

Test Time: 2025-11-10 11:52

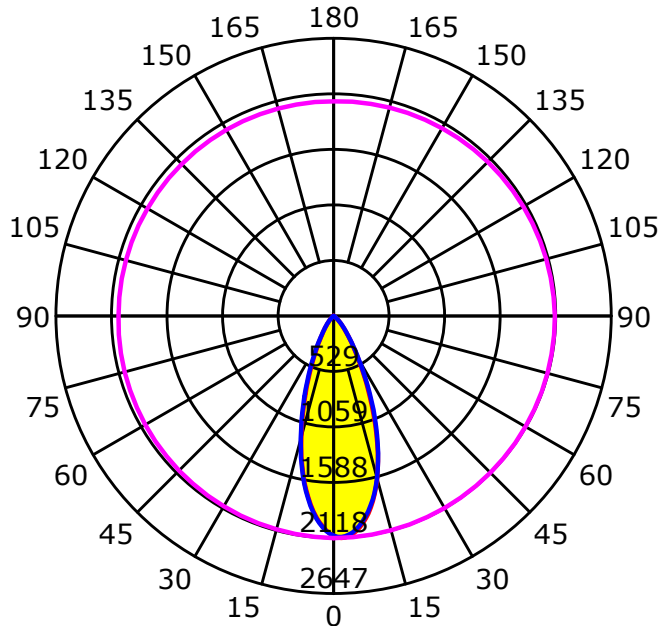
Luminaire Manufacturer: NORDECOR
Luminaire Description: 80009
Luminous Width (mm): 20
Current: 0.172 A
Power Factor: 0.465

Luminous Length (mm): 190
Voltage: 220.4 V
Power: 17.68 W

CIE Class: Direct
Measurement Flux: 1081.9 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,80%
Vertical Diffuse Angle(10%,50%,80%,1
Luminaire Efficacy Rating (LER): 61.24
Max. Intensity: 2118.02 cd
S/MH(C0/C180): 0.63

Total Rated Lamp Lumens: 1081.9 lm
Efficiency: 100%
Upward Ratio: 0%
0%): H69.3,H38.3,H22.7,H2
): V70,V39,V22.9,V2
Central Intensity: 2097.67 cd
Pos of Max. Intensity: H0 V2
S/MH(C90/C270): 0.63

Luminous Intensity Distribution Curve

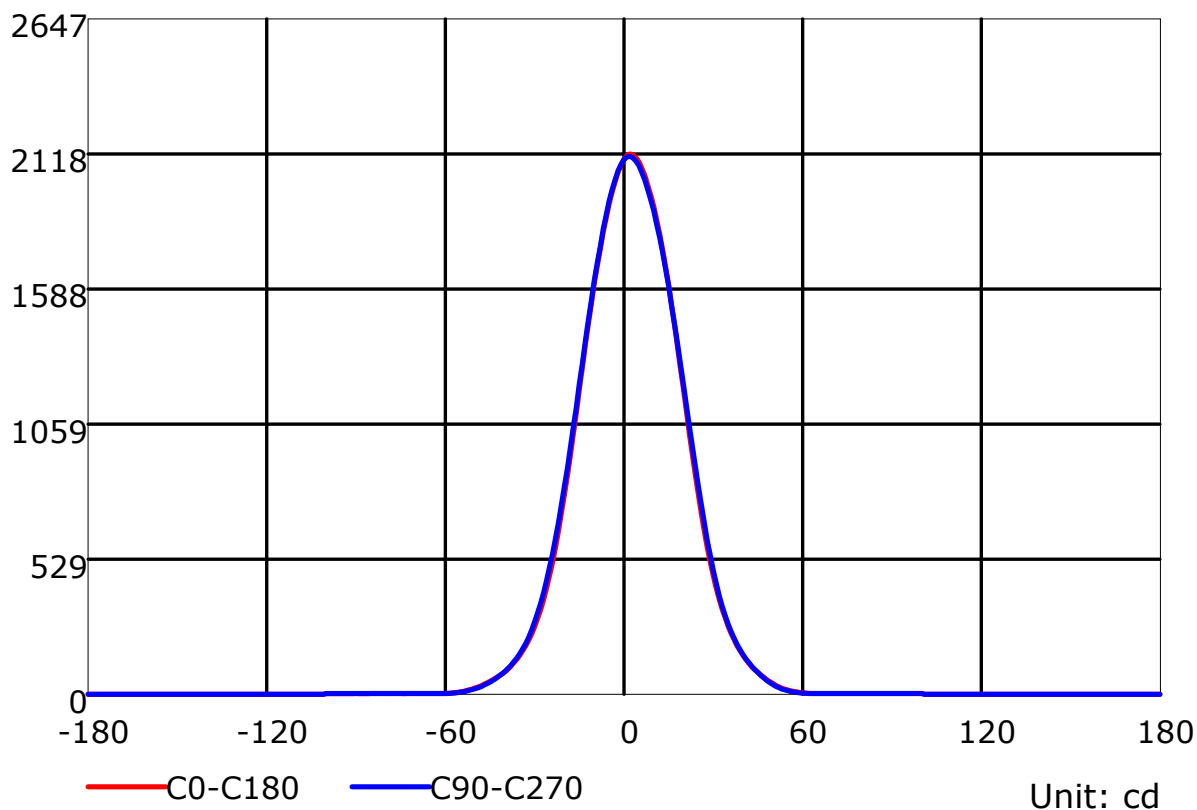
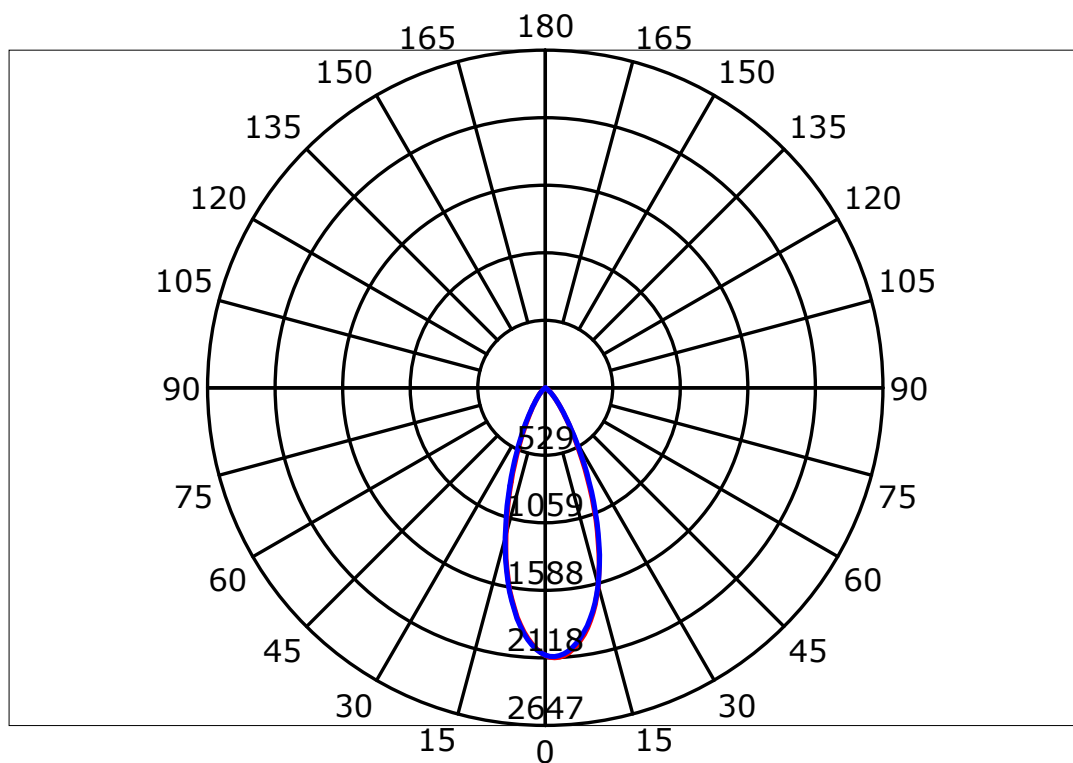


Average Diffuse Angle(50%): 38.5°

— C0-C180 — C90-C270 — G2

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

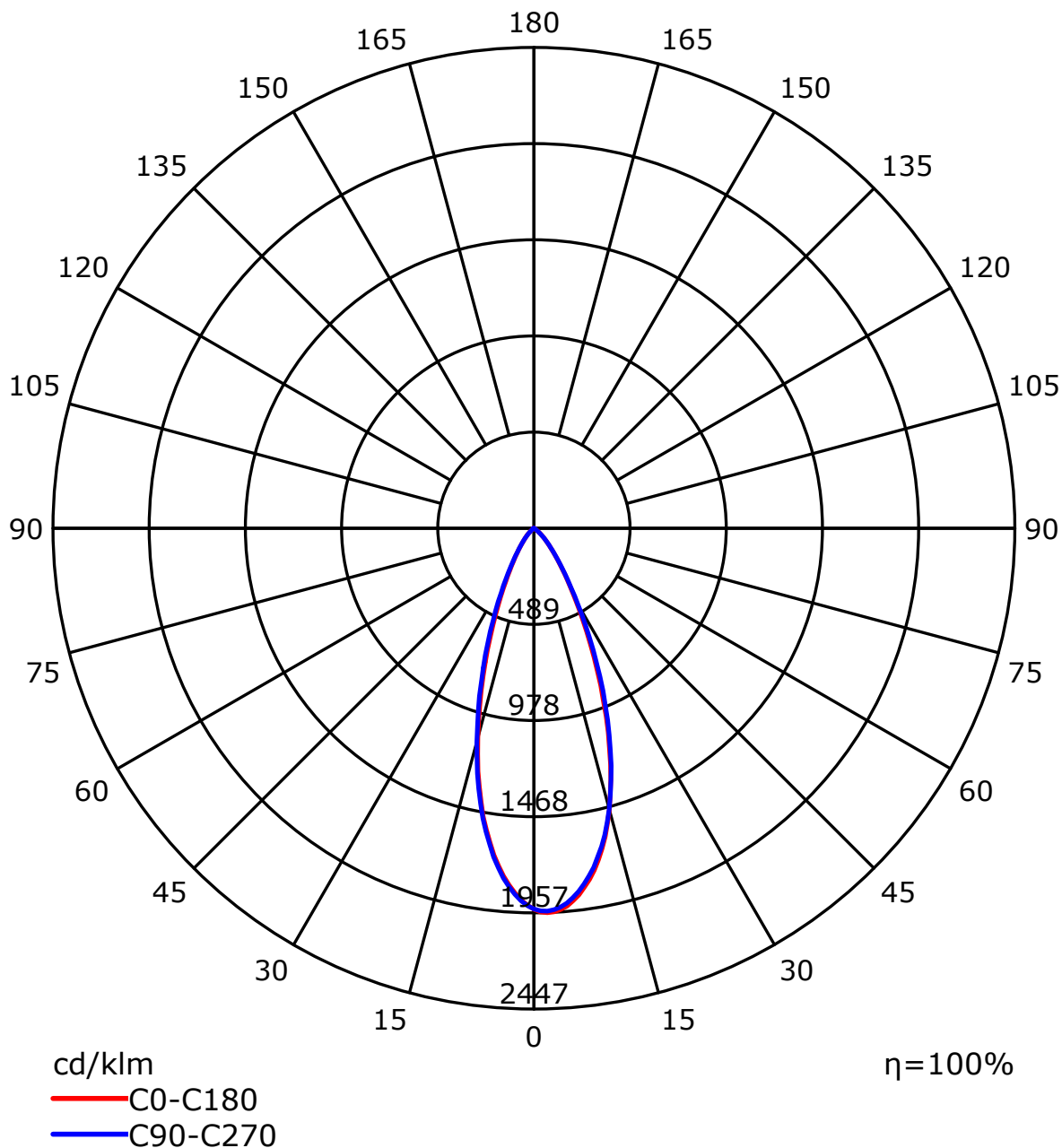
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



