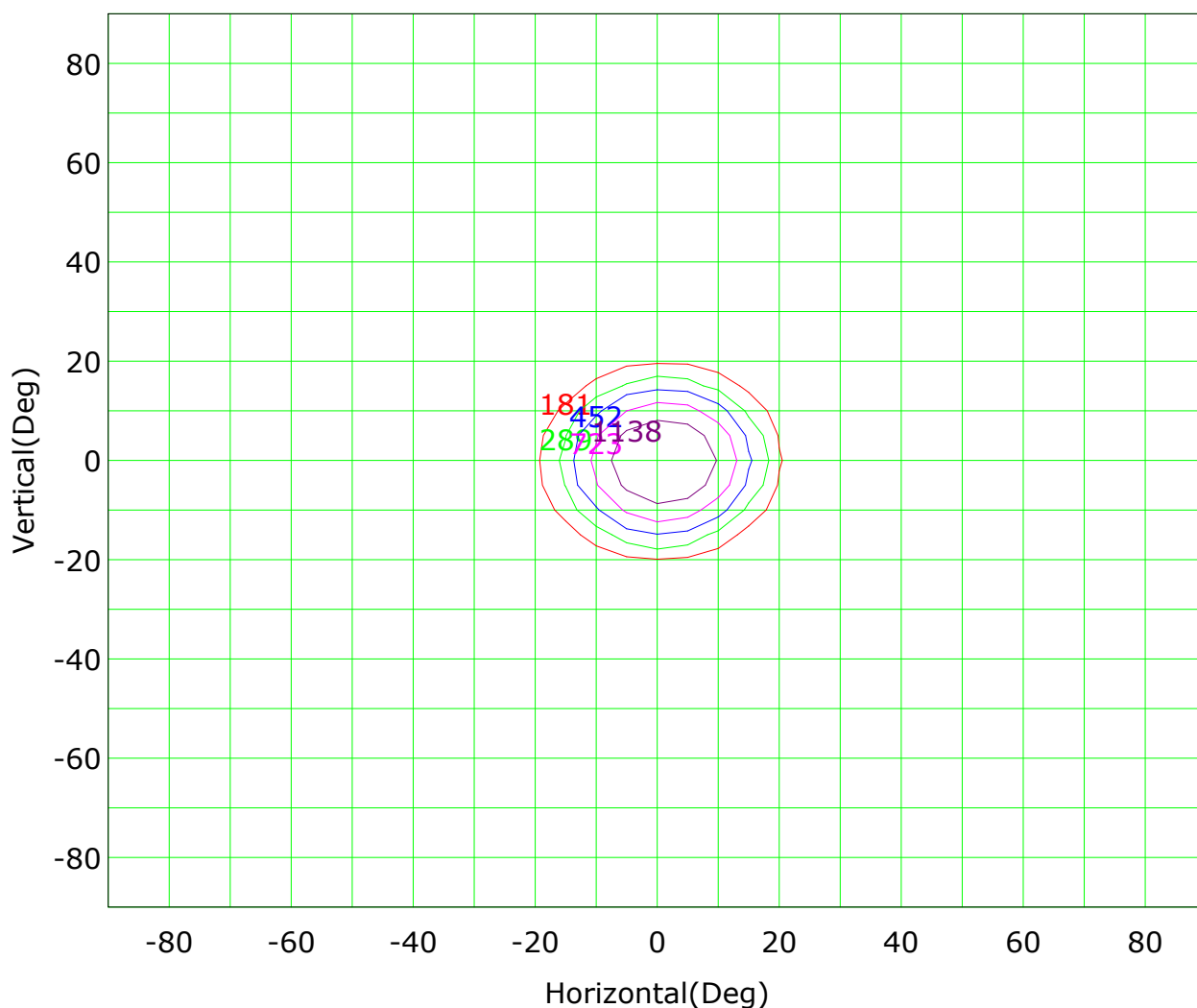
Spacing Criteria (0-180): 0.35
Spacing Criteria (90-270): 0.36
Spacing Criteria (Diagonal): 0.35



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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (rectangle)



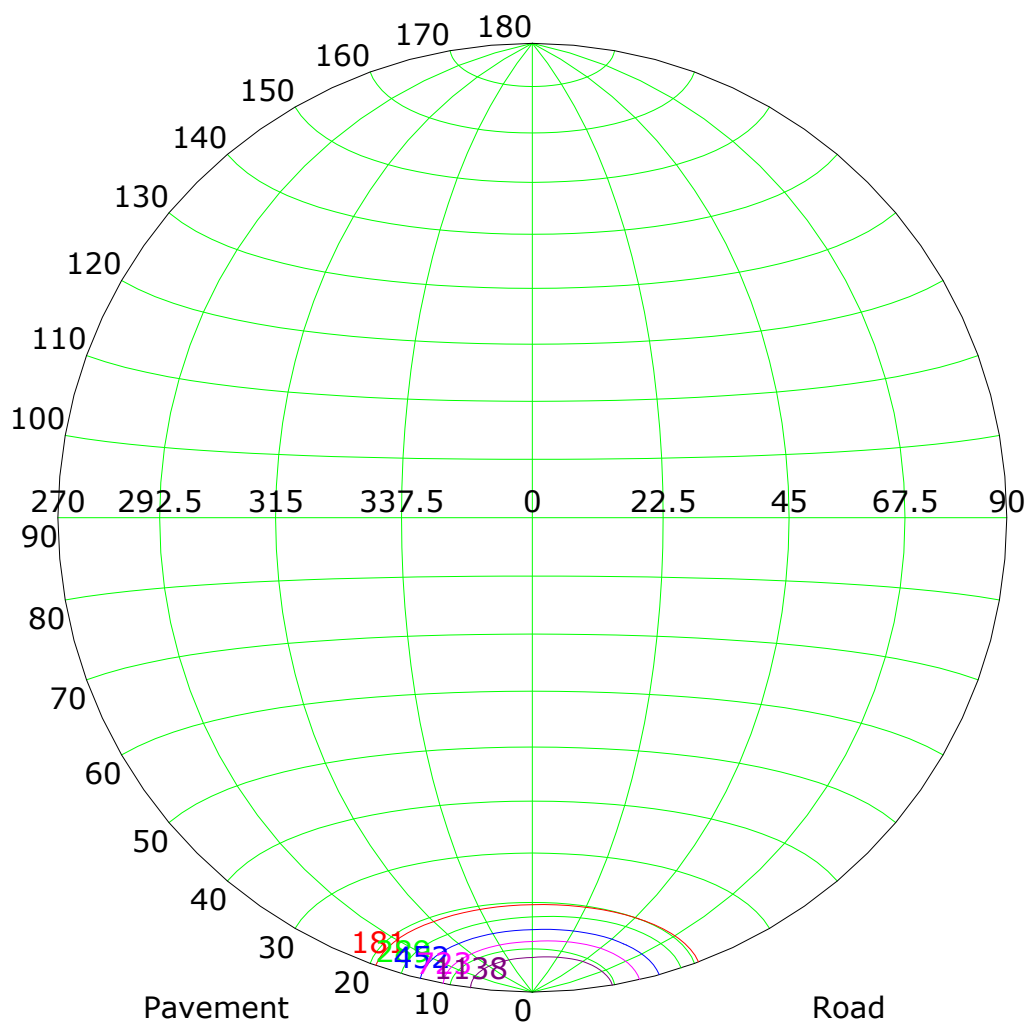
Imax (100%): 1807 cd

(10%): 181 cd	(16%): 289 cd
(25%): 452 cd	(40%): 723 cd
(63%): 1138 cd	(100%): 1807 cd

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

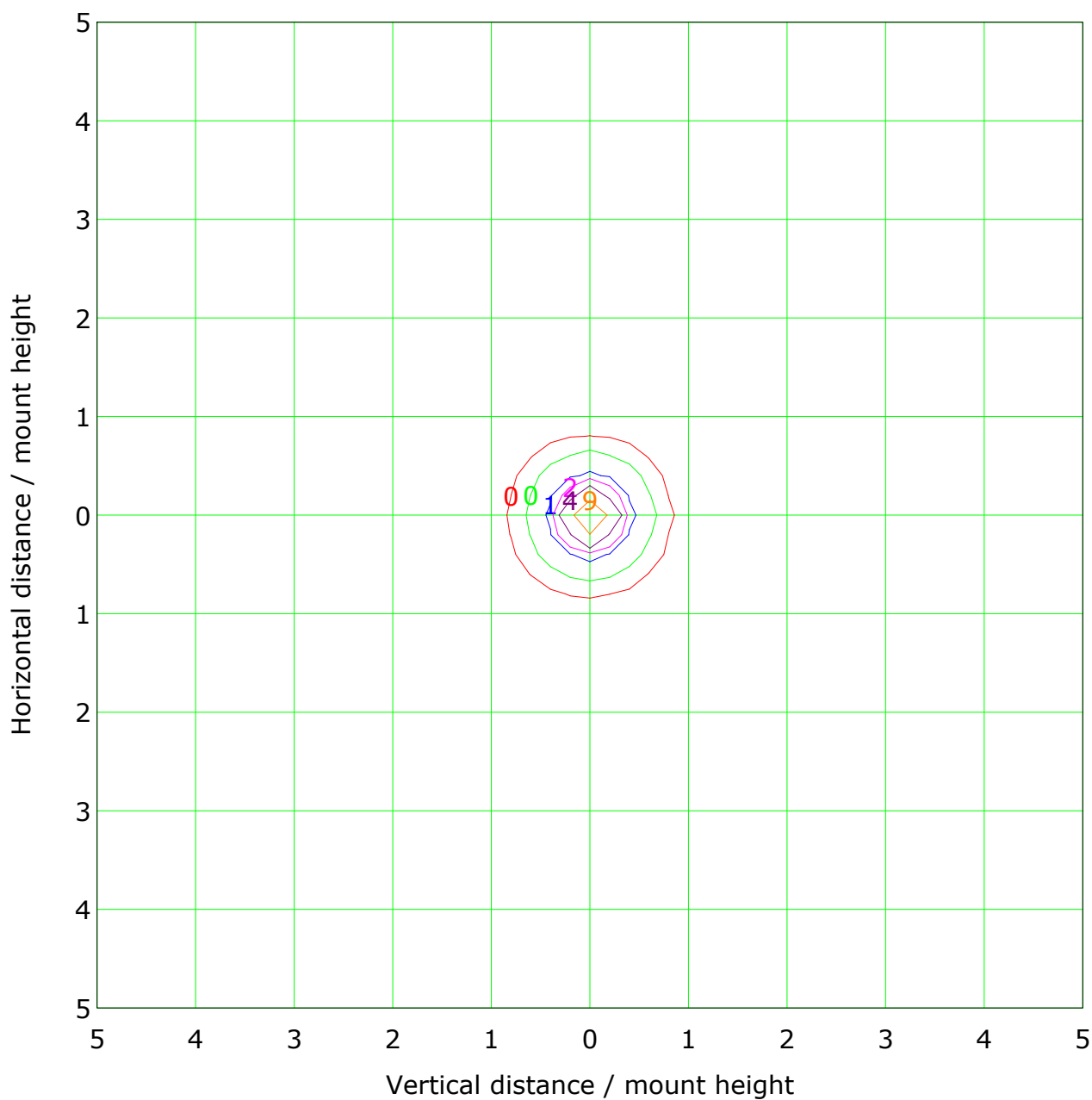
Isocandela (sphere)



Imax (100%): 1807 cd

(10%): 181 cd	(16%): 289 cd
(25%): 452 cd	(40%): 723 cd
(63%): 1138 cd	(100%): 1807 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 18.0 lx

(1%): 0.2 lx	(2%): 0.4 lx
(5%): 0.9 lx	(10%): 1.8 lx
(20%): 3.6 lx	(50%): 9.0 lx
(100%): 18.0 lx	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