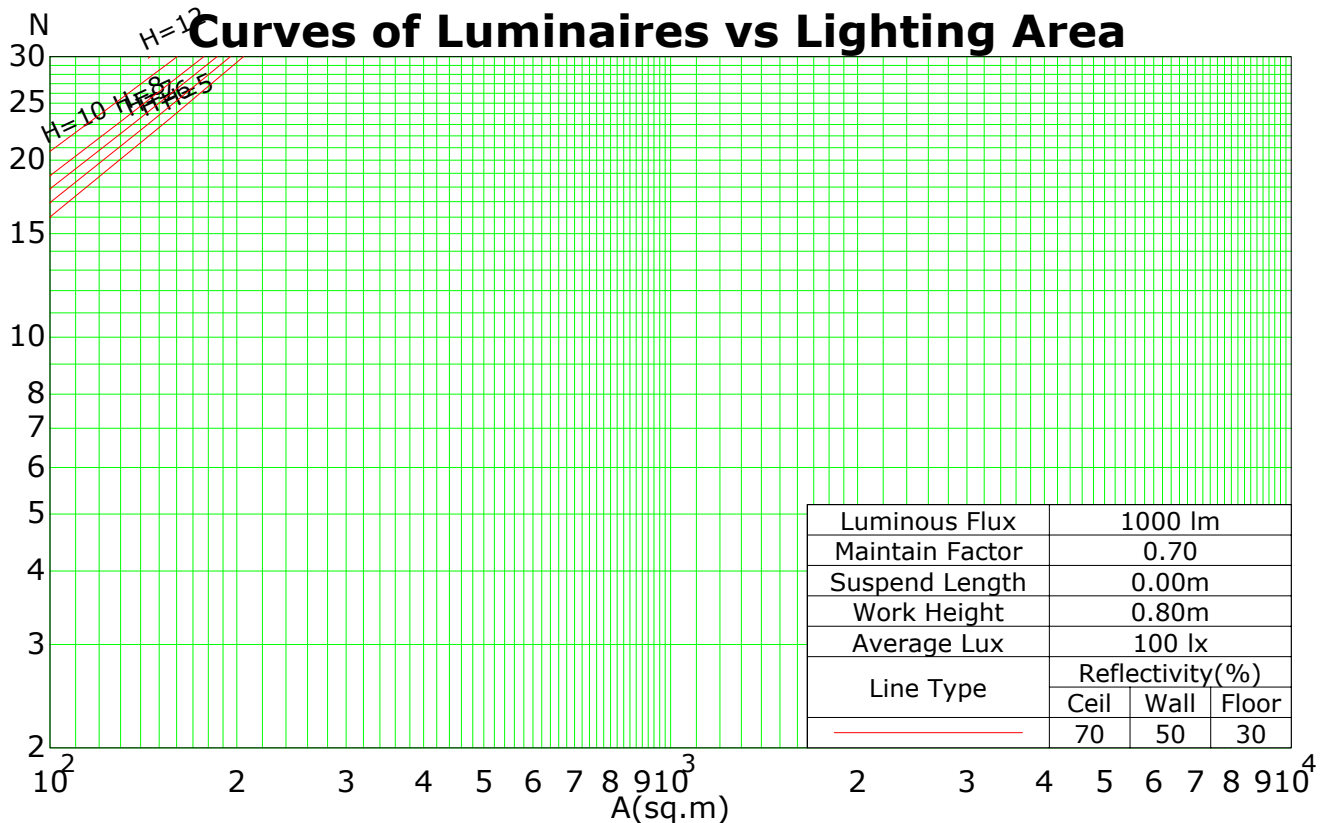
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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	111	111	111	106	106	106	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	98	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	93	90	102	96	92	89	94	90	87	91	88	86	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	78
5	95	87	82	78	93	86	81	78	84	80	77	83	79	76	81	78	75	74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70
7	87	78	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67
8	83	75	69	66	82	74	69	65	73	68	65	72	68	65	71	67	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	62	60
10	77	68	63	59	76	68	63	59	67	62	59	66	62	59	65	62	59	58

Spacing Criteria (0-180): 0.63
Spacing Criteria (90-270): 0.63
Spacing Criteria (Diagonal): 0.64



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

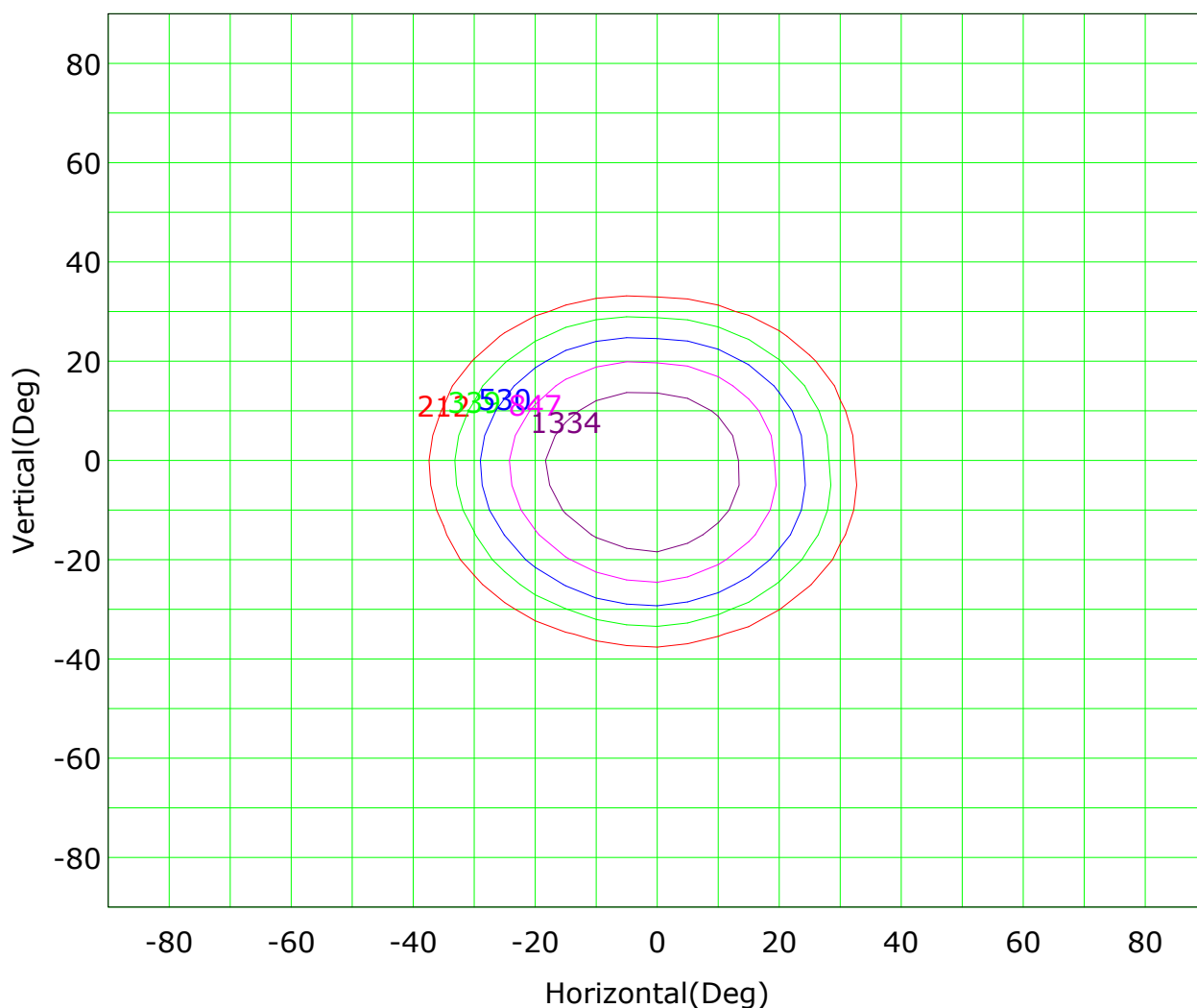
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (rectangle)



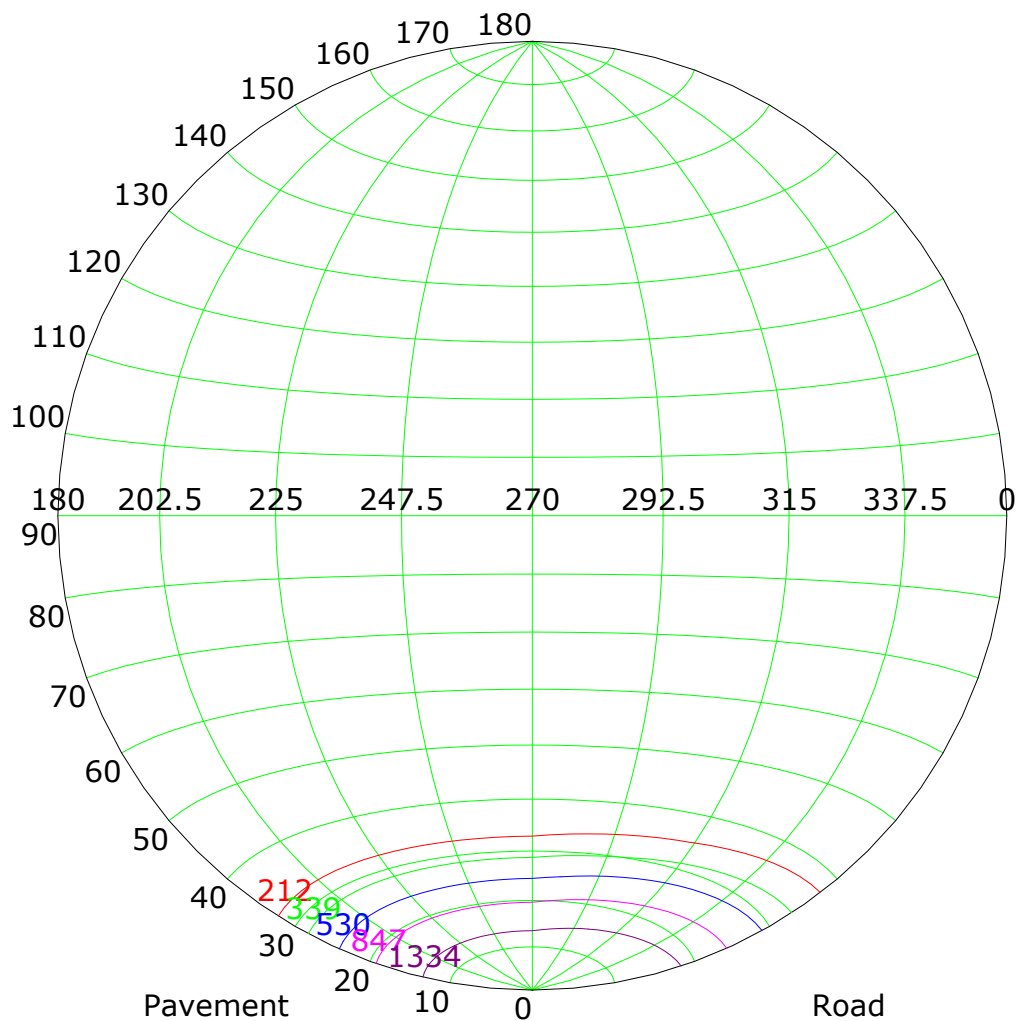
Imax (100%): 2118 cd

(10%): 212 cd	(16%): 339 cd
(25%): 530 cd	(40%): 847 cd
(63%): 1334 cd	(100%): 2118 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Isocandela (sphere)



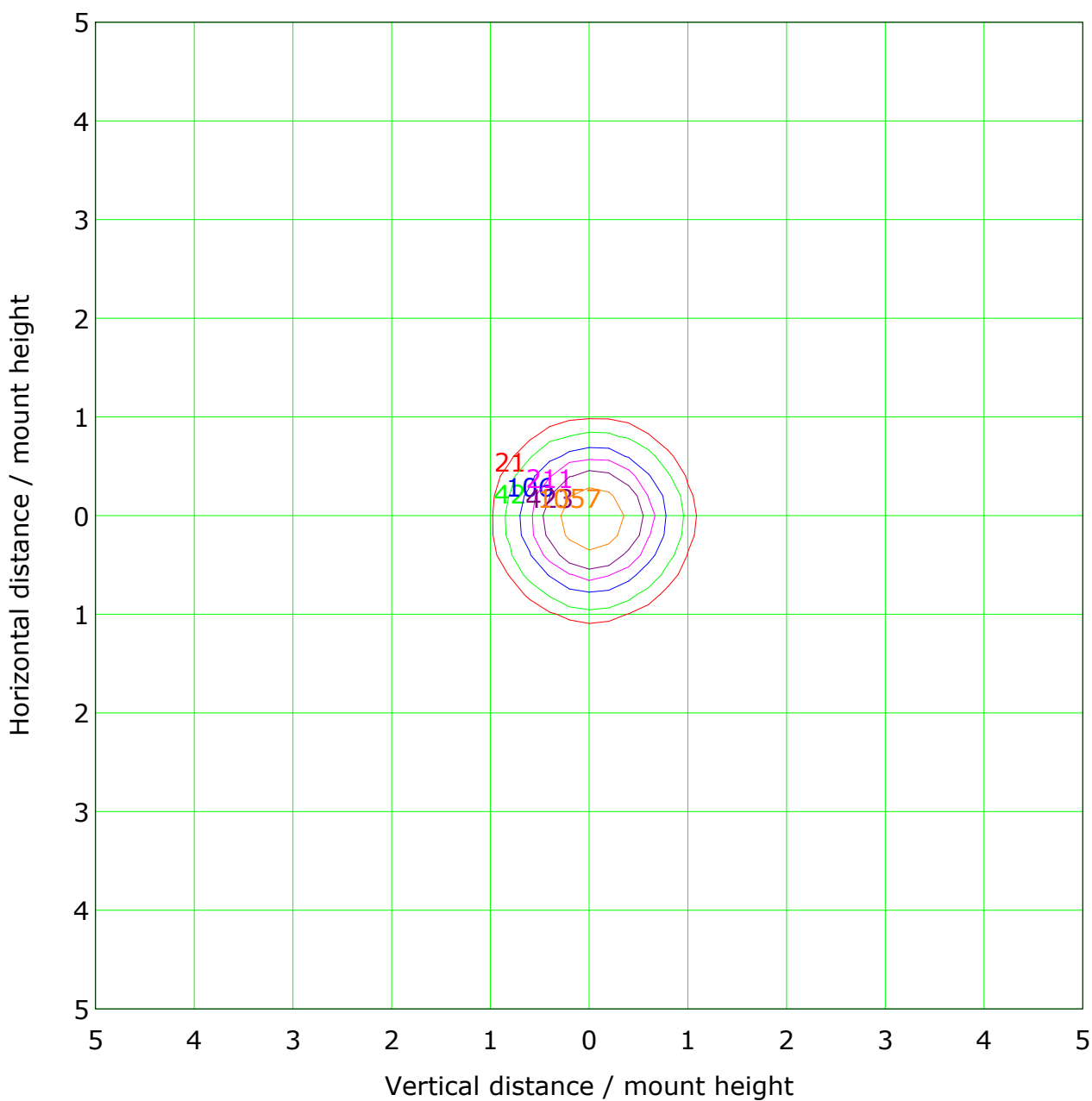
Imax (100%): 2118 cd

(10%): 212 cd	(16%): 339 cd
(25%): 530 cd	(40%): 847 cd
(63%): 1334 cd	(100%): 2118 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 1.0m Max Lux(100%): 2114.1 lx

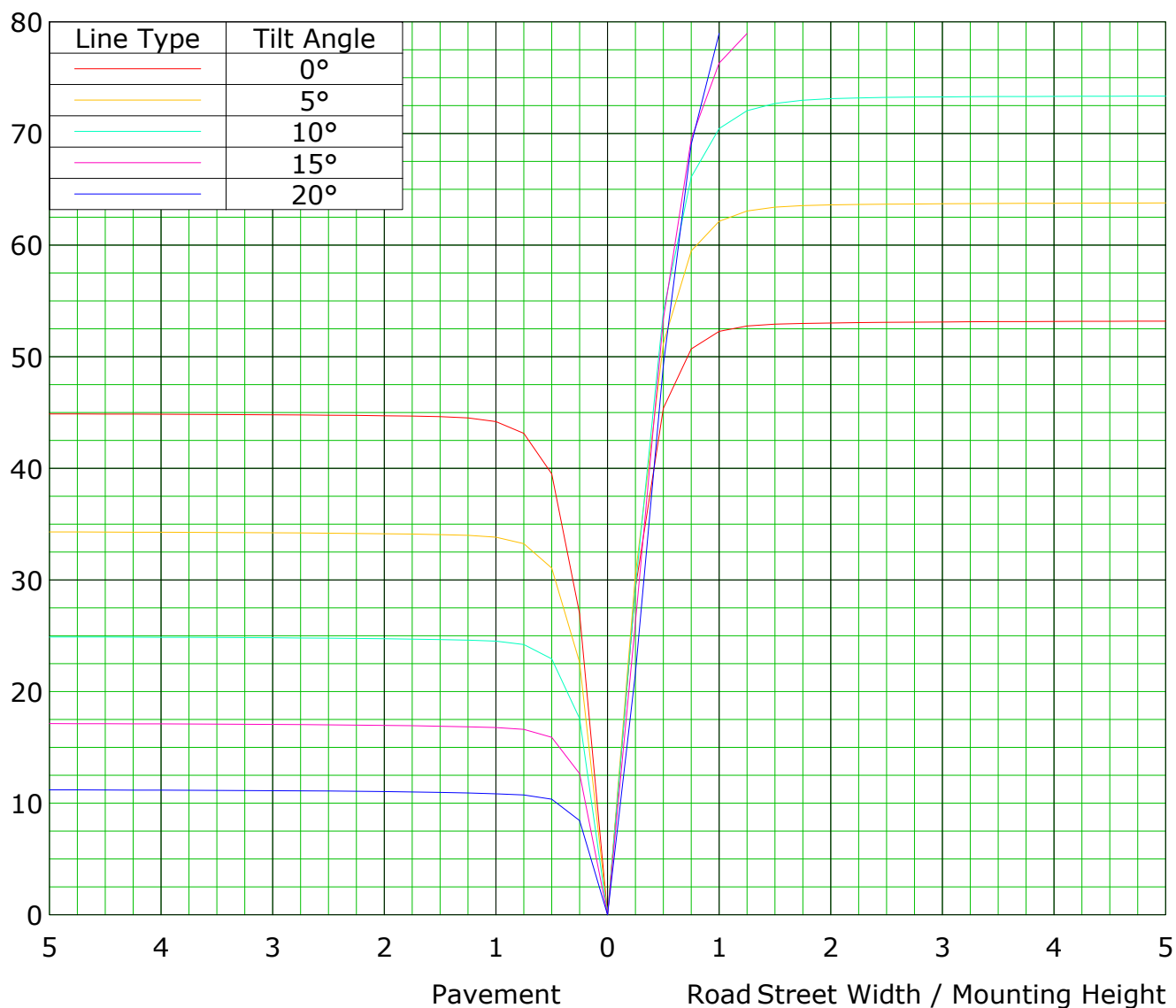
(1%): 21.1 lx	(2%): 42.3 lx
(5%): 105.7 lx	(10%): 211.4 lx
(20%): 422.8 lx	(50%): 1057.1 lx
(100%): 2114.1 lx	