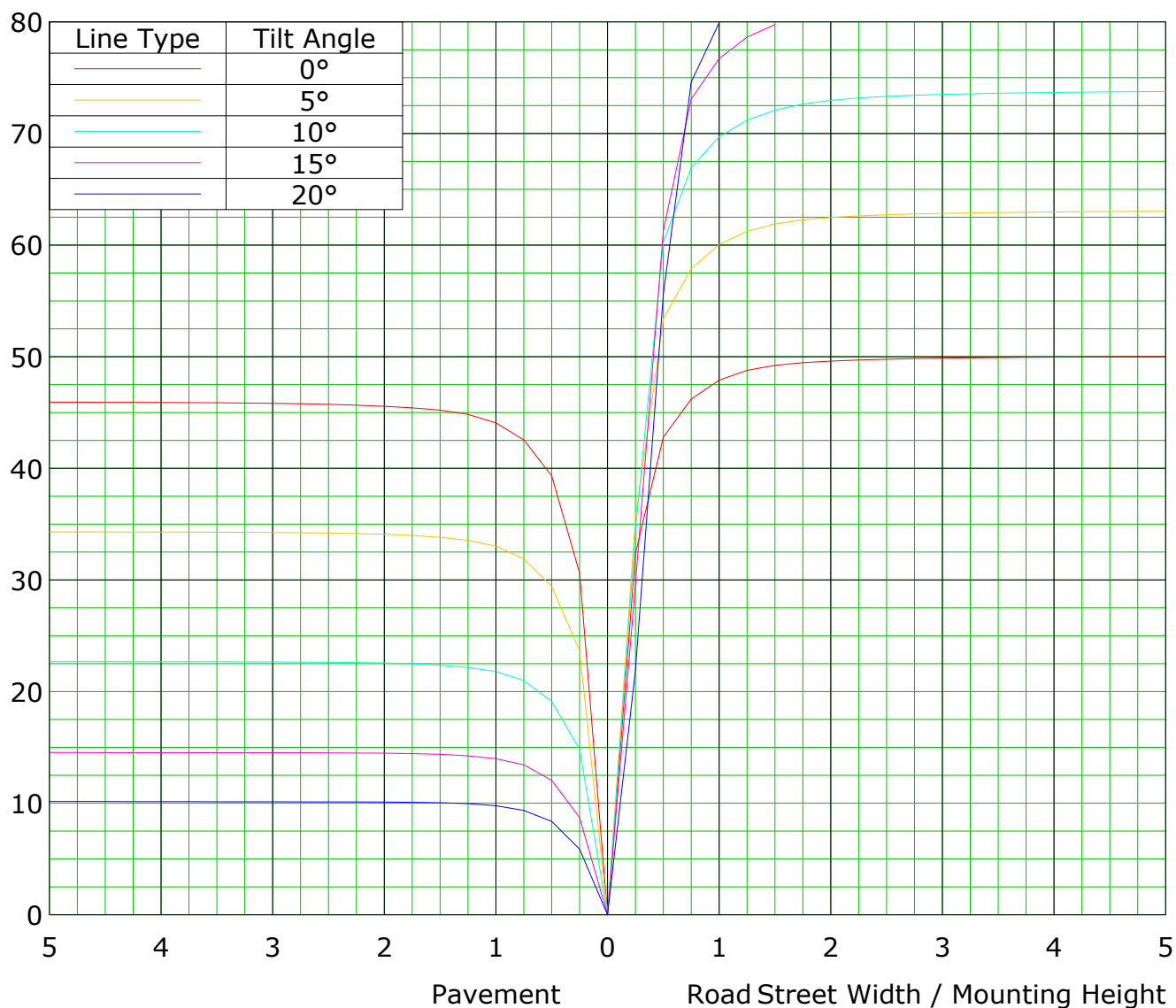
Distance: 8.177 m

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

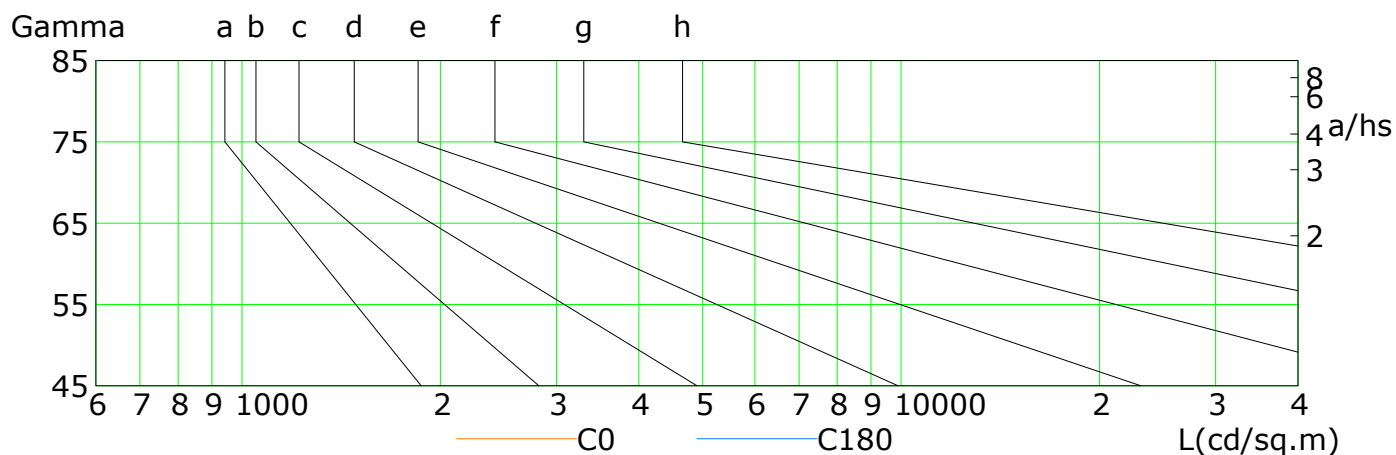
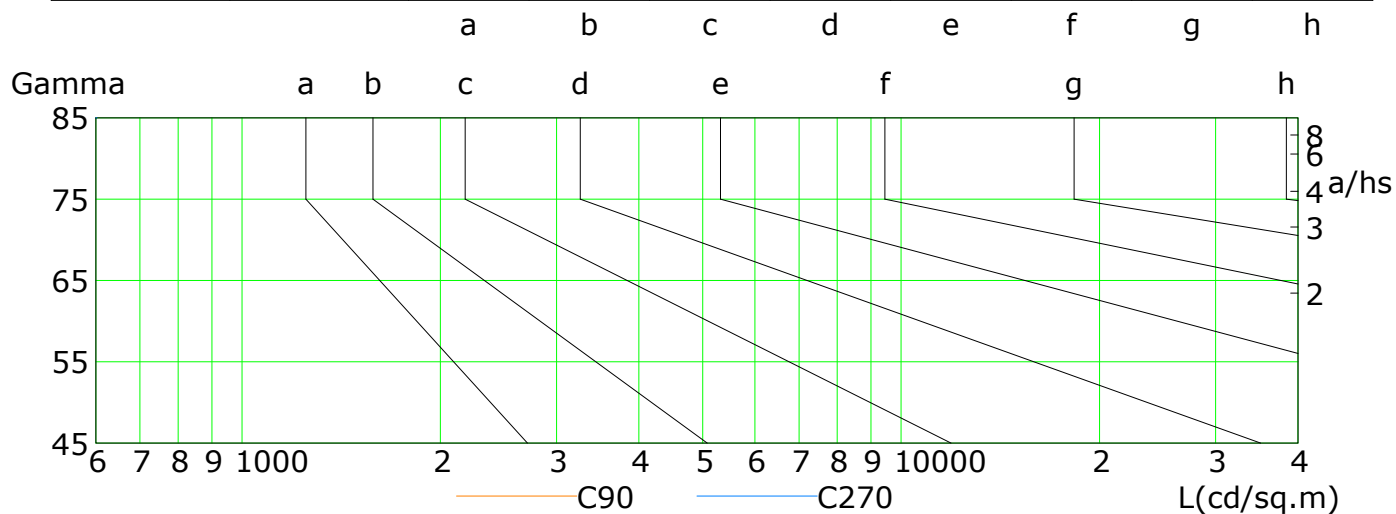
Distance: 8.177 m

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	31	24	14	10	3	6	5	4	2
C90	31	24	15	8	5	3	2	0	0
C180	28	24	12	10	5	4	4	3	0
C270	27	19	13	6	7	5	0	1	0