C Plane (°): 0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)

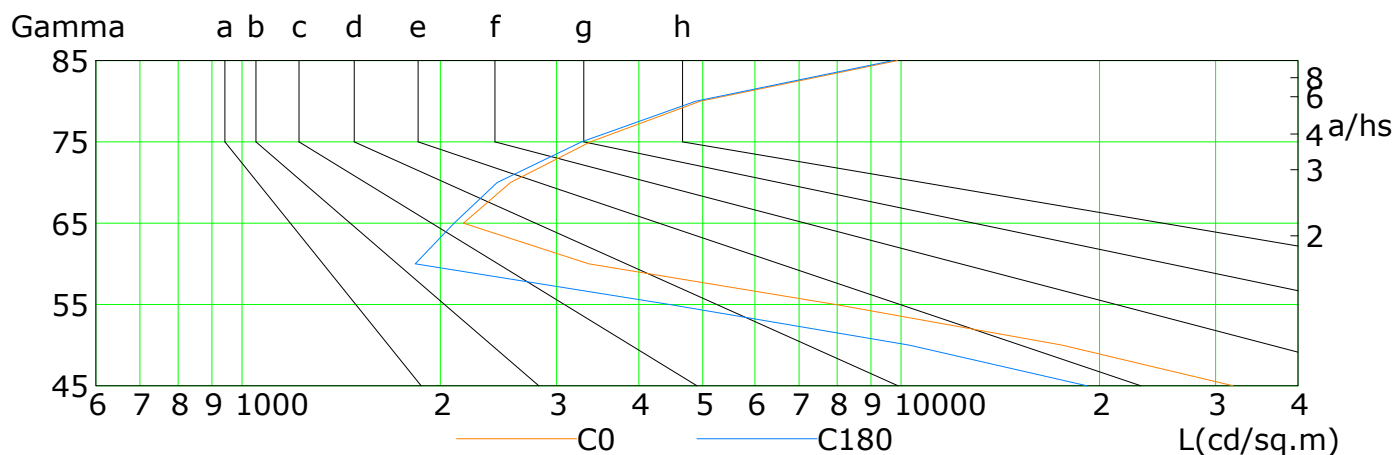
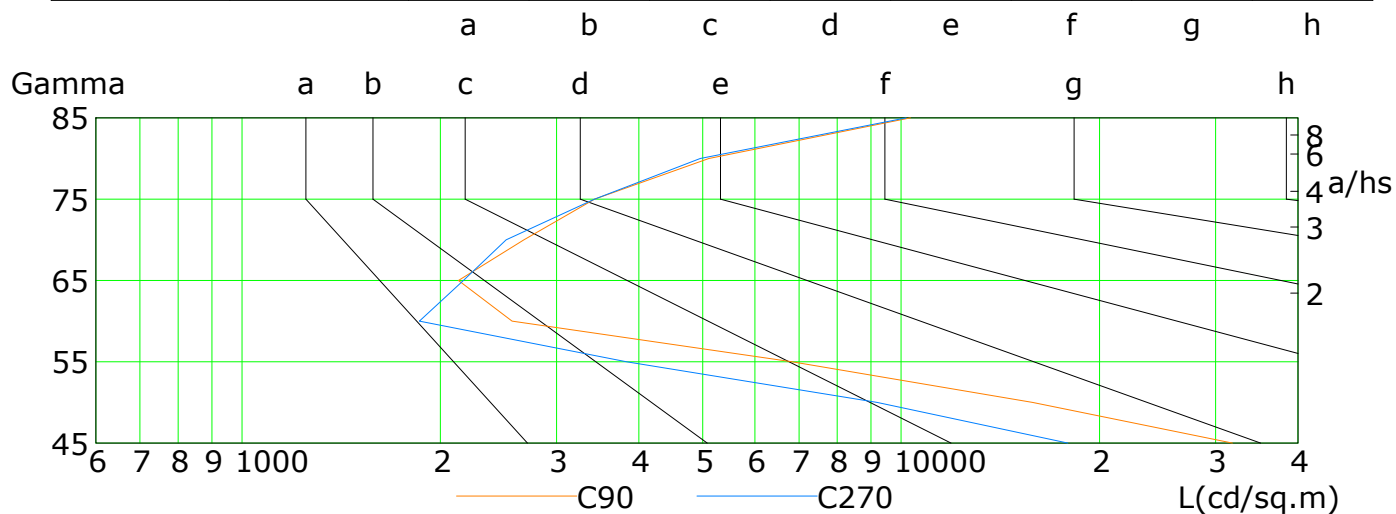


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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	31883	17547	7951	3358	2167	2554	3376	4956	9873
C90	31809	15827	6832	2568	2130	2678	3426	5107	10326
C180	19137	10284	4450	1832	2098	2439	3274	4880	9722
C270	17901	9199	3831	1858	2167	2516	3426	4956	10175

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

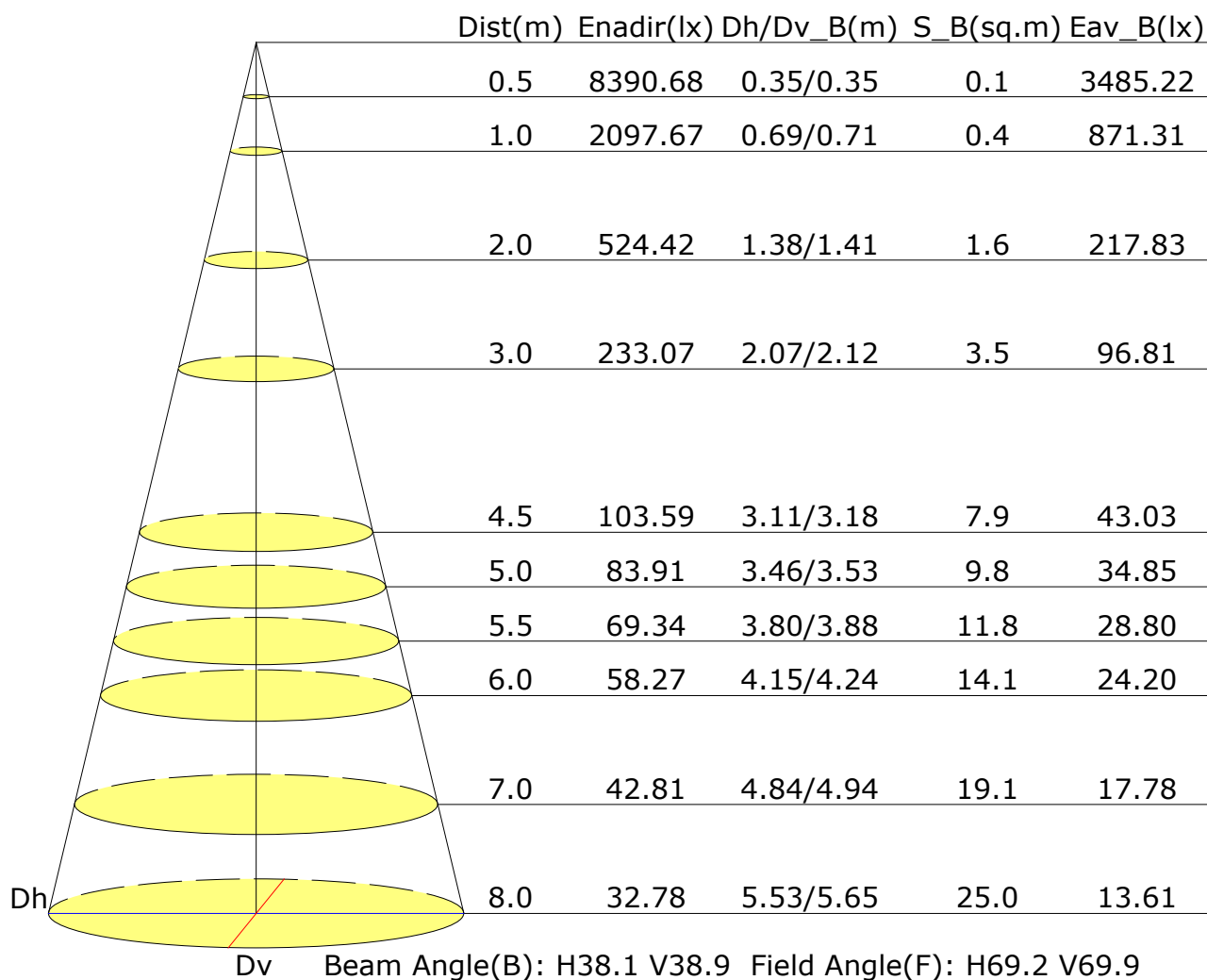
Test Device: GPM-1600L

Distance: 8.443 m

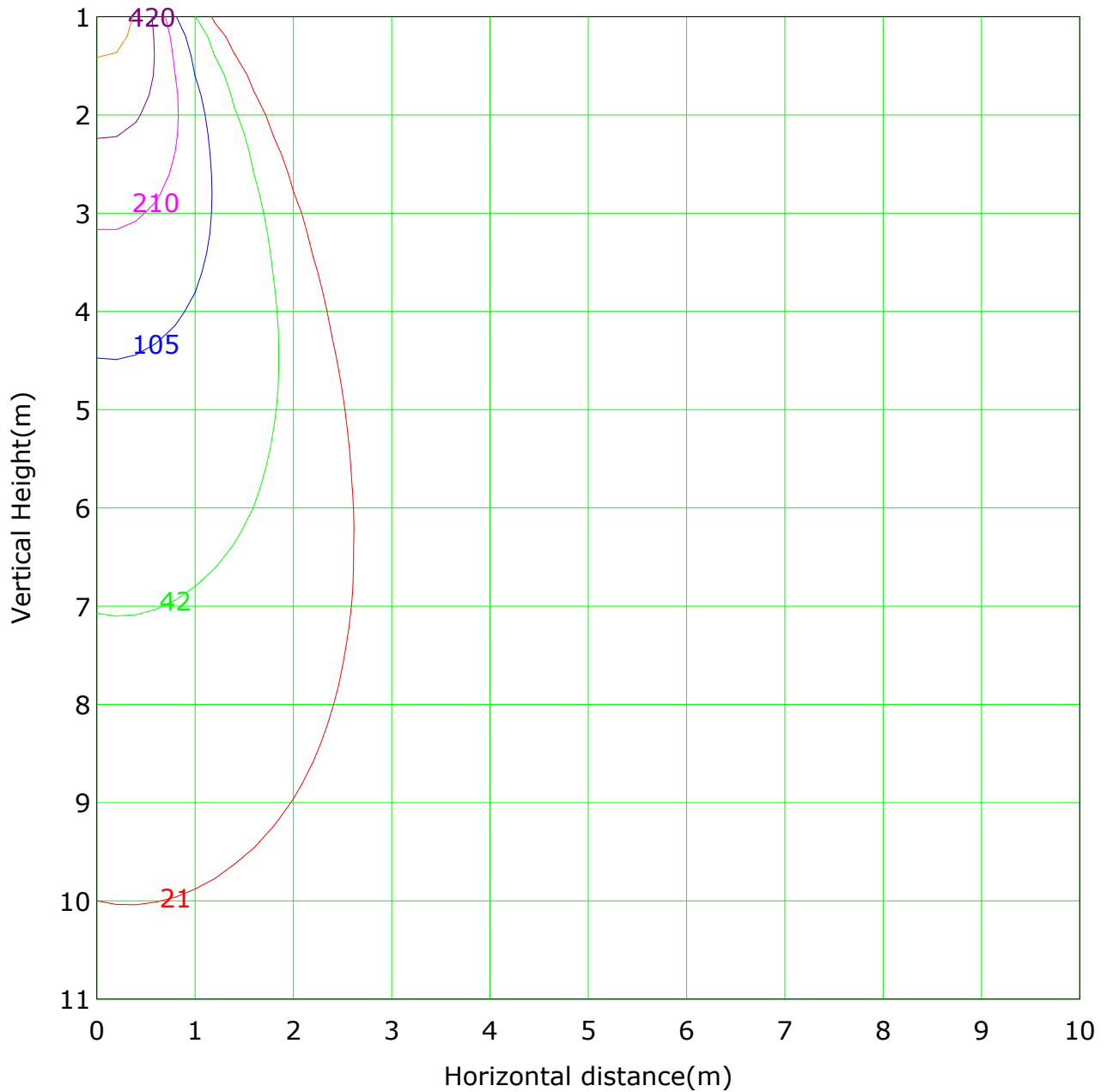
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



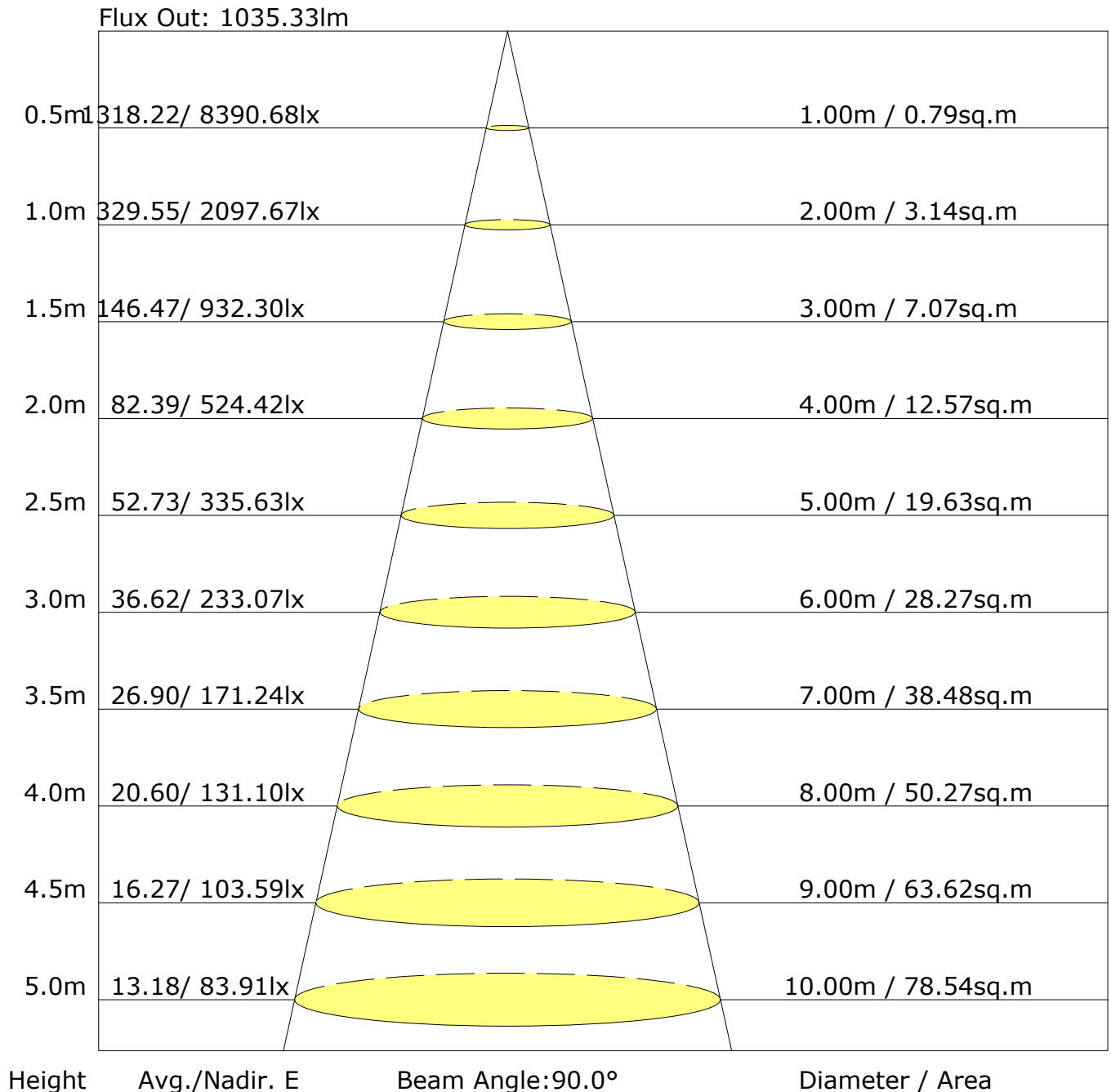
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2097.7 lx
— (1%): 21.0 lx — (2%): 42.0 lx
— (5%): 104.9 lx — (10%): 209.8 lx
— (20%): 419.5 lx — (50%): 1048.8 lx
— (100%): 2097.7 lx

C Plane (°): 0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

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	18.6	19.4	18.9	19.6	19.8	17.9	18.7	18.1	18.9	19.1
3H	18.5	19.2	18.8	19.5	19.7	17.8	18.5	18.1	18.7	19.0
4H	18.5	19.2	18.8	19.4	19.7	17.7	18.4	18.1	18.7	19.0
6H	18.5	19.1	18.8	19.4	19.7	17.8	18.4	18.1	18.7	19.0
8H	18.5	19.1	18.9	19.4	19.7	17.8	18.4	18.2	18.7	19.0
12H	18.6	19.2	18.9	19.5	19.8	17.9	18.5	18.3	18.8	19.1
X=4H Y=2H	18.4	19.1	18.7	19.4	19.6	17.7	18.4	18.0	18.6	18.9
3H	18.3	18.9	18.7	19.2	19.5	17.6	18.2	18.0	18.5	18.8
4H	18.3	18.8	18.7	19.2	19.5	17.6	18.1	18.0	18.5	18.8
6H	18.4	18.8	18.8	19.2	19.6	17.7	18.1	18.1	18.5	18.9
8H	18.4	18.9	18.9	19.3	19.7	17.8	18.2	18.2	18.6	19.0
12H	18.6	19.0	19.0	19.4	19.8	18.0	18.4	18.5	18.8	19.2
X=8H Y=4H	18.2	18.7	18.7	19.0	19.5	17.5	17.9	18.0	18.3	18.8
6H	18.3	18.7	18.8	19.1	19.6	17.7	18.0	18.2	18.5	18.9
8H	18.5	18.8	19.0	19.2	19.7	17.9	18.2	18.4	18.6	19.1
12H	18.8	19.0	19.3	19.5	20.0	18.3	18.5	18.8	19.0	19.5
X=12H Y=4H	18.2	18.6	18.7	19.0	19.4	17.5	17.9	18.0	18.3	18.7
6H	18.4	18.6	18.8	19.1	19.6	17.7	18.0	18.2	18.5	18.9
8H	18.5	18.8	19.0	19.3	19.8	18.0	18.2	18.5	18.7	19.2
Variations with the observer position at spacings:										
S=1.0H	+3.8/-5.9					+3.0/-5.0				
S=1.5H	+6.3/-7.9					+5.6/-5.9				
S=2.0H	+8.3/-8.6					+7.6/-6.3				

Calculate in accordance with CIE Pub.117. The table is revised with 1082lm ($8\log(F/F_0) = 0.3$).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