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

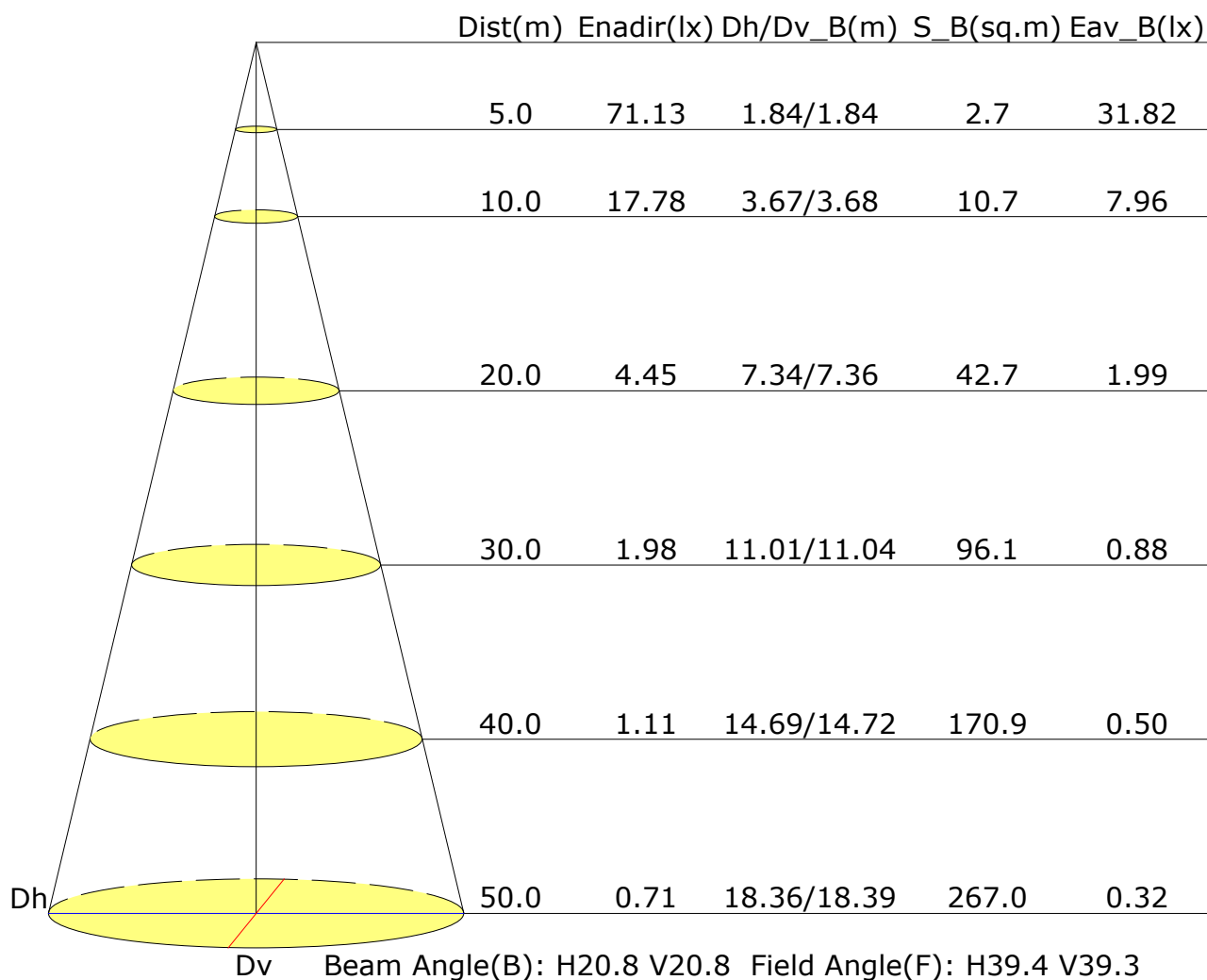
Test Device: GPM-1600

Distance: 8.177 m

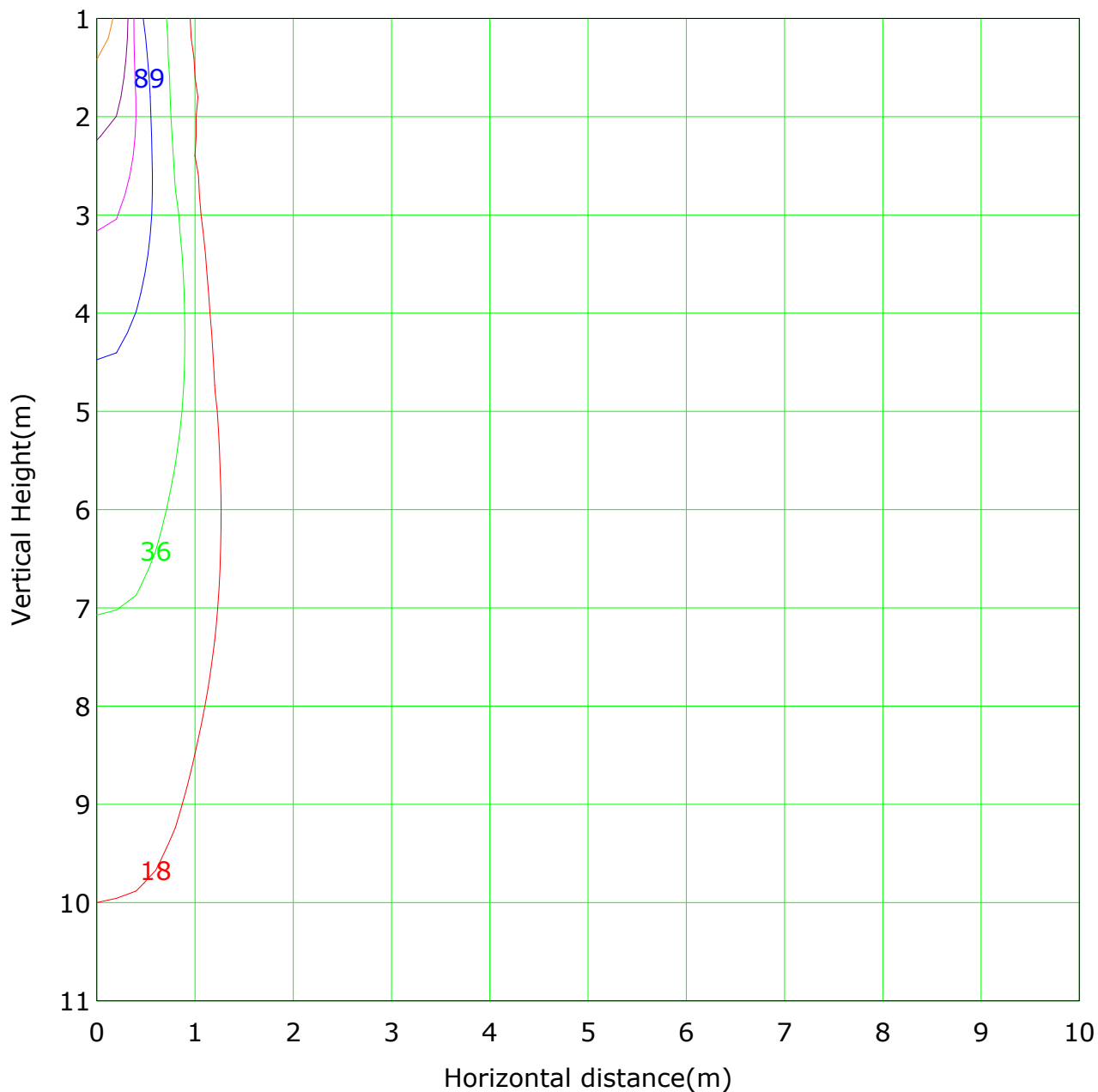
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1778.2 lx

— (1%): 17.8 lx	— (2%): 35.6 lx
— (5%): 88.9 lx	— (10%): 177.8 lx
— (20%): 355.6 lx	— (50%): 889.1 lx
— (100%):1778.2 lx	

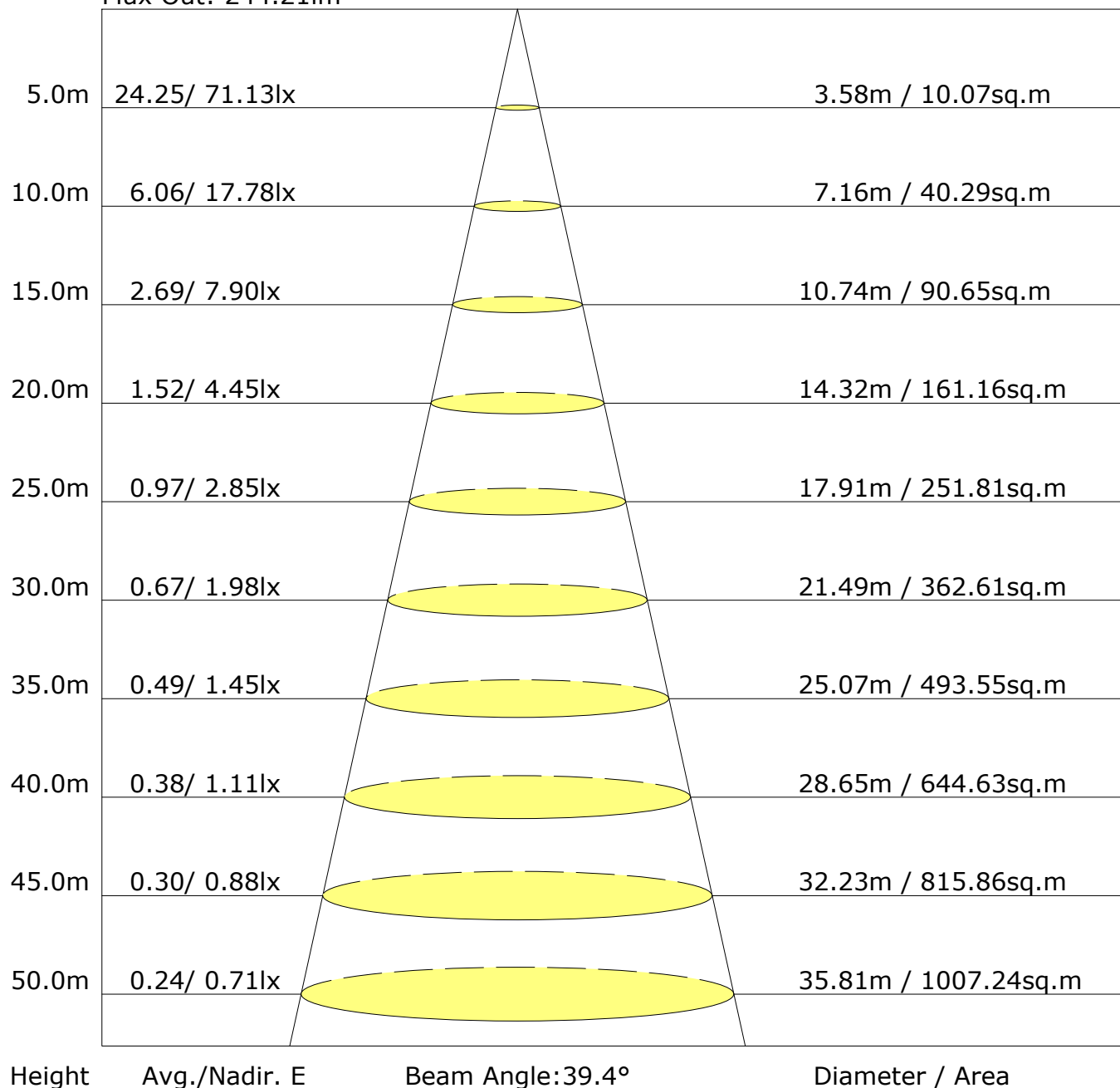
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 244.21lm



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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

UGR Table

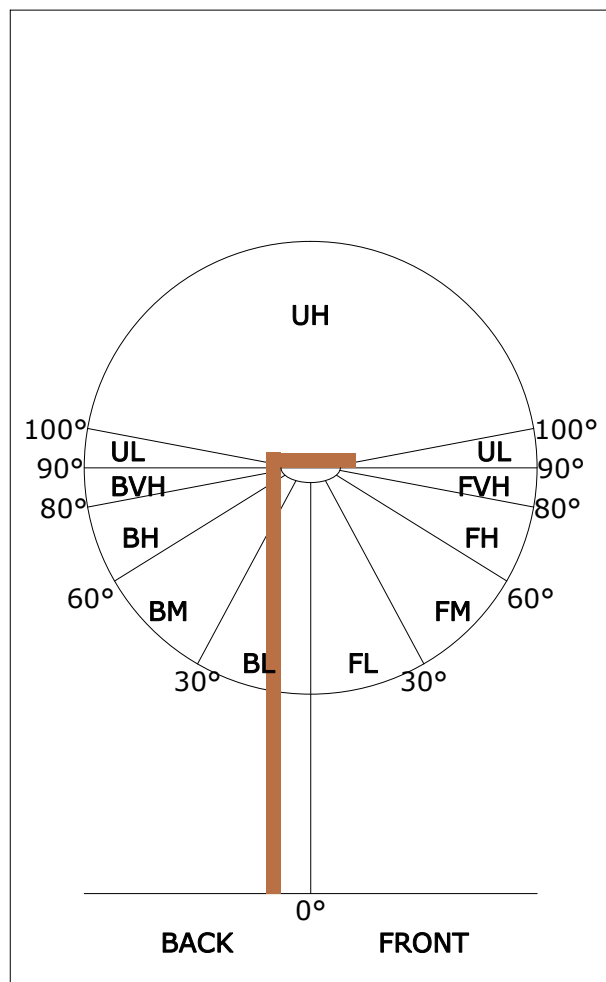
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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.\$

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



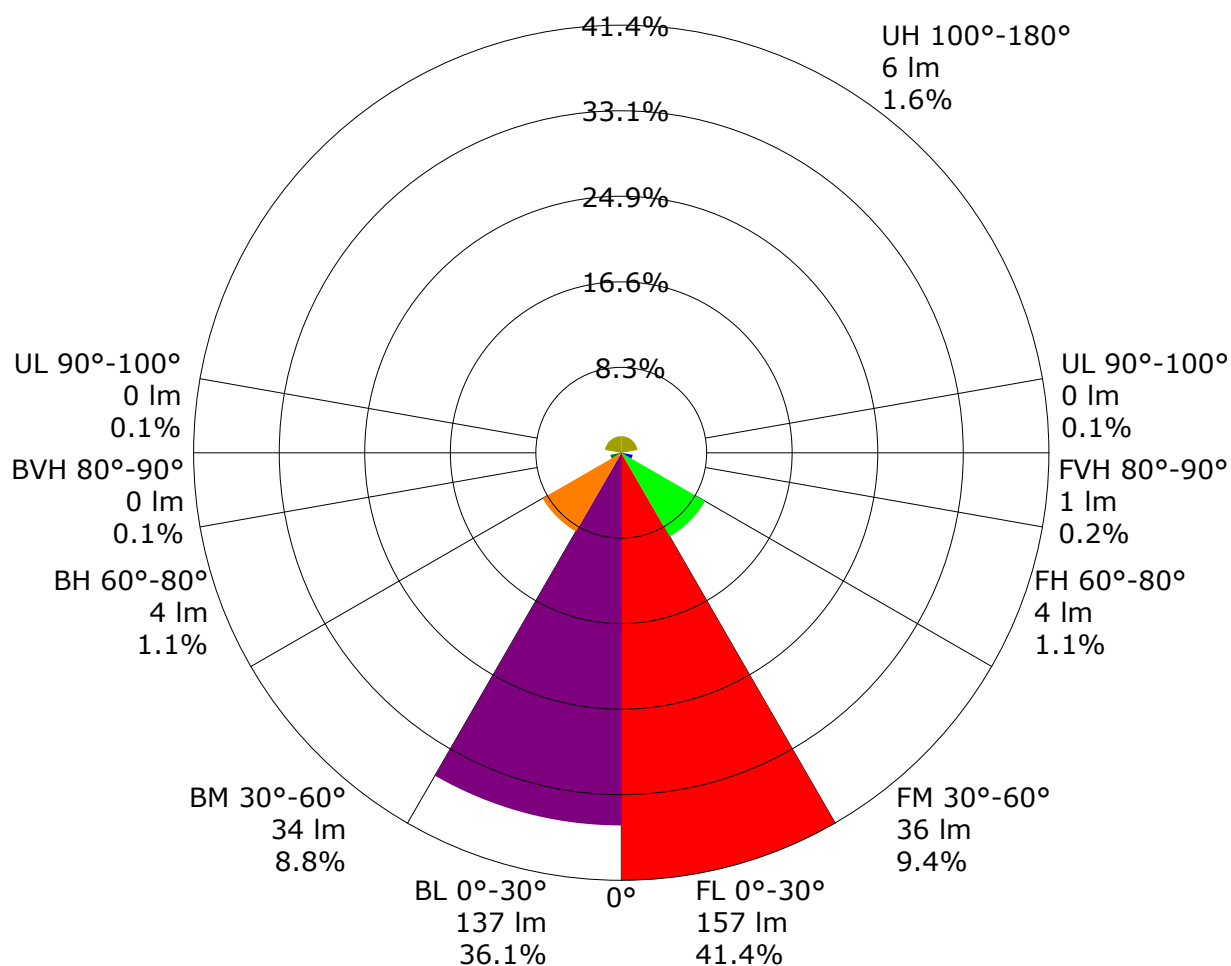
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	198	52.1
FL (0°-30°)	157	41.4
FM (30°-60°)	36	9.4
FH (60°-80°)	4	1.1
FVH (80°-90°)	1	0.2
BACK LIGHT	175	46.1
BL (0°-30°)	137	36.1
BM (30°-60°)	34	8.8
BH (60°-80°)	4	1.1
BVH (80°-90°)	0	0.1
UP LIGHT	7	1.7
UL (90°-100°)	0	0.1
UH (100°-180°)	6	1.6
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G0