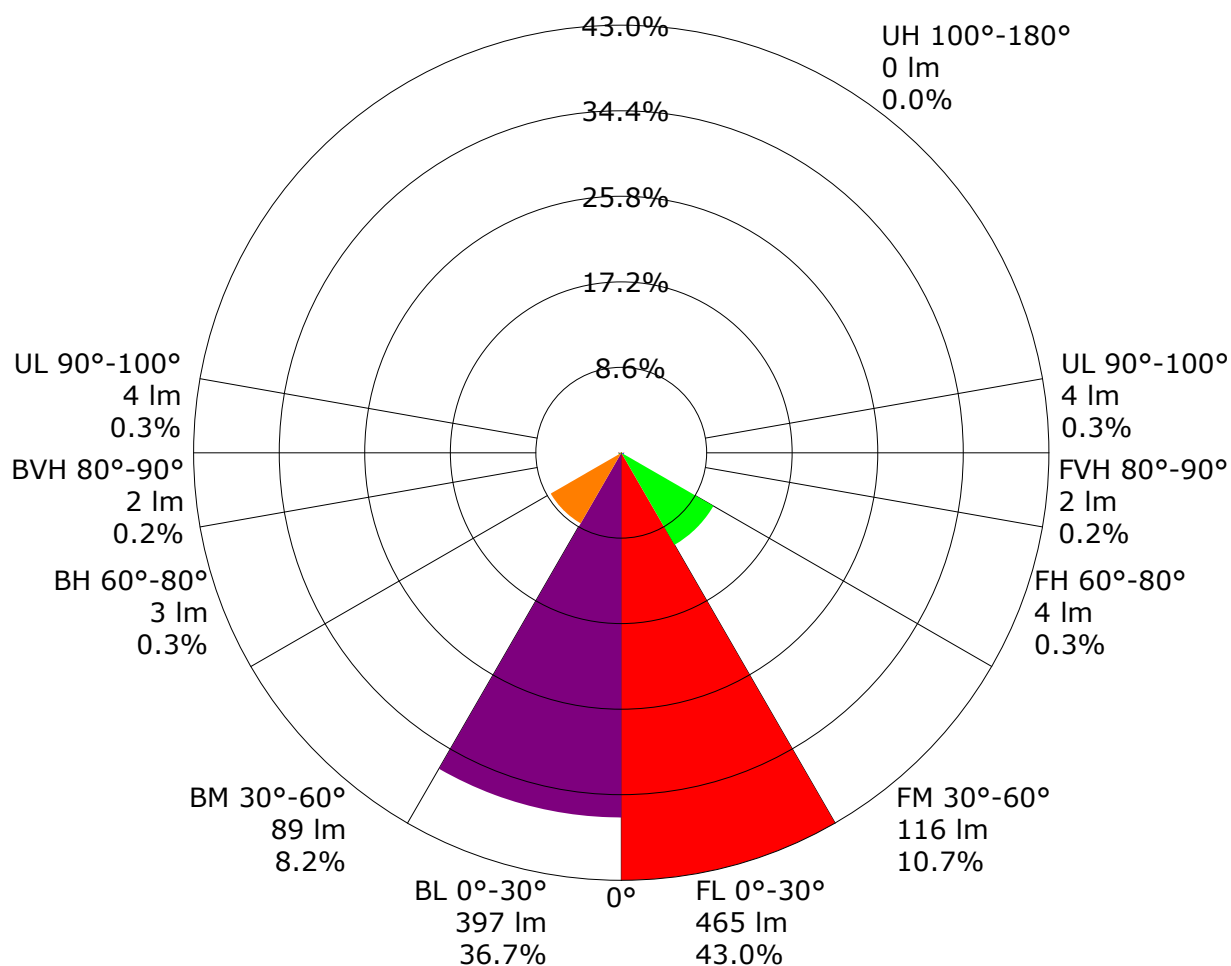
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	587	54.2
	FL (0°-30°)	465	43.0
	FM (30°-60°)	116	10.7
	FH (60°-80°)	4	0.3
	FVH (80°-90°)	2	0.2
	BACK LIGHT	491	45.4
	BL (0°-30°)	397	36.7
	BM (30°-60°)	89	8.2
	BH (60°-80°)	3	0.3
	BVH (80°-90°)	2	0.2
	UP LIGHT	4	0.3
	UL (90°-100°)	4	0.3
	UH (100°-180°)	0	0.0
	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: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
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	0.88	0.94	0.98	1.01	1.04	1.07	1.08	1.10	1.12	
	0.30		0.84	0.90	0.94	0.97	1.01	1.04	1.06	1.08	1.10	
	0.20		0.81	0.87	0.91	0.94	0.98	1.01	1.03	1.06	1.08	
0.50	0.50	0.20	0.87	0.92	0.96	0.98	1.01	1.03	1.05	1.07	1.08	
	0.30		0.83	0.89	0.93	0.95	0.99	1.01	1.03	1.05	1.06	
	0.20		0.80	0.86	0.90	0.93	0.97	0.99	1.01	1.03	1.05	
0.30	0.50	0.20	0.86	0.91	0.94	0.96	0.99	1.00	1.02	1.03	1.04	
	0.30		0.83	0.88	0.91	0.94	0.97	0.99	1.00	1.02	1.03	
	0.20		0.80	0.85	0.89	0.91	0.95	0.97	0.99	1.00	1.02	
0.00	0.00	0.00	0.78	0.84	0.87	0.89	0.92	0.93	0.95	0.96	0.97	
Rating:18W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
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	0.54	0.43	0.37	0.32	0.25	0.21	0.18	0.14	0.11	
	0.30		0.45	0.37	0.32	0.28	0.23	0.19	0.16	0.13	0.11	
	0.20		0.39	0.32	0.28	0.25	0.21	0.18	0.15	0.12	0.10	
0.50	0.50	0.20	0.51	0.41	0.34	0.29	0.23	0.23	0.16	0.12	0.10	
	0.30		0.43	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.38	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.30	0.50	0.20	0.49	0.38	0.32	0.27	0.21	0.17	0.15	0.11	0.09	
	0.30		0.42	0.34	0.29	0.25	0.20	0.16	0.14	0.11	0.09	
	0.20		0.37	0.30	0.26	0.23	0.18	0.15	0.13	0.10	0.09	
0.00	0.00	0.00	0.23	0.17	0.14	0.12	0.09	0.08	0.06	0.05	0.04	
Rating:18W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75									
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	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.12	0.13	0.15	0.15	0.17	0.18	0.18	0.19	0.19	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rating:18W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2095.2	2.0	2.0	0.19	0.19
1.0-2.0	2087.6	6.0	8.0	0.55	0.74
2.0-3.0	2071.8	9.9	17.9	0.92	1.66
3.0-4.0	2049.0	13.7	31.6	1.27	2.92
4.0-5.0	2020.2	17.4	49.0	1.61	4.53
5.0-6.0	1984.3	20.9	69.9	1.93	6.46
6.0-7.0	1942.8	24.1	94.0	2.23	8.69
7.0-8.0	1895.2	27.1	121.1	2.51	11.19
8.0-9.0	1842.8	29.9	151.0	2.76	13.96
9.0-10.0	1788.5	32.4	183.3	2.99	16.95
10.0-11.0	1727.1	34.5	217.9	3.19	20.14
11.0-12.0	1661.0	36.3	254.2	3.36	23.49
12.0-13.0	1593.5	37.8	292.0	3.50	26.99
13.0-14.0	1519.5	38.9	330.9	3.60	30.59
14.0-15.0	1442.6	39.6	370.5	3.66	34.25
15.0-16.0	1363.3	40.0	410.5	3.69	37.94
16.0-17.0	1282.2	39.9	450.4	3.69	41.63
17.0-18.0	1203.4	39.7	490.1	3.67	45.30
18.0-19.0	1121.4	39.0	529.1	3.61	48.91
19.0-20.0	1040.8	38.1	567.2	3.52	52.43
20.0-21.0	964.4	37.0	604.2	3.42	55.85
21.0-22.0	886.3	35.6	639.9	3.29	59.14
22.0-23.0	811.7	34.1	673.9	3.15	62.29
23.0-24.0	741.3	32.4	706.3	3.00	65.29
24.0-25.0	673.0	30.6	736.9	2.83	68.12
25.0-26.0	610.6	28.8	765.8	2.66	70.78
26.0-27.0	550.5	26.9	792.7	2.49	73.27
27.0-28.0	494.2	25.0	817.7	2.31	75.58
28.0-29.0	444.5	23.3	841.0	2.15	77.73
29.0-30.0	398.1	21.5	862.5	1.99	79.72
30.0-31.0	355.6	19.8	882.3	1.83	81.55
31.0-32.0	317.6	18.2	900.5	1.68	83.23
32.0-33.0	283.5	16.7	917.2	1.54	84.78
33.0-34.0	254.3	15.4	932.6	1.42	86.20
34.0-35.0	226.9	14.1	946.7	1.30	87.50
35.0-36.0	202.4	12.9	959.6	1.19	88.69

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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 [%]
36.0-37.0	181.7	11.9	971.4	1.10	89.79
37.0-38.0	162.4	10.8	982.3	1.00	90.79
38.0-39.0	144.8	9.9	992.1	0.91	91.71
39.0-40.0	129.1	9.0	1001.1	0.83	92.54
40.0-41.0	115.0	8.2	1009.3	0.76	93.29
41.0-42.0	103.1	7.5	1016.8	0.69	93.99
42.0-43.0	91.8	6.8	1023.6	0.63	94.62
43.0-44.0	81.4	6.1	1029.8	0.57	95.18
44.0-45.0	72.2	5.5	1035.3	0.51	95.70
45.0-46.0	63.5	5.0	1040.3	0.46	96.16
46.0-47.0	55.6	4.4	1044.7	0.41	96.56
47.0-48.0	47.9	3.9	1048.6	0.36	96.92
48.0-49.0	40.9	3.4	1052.0	0.31	97.23
49.0-50.0	35.1	2.9	1054.9	0.27	97.50
50.0-51.0	29.6	2.5	1057.4	0.23	97.73
51.0-52.0	24.7	2.1	1059.5	0.20	97.93
52.0-53.0	20.4	1.8	1061.3	0.16	98.09
53.0-54.0	16.7	1.5	1062.7	0.14	98.23
54.0-55.0	13.9	1.2	1064.0	0.11	98.35
55.0-56.0	11.3	1.0	1065.0	0.09	98.44
56.0-57.0	9.2	0.8	1065.8	0.08	98.52
57.0-58.0	7.5	0.7	1066.5	0.06	98.58
58.0-59.0	6.1	0.6	1067.1	0.05	98.63
59.0-60.0	5.0	0.5	1067.6	0.04	98.68
60.0-61.0	4.3	0.4	1068.0	0.04	98.72
61.0-62.0	3.8	0.4	1068.3	0.03	98.75
62.0-63.0	3.5	0.3	1068.7	0.03	98.78
63.0-64.0	3.4	0.3	1069.0	0.03	98.81
64.0-65.0	3.4	0.3	1069.4	0.03	98.84
65.0-66.0	3.4	0.3	1069.7	0.03	98.87
66.0-67.0	3.4	0.3	1070.0	0.03	98.91
67.0-68.0	3.4	0.3	1070.4	0.03	98.94
68.0-69.0	3.4	0.3	1070.7	0.03	98.97
69.0-70.0	3.3	0.3	1071.1	0.03	99.00
70.0-71.0	3.3	0.3	1071.4	0.03	99.03
71.0-72.0	3.3	0.3	1071.8	0.03	99.07

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 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 [%]
72.0-73.0	3.3	0.3	1072.1	0.03	99.10
73.0-74.0	3.3	0.3	1072.5	0.03	99.13
74.0-75.0	3.3	0.4	1072.8	0.03	99.16
75.0-76.0	3.3	0.4	1073.2	0.03	99.19
76.0-77.0	3.3	0.4	1073.5	0.03	99.23
77.0-78.0	3.3	0.4	1073.9	0.03	99.26
78.0-79.0	3.3	0.4	1074.2	0.03	99.29
79.0-80.0	3.3	0.4	1074.6	0.03	99.33
80.0-81.0	3.3	0.4	1074.9	0.03	99.36
81.0-82.0	3.3	0.4	1075.3	0.03	99.39
82.0-83.0	3.3	0.4	1075.7	0.03	99.42
83.0-84.0	3.3	0.4	1076.0	0.03	99.46
84.0-85.0	3.3	0.4	1076.4	0.03	99.49
85.0-86.0	3.3	0.4	1076.7	0.03	99.53
86.0-87.0	3.3	0.4	1077.1	0.03	99.56
87.0-88.0	3.2	0.4	1077.5	0.03	99.59
88.0-89.0	3.3	0.4	1077.8	0.03	99.62
89.0-90.0	3.3	0.4	1078.2	0.03	99.66
90.0-91.0	3.3	0.4	1078.5	0.03	99.69
91.0-92.0	3.3	0.4	1078.9	0.03	99.72
92.0-93.0	3.2	0.4	1079.2	0.03	99.76
93.0-94.0	3.2	0.4	1079.6	0.03	99.79
94.0-95.0	3.2	0.4	1079.9	0.03	99.82
95.0-96.0	3.2	0.4	1080.3	0.03	99.85
96.0-97.0	3.2	0.4	1080.7	0.03	99.89
97.0-98.0	3.2	0.4	1081.0	0.03	99.92
98.0-99.0	3.2	0.4	1081.4	0.03	99.95
99.0-100.0	3.2	0.4	1081.7	0.03	99.98
100.0-101.0	1.6	0.2	1081.9	0.02	100.00
101.0-102.0	0.0	0.0	1081.9	0.00	100.00
102.0-103.0	0.0	0.0	1081.9	0.00	100.00
103.0-104.0	0.0	0.0	1081.9	0.00	100.00
104.0-105.0	0.0	0.0	1081.9	0.00	100.00
105.0-106.0	0.0	0.0	1081.9	0.00	100.00
106.0-107.0	0.0	0.0	1081.9	0.00	100.00
107.0-108.0	0.0	0.0	1081.9	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 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 [%]
108.0-109.0	0.0	0.0	1081.9	0.00	100.00
109.0-110.0	0.0	0.0	1081.9	0.00	100.00
110.0-111.0	0.0	0.0	1081.9	0.00	100.00
111.0-112.0	0.0	0.0	1081.9	0.00	100.00
112.0-113.0	0.0	0.0	1081.9	0.00	100.00
113.0-114.0	0.0	0.0	1081.9	0.00	100.00
114.0-115.0	0.0	0.0	1081.9	0.00	100.00
115.0-116.0	0.0	0.0	1081.9	0.00	100.00
116.0-117.0	0.0	0.0	1081.9	0.00	100.00
117.0-118.0	0.0	0.0	1081.9	0.00	100.00
118.0-119.0	0.0	0.0	1081.9	0.00	100.00
119.0-120.0	0.0	0.0	1081.9	0.00	100.00
120.0-121.0	0.0	0.0	1081.9	0.00	100.00
121.0-122.0	0.0	0.0	1081.9	0.00	100.00
122.0-123.0	0.0	0.0	1081.9	0.00	100.00
123.0-124.0	0.0	0.0	1081.9	0.00	100.00
124.0-125.0	0.0	0.0	1081.9	0.00	100.00
125.0-126.0	0.0	0.0	1081.9	0.00	100.00
126.0-127.0	0.0	0.0	1081.9	0.00	100.00
127.0-128.0	0.0	0.0	1081.9	0.00	100.00
128.0-129.0	0.0	0.0	1081.9	0.00	100.00
129.0-130.0	0.0	0.0	1081.9	0.00	100.00
130.0-131.0	0.0	0.0	1081.9	0.00	100.00
131.0-132.0	0.0	0.0	1081.9	0.00	100.00
132.0-133.0	0.0	0.0	1081.9	0.00	100.00
133.0-134.0	0.0	0.0	1081.9	0.00	100.00
134.0-135.0	0.0	0.0	1081.9	0.00	100.00
135.0-136.0	0.0	0.0	1081.9	0.00	100.00
136.0-137.0	0.0	0.0	1081.9	0.00	100.00
137.0-138.0	0.0	0.0	1081.9	0.00	100.00
138.0-139.0	0.0	0.0	1081.9	0.00	100.00
139.0-140.0	0.0	0.0	1081.9	0.00	100.00
140.0-141.0	0.0	0.0	1081.9	0.00	100.00
141.0-142.0	0.0	0.0	1081.9	0.00	100.00
142.0-143.0	0.0	0.0	1081.9	0.00	100.00
143.0-144.0	0.0	0.0	1081.9	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 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 [%]
144.0-145.0	0.0	0.0	1081.9	0.00	100.00
145.0-146.0	0.0	0.0	1081.9	0.00	100.00
146.0-147.0	0.0	0.0	1081.9	0.00	100.00
147.0-148.0	0.0	0.0	1081.9	0.00	100.00
148.0-149.0	0.0	0.0	1081.9	0.00	100.00
149.0-150.0	0.0	0.0	1081.9	0.00	100.00
150.0-151.0	0.0	0.0	1081.9	0.00	100.00
151.0-152.0	0.0	0.0	1081.9	0.00	100.00
152.0-153.0	0.0	0.0	1081.9	0.00	100.00
153.0-154.0	0.0	0.0	1081.9	0.00	100.00
154.0-155.0	0.0	0.0	1081.9	0.00	100.00
155.0-156.0	0.0	0.0	1081.9	0.00	100.00
156.0-157.0	0.0	0.0	1081.9	0.00	100.00
157.0-158.0	0.0	0.0	1081.9	0.00	100.00
158.0-159.0	0.0	0.0	1081.9	0.00	100.00
159.0-160.0	0.0	0.0	1081.9	0.00	100.00
160.0-161.0	0.0	0.0	1081.9	0.00	100.00
161.0-162.0	0.0	0.0	1081.9	0.00	100.00
162.0-163.0	0.0	0.0	1081.9	0.00	100.00
163.0-164.0	0.0	0.0	1081.9	0.00	100.00
164.0-165.0	0.0	0.0	1081.9	0.00	100.00
165.0-166.0	0.0	0.0	1081.9	0.00	100.00
166.0-167.0	0.0	0.0	1081.9	0.00	100.00
167.0-168.0	0.0	0.0	1081.9	0.00	100.00
168.0-169.0	0.0	0.0	1081.9	0.00	100.00
169.0-170.0	0.0	0.0	1081.9	0.00	100.00
170.0-171.0	0.0	0.0	1081.9	0.00	100.00
171.0-172.0	0.0	0.0	1081.9	0.00	100.00
172.0-173.0	0.0	0.0	1081.9	0.00	100.00
173.0-174.0	0.0	0.0	1081.9	0.00	100.00
174.0-175.0	0.0	0.0	1081.9	0.00	100.00
175.0-176.0	0.0	0.0	1081.9	0.00	100.00
176.0-177.0	0.0	0.0	1081.9	0.00	100.00
177.0-178.0	0.0	0.0	1081.9	0.00	100.00
178.0-179.0	0.0	0.0	1081.9	0.00	100.00
179.0-180.0	0.0	0.0	1081.9	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	2097.7	2096.2	2097.7	2096.2	2097.7					
G1.0	2112.8	2107.0	2075.7	2078.1	2112.8					
G2.0	2118.0	2109.1	2047.8	2052.3	2118.0					
G3.0	2115.1	2103.2	2010.9	2018.3	2115.1					
G4.0	2104.7	2091.0	1969.7	1978.9	2104.7					
G5.0	2088.2	2072.9	1922.9	1933.6	2088.2					
G6.0	2062.4	2046.1	1868.9	1879.8	2062.4					
G7.0	2033.9	2015.8	1812.4	1823.4	2033.9					
G8.0	1995.9	1978.8	1745.5	1755.7	1995.9					
G9.0	1957.4	1938.4	1679.2	1691.9	1957.4					
G10.0	1912.3	1895.6	1611.9	1621.4	1912.3					
G11.0	1859.8	1842.1	1530.3	1543.6	1859.8					
G12.0	1803.9	1790.8	1451.5	1466.1	1803.9					
G13.0	1743.0	1733.0	1373.6	1386.2	1743.0					
G14.0	1673.6	1667.5	1281.7	1297.0	1673.6					
G15.0	1605.7	1600.3	1196.6	1218.3	1605.7					
G16.0	1523.0	1525.5	1107.9	1128.8	1523.0					
G17.0	1446.5	1450.6	1024.1	1051.4	1446.5					
G18.0	1363.6	1376.6	942.3	971.9	1363.6					
G19.0	1275.5	1293.3	859.8	888.3	1275.5					
G20.0	1194.8	1212.6	784.3	817.9	1194.8					
G21.0	1110.1	1131.8	716.2	747.7	1110.1					