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.89	0.94	0.99	1.01	1.05	1.08	1.10	1.12	1.14	
	0.30		0.84	0.90	0.94	0.97	1.02	1.05	1.07	1.10	1.12	
	0.20		0.81	0.87	0.91	0.94	0.99	1.02	1.04	1.08	1.10	
0.50	0.50	0.20	0.87	0.93	0.96	0.99	1.02	1.04	1.06	1.08	1.09	
	0.30		0.83	0.89	0.93	0.95	0.99	1.02	1.04	1.06	1.07	
	0.20		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.06	
0.30	0.50	0.20	0.86	0.91	0.94	0.96	0.99	1.01	1.02	1.04	1.05	
	0.30		0.82	0.88	0.91	0.94	0.97	0.99	1.01	1.02	1.04	
	0.20		0.80	0.85	0.89	0.91	0.95	0.97	0.99	1.01	1.03	
0.00	0.00	0.00	0.78	0.83	0.86	0.88	0.92	0.93	0.95	0.96	0.98	
<p>Rating:5W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.57	0.47	0.39	0.34	0.27	0.23	0.19	0.15	0.12	
	0.30		0.48	0.40	0.34	0.30	0.25	0.21	0.18	0.14	0.12	
	0.20		0.41	0.35	0.30	0.27	0.22	0.19	0.17	0.13	0.11	
0.50	0.50	0.20	0.54	0.44	0.37	0.32	0.25	0.25	0.18	0.14	0.11	
	0.30		0.46	0.38	0.32	0.28	0.23	0.19	0.16	0.13	0.11	
	0.20		0.40	0.33	0.29	0.26	0.21	0.18	0.15	0.12	0.10	
0.30	0.50	0.20	0.51	0.41	0.34	0.29	0.23	0.19	0.16	0.12	0.10	
	0.30		0.44	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10	
	0.20		0.38	0.32	0.28	0.24	0.20	0.17	0.14	0.11	0.09	
0.00	0.00	0.00	0.24	0.19	0.16	0.14	0.11	0.09	0.07	0.06	0.05	
<p>Rating:5W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.22	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.22	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	0.20	
0.50	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.08	0.10	0.11	0.12	0.14	0.16	0.17	0.18	0.19	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
<p>Rating:5W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	1779.7	0.4	0.4	0.11	0.11
0.5-1.0	1777.6	1.3	1.7	0.34	0.45
1.0-1.5	1774.2	2.1	3.8	0.56	1.01
1.5-2.0	1769.3	3.0	6.8	0.78	1.79
2.0-2.5	1760.1	3.8	10.6	1.00	2.79
2.5-3.0	1745.1	4.6	15.2	1.21	4.00
3.0-3.5	1723.5	5.4	20.5	1.41	5.41
3.5-4.0	1694.0	6.1	26.6	1.60	7.01
4.0-4.5	1656.3	6.7	33.3	1.77	8.78
4.5-5.0	1610.3	7.3	40.6	1.93	10.71
5.0-5.5	1555.6	7.8	48.4	2.06	12.76
5.5-6.0	1495.6	8.2	56.7	2.16	14.93
6.0-6.5	1432.6	8.6	65.2	2.25	17.18
6.5-7.0	1367.1	8.8	74.0	2.32	19.50
7.0-7.5	1300.1	9.0	83.0	2.37	21.87
7.5-8.0	1233.0	9.1	92.1	2.40	24.28
8.0-8.5	1167.7	9.2	101.3	2.42	26.70
8.5-9.0	1103.4	9.2	110.5	2.42	29.12
9.0-9.5	1039.3	9.2	119.7	2.41	31.53
9.5-10.0	976.7	9.1	128.8	2.39	33.92
10.0-10.5	914.6	8.9	137.7	2.35	36.28
10.5-11.0	852.8	8.7	146.4	2.30	38.57
11.0-11.5	791.8	8.5	154.9	2.23	40.80
11.5-12.0	731.1	8.2	163.0	2.15	42.96
12.0-12.5	672.2	7.8	170.9	2.06	45.02
12.5-13.0	616.6	7.5	178.3	1.97	46.98
13.0-13.5	561.6	7.1	185.4	1.86	48.84
13.5-14.0	509.1	6.6	192.0	1.75	50.59
14.0-14.5	462.9	6.2	198.3	1.65	52.24
14.5-15.0	419.9	5.9	204.1	1.54	53.78
15.0-15.5	379.9	5.5	209.6	1.44	55.22
15.5-16.0	344.6	5.1	214.7	1.35	56.58
16.0-16.5	312.7	4.8	219.5	1.26	57.84
16.5-17.0	284.5	4.5	224.0	1.18	59.02
17.0-17.5	259.6	4.2	228.2	1.11	60.14
17.5-18.0	238.1	4.0	232.2	1.05	61.18

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
18.0-18.5	218.6	3.8	236.0	0.99	62.17
18.5-19.0	201.2	3.5	239.5	0.93	63.11
19.0-19.5	186.5	3.4	242.9	0.89	64.00
19.5-20.0	173.3	3.2	246.1	0.85	64.84
20.0-20.5	162.4	3.1	249.2	0.81	65.65
20.5-21.0	152.2	3.0	252.1	0.78	66.43
21.0-21.5	143.2	2.8	255.0	0.75	67.18
21.5-22.0	135.1	2.7	257.7	0.72	67.91
22.0-22.5	127.9	2.7	260.4	0.70	68.61
22.5-23.0	121.9	2.6	263.0	0.68	69.29
23.0-23.5	116.3	2.5	265.5	0.66	69.95
23.5-24.0	111.2	2.5	267.9	0.65	70.60
24.0-24.5	106.6	2.4	270.3	0.63	71.23
24.5-25.0	102.4	2.4	272.7	0.62	71.85
25.0-25.5	98.9	2.3	275.0	0.61	72.46
25.5-26.0	95.1	2.3	277.3	0.60	73.05
26.0-26.5	91.4	2.2	279.5	0.58	73.64
26.5-27.0	88.5	2.2	281.7	0.58	74.21
27.0-27.5	86.1	2.2	283.8	0.57	74.78
27.5-28.0	83.5	2.1	286.0	0.56	75.35
28.0-28.5	81.6	2.1	288.1	0.56	75.90
28.5-29.0	79.9	2.1	290.2	0.55	76.46
29.0-29.5	77.6	2.1	292.3	0.55	77.01
29.5-30.0	75.5	2.1	294.3	0.54	77.55
30.0-30.5	73.2	2.0	296.3	0.53	78.08
30.5-31.0	70.9	2.0	298.3	0.52	78.60
31.0-31.5	67.9	1.9	300.3	0.51	79.11
31.5-32.0	65.9	1.9	302.2	0.50	79.61
32.0-32.5	63.2	1.8	304.0	0.49	80.10
32.5-33.0	60.1	1.8	305.8	0.47	80.57
33.0-33.5	58.5	1.8	307.6	0.46	81.03
33.5-34.0	56.7	1.7	309.3	0.45	81.49
34.0-34.5	54.6	1.7	311.0	0.44	81.93
34.5-35.0	52.7	1.6	312.6	0.43	82.37
35.0-35.5	50.9	1.6	314.2	0.42	82.79
35.5-36.0	49.8	1.6	315.8	0.42	83.21

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-36.5	49.1	1.6	317.4	0.42	83.63
36.5-37.0	47.1	1.5	319.0	0.41	84.04
37.0-37.5	45.4	1.5	320.5	0.40	84.44
37.5-38.0	43.9	1.5	321.9	0.39	84.82
38.0-38.5	42.5	1.4	323.4	0.38	85.20
38.5-39.0	41.4	1.4	324.8	0.37	85.58
39.0-39.5	39.8	1.4	326.2	0.36	85.94
39.5-40.0	38.9	1.4	327.6	0.36	86.30
40.0-40.5	38.9	1.4	328.9	0.36	86.66
40.5-41.0	37.9	1.4	330.3	0.36	87.02
41.0-41.5	36.5	1.3	331.6	0.35	87.37
41.5-42.0	35.6	1.3	332.9	0.34	87.71
42.0-42.5	34.9	1.3	334.2	0.34	88.05
42.5-43.0	33.9	1.3	335.5	0.33	88.38
43.0-43.5	32.6	1.2	336.7	0.32	88.71
43.5-44.0	32.5	1.2	337.9	0.33	89.03
44.0-44.5	32.2	1.2	339.1	0.32	89.36
44.5-45.0	30.2	1.2	340.3	0.31	89.66
45.0-45.5	29.4	1.1	341.5	0.30	89.96
45.5-46.0	28.9	1.1	342.6	0.30	90.26
46.0-46.5	27.9	1.1	343.7	0.29	90.55
46.5-47.0	27.1	1.1	344.8	0.29	90.84
47.0-47.5	26.1	1.1	345.8	0.28	91.12
47.5-48.0	25.5	1.0	346.9	0.27	91.39
48.0-48.5	25.5	1.0	347.9	0.28	91.67
48.5-49.0	25.0	1.0	348.9	0.27	91.94
49.0-49.5	24.0	1.0	349.9	0.26	92.20
49.5-50.0	22.8	1.0	350.9	0.25	92.45
50.0-50.5	21.9	0.9	351.8	0.24	92.69
50.5-51.0	20.8	0.9	352.7	0.23	92.93
51.0-51.5	20.0	0.9	353.6	0.23	93.15
51.5-52.0	18.9	0.8	354.4	0.21	93.37
52.0-52.5	18.4	0.8	355.2	0.21	93.58
52.5-53.0	18.4	0.8	356.0	0.21	93.79
53.0-53.5	17.1	0.8	356.7	0.20	93.99
53.5-54.0	15.5	0.7	357.4	0.18	94.17

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
54.0-54.5	15.0	0.7	358.1	0.18	94.34
54.5-55.0	14.6	0.7	358.7	0.17	94.51
55.0-55.5	12.7	0.6	359.3	0.15	94.66
55.5-56.0	12.0	0.5	359.8	0.14	94.81
56.0-56.5	12.2	0.6	360.4	0.15	94.95
56.5-57.0	11.6	0.5	360.9	0.14	95.10
57.0-57.5	10.9	0.5	361.4	0.13	95.23
57.5-58.0	9.7	0.5	361.9	0.12	95.35
58.0-58.5	9.2	0.4	362.3	0.11	95.46
58.5-59.0	9.0	0.4	362.7	0.11	95.57
59.0-59.5	8.5	0.4	363.1	0.10	95.68
59.5-60.0	7.9	0.4	363.5	0.10	95.77
60.0-60.5	7.5	0.4	363.9	0.09	95.87
60.5-61.0	7.2	0.3	364.2	0.09	95.96
61.0-61.5	7.8	0.4	364.6	0.10	96.06
61.5-62.0	7.3	0.4	364.9	0.09	96.15
62.0-62.5	6.6	0.3	365.3	0.08	96.24
62.5-63.0	6.7	0.3	365.6	0.09	96.32
63.0-63.5	6.3	0.3	365.9	0.08	96.40
63.5-64.0	5.9	0.3	366.2	0.08	96.48
64.0-64.5	5.7	0.3	366.5	0.07	96.55
64.5-65.0	5.6	0.3	366.7	0.07	96.63
65.0-65.5	5.6	0.3	367.0	0.07	96.70
65.5-66.0	5.4	0.3	367.3	0.07	96.77
66.0-66.5	5.2	0.3	367.5	0.07	96.84
66.5-67.0	5.3	0.3	367.8	0.07	96.91
67.0-67.5	4.7	0.2	368.1	0.06	96.97
67.5-68.0	4.7	0.2	368.3	0.06	97.04
68.0-68.5	4.8	0.2	368.5	0.06	97.10
68.5-69.0	4.1	0.2	368.7	0.05	97.15
69.0-69.5	3.7	0.2	368.9	0.05	97.20
69.5-70.0	4.0	0.2	369.1	0.05	97.26
70.0-70.5	4.1	0.2	369.3	0.06	97.31
70.5-71.0	3.3	0.2	369.5	0.05	97.36
71.0-71.5	3.1	0.2	369.7	0.04	97.40
71.5-72.0	3.0	0.2	369.8	0.04	97.44

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-72.5	2.7	0.1	370.0	0.04	97.48
72.5-73.0	3.5	0.2	370.2	0.05	97.53
73.0-73.5	3.5	0.2	370.3	0.05	97.58
73.5-74.0	3.0	0.2	370.5	0.04	97.62
74.0-74.5	3.4	0.2	370.7	0.05	97.67
74.5-75.0	3.2	0.2	370.9	0.04	97.71
75.0-75.5	2.7	0.1	371.0	0.04	97.75
75.5-76.0	2.1	0.1	371.1	0.03	97.78
76.0-76.5	2.0	0.1	371.2	0.03	97.81
76.5-77.0	2.2	0.1	371.3	0.03	97.84
77.0-77.5	2.5	0.1	371.5	0.04	97.87
77.5-78.0	2.4	0.1	371.6	0.03	97.91
78.0-78.5	1.8	0.1	371.7	0.03	97.93
78.5-79.0	1.8	0.1	371.8	0.03	97.96
79.0-79.5	2.1	0.1	371.9	0.03	97.99
79.5-80.0	1.6	0.1	372.0	0.02	98.01
80.0-80.5	1.1	0.1	372.0	0.02	98.02
80.5-81.0	1.2	0.1	372.1	0.02	98.04
81.0-81.5	1.3	0.1	372.2	0.02	98.06
81.5-82.0	1.0	0.1	372.2	0.01	98.07
82.0-82.5	1.3	0.1	372.3	0.02	98.09
82.5-83.0	1.4	0.1	372.4	0.02	98.11
83.0-83.5	1.3	0.1	372.4	0.02	98.13
83.5-84.0	1.2	0.1	372.5	0.02	98.15
84.0-84.5	0.8	0.0	372.6	0.01	98.16
84.5-85.0	0.8	0.0	372.6	0.01	98.17
85.0-85.5	0.8	0.0	372.6	0.01	98.18
85.5-86.0	0.8	0.0	372.7	0.01	98.19
86.0-86.5	1.0	0.1	372.7	0.01	98.21
86.5-87.0	0.6	0.0	372.8	0.01	98.22
87.0-87.5	0.3	0.0	372.8	0.00	98.22
87.5-88.0	0.5	0.0	372.8	0.01	98.23
88.0-88.5	0.9	0.0	372.9	0.01	98.24
88.5-89.0	0.6	0.0	372.9	0.01	98.25
89.0-89.5	0.4	0.0	372.9	0.01	98.26
89.5-90.0	0.5	0.0	372.9	0.01	98.26

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 5)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.5	0.0	373.0	0.01	98.27
90.5-91.0	0.4	0.0	373.0	0.01	98.28
91.0-91.5	0.3	0.0	373.0	0.00	98.28
91.5-92.0	0.4	0.0	373.0	0.01	98.29
92.0-92.5	0.6	0.0	373.1	0.01	98.29
92.5-93.0	0.4	0.0	373.1	0.01	98.30
93.0-93.5	0.2	0.0	373.1	0.00	98.30
93.5-94.0	0.2	0.0	373.1	0.00	98.30
94.0-94.5	0.3	0.0	373.1	0.00	98.31
94.5-95.0	0.4	0.0	373.1	0.01	98.32
95.0-95.5	0.5	0.0	373.2	0.01	98.32
95.5-96.0	0.5	0.0	373.2	0.01	98.33
96.0-96.5	0.5	0.0	373.2	0.01	98.34
96.5-97.0	0.6	0.0	373.3	0.01	98.34
97.0-97.5	0.4	0.0	373.3	0.01	98.35
97.5-98.0	0.3	0.0	373.3	0.00	98.35
98.0-98.5	0.4	0.0	373.3	0.01	98.36
98.5-99.0	0.6	0.0	373.4	0.01	98.37
99.0-99.5	0.6	0.0	373.4	0.01	98.38
99.5-100.0	0.5	0.0	373.4	0.01	98.38
100.0-100.5	0.4	0.0	373.4	0.01	98.39
100.5-101.0	0.5	0.0	373.5	0.01	98.40
101.0-101.5	0.6	0.0	373.5	0.01	98.41
101.5-102.0	0.7	0.0	373.5	0.01	98.41
102.0-102.5	0.9	0.0	373.6	0.01	98.43
102.5-103.0	0.8	0.0	373.6	0.01	98.44
103.0-103.5	0.8	0.0	373.7	0.01	98.45
103.5-104.0	0.7	0.0	373.7	0.01	98.46
104.0-104.5	1.0	0.1	373.7	0.01	98.47
104.5-105.0	1.3	0.1	373.8	0.02	98.49
105.0-105.5	1.1	0.1	373.9	0.02	98.51
105.5-106.0	1.6	0.1	374.0	0.02	98.53
106.0-106.5	2.0	0.1	374.1	0.03	98.56
106.5-107.0	2.1	0.1	374.2	0.03	98.58
107.0-107.5	2.2	0.1	374.3	0.03	98.61
107.5-108.0	2.3	0.1	374.4	0.03	98.65

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	2.5	0.1	374.5	0.03	98.68
108.5-109.0	2.7	0.1	374.7	0.04	98.72
109.0-109.5	3.1	0.2	374.8	0.04	98.76
109.5-110.0	2.8	0.1	375.0	0.04	98.80
110.0-110.5	2.7	0.1	375.1	0.04	98.83
110.5-111.0	3.0	0.2	375.3	0.04	98.87
111.0-111.5	3.4	0.2	375.4	0.05	98.92
111.5-112.0	3.1	0.2	375.6	0.04	98.96
112.0-112.5	3.0	0.2	375.8	0.04	99.00
112.5-113.0	3.0	0.2	375.9	0.04	99.04
113.0-113.5	2.6	0.1	376.0	0.03	99.08
113.5-114.0	2.5	0.1	376.2	0.03	99.11
114.0-114.5	2.5	0.1	376.3	0.03	99.14
114.5-115.0	2.1	0.1	376.4	0.03	99.17
115.0-115.5	2.0	0.1	376.5	0.03	99.20
115.5-116.0	1.8	0.1	376.6	0.02	99.22
116.0-116.5	1.6	0.1	376.7	0.02	99.24
116.5-117.0	1.4	0.1	376.7	0.02	99.26
117.0-117.5	1.0	0.0	376.8	0.01	99.27
117.5-118.0	1.0	0.1	376.8	0.01	99.29
118.0-118.5	1.2	0.1	376.9	0.01	99.30
118.5-119.0	1.2	0.1	376.9	0.02	99.32
119.0-119.5	0.8	0.0	377.0	0.01	99.33
119.5-120.0	0.4	0.0	377.0	0.00	99.33
120.0-120.5	0.2	0.0	377.0	0.00	99.33
120.5-121.0	0.2	0.0	377.0	0.00	99.34
121.0-121.5	0.1	0.0	377.0	0.00	99.34
121.5-122.0	0.1	0.0	377.0	0.00	99.34
122.0-122.5	0.1	0.0	377.0	0.00	99.34
122.5-123.0	0.1	0.0	377.0	0.00	99.34
123.0-123.5	0.1	0.0	377.0	0.00	99.34
123.5-124.0	0.1	0.0	377.0	0.00	99.34
124.0-124.5	0.1	0.0	377.1	0.00	99.34
124.5-125.0	0.1	0.0	377.1	0.00	99.35
125.0-125.5	0.1	0.0	377.1	0.00	99.35
125.5-126.0	0.1	0.0	377.1	0.00	99.35

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 7)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.2	0.0	377.1	0.00	99.35
126.5-127.0	0.1	0.0	377.1	0.00	99.35
127.0-127.5	0.1	0.0	377.1	0.00	99.35
127.5-128.0	0.2	0.0	377.1	0.00	99.35
128.0-128.5	0.1	0.0	377.1	0.00	99.36
128.5-129.0	0.2	0.0	377.1	0.00	99.36
129.0-129.5	0.3	0.0	377.1	0.00	99.36
129.5-130.0	0.3	0.0	377.1	0.00	99.37
130.0-130.5	0.3	0.0	377.1	0.00	99.37
130.5-131.0	0.3	0.0	377.2	0.00	99.37
131.0-131.5	0.2	0.0	377.2	0.00	99.37
131.5-132.0	0.3	0.0	377.2	0.00	99.38
132.0-132.5	0.4	0.0	377.2	0.00	99.38
132.5-133.0	0.3	0.0	377.2	0.00	99.38
133.0-133.5	0.3	0.0	377.2	0.00	99.39
133.5-134.0	0.2	0.0	377.2	0.00	99.39
134.0-134.5	0.1	0.0	377.2	0.00	99.39
134.5-135.0	0.4	0.0	377.2	0.00	99.40
135.0-135.5	0.5	0.0	377.3	0.00	99.40
135.5-136.0	0.2	0.0	377.3	0.00	99.40
136.0-136.5	0.2	0.0	377.3	0.00	99.40
136.5-137.0	0.4	0.0	377.3	0.00	99.41
137.0-137.5	0.4	0.0	377.3	0.00	99.41
137.5-138.0	0.3	0.0	377.3	0.00	99.42
138.0-138.5	0.3	0.0	377.3	0.00	99.42
138.5-139.0	0.3	0.0	377.3	0.00	99.42
139.0-139.5	0.3	0.0	377.4	0.00	99.42
139.5-140.0	0.4	0.0	377.4	0.00	99.43
140.0-140.5	0.5	0.0	377.4	0.00	99.43
140.5-141.0	0.6	0.0	377.4	0.01	99.44
141.0-141.5	0.7	0.0	377.4	0.01	99.44
141.5-142.0	0.7	0.0	377.5	0.01	99.45
142.0-142.5	1.1	0.0	377.5	0.01	99.46
142.5-143.0	0.9	0.0	377.5	0.01	99.47
143.0-143.5	0.6	0.0	377.5	0.01	99.47
143.5-144.0	0.8	0.0	377.6	0.01	99.48

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 8)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	0.6	0.0	377.6	0.00	99.48
144.5-145.0	0.5	0.0	377.6	0.00	99.49
145.0-145.5	0.9	0.0	377.6	0.01	99.50
145.5-146.0	1.0	0.0	377.7	0.01	99.50
146.0-146.5	0.9	0.0	377.7	0.01	99.51
146.5-147.0	0.7	0.0	377.7	0.01	99.52
147.0-147.5	0.7	0.0	377.7	0.01	99.52
147.5-148.0	0.9	0.0	377.8	0.01	99.53
148.0-148.5	0.6	0.0	377.8	0.00	99.53
148.5-149.0	1.0	0.0	377.8	0.01	99.54
149.0-149.5	1.1	0.0	377.8	0.01	99.55
149.5-150.0	1.0	0.0	377.9	0.01	99.56
150.0-150.5	1.5	0.0	377.9	0.01	99.57
150.5-151.0	1.5	0.0	377.9	0.01	99.58
151.0-151.5	1.0	0.0	378.0	0.01	99.59
151.5-152.0	0.7	0.0	378.0	0.00	99.59
152.0-152.5	1.1	0.0	378.0	0.01	99.60
152.5-153.0	1.5	0.0	378.1	0.01	99.61
153.0-153.5	2.0	0.0	378.1	0.01	99.62
153.5-154.0	2.5	0.1	378.2	0.02	99.64
154.0-154.5	1.5	0.0	378.2	0.01	99.65
154.5-155.0	1.0	0.0	378.2	0.01	99.65
155.0-155.5	1.3	0.0	378.2	0.01	99.66
155.5-156.0	1.1	0.0	378.3	0.01	99.67
156.0-156.5	1.5	0.0	378.3	0.01	99.67
156.5-157.0	2.1	0.0	378.4	0.01	99.69
157.0-157.5	2.6	0.1	378.4	0.01	99.70
157.5-158.0	2.4	0.0	378.5	0.01	99.71
158.0-158.5	2.3	0.0	378.5	0.01	99.73
158.5-159.0	2.7	0.1	378.6	0.01	99.74
159.0-159.5	2.2	0.0	378.6	0.01	99.75
159.5-160.0	1.5	0.0	378.6	0.01	99.76
160.0-160.5	1.4	0.0	378.7	0.01	99.77
160.5-161.0	1.9	0.0	378.7	0.01	99.78
161.0-161.5	2.1	0.0	378.7	0.01	99.79
161.5-162.0	2.4	0.0	378.8	0.01	99.80

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 9)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	3.2	0.1	378.8	0.01	99.81
162.5-163.0	2.4	0.0	378.9	0.01	99.82
163.0-163.5	1.4	0.0	378.9	0.01	99.83
163.5-164.0	2.6	0.0	378.9	0.01	99.84
164.0-164.5	3.0	0.0	379.0	0.01	99.85
164.5-165.0	2.8	0.0	379.0	0.01	99.86
165.0-165.5	3.0	0.0	379.0	0.01	99.87
165.5-166.0	2.2	0.0	379.1	0.01	99.88
166.0-166.5	1.9	0.0	379.1	0.01	99.88
166.5-167.0	2.6	0.0	379.1	0.01	99.89
167.0-167.5	2.3	0.0	379.2	0.01	99.90
167.5-168.0	2.0	0.0	379.2	0.01	99.91
168.0-168.5	2.6	0.0	379.2	0.01	99.91
168.5-169.0	2.6	0.0	379.2	0.01	99.92
169.0-169.5	2.8	0.0	379.3	0.01	99.93
169.5-170.0	2.9	0.0	379.3	0.01	99.94
170.0-170.5	2.1	0.0	379.3	0.01	99.94
170.5-171.0	2.0	0.0	379.3	0.00	99.95
171.0-171.5	2.6	0.0	379.4	0.01	99.95
171.5-172.0	2.2	0.0	379.4	0.00	99.96
172.0-172.5	2.1	0.0	379.4	0.00	99.96
172.5-173.0	2.6	0.0	379.4	0.00	99.97
173.0-173.5	2.8	0.0	379.4	0.00	99.97
173.5-174.0	3.0	0.0	379.4	0.00	99.98
174.0-174.5	2.9	0.0	379.5	0.00	99.98
174.5-175.0	2.1	0.0	379.5	0.00	99.98
175.0-175.5	2.6	0.0	379.5	0.00	99.99
175.5-176.0	3.8	0.0	379.5	0.00	99.99
176.0-176.5	3.3	0.0	379.5	0.00	99.99
176.5-177.0	2.5	0.0	379.5	0.00	99.99
177.0-177.5	2.2	0.0	379.5	0.00	100.00
177.5-178.0	2.1	0.0	379.5	0.00	100.00
178.0-178.5	2.9	0.0	379.5	0.00	100.00
178.5-179.0	3.2	0.0	379.5	0.00	100.00
179.0-179.5	2.7	0.0	379.5	0.00	100.00
179.5-180.0	2.4	0.0	379.5	0.00	100.00

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

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	1778.2	1771.4	1784.8	1785.6	1778.2	1771.4	1784.8	1785.6	1778.2	
G0.5	1774.1	1777.7	1791.5	1783.9	1778.0	1769.1	1774.8	1785.2	1774.1	
G1.0	1765.8	1781.8	1793.8	1782.9	1779.3	1762.6	1761.5	1778.9	1765.8	
G1.5	1758.4	1789.1	1799.3	1785.1	1780.5	1754.4	1747.0	1767.5	1758.4	
G2.0	1747.1	1788.8	1806.7	1790.7	1775.0	1740.4	1725.7	1753.1	1747.1	
G2.5	1734.9	1784.4	1802.0	1795.1	1760.7	1718.6	1705.8	1733.3	1734.9	
G3.0	1705.2	1767.4	1795.9	1793.4	1746.4	1689.1	1677.3	1711.8	1705.2	
G3.5	1673.9	1751.7	1790.1	1782.1	1719.9	1653.3	1638.9	1679.8	1673.9	
G4.0	1630.9	1721.4	1776.3	1762.9	1682.2	1609.7	1592.6	1638.3	1630.9	
G4.5	1582.7	1686.3	1751.8	1735.3	1648.0	1558.9	1536.4	1586.4	1582.7	
G5.0	1522.9	1640.6	1724.2	1695.4	1595.7	1501.3	1472.0	1526.6	1522.9	
G5.5	1458.0	1595.7	1682.4	1647.6	1542.7	1432.9	1396.7	1455.3	1458.0	
G6.0	1392.4	1536.2	1636.3	1590.1	1482.4	1369.1	1325.7	1386.4	1392.4	
G6.5	1326.5	1470.0	1578.3	1527.6	1419.9	1304.7	1257.9	1318.9	1326.5	
G7.0	1261.3	1404.3	1509.2	1454.9	1351.6	1242.8	1193.5	1252.2	1261.3	
G7.5	1200.7	1342.3	1436.2	1378.0	1289.2	1169.9	1129.8	1186.0	1200.7	
G8.0	1139.3	1279.6	1362.8	1297.5	1227.1	1105.1	1065.1	1119.2	1139.3	
G8.5	1078.5	1221.9	1292.8	1228.5	1164.4	1048.6	1000.3	1053.0	1078.5	
G9.0	1017.2	1162.1	1229.2	1160.6	1102.8	979.2	929.1	986.4	1017.2	
G9.5	957.0	1103.9	1167.5	1094.8	1042.7	918.4	864.2	913.1	957.0	
G10.0	894.9	1041.5	1104.4	1032.0	981.9	859.3	802.3	849.1	894.9	
G10.5	833.4	981.1	1039.3	969.8	920.8	797.6	742.1	783.6	833.4	
G11.0	773.1	918.6	975.4	907.9	861.6	736.9	683.1	720.4	773.1	
G11.5	713.2	855.9	912.2	846.6	798.3	677.3	628.2	660.5	713.2	
G12.0	653.6	791.6	841.0	781.9	747.0	620.6	567.7	601.7	653.6	
G12.5	596.7	728.4	782.9	724.6	685.6	561.0	523.8	547.1	596.7	
G13.0	543.3	665.5	718.1	661.0	636.9	517.6	477.1	495.5	543.3	
G13.5	493.6	600.5	649.9	602.8	581.4	465.7	428.8	448.5	493.6	
G14.0	442.4	547.3	591.2	544.9	531.9	424.0	393.1	399.9	442.4	
G14.5	401.8	493.6	541.0	494.2	485.0	387.0	361.3	367.7	401.8	
G15.0	370.7	445.0	482.2	444.1	439.7	353.4	324.1	327.9	370.7	
G15.5	331.7	400.3	440.1	399.5	398.2	326.3	296.7	297.8	331.7	
G16.0	305.2	360.9	393.3	359.2	362.2	298.2	272.4	271.3	305.2	
G16.5	276.0	325.7	352.9	324.1	328.7	273.4	250.9	248.1	276.0	
G17.0	252.9	294.9	318.7	291.1	296.7	251.1	235.7	231.4	252.9	
G17.5	232.4	270.4	288.9	262.9	267.2	230.9	213.8	213.9	232.4	
G18.0	218.4	247.1	264.9	238.6	244.1	213.6	203.8	198.7	218.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

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	
G18.5	199.0	224.3	239.6	217.6	224.1	192.8	185.1	185.2	199.0	
G19.0	189.0	206.4	219.7	199.4	206.6	178.9	177.8	173.0	189.0	
G19.5	176.6	193.9	202.1	183.7	190.9	166.6	161.8	157.1	176.6	
G20.0	160.8	180.3	189.6	168.4	176.8	159.9	156.1	147.7	160.8	
G20.5	156.2	168.2	176.8	157.9	167.1	146.4	147.4	139.4	156.2	
G21.0	147.6	157.6	161.5	146.4	153.6	142.3	135.4	131.9	147.6	
G21.5	135.0	147.1	151.2	137.9	146.7	134.6	132.3	129.4	135.0	
G22.0	128.0	135.5	142.2	131.4	138.1	127.5	125.9	119.4	128.0	
G22.5	121.6	127.9	134.4	124.9	130.2	121.2	120.0	118.1	121.6	
G23.0	115.6	124.5	127.0	117.4	124.2	115.7	114.7	113.2	115.6	
G23.5	110.3	118.3	123.2	113.8	118.2	110.7	105.2	108.6	110.3	
G24.0	109.7	112.8	117.3	108.9	109.9	106.2	105.6	100.7	109.7	
G24.5	105.3	107.9	111.8	102.9	104.8	102.3	101.8	97.1	105.3	
G25.0	101.2	103.4	104.1	100.8	103.8	98.8	98.3	94.0	101.2	
G25.5	97.6	99.5	102.6	97.2	99.9	91.0	95.0	94.9	97.6	
G26.0	94.3	92.5	98.6	93.9	96.3	88.1	87.8	92.0	94.3	
G26.5	91.2	92.7	95.0	91.1	92.7	85.6	85.3	85.6	91.2	
G27.0	88.4	86.3	91.8	86.4	86.6	87.8	83.1	87.0	88.4	
G27.5	86.0	86.7	85.8	85.7	87.3	81.6	85.8	81.5	86.0	
G28.0	80.1	81.3	85.9	83.3	85.1	79.9	80.0	80.5	80.1	
G28.5	78.6	79.6	83.5	79.0	83.2	83.3	82.5	79.7	78.6	
G29.0	80.7	81.0	78.9	79.5	78.0	76.8	75.9	77.6	80.7	
G29.5	74.6	76.5	79.7	75.6	76.2	78.3	77.2	74.9	74.6	
G30.0	71.5	78.0	75.1	74.2	74.3	75.6	74.2	71.7	71.5	
G30.5	68.1	75.9	72.9	72.2	71.7	73.2	71.4	71.2	68.1	
G31.0	65.0	72.9	70.3	69.6	72.7	70.9	68.9	68.3	65.0	
G31.5	62.4	66.8	67.8	68.7	70.4	64.0	62.2	65.8	62.4	
G32.0	63.5	66.6	68.1	65.7	67.8	65.8	64.5	63.5	63.5	
G32.5	58.0	61.6	65.8	63.1	61.4	58.6	57.9	59.0	58.0	
G33.0	59.5	59.6	61.1	61.1	59.1	56.3	60.0	59.5	59.5	
G33.5	54.3	57.5	60.8	56.2	56.8	58.8	57.9	57.7	54.3	
G34.0	56.0	58.1	56.1	54.5	58.6	57.3	51.8	54.2	56.0	
G34.5	54.4	56.2	53.9	56.0	52.8	51.4	50.2	52.5	54.4	
G35.0	52.7	54.5	52.1	51.1	54.9	50.1	48.6	52.4	52.7	
G35.5	51.1	50.6	50.4	52.6	49.1	48.1	47.1	49.5	51.1	
G36.0	49.3	51.6	50.6	51.0	51.7	46.5	49.4	47.9	49.3	
G36.5	47.8	49.9	49.1	45.9	50.3	49.2	47.9	47.3	47.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

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	
G37.0	43.9	46.2	47.7	48.2	44.7	47.8	42.7	45.2	43.9	
G37.5	42.7	47.4	44.8	46.9	43.5	46.5	44.9	44.0	42.7	
G38.0	43.9	46.1	45.0	41.9	42.1	40.9	39.9	42.8	43.9	
G38.5	42.7	42.6	42.2	44.4	45.1	39.7	38.7	41.8	42.7	
G39.0	39.7	44.2	41.1	39.4	44.0	38.2	37.5	40.8	39.7	
G39.5	38.9	43.1	40.1	38.2	38.5	37.1	36.4	39.8	38.9	
G40.0	38.0	42.1	40.6	37.1	41.8	36.0	35.4	39.2	38.0	
G40.5	39.0	41.2	39.7	40.2	36.3	39.0	37.3	38.4	39.0	
G41.0	38.2	38.2	39.0	39.3	35.3	33.9	33.4	37.6	38.2	
G41.5	37.1	37.4	37.0	34.2	38.9	32.9	35.2	35.7	37.1	
G42.0	34.9	36.8	36.3	37.5	33.4	36.0	31.7	34.7	34.9	
G42.5	34.1	36.0	35.5	36.5	32.5	35.1	33.2	33.6	34.1	
G43.0	34.2	35.1	35.7	35.5	31.7	30.1	30.0	34.3	34.2	
G43.5	33.4	34.2	33.7	30.5	30.8	29.3	31.2	31.8	33.4	
G44.0	32.6	35.8	33.6	34.1	34.3	32.4	30.3	32.8	32.6	
G44.5	31.0	35.0	31.8	28.8	33.5	31.6	27.5	29.8	31.0	
G45.0	30.8	31.9	31.1	28.2	28.0	26.6	26.7	31.2	30.8	
G45.5	29.5	31.1	30.6	31.9	31.8	25.8	27.4	28.0	29.5	
G46.0	28.5	32.6	30.8	31.1	26.4	25.0	25.0	27.1	28.5	
G46.5	27.7	29.1	29.9	26.0	25.6	28.2	24.3	29.1	27.7	
G47.0	26.9	28.1	29.0	25.4	24.8	27.4	24.4	28.5	26.9	
G47.5	26.6	27.3	27.4	24.6	24.1	22.7	22.7	28.0	26.6	
G48.0	26.0	29.1	27.2	28.5	23.3	21.9	22.0	27.3	26.0	
G48.5	24.7	28.5	26.0	27.8	26.8	24.9	21.3	23.1	24.7	
G49.0	24.0	28.0	25.5	26.9	26.0	24.2	20.6	22.0	24.0	
G49.5	23.3	27.4	25.4	21.9	25.1	23.3	19.9	20.7	23.3	
G50.0	23.5	24.2	24.3	21.1	24.3	22.4	19.0	19.9	23.5	
G50.5	22.7	23.5	23.5	24.3	19.1	17.8	18.1	22.8	22.7	
G51.0	21.8	22.5	22.7	19.3	18.3	17.0	17.6	21.9	21.8	
G51.5	19.4	24.1	21.4	22.8	17.5	19.8	16.5	17.1	19.4	
G52.0	20.3	20.6	20.2	17.8	16.7	15.4	16.4	16.2	20.3	
G52.5	17.5	22.5	19.6	21.1	19.7	14.6	15.8	19.3	17.5	
G53.0	18.2	21.8	18.9	16.1	19.0	17.3	13.9	18.4	18.2	
G53.5	14.8	18.1	18.4	19.2	14.4	13.2	14.7	17.2	14.8	
G54.0	15.6	16.8	17.4	14.3	13.4	12.6	12.6	16.1	15.6	
G54.5	14.6	18.0	16.0	17.1	16.5	12.0	11.7	15.3	14.6	
G55.0	13.8	16.7	14.8	12.4	12.1	14.6	13.2	14.5	13.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

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	
G55.5	10.6	12.4	13.5	11.6	11.5	10.9	10.6	9.4	10.6	
G56.0	12.6	14.5	12.2	14.3	11.0	13.5	9.9	13.3	12.6	
G56.5	9.3	13.9	11.6	13.5	13.7	9.9	9.5	12.7	9.3	
G57.0	8.8	13.3	11.1	9.7	12.9	12.4	11.6	12.2	8.8	
G57.5	11.3	9.5	10.4	9.2	12.6	8.9	8.2	11.8	11.3	
G58.0	7.9	9.0	10.0	11.6	9.0	8.7	10.9	7.0	7.9	
G58.5	7.4	11.9	9.5	11.1	8.5	8.3	10.5	6.7	7.4	
G59.0	10.2	11.5	8.9	8.0	11.2	7.8	6.8	6.3	10.2	
G59.5	6.6	7.6	8.6	7.7	8.1	10.1	9.9	6.0	6.6	
G60.0	9.6	7.2	8.3	7.4	10.2	7.3	6.1	5.8	9.6	
G60.5	5.8	6.8	7.7	7.2	10.0	9.1	5.8	5.5	5.8	
G61.0	5.5	6.2	7.6	8.9	9.5	8.9	5.4	5.3	5.5	
G61.5	8.9	9.8	7.2	8.5	6.8	8.5	8.9	9.0	8.9	
G62.0	4.9	5.7	6.7	8.1	8.7	6.2	4.7	4.9	4.9	
G62.5	8.4	9.1	6.6	6.4	6.4	6.0	4.3	8.4	8.4	
G63.0	4.3	8.9	6.3	7.4	8.0	7.5	4.0	4.5	4.3	
G63.5	4.1	8.6	6.1	7.1	5.8	5.6	8.0	4.3	4.1	
G64.0	3.8	8.2	5.8	6.7	7.1	5.4	3.4	4.2	3.8	
G64.5	7.6	4.0	5.7	6.5	5.5	5.2	7.5	4.0	7.6	
G65.0	3.3	7.9	5.3	5.8	5.2	5.1	7.3	3.8	3.3	
G65.5	7.2	3.3	5.1	5.8	6.1	4.8	7.1	6.8	7.2	
G66.0	2.9	3.3	5.0	5.5	5.9	4.7	6.8	6.6	2.9	
G66.5	6.9	3.0	4.8	5.2	5.6	4.6	6.7	6.1	6.9	
G67.0	6.7	2.9	4.6	5.4	5.3	4.4	6.5	6.1	6.7	
G67.5	2.3	7.0	4.3	4.7	5.1	4.8	1.8	3.2	2.3	
G68.0	6.4	6.8	4.3	4.3	4.5	4.2	6.1	5.5	6.4	
G68.5	6.3	6.7	4.1	4.0	4.5	4.0	1.5	3.0	6.3	
G69.0	1.9	2.1	3.7	3.8	4.3	4.0	5.7	5.3	1.9	
G69.5	1.7	1.9	3.5	3.5	4.3	3.8	5.5	5.0	1.7	
G70.0	6.0	6.2	3.3	3.3	4.2	3.8	5.2	2.7	6.0	
G70.5	5.9	1.6	3.5	5.0	4.2	3.7	5.2	2.6	5.9	
G71.0	1.3	1.5	3.3	2.8	4.1	3.6	0.7	4.4	1.3	
G71.5	5.6	1.3	3.2	4.9	4.1	3.5	0.6	4.5	5.6	
G72.0	1.1	5.6	2.7	2.3	3.1	3.5	0.5	2.3	1.1	
G72.5	0.9	1.0	2.5	4.8	2.7	2.4	4.3	4.0	0.9	
G73.0	5.3	5.3	2.8	4.7	4.0	3.3	4.1	4.0	5.3	
G73.5	5.2	0.8	2.2	1.5	2.6	2.0	3.9	3.8	5.2	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

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	
G74.0	5.1	5.1	2.5	4.6	2.3	3.1	0.2	3.7	5.1	
G74.5	5.0	4.9	1.9	4.5	2.3	1.3	3.6	3.6	5.0	
G75.0	4.9	4.8	1.7	4.3	3.9	3.0	0.1	1.6	4.9	
G75.5	0.4	4.6	2.1	0.7	2.1	2.9	3.1	3.3	0.4	
G76.0	4.7	0.1	2.1	4.3	1.9	0.8	0.0	1.4	4.7	
G76.5	0.1	4.3	1.9	0.1	1.7	2.8	2.6	3.0	0.1	
G77.0	0.2	4.3	1.2	4.2	3.7	2.7	0.0	2.8	0.2	
G77.5	4.4	4.2	1.1	0.0	3.9	2.5	2.2	2.6	4.4	
G78.0	4.1	3.8	1.6	0.0	3.9	0.1	2.0	2.4	4.1	
G78.5	0.0	3.8	0.8	0.0	1.0	2.5	0.0	2.3	0.0	
G79.0	3.9	3.5	0.6	0.0	3.8	2.3	1.6	2.2	3.9	
G79.5	3.6	3.2	1.3	3.4	3.7	0.0	0.0	0.2	3.6	
G80.0	3.7	0.0	0.3	0.0	3.4	0.0	1.2	1.9	3.7	
G80.5	0.0	0.0	0.0	3.3	0.4	0.0	0.9	1.8	0.0	
G81.0	3.3	0.0	1.0	3.2	3.5	2.3	0.0	0.0	3.3	
G81.5	3.2	0.0	0.0	0.0	3.2	0.0	0.5	0.0	3.2	
G82.0	3.2	0.0	0.7	3.0	0.0	0.0	0.0	1.5	3.2	
G82.5	3.0	0.0	0.8	3.0	3.3	0.0	0.1	1.5	3.0	
G83.0	0.0	2.6	0.8	2.9	3.0	0.0	0.0	1.4	0.0	
G83.5	2.8	2.4	0.0	2.8	0.0	0.0	0.0	1.3	2.8	
G84.0	2.7	2.3	0.0	0.0	3.0	0.0	0.0	1.3	2.7	
G84.5	0.0	0.0	0.6	0.0	0.0	2.0	0.0	1.2	0.0	
G85.0	2.5	2.1	0.4	2.4	0.0	1.9	0.0	0.0	2.5	
G85.5	0.0	0.0	0.5	0.0	2.8	0.0	0.0	0.9	0.0	
G86.0	2.4	1.9	0.0	2.2	2.7	0.0	0.1	0.0	2.4	
G86.5	0.0	1.8	0.0	2.1	0.0	1.6	0.0	0.6	0.0	
G87.0	0.0	0.0	0.4	0.0	2.6	0.0	0.0	0.0	0.0	
G87.5	0.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
G88.0	2.1	0.0	0.2	1.6	2.5	0.0	0.0	0.0	2.1	
G88.5	2.0	1.4	0.2	1.4	2.5	0.0	0.0	0.0	2.0	
G89.0	1.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9	
G89.5	1.8	1.1	0.2	0.0	0.0	0.0	0.0	0.4	1.8	
G90.0	1.8	0.0	0.1	0.7	0.0	1.3	0.1	0.0	1.8	
G90.5	0.0	0.0	0.1	0.0	2.4	1.3	0.0	0.5	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	1.2	0.4	0.3	0.0	
G91.5	0.0	0.0	0.0	0.0	2.4	0.0	0.3	0.0	0.0	
G92.0	1.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G92.5	1.6	0.2	0.0	0.0	2.4	1.1	0.0	0.0	1.6	
G93.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
G93.5	1.4	0.0	0.0	0.0	0.0	0.0	0.7	0.6	1.4	
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.0	
G94.5	1.5	0.0	0.0	0.0	0.0	1.1	0.8	0.6	1.5	
G95.0	1.4	0.0	0.5	0.0	0.0	0.0	0.0	0.6	1.4	
G95.5	0.0	0.0	0.5	0.0	2.6	1.1	0.9	0.0	0.0	
G96.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	
G96.5	0.0	0.0	0.0	0.0	2.7	1.0	0.9	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	2.7	1.0	1.0	0.8	0.0	
G97.5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	
G98.0	0.0	0.0	0.7	0.0	0.0	0.0	1.0	0.8	0.0	
G98.5	0.0	0.0	0.0	0.0	2.7	1.0	0.0	0.9	0.0	
G99.0	1.7	0.0	0.6	0.0	0.0	0.0	1.0	0.9	1.7	
G99.5	1.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.9	
G100.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1	
G100.5	0.6	0.0	0.7	0.0	0.0	0.8	1.0	0.0	0.6	
G101.0	0.8	0.0	0.0	0.0	3.2	0.0	0.0	1.0	0.8	
G101.5	1.0	0.0	0.9	0.0	0.0	0.0	0.9	1.1	1.0	
G102.0	1.2	0.0	0.9	0.0	3.4	0.8	0.9	0.0	1.2	
G102.5	1.5	0.0	0.0	0.2	3.5	0.9	0.8	0.0	1.5	
G103.0	1.8	0.0	1.0	0.1	3.5	0.0	0.0	0.0	1.8	
G103.5	3.5	0.0	0.0	0.4	0.0	0.7	0.7	1.2	3.5	
G104.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	
G104.5	5.0	0.0	1.0	0.4	4.3	0.0	0.5	0.0	5.0	
G105.0	5.9	0.0	1.0	0.0	0.7	0.8	0.4	0.0	5.9	
G105.5	6.7	0.0	1.0	0.0	1.3	0.0	0.0	0.0	6.7	
G106.0	7.4	0.0	1.0	0.7	6.4	0.0	0.3	1.2	7.4	
G106.5	8.3	0.0	1.0	0.9	2.8	0.0	0.2	1.2	8.3	
G107.0	9.1	0.0	0.0	0.0	8.0	0.7	0.1	1.2	9.1	
G107.5	9.6	0.0	0.0	0.0	4.4	0.7	0.0	1.2	9.6	
G108.0	9.4	0.0	1.0	0.0	9.8	0.7	0.0	0.0	9.4	
G108.5	9.9	0.0	0.0	1.1	6.3	0.0	0.0	1.1	9.9	
G109.0	10.2	0.0	0.9	1.1	11.5	0.6	0.0	0.0	10.2	
G109.5	10.8	0.0	0.0	1.2	11.9	0.6	0.0	0.9	10.8	
G110.0	12.4	0.0	0.0	0.0	7.8	0.0	0.0	0.0	12.4	
G110.5	12.4	0.0	0.0	1.2	7.9	0.0	0.0	1.0	12.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	12.7	0.0	0.0	0.0	12.4	0.0	0.0	0.8	12.7	
G111.5	13.3	0.0	0.7	0.0	12.5	0.4	0.0	0.9	13.3	
G112.0	12.7	0.0	0.7	0.0	8.0	0.0	0.0	0.9	12.7	
G112.5	11.8	0.0	0.0	1.2	12.1	0.0	0.0	0.0	11.8	
G113.0	11.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	11.0	
G113.5	10.2	0.0	0.5	1.1	6.9	0.3	0.0	0.0	10.2	
G114.0	9.3	0.0	0.0	0.0	10.9	0.4	0.0	0.0	9.3	
G114.5	8.4	0.0	0.1	1.1	10.4	0.0	0.0	0.0	8.4	
G115.0	7.7	0.0	0.2	0.0	5.6	0.3	0.0	0.4	7.7	
G115.5	7.5	0.0	0.1	0.0	9.5	0.0	0.0	0.0	7.5	
G116.0	6.9	0.0	0.0	0.9	4.1	0.2	0.0	0.2	6.9	
G116.5	6.9	0.0	0.0	0.0	7.0	0.0	0.0	0.0	6.9	
G117.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	
G117.5	8.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	8.1	
G118.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	
G118.5	9.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	9.0	
G119.0	7.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	7.9	
G119.5	2.8	0.0	0.0	0.0	1.1	0.2	0.0	0.0	2.8	
G120.0	0.0	0.0	0.0	0.5	1.1	0.1	0.0	0.0	0.0	
G120.5	0.0	0.0	0.0	0.4	1.1	0.2	0.0	0.0	0.0	
G121.0	0.0	0.0	0.0	0.0	1.1	0.1	0.2	0.0	0.0	
G121.5	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	
G122.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0	
G122.5	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	
G123.0	0.0	0.0	0.0	0.0	1.0	0.0	0.5	0.0	0.0	
G123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G124.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
G124.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	
G125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
G126.0	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.4	0.0	
G126.5	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	
G127.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	
G127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
G128.0	0.0	0.0	0.0	0.0	0.8	0.2	0.9	0.0	0.0	
G128.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
G129.0	0.0	0.0	0.3	0.0	0.7	0.4	0.0	0.9	0.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G129.5	0.0	0.0	0.4	0.0	0.7	0.0	1.0	1.0	0.0	
G130.0	0.0	0.0	0.3	0.0	0.0	0.4	1.1	0.0	0.0	
G130.5	0.0	0.0	0.0	0.0	0.6	0.0	1.1	1.2	0.0	
G131.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.2	0.0	
G131.5	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.0	0.0	
G132.0	0.0	0.0	0.8	0.0	0.4	0.6	1.2	1.3	0.0	
G132.5	0.1	0.0	0.9	0.0	0.4	0.0	1.2	0.0	0.1	
G133.0	0.0	0.0	0.0	0.0	0.3	0.6	1.2	0.0	0.0	
G133.5	0.1	0.0	1.0	0.0	0.1	0.0	1.3	0.0	0.1	
G134.0	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.1	
G134.5	0.1	0.0	1.1	0.3	0.1	0.0	0.0	0.0	0.1	
G135.0	0.0	0.0	1.2	0.0	0.2	0.8	1.3	1.5	0.0	
G135.5	0.2	0.0	1.2	0.5	0.0	0.8	0.0	0.0	0.2	
G136.0	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.3	
G136.5	0.0	0.0	0.0	0.7	0.0	0.0	1.4	0.0	0.0	
G137.0	0.3	0.0	0.0	0.0	0.0	1.0	1.5	1.6	0.3	
G137.5	0.4	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.4	
G138.0	0.0	0.0	0.0	0.9	0.0	1.1	1.5	0.0	0.0	
G138.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	
G139.0	0.6	0.0	0.0	1.1	0.0	0.0	1.6	0.0	0.6	
G139.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	
G140.0	0.0	0.0	1.5	0.0	0.0	0.0	1.7	1.8	0.0	
G140.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.8	
G141.0	0.8	0.0	1.6	1.4	0.0	0.0	1.8	1.9	0.8	
G141.5	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.9	0.0	
G142.0	0.0	0.0	1.6	0.0	0.1	1.6	1.9	1.9	0.0	
G142.5	1.1	0.0	1.7	1.6	0.1	1.7	1.9	2.0	1.1	
G143.0	0.0	0.0	0.0	1.6	0.3	0.0	0.0	2.0	0.0	
G143.5	0.0	0.0	1.7	0.0	0.0	1.7	0.0	2.0	0.0	
G144.0	1.3	0.0	0.0	1.9	0.0	2.0	0.0	2.1	1.3	
G144.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	
G145.0	1.5	0.0	1.9	0.0	0.0	0.0	0.0	2.1	1.5	
G145.5	1.6	0.0	1.9	2.1	1.0	2.3	0.0	0.0	1.6	
G146.0	0.0	0.0	1.9	0.0	0.0	2.3	0.0	2.2	0.0	
G146.5	1.8	0.2	2.0	0.0	1.4	0.0	2.3	0.0	1.8	
G147.0	0.0	0.0	1.8	0.0	0.0	2.5	0.0	0.0	0.0	
G147.5	2.0	0.4	0.0	2.3	0.0	0.0	2.6	0.0	2.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	0.0	0.5	2.1	0.0	1.8	0.0	0.0	2.3	0.0	
G148.5	0.0	0.6	0.0	0.0	0.0	2.8	0.0	0.0	0.0	
G149.0	2.3	0.0	2.2	2.5	0.0	2.9	0.0	2.5	2.3	
G149.5	2.5	0.9	0.0	0.0	0.0	0.0	0.0	2.5	2.5	
G150.0	2.5	0.0	0.0	2.6	0.0	0.0	2.9	2.5	2.5	
G150.5	2.7	0.1	0.0	2.6	2.6	3.1	3.0	0.0	2.7	
G151.0	0.0	1.3	2.4	0.0	0.0	3.0	0.0	2.6	0.0	
G151.5	0.0	0.2	0.0	2.7	0.0	0.0	3.1	0.0	0.0	
G152.0	0.0	1.5	0.0	0.0	0.0	3.4	0.0	0.0	0.0	
G152.5	3.2	1.6	2.6	2.8	0.0	0.0	0.0	2.8	3.2	
G153.0	3.3	0.4	0.0	0.0	3.2	3.5	0.0	0.0	3.3	
G153.5	3.4	1.8	2.8	0.0	3.4	3.6	3.4	2.7	3.4	
G154.0	3.6	2.0	0.0	0.0	3.5	3.7	3.4	2.9	3.6	
G154.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.2	3.7	
G155.0	0.0	2.3	0.0	2.9	0.0	0.0	3.6	2.8	0.0	
G155.5	0.0	0.7	0.0	0.3	3.8	3.8	0.0	0.5	0.0	
G156.0	0.0	2.5	3.1	3.0	0.0	0.0	0.0	0.6	0.0	
G156.5	0.1	2.7	3.2	0.6	3.8	0.0	3.8	0.5	0.1	
G157.0	0.1	2.6	3.3	0.8	4.0	3.9	3.8	0.8	0.1	
G157.5	4.3	3.0	3.4	1.0	4.1	4.0	0.0	3.1	4.3	
G158.0	4.4	3.0	3.5	1.2	0.0	0.0	0.0	3.0	4.4	
G158.5	4.3	3.0	0.0	3.0	4.1	4.0	0.0	3.2	4.3	
G159.0	4.6	1.1	0.0	2.9	4.2	4.0	3.9	1.1	4.6	
G159.5	0.4	1.1	3.7	2.9	0.0	0.2	4.0	1.1	0.4	
G160.0	0.2	1.0	0.1	2.0	4.1	0.2	0.0	3.3	0.2	
G160.5	0.5	1.2	0.2	2.2	0.0	3.9	0.0	3.3	0.5	
G161.0	0.5	1.3	3.9	2.4	3.9	3.9	0.0	3.3	0.5	
G161.5	0.4	1.1	0.4	2.8	4.1	0.5	4.1	1.5	0.4	
G162.0	5.0	4.0	4.1	2.8	0.0	3.8	0.0	3.3	5.0	
G162.5	5.1	4.1	4.2	2.7	4.0	0.7	4.2	3.3	5.1	
G163.0	0.4	1.3	0.6	2.5	0.1	3.6	0.0	1.6	0.4	
G163.5	0.7	4.3	0.7	2.6	0.2	0.8	0.0	3.2	0.7	
G164.0	5.2	4.4	4.3	2.5	4.0	3.4	4.2	1.7	5.2	
G164.5	5.0	1.5	0.8	3.4	4.0	0.9	0.0	3.1	5.0	
G165.0	5.2	4.6	4.4	3.7	3.9	0.8	0.0	3.1	5.2	
G165.5	5.2	1.5	4.6	3.8	3.9	1.1	0.0	1.7	5.2	
G166.0	0.6	4.7	0.9	2.0	0.6	1.2	0.0	3.0	0.6	

C Plane (°):0.0-360.0: 45.0

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