G22.0	1018.9	1048.0	642.8	675.3	1018.9					
G23.0	941.0	973.0	579.6	615.4	941.0					
G24.0	858.4	892.6	519.4	551.5	858.4					
G25.0	782.3	813.5	466.9	499.8	782.3					
G26.0	710.1	744.5	418.6	448.9	710.1					
G27.0	639.2	671.9	372.6	398.4	639.2					
G28.0	576.5	602.9	333.2	358.6	576.5					
G29.0	519.1	545.3	299.4	321.1	519.1					
G30.0	464.3	484.7	265.5	285.0	464.3					
G31.0	417.1	436.3	238.2	253.8	417.1					
G32.0	372.5	385.9	212.8	224.5	372.5					
G33.0	334.4	346.1	191.8	200.3	334.4					
G34.0	301.3	308.8	172.2	179.8	301.3					
G35.0	266.6	274.2	153.1	159.6	266.6					
G36.0	239.3	246.3	137.7	142.9	239.3					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	214.7	220.2	124.3	128.4	214.7					
G38.0	190.3	196.0	110.9	114.0	190.3					
G39.0	171.5	175.0	98.9	101.9	171.5					
G40.0	151.9	155.4	87.7	90.3	151.9					
G41.0	136.4	138.3	79.3	80.9	136.4					
G42.0	121.3	124.1	72.0	72.2	121.3					
G43.0	106.9	109.8	64.9	63.0	106.9					
G44.0	95.9	97.2	58.1	55.7	95.9					
G45.0	85.7	85.5	51.4	48.1	85.7					
G46.0	75.9	73.8	45.3	42.1	75.9					
G47.0	66.9	64.3	39.7	36.5	66.9					
G48.0	57.7	54.2	33.6	30.7	57.7					
G49.0	50.0	46.3	29.0	26.1	50.0					
G50.0	42.9	38.7	25.1	22.5	42.9					
G51.0	35.2	31.9	21.2	19.0	35.2					
G52.0	29.5	26.5	18.0	16.2	29.5					
G53.0	24.2	21.3	14.5	13.1	24.2					
G54.0	20.5	17.8	11.8	10.5	20.5					
G55.0	17.3	14.9	9.7	8.4	17.3					
G56.0	14.1	11.8	7.7	6.8	14.1					
G57.0	11.7	9.6	6.3	5.6	11.7					
G58.0	9.5	7.6	5.3	4.4	9.5					
G59.0	7.7	6.2	4.2	3.6	7.7					
G60.0	6.4	4.9	3.5	3.5	6.4					
G61.0	5.1	3.8	3.4	3.5	5.1					
G62.0	3.9	3.5	3.4	3.5	3.9					
G63.0	3.6	3.5	3.4	3.4	3.6					
G64.0	3.5	3.4	3.4	3.4	3.5					
G65.0	3.5	3.4	3.4	3.5	3.5					
G66.0	3.4	3.4	3.3	3.4	3.4					
G67.0	3.4	3.5	3.3	3.4	3.4					
G68.0	3.4	3.4	3.3	3.4	3.4					
G69.0	3.4	3.5	3.2	3.4	3.4					
G70.0	3.3	3.5	3.2	3.3	3.3					
G71.0	3.3	3.4	3.2	3.4	3.3					
G72.0	3.3	3.5	3.2	3.3	3.3					
G73.0	3.3	3.4	3.2	3.3	3.3					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	3.4	3.4	3.1	3.3	3.4					
G75.0	3.3	3.4	3.2	3.4	3.3					
G76.0	3.3	3.4	3.2	3.3	3.3					
G77.0	3.3	3.5	3.2	3.3	3.3					
G78.0	3.3	3.4	3.2	3.3	3.3					
G79.0	3.3	3.4	3.2	3.3	3.3					
G80.0	3.3	3.4	3.2	3.3	3.3					
G81.0	3.2	3.4	3.3	3.3	3.2					
G82.0	3.3	3.4	3.2	3.4	3.3					
G83.0	3.3	3.4	3.2	3.4	3.3					
G84.0	3.3	3.5	3.2	3.4	3.3					
G85.0	3.3	3.4	3.2	3.4	3.3					
G86.0	3.3	3.4	3.1	3.3	3.3					
G87.0	3.2	3.3	3.1	3.3	3.2					
G88.0	3.2	3.4	3.1	3.3	3.2					
G89.0	3.2	3.4	3.1	3.3	3.2					
G90.0	3.3	3.4	3.2	3.3	3.3					
G91.0	3.3	3.3	3.1	3.4	3.3					
G92.0	3.3	3.3	3.1	3.4	3.3					
G93.0	3.2	3.3	3.1	3.3	3.2					
G94.0	3.2	3.3	3.1	3.3	3.2					
G95.0	3.2	3.4	3.1	3.3	3.2					
G96.0	3.2	3.4	3.1	3.3	3.2					
G97.0	3.2	3.4	3.1	3.3	3.2					
G98.0	3.3	3.3	3.1	3.3	3.3					
G99.0	3.2	3.3	3.1	3.4	3.2					
G100.0	3.2	3.3	3.1	3.4	3.2					
G101.0	0.0	0.0	0.0	0.0	0.0					
G102.0	0.0	0.0	0.0	0.0	0.0					
G103.0	0.0	0.0	0.0	0.0	0.0					
G104.0	0.0	0.0	0.0	0.0	0.0					
G105.0	0.0	0.0	0.0	0.0	0.0					
G106.0	0.0	0.0	0.0	0.0	0.0					
G107.0	0.0	0.0	0.0	0.0	0.0					
G108.0	0.0	0.0	0.0	0.0	0.0					
G109.0	0.0	0.0	0.0	0.0	0.0					
G110.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.0	0.0	0.0	0.0	0.0					
G112.0	0.0	0.0	0.0	0.0	0.0					
G113.0	0.0	0.0	0.0	0.0	0.0					
G114.0	0.0	0.0	0.0	0.0	0.0					
G115.0	0.0	0.0	0.0	0.0	0.0					
G116.0	0.0	0.0	0.0	0.0	0.0					
G117.0	0.0	0.0	0.0	0.0	0.0					
G118.0	0.0	0.0	0.0	0.0	0.0					
G119.0	0.0	0.0	0.0	0.0	0.0					
G120.0	0.0	0.0	0.0	0.0	0.0					
G121.0	0.0	0.0	0.0	0.0	0.0					
G122.0	0.0	0.0	0.0	0.0	0.0					
G123.0	0.0	0.0	0.0	0.0	0.0					
G124.0	0.0	0.0	0.0	0.0	0.0					
G125.0	0.0	0.0	0.0	0.0	0.0					
G126.0	0.0	0.0	0.0	0.0	0.0					
G127.0	0.0	0.0	0.0	0.0	0.0					
G128.0	0.0	0.0	0.0	0.0	0.0					
G129.0	0.0	0.0	0.0	0.0	0.0					
G130.0	0.0	0.0	0.0	0.0	0.0					
G131.0	0.0	0.0	0.0	0.0	0.0					
G132.0	0.0	0.0	0.0	0.0	0.0					
G133.0	0.0	0.0	0.0	0.0	0.0					
G134.0	0.0	0.0	0.0	0.0	0.0					
G135.0	0.0	0.0	0.0	0.0	0.0					
G136.0	0.0	0.0	0.0	0.0	0.0					
G137.0	0.0	0.0	0.0	0.0	0.0					
G138.0	0.0	0.0	0.0	0.0	0.0					
G139.0	0.0	0.0	0.0	0.0	0.0					
G140.0	0.0	0.0	0.0	0.0	0.0					
G141.0	0.0	0.0	0.0	0.0	0.0					
G142.0	0.0	0.0	0.0	0.0	0.0					
G143.0	0.0	0.0	0.0	0.0	0.0					
G144.0	0.0	0.0	0.0	0.0	0.0					
G145.0	0.0	0.0	0.0	0.0	0.0					
G146.0	0.0	0.0	0.0	0.0	0.0					
G147.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	0.0	0.0	0.0	0.0	0.0					
G149.0	0.0	0.0	0.0	0.0	0.0					
G150.0	0.0	0.0	0.0	0.0	0.0					
G151.0	0.0	0.0	0.0	0.0	0.0					
G152.0	0.0	0.0	0.0	0.0	0.0					
G153.0	0.0	0.0	0.0	0.0	0.0					
G154.0	0.0	0.0	0.0	0.0	0.0					
G155.0	0.0	0.0	0.0	0.0	0.0					
G156.0	0.0	0.0	0.0	0.0	0.0					
G157.0	0.0	0.0	0.0	0.0	0.0					
G158.0	0.0	0.0	0.0	0.0	0.0					
G159.0	0.0	0.0	0.0	0.0	0.0					
G160.0	0.0	0.0	0.0	0.0	0.0					
G161.0	0.0	0.0	0.0	0.0	0.0					
G162.0	0.0	0.0	0.0	0.0	0.0					
G163.0	0.0	0.0	0.0	0.0	0.0					
G164.0	0.0	0.0	0.0	0.0	0.0					
G165.0	0.0	0.0	0.0	0.0	0.0					
G166.0	0.0	0.0	0.0	0.0	0.0					
G167.0	0.0	0.0	0.0	0.0	0.0					
G168.0	0.0	0.0	0.0	0.0	0.0					
G169.0	0.0	0.0	0.0	0.0	0.0					
G170.0	0.0	0.0	0.0	0.0	0.0					
G171.0	0.0	0.0	0.0	0.0	0.0					
G172.0	0.0	0.0	0.0	0.0	0.0					
G173.0	0.0	0.0	0.0	0.0	0.0					
G174.0	0.0	0.0	0.0	0.0	0.0					
G175.0	0.0	0.0	0.0	0.0	0.0					
G176.0	0.0	0.0	0.0	0.0	0.0					
G177.0	0.0	0.0	0.0	0.0	0.0					
G178.0	0.0	0.0	0.0	0.0	0.0					
G179.0	0.0	0.0	0.0	0.0	0.0					
G180.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector: