

Report No.:

Test Time: 2025-11-10 11:06

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Description: 80013
Luminous Width (mm): 38
Current: 0.064 A
Power Factor: 0.471

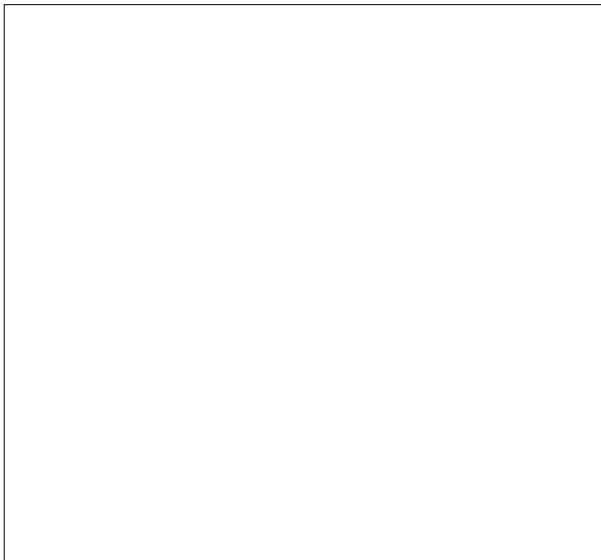
Luminous Length (mm): 38
Voltage: 220.5 V
Power: 6.68 W

Photometric Results

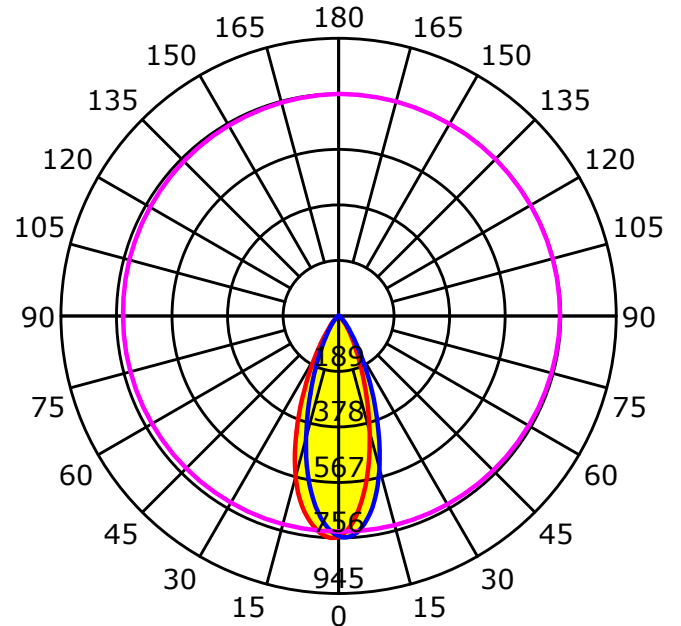
CIE Class: Direct
Measurement Flux: 382.4 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%,100%): H68.5,H37.4,H21.8,H2
Vertical Diffuse Angle(10%,50%,80%,100%): V68.2,V37.2,V21.7,V2
Luminaire Efficacy Rating (LER): 57.30
Max. Intensity: 756.37 cd
S/MH(C0/C180): 0.61

Total Rated Lamp Lumens: 382.4 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 752.64 cd
Pos of Max. Intensity: H180 V2
S/MH(C90/C270): 0.61

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 37.2°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

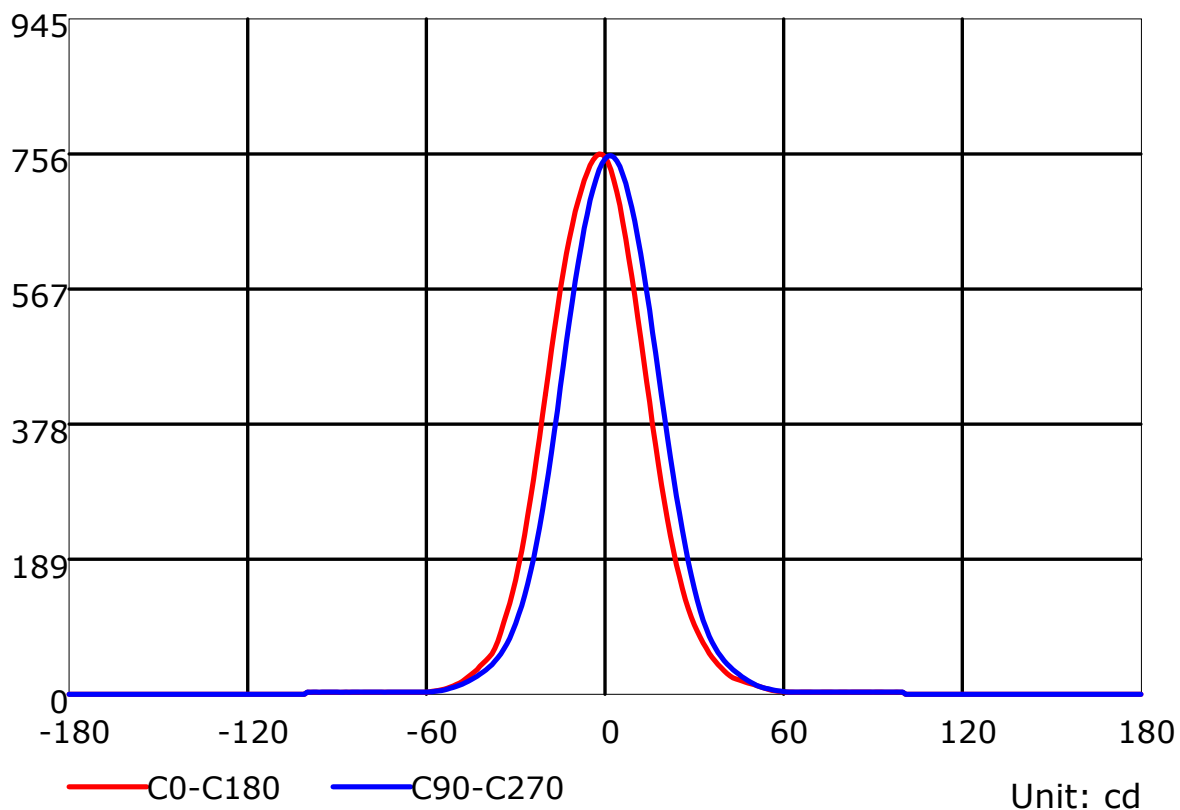
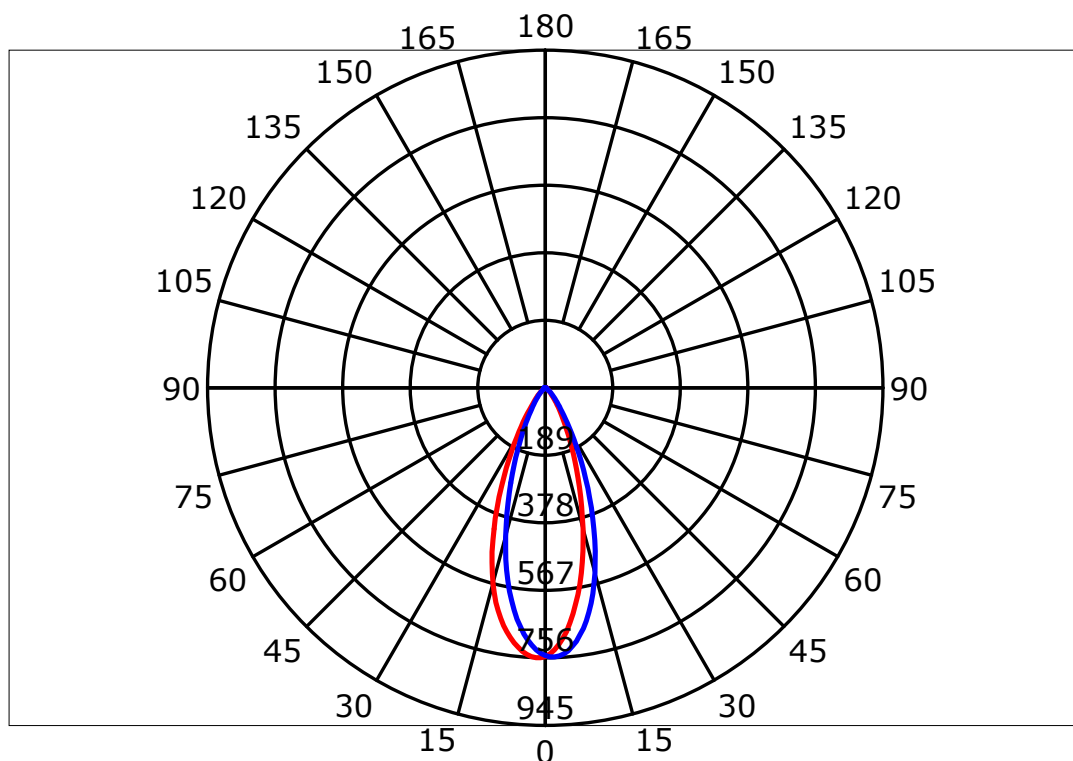
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

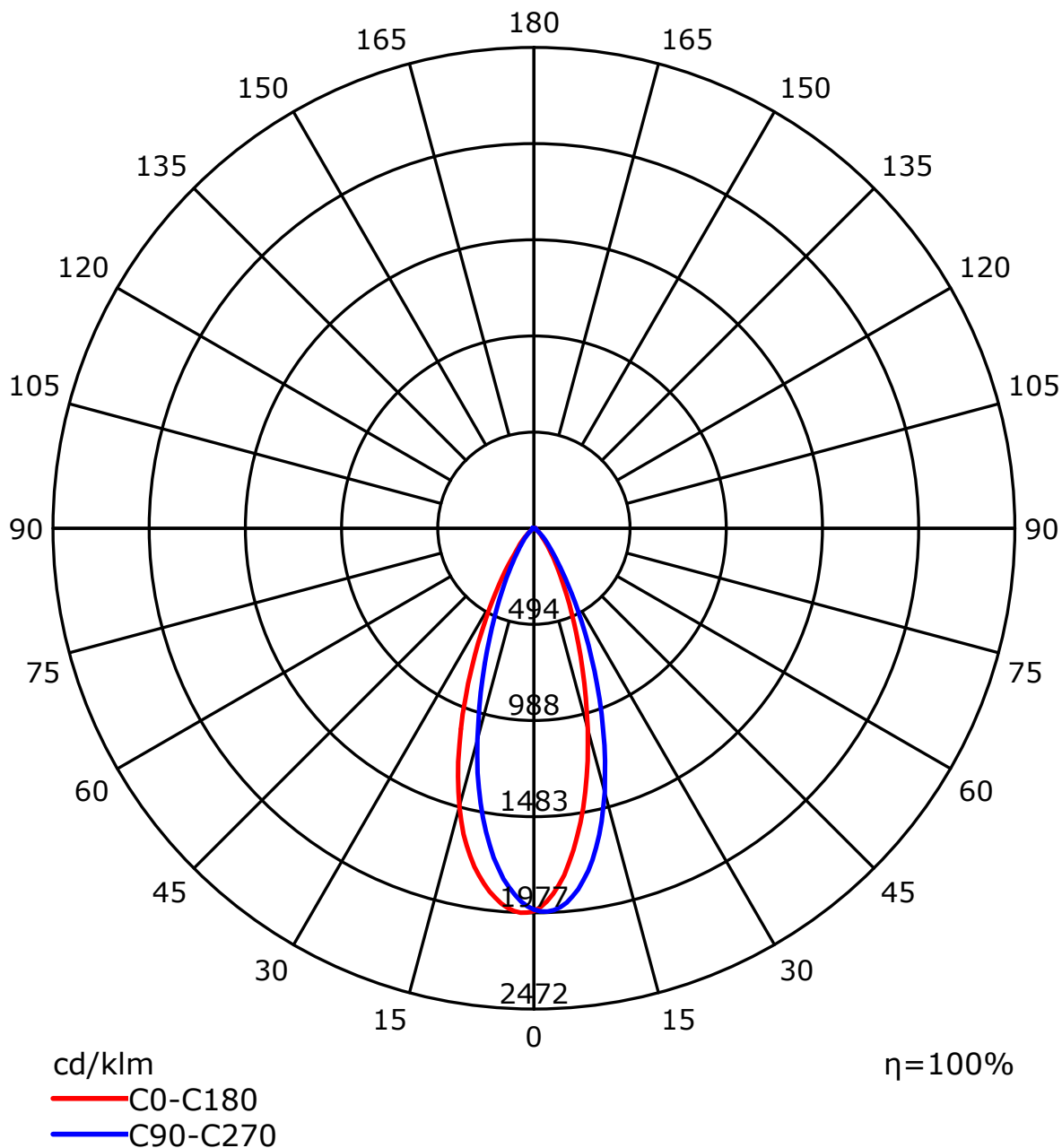
Luminous Intensity Distribution Curve



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)



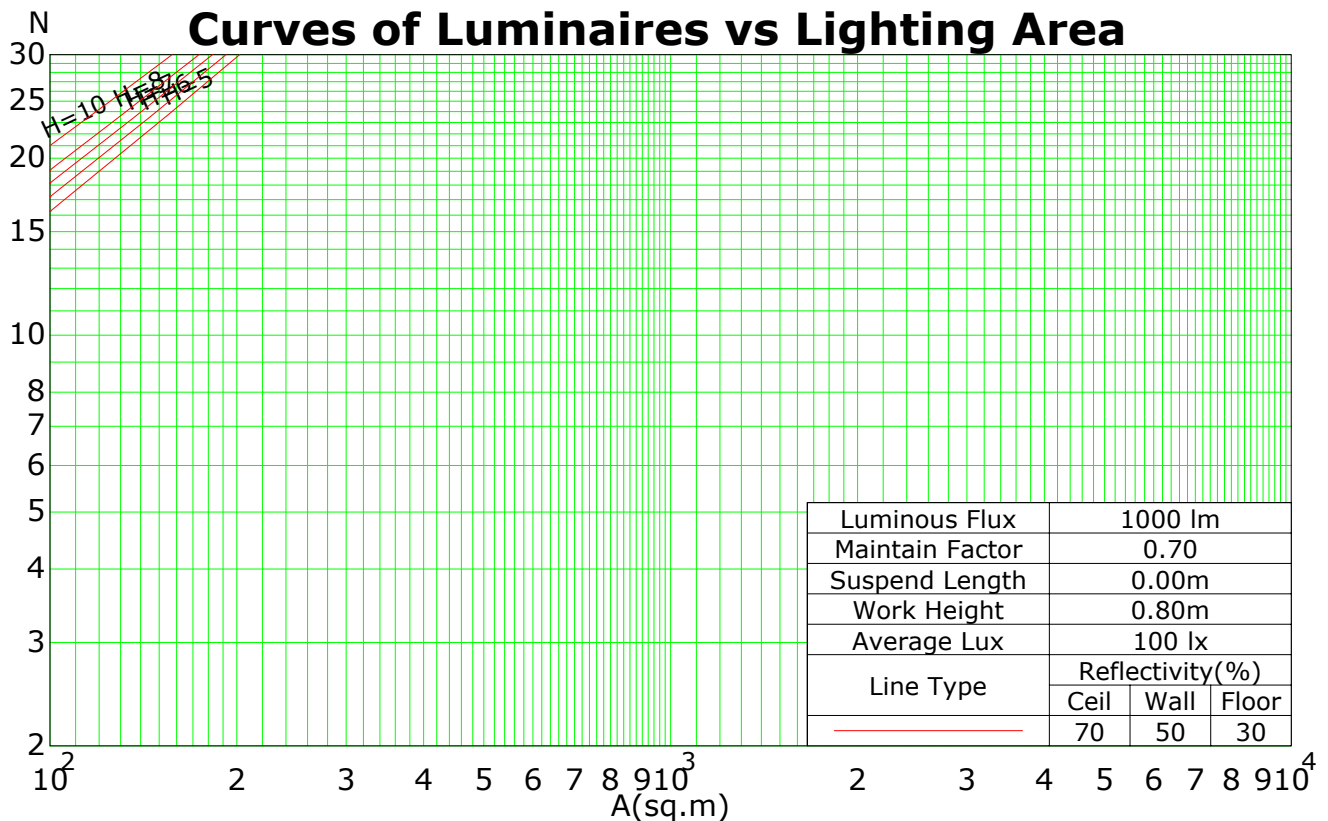
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	101	101	101	99
1	113	110	108	106	111	108	106	104	104	102	100	100	99	97	96	95	94	92
2	108	103	99	96	106	101	98	95	98	95	92	95	92	90	92	90	88	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	81
4	98	91	86	82	96	90	85	81	88	83	80	86	82	79	84	81	78	77
5	94	86	81	76	92	85	80	76	83	79	75	81	78	75	80	77	74	72
6	90	81	76	72	88	81	75	72	79	74	71	78	74	70	76	73	70	69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	66	65
8	82	74	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	60	67	63	60	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	64	60	58	56

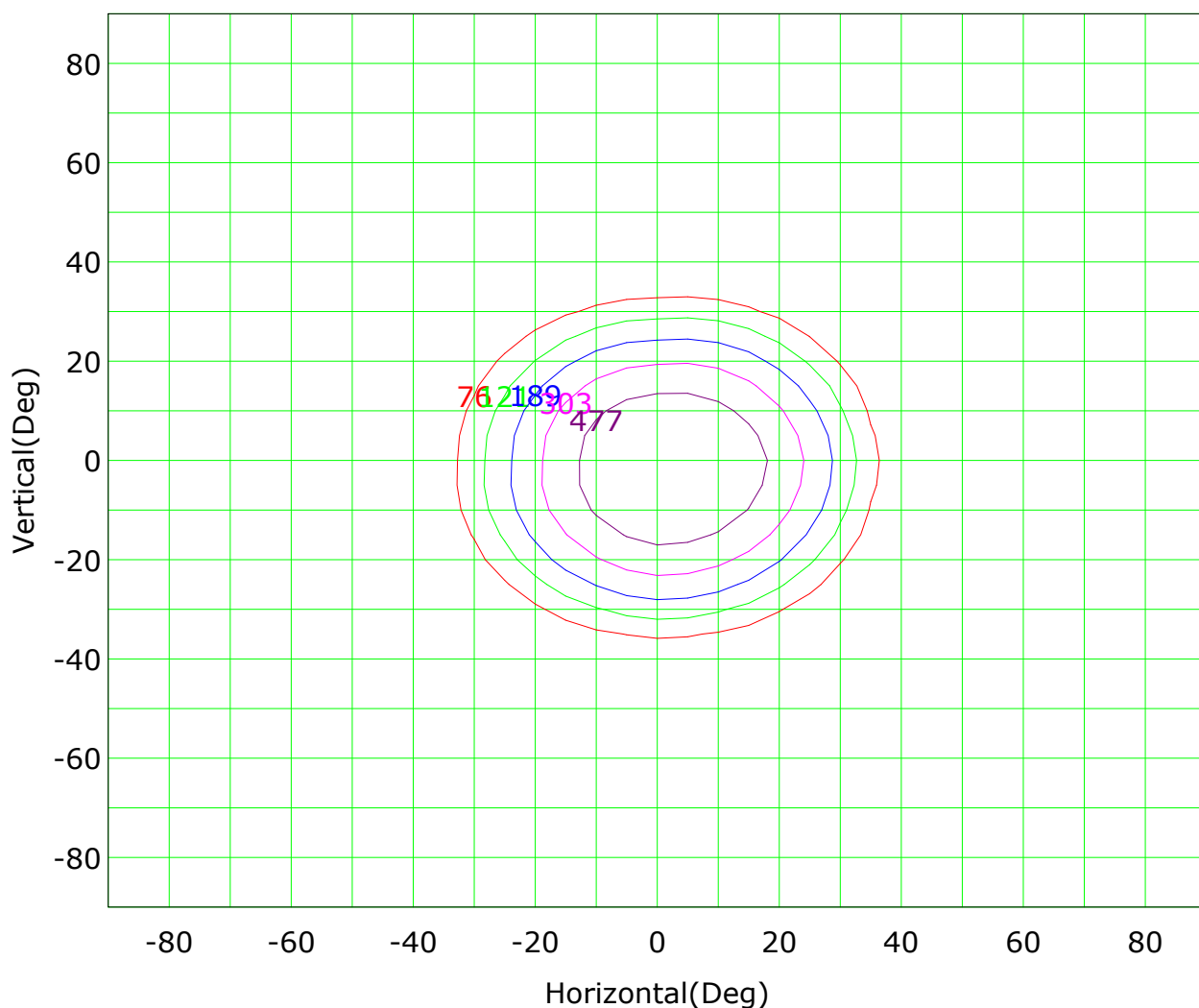
Spacing Criteria (0-180): 0.61
Spacing Criteria (90-270): 0.61
Spacing Criteria (Diagonal): 0.62



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)



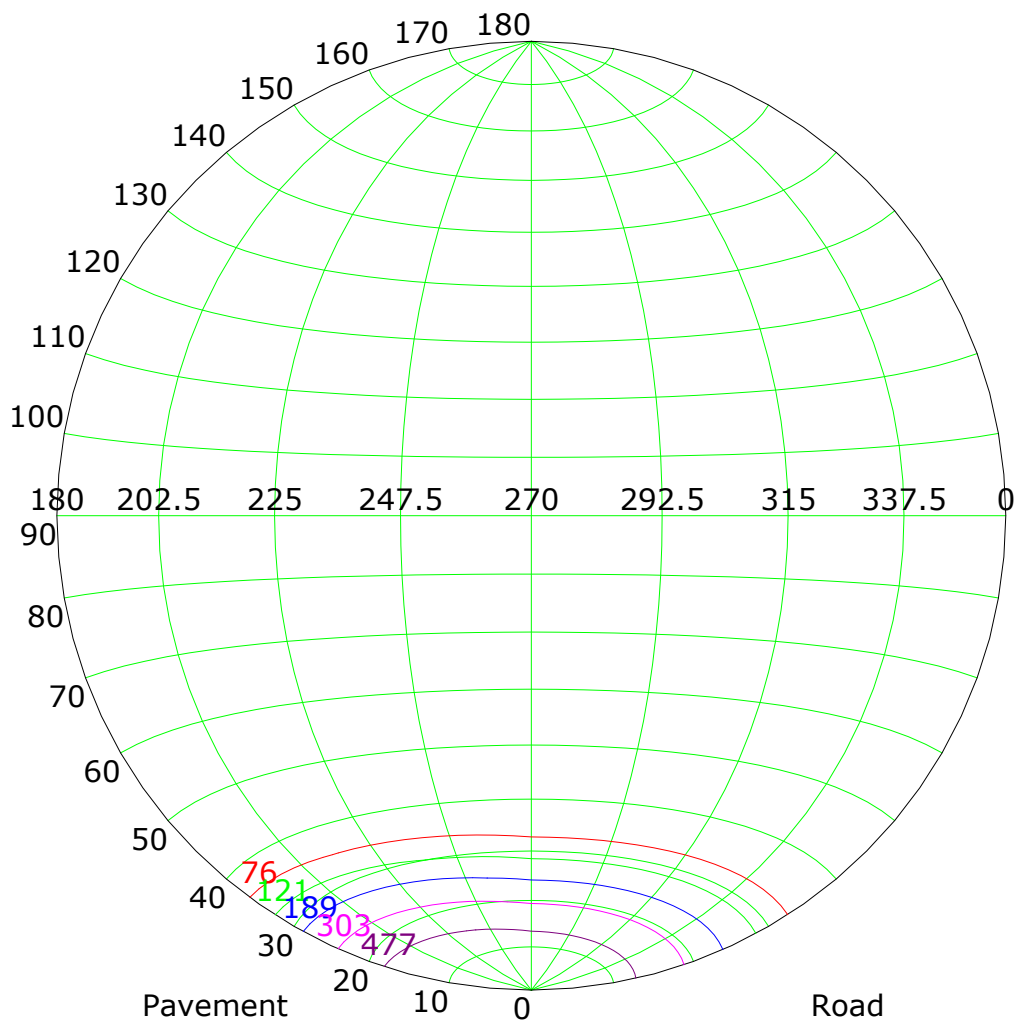
Imax (100%): 756 cd

(10%):	76 cd	(16%):	121 cd
(25%):	189 cd	(40%):	303 cd
(63%):	477 cd	(100%):	756 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)



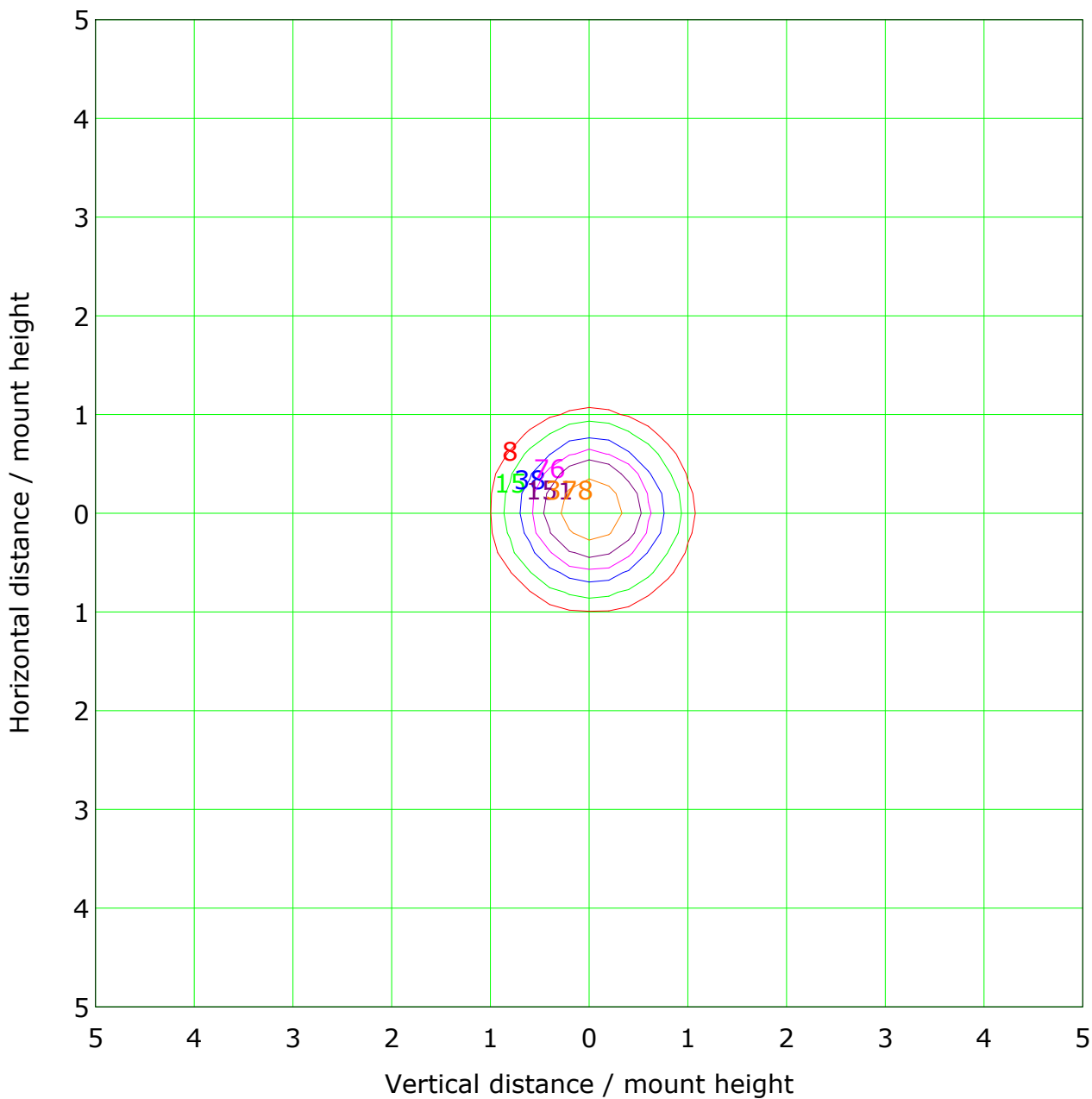
Imax (100%): 756 cd

(10%):	76 cd	(16%):	121 cd
(25%):	189 cd	(40%):	303 cd
(63%):	477 cd	(100%):	756 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%): 755.5 lx

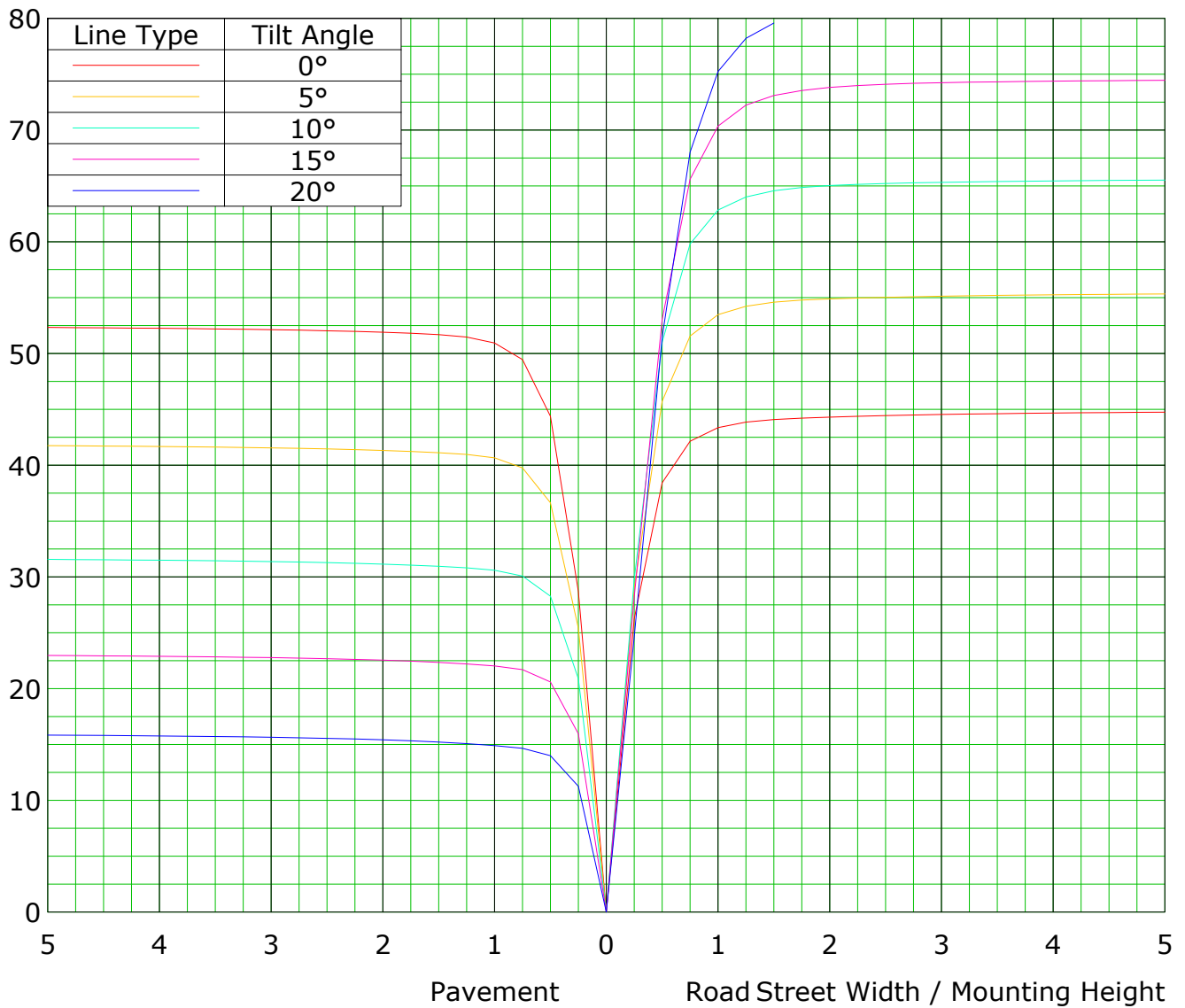
(1%): 7.6 lx	(2%): 15.1 lx
(5%): 37.8 lx	(10%): 75.6 lx
(20%): 151.1 lx	(50%): 377.8 lx
(100%): 755.5 lx	

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(%)

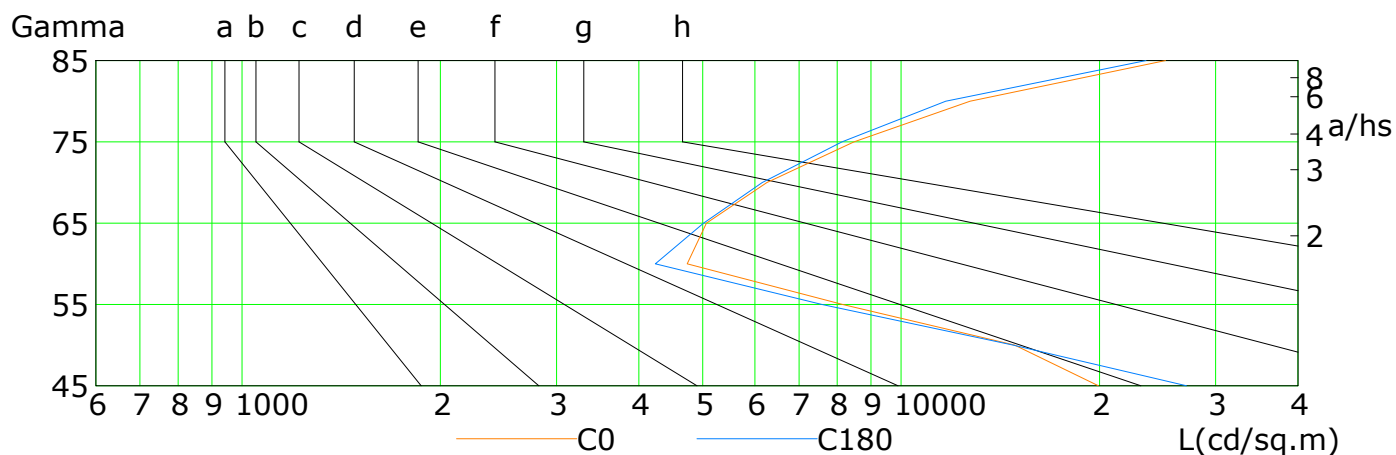
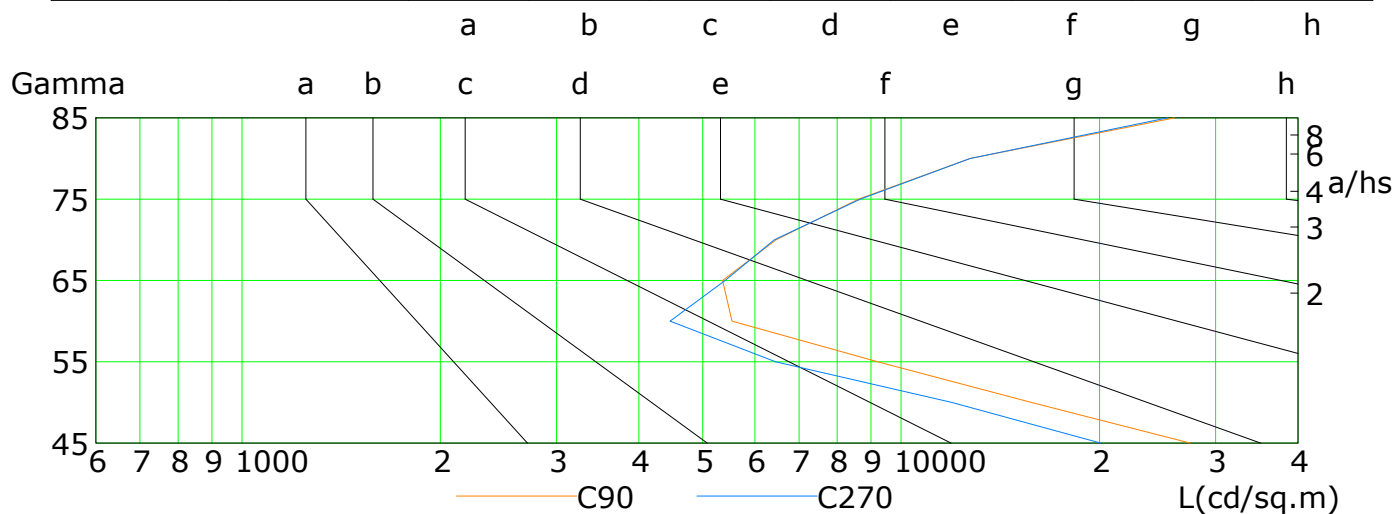


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	19920	14868	8150	4737	5063	6257	8482	12722	25188
C90	27442	15762	9212	5540	5358	6459	8616	12722	25983
C180	27089	14792	7582	4238	5014	6155	8134	11685	23520
C270	20077	11937	6447	4460	5408	6419	8669	12722	25347

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

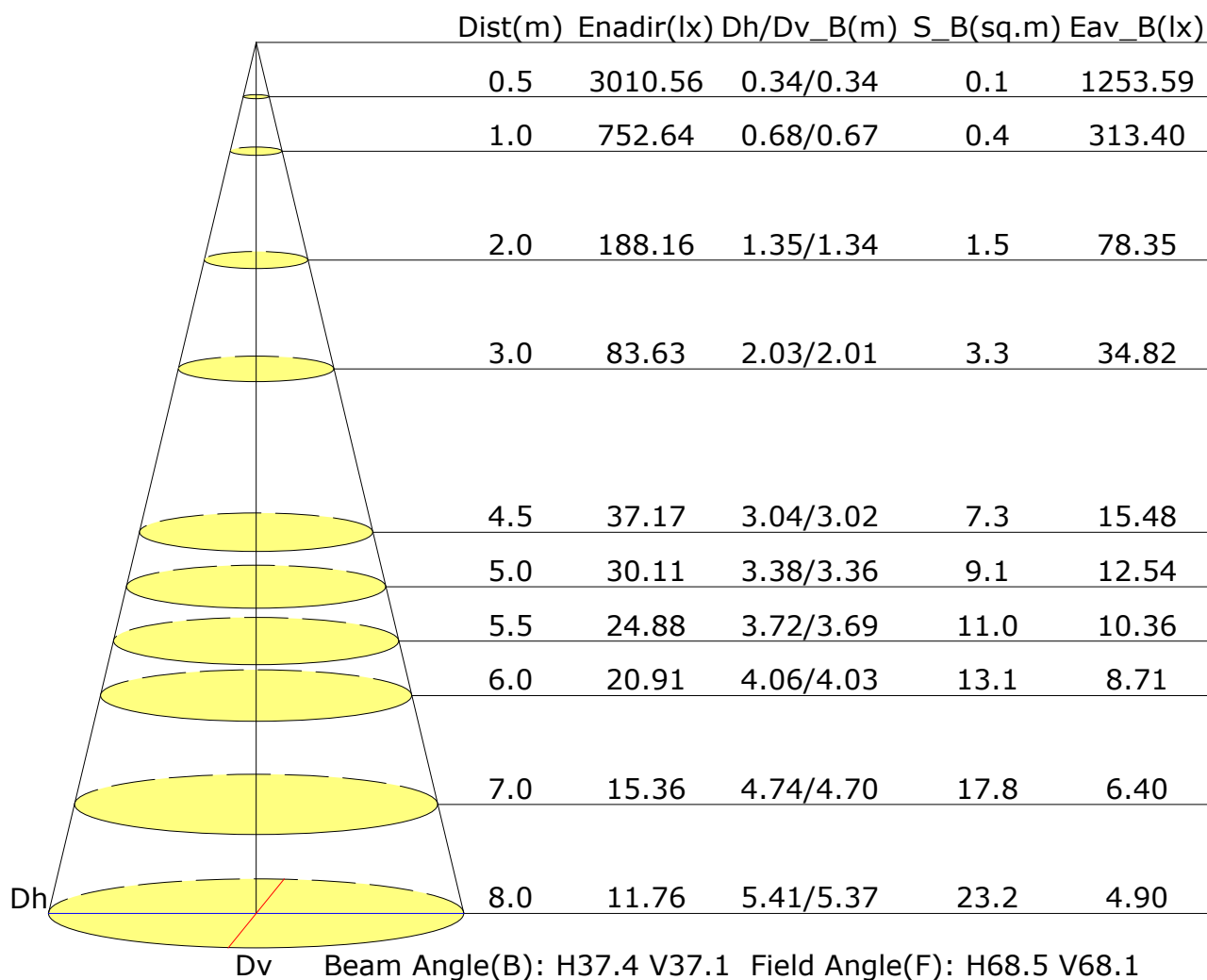
Test Device: GPM-1600L

Distance: 8.443 m

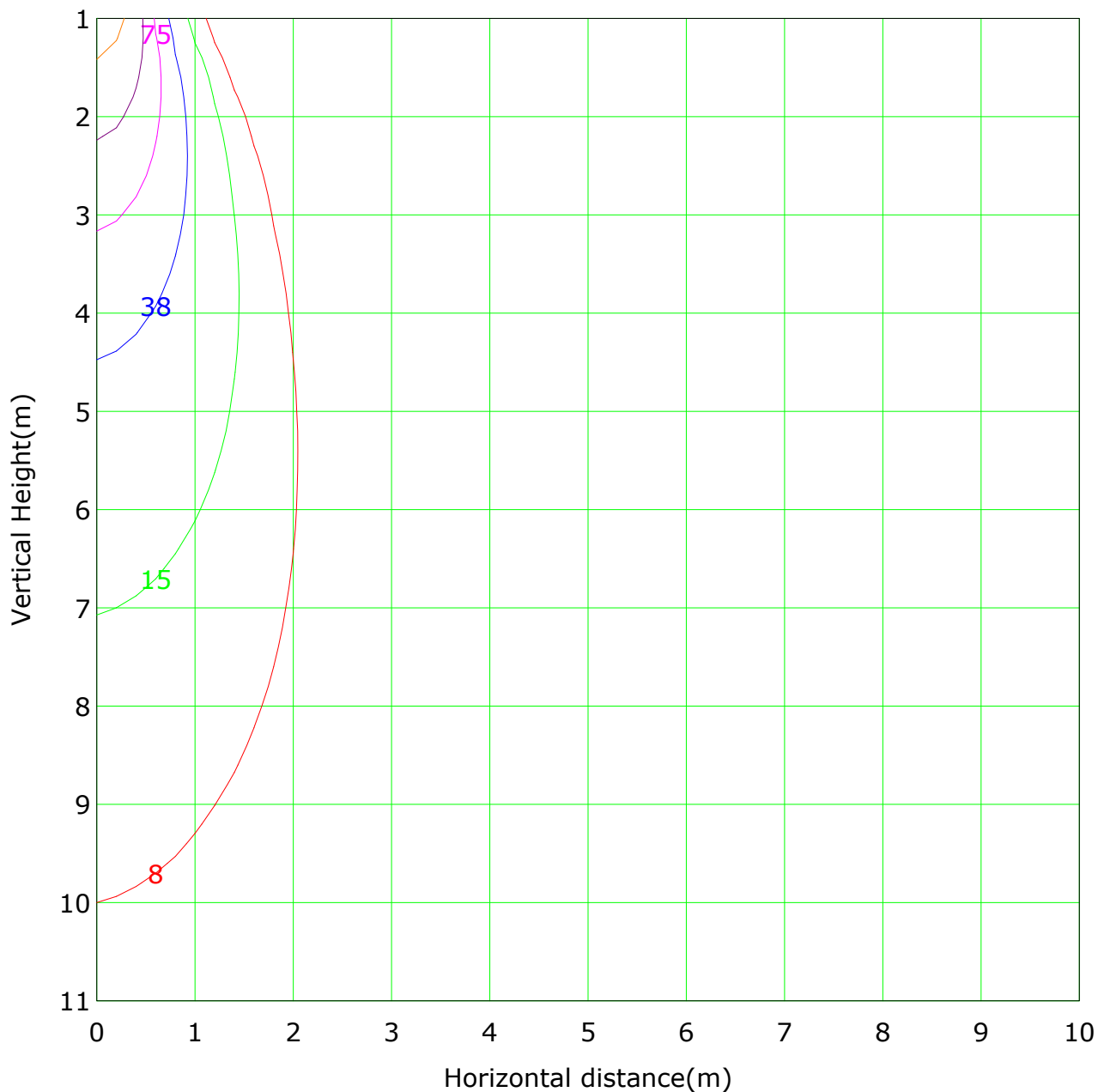
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 752.6 lx

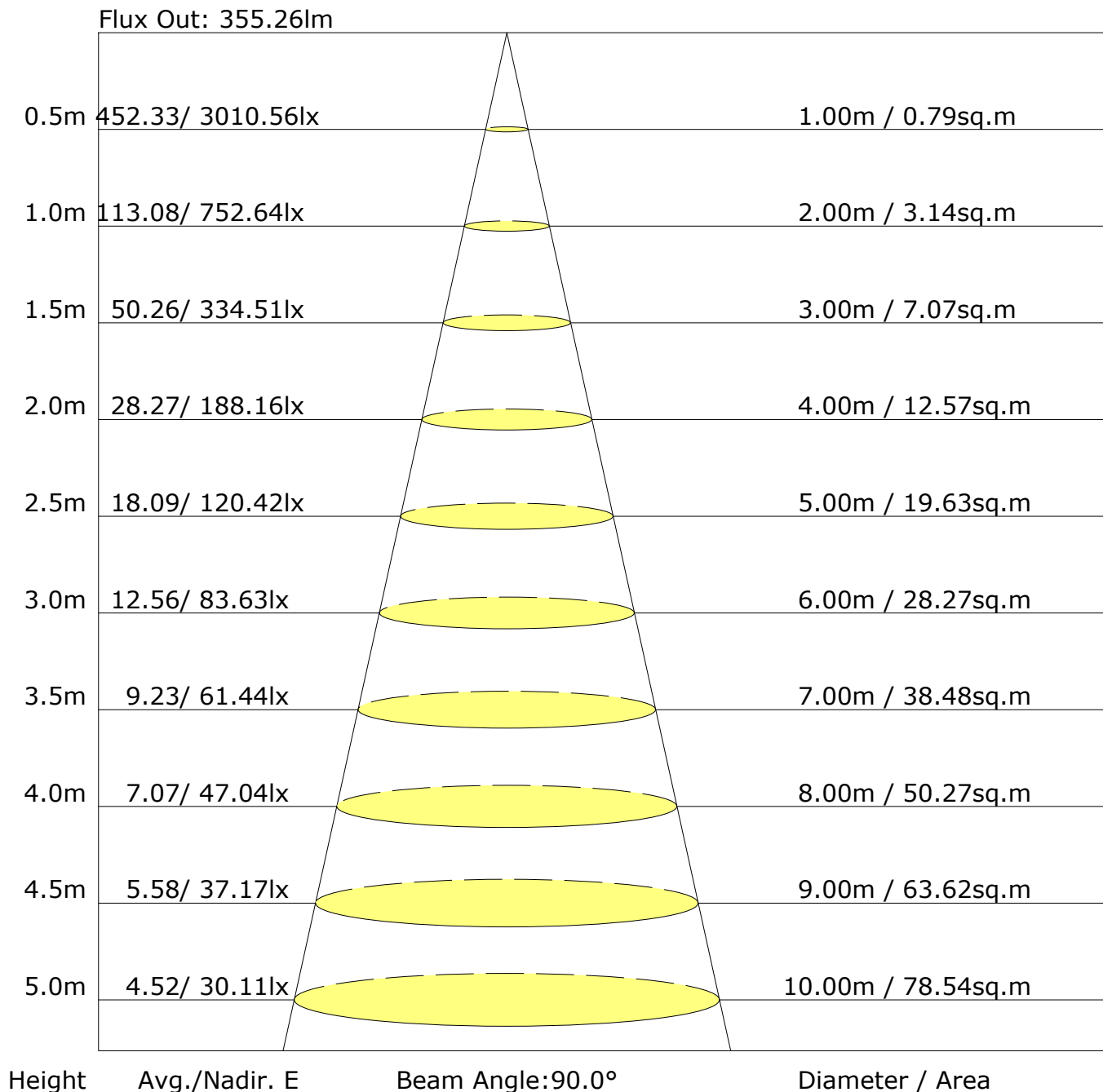
(1%): 7.5 lx	(2%): 15.1 lx
(5%): 37.6 lx	(10%): 75.3 lx
(20%): 150.5 lx	(50%): 376.3 lx
(100%): 752.6 lx	

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



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:

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	16.2	17.0	16.5	17.2	17.5	16.9	17.7	17.1	17.9	18.1
3H	16.5	17.2	16.8	17.5	17.7	17.1	17.8	17.4	18.1	18.3
4H	16.8	17.5	17.2	17.8	18.1	17.4	18.1	17.7	18.4	18.6
6H	17.5	18.2	17.9	18.5	18.8	18.0	18.6	18.3	18.9	19.2
8H	18.0	18.7	18.4	19.0	19.3	18.5	19.1	18.8	19.4	19.7
12H	18.8	19.4	19.2	19.7	20.0	19.1	19.7	19.5	20.1	20.4
X=4H Y=2H	16.2	16.9	16.5	17.1	17.4	16.8	17.5	17.1	17.7	18.0
3H	16.6	17.2	17.0	17.5	17.9	17.2	17.8	17.5	18.1	18.4
4H	17.2	17.7	17.6	18.1	18.5	17.7	18.2	18.1	18.6	18.9
6H	18.2	18.7	18.7	19.1	19.5	18.6	19.1	19.0	19.5	19.9
8H	19.0	19.4	19.4	19.8	20.2	19.3	19.7	19.8	20.1	20.6
12H	20.0	20.4	20.4	20.8	21.2	20.2	20.6	20.7	21.1	21.5
X=8H Y=4H	17.5	17.9	17.9	18.3	18.8	17.9	18.4	18.4	18.8	19.2
6H	18.9	19.2	19.3	19.7	20.1	19.2	19.5	19.6	20.0	20.4
8H	19.8	20.1	20.3	20.6	21.1	20.1	20.4	20.6	20.9	21.4
12H	21.1	21.4	21.6	21.9	22.4	21.3	21.6	21.8	22.1	22.6
X=12H Y=4H	17.6	18.0	18.1	18.4	18.9	18.0	18.4	18.5	18.8	19.3
6H	19.1	19.4	19.6	19.9	20.4	19.4	19.7	19.9	20.1	20.6
8H	20.2	20.5	20.7	20.9	21.5	20.4	20.7	20.9	21.2	21.7
Variations with the observer position at spacings:										
S=1.0H	+1.6/-1.3					+1.5/-1.3				
S=1.5H	+3.3/-2.1					+3.1/-1.9				
S=2.0H	+4.8/-2.7					+4.6/-2.3				

Calculate in accordance with CIE Pub.117. The table is revised with 382lm ($8\log(F/F_0) = -3.3$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

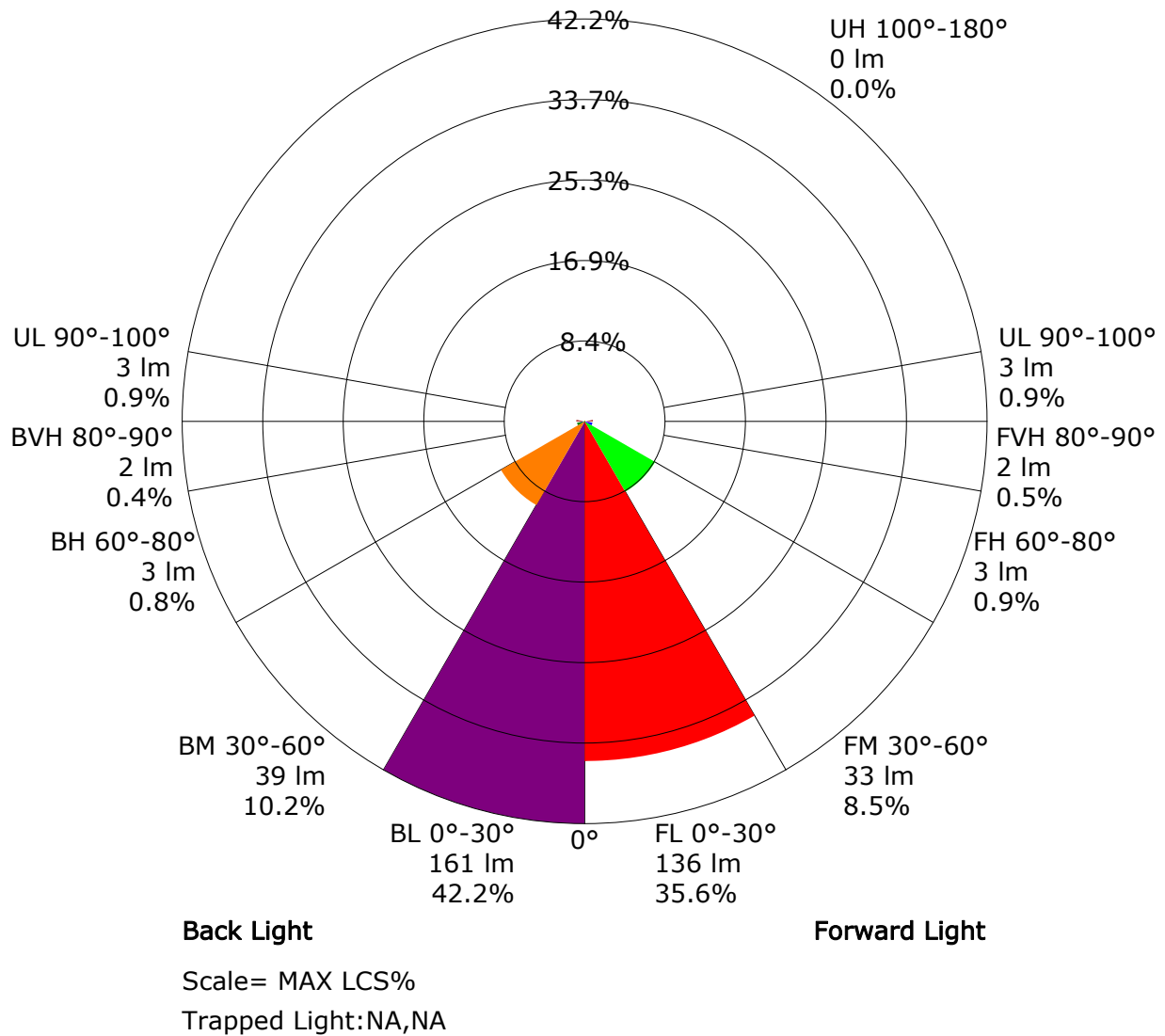
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	174	45.5
	FL (0°-30°)	136	35.6
	FM (30°-60°)	33	8.5
	FH (60°-80°)	3	0.9
	FVH (80°-90°)	2	0.5
	BACK LIGHT	205	53.6
	BL (0°-30°)	161	42.2
	BM (30°-60°)	39	10.2
	BH (60°-80°)	3	0.8
	BVH (80°-90°)	2	0.4
	UP LIGHT	4	0.9
	UL (90°-100°)	3	0.9
	UH (100°-180°)	0	0.0
	TRAPPED 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



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	0.87	0.93	0.97	0.99	1.03	1.06	1.07	1.10	1.11	
	0.30		0.83	0.89	0.93	0.96	1.00	1.03	1.04	1.07	1.09	
	0.20		0.79	0.85	0.89	0.93	0.97	1.00	1.02	1.05	1.07	
0.50	0.50	0.20	0.86	0.91	0.94	0.97	1.00	1.02	1.04	1.06	1.07	
	0.30		0.82	0.87	0.91	0.94	0.97	1.00	1.01	1.04	1.05	
	0.20		0.79	0.85	0.88	0.91	0.95	0.98	1.00	1.02	1.04	
0.30	0.50	0.20	0.84	0.89	0.92	0.95	0.97	0.99	1.00	1.02	1.03	
	0.30		0.81	0.86	0.90	0.92	0.95	0.97	0.99	1.00	1.02	
	0.20		0.78	0.84	0.87	0.90	0.93	0.95	0.97	0.99	1.00	
0.00	0.00	0.00	0.77	0.82	0.85	0.87	0.90	0.92	0.93	0.95	0.96	
Rating:7W 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	0.56	0.45	0.38	0.33	0.26	0.22	0.19	0.15	0.12	
	0.30		0.46	0.39	0.33	0.29	0.24	0.20	0.18	0.14	0.12	
	0.20		0.40	0.34	0.30	0.26	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.53	0.43	0.36	0.31	0.25	0.24	0.17	0.13	0.11	
	0.30		0.45	0.37	0.32	0.28	0.22	0.19	0.16	0.13	0.11	
	0.20		0.39	0.33	0.28	0.25	0.21	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.50	0.40	0.34	0.29	0.23	0.19	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	
0.00	0.00	0.00	0.24	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	
Rating:7W 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	0.14	0.15	0.16	0.17	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.18	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:7W 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	750.3	0.7	0.7	0.19	0.19
1.0-2.0	747.1	2.1	2.9	0.56	0.75
2.0-3.0	740.7	3.5	6.4	0.93	1.68
3.0-4.0	731.6	4.9	11.3	1.28	2.96
4.0-5.0	720.3	6.2	17.5	1.62	4.58
5.0-6.0	705.9	7.4	24.9	1.94	6.52
6.0-7.0	689.4	8.6	33.5	2.24	8.75
7.0-8.0	671.1	9.6	43.1	2.51	11.27
8.0-9.0	650.8	10.5	53.6	2.76	14.03
9.0-10.0	629.8	11.4	65.0	2.98	17.01
10.0-11.0	606.4	12.1	77.1	3.17	20.17
11.0-12.0	581.3	12.7	89.9	3.32	23.50
12.0-13.0	555.9	13.2	103.1	3.45	26.95
13.0-14.0	528.4	13.5	116.6	3.54	30.49
14.0-15.0	500.0	13.7	130.3	3.59	34.08
15.0-16.0	470.5	13.8	144.1	3.61	37.68
16.0-17.0	440.8	13.7	157.8	3.59	41.27
17.0-18.0	412.4	13.6	171.4	3.56	44.83
18.0-19.0	383.0	13.3	184.8	3.49	48.31
19.0-20.0	354.0	13.0	197.7	3.39	51.70
20.0-21.0	326.9	12.6	210.3	3.28	54.99
21.0-22.0	300.0	12.1	222.3	3.15	58.14
22.0-23.0	274.6	11.5	233.8	3.01	61.15
23.0-24.0	250.3	10.9	244.8	2.86	64.01
24.0-25.0	227.0	10.3	255.1	2.70	66.71
25.0-26.0	206.1	9.7	264.8	2.54	69.26
26.0-27.0	185.7	9.1	273.9	2.38	71.63
27.0-28.0	166.6	8.4	282.4	2.21	73.84
28.0-29.0	149.8	7.8	290.2	2.05	75.89
29.0-30.0	134.1	7.2	297.5	1.89	77.78
30.0-31.0	119.9	6.7	304.1	1.74	79.53
31.0-32.0	107.1	6.1	310.3	1.60	81.13
32.0-33.0	95.4	5.6	315.9	1.47	82.60
33.0-34.0	85.4	5.2	321.0	1.35	83.96
34.0-35.0	75.6	4.7	325.7	1.23	85.18
35.0-36.0	66.6	4.2	330.0	1.11	86.29

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	59.2	3.9	333.8	1.01	87.30
37.0-38.0	52.8	3.5	337.4	0.92	88.22
38.0-39.0	47.4	3.2	340.6	0.85	89.07
39.0-40.0	42.7	3.0	343.6	0.78	89.85
40.0-41.0	38.5	2.7	346.3	0.72	90.57
41.0-42.0	34.9	2.5	348.9	0.66	91.23
42.0-43.0	31.3	2.3	351.2	0.61	91.84
43.0-44.0	28.1	2.1	353.3	0.55	92.39
44.0-45.0	25.4	2.0	355.3	0.51	92.90
45.0-46.0	22.9	1.8	357.1	0.47	93.37
46.0-47.0	20.4	1.6	358.7	0.43	93.80
47.0-48.0	18.1	1.5	360.1	0.38	94.18
48.0-49.0	15.9	1.3	361.4	0.34	94.52
49.0-50.0	14.1	1.2	362.6	0.31	94.83
50.0-51.0	12.4	1.0	363.7	0.27	95.10
51.0-52.0	10.8	0.9	364.6	0.24	95.34
52.0-53.0	9.4	0.8	365.4	0.21	95.56
53.0-54.0	8.1	0.7	366.1	0.19	95.75
54.0-55.0	7.0	0.6	366.8	0.16	95.91
55.0-56.0	6.1	0.5	367.3	0.14	96.05
56.0-57.0	5.3	0.5	367.8	0.13	96.18
57.0-58.0	4.7	0.4	368.2	0.11	96.29
58.0-59.0	4.1	0.4	368.6	0.10	96.39
59.0-60.0	3.6	0.3	369.0	0.09	96.48
60.0-61.0	3.3	0.3	369.3	0.08	96.57
61.0-62.0	3.2	0.3	369.6	0.08	96.65
62.0-63.0	3.2	0.3	369.9	0.08	96.73
63.0-64.0	3.2	0.3	370.2	0.08	96.81
64.0-65.0	3.2	0.3	370.5	0.08	96.89
65.0-66.0	3.2	0.3	370.8	0.08	96.97
66.0-67.0	3.2	0.3	371.1	0.08	97.06
67.0-68.0	3.1	0.3	371.5	0.08	97.14
68.0-69.0	3.1	0.3	371.8	0.08	97.22
69.0-70.0	3.1	0.3	372.1	0.08	97.31
70.0-71.0	3.1	0.3	372.4	0.08	97.39
71.0-72.0	3.1	0.3	372.8	0.08	97.48

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	3.1	0.3	373.1	0.09	97.56
73.0-74.0	3.1	0.3	373.4	0.09	97.65
74.0-75.0	3.1	0.3	373.7	0.09	97.74
75.0-76.0	3.1	0.3	374.1	0.09	97.82
76.0-77.0	3.1	0.3	374.4	0.09	97.91
77.0-78.0	3.1	0.3	374.7	0.09	98.00
78.0-79.0	3.1	0.3	375.1	0.09	98.09
79.0-80.0	3.1	0.3	375.4	0.09	98.17
80.0-81.0	3.1	0.3	375.8	0.09	98.26
81.0-82.0	3.1	0.3	376.1	0.09	98.35
82.0-83.0	3.1	0.3	376.4	0.09	98.44
83.0-84.0	3.1	0.3	376.8	0.09	98.53
84.0-85.0	3.1	0.3	377.1	0.09	98.62
85.0-86.0	3.1	0.3	377.5	0.09	98.71
86.0-87.0	3.1	0.3	377.8	0.09	98.80
87.0-88.0	3.1	0.3	378.1	0.09	98.89
88.0-89.0	3.1	0.3	378.5	0.09	98.98
89.0-90.0	3.1	0.3	378.8	0.09	99.07
90.0-91.0	3.1	0.3	379.2	0.09	99.16
91.0-92.0	3.1	0.3	379.5	0.09	99.25
92.0-93.0	3.1	0.3	379.9	0.09	99.33
93.0-94.0	3.1	0.3	380.2	0.09	99.42
94.0-95.0	3.1	0.3	380.5	0.09	99.51
95.0-96.0	3.1	0.3	380.9	0.09	99.60
96.0-97.0	3.1	0.3	381.2	0.09	99.69
97.0-98.0	3.1	0.3	381.6	0.09	99.78
98.0-99.0	3.1	0.3	381.9	0.09	99.87
99.0-100.0	3.1	0.3	382.2	0.09	99.96
100.0-101.0	1.6	0.2	382.4	0.04	100.00
101.0-102.0	0.0	0.0	382.4	0.00	100.00
102.0-103.0	0.0	0.0	382.4	0.00	100.00
103.0-104.0	0.0	0.0	382.4	0.00	100.00
104.0-105.0	0.0	0.0	382.4	0.00	100.00
105.0-106.0	0.0	0.0	382.4	0.00	100.00
106.0-107.0	0.0	0.0	382.4	0.00	100.00
107.0-108.0	0.0	0.0	382.4	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	382.4	0.00	100.00
109.0-110.0	0.0	0.0	382.4	0.00	100.00
110.0-111.0	0.0	0.0	382.4	0.00	100.00
111.0-112.0	0.0	0.0	382.4	0.00	100.00
112.0-113.0	0.0	0.0	382.4	0.00	100.00
113.0-114.0	0.0	0.0	382.4	0.00	100.00
114.0-115.0	0.0	0.0	382.4	0.00	100.00
115.0-116.0	0.0	0.0	382.4	0.00	100.00
116.0-117.0	0.0	0.0	382.4	0.00	100.00
117.0-118.0	0.0	0.0	382.4	0.00	100.00
118.0-119.0	0.0	0.0	382.4	0.00	100.00
119.0-120.0	0.0	0.0	382.4	0.00	100.00
120.0-121.0	0.0	0.0	382.4	0.00	100.00
121.0-122.0	0.0	0.0	382.4	0.00	100.00
122.0-123.0	0.0	0.0	382.4	0.00	100.00
123.0-124.0	0.0	0.0	382.4	0.00	100.00
124.0-125.0	0.0	0.0	382.4	0.00	100.00
125.0-126.0	0.0	0.0	382.4	0.00	100.00
126.0-127.0	0.0	0.0	382.4	0.00	100.00
127.0-128.0	0.0	0.0	382.4	0.00	100.00
128.0-129.0	0.0	0.0	382.4	0.00	100.00
129.0-130.0	0.0	0.0	382.4	0.00	100.00
130.0-131.0	0.0	0.0	382.4	0.00	100.00
131.0-132.0	0.0	0.0	382.4	0.00	100.00
132.0-133.0	0.0	0.0	382.4	0.00	100.00
133.0-134.0	0.0	0.0	382.4	0.00	100.00
134.0-135.0	0.0	0.0	382.4	0.00	100.00
135.0-136.0	0.0	0.0	382.4	0.00	100.00
136.0-137.0	0.0	0.0	382.4	0.00	100.00
137.0-138.0	0.0	0.0	382.4	0.00	100.00
138.0-139.0	0.0	0.0	382.4	0.00	100.00
139.0-140.0	0.0	0.0	382.4	0.00	100.00
140.0-141.0	0.0	0.0	382.4	0.00	100.00
141.0-142.0	0.0	0.0	382.4	0.00	100.00
142.0-143.0	0.0	0.0	382.4	0.00	100.00
143.0-144.0	0.0	0.0	382.4	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	382.4	0.00	100.00
145.0-146.0	0.0	0.0	382.4	0.00	100.00
146.0-147.0	0.0	0.0	382.4	0.00	100.00
147.0-148.0	0.0	0.0	382.4	0.00	100.00
148.0-149.0	0.0	0.0	382.4	0.00	100.00
149.0-150.0	0.0	0.0	382.4	0.00	100.00
150.0-151.0	0.0	0.0	382.4	0.00	100.00
151.0-152.0	0.0	0.0	382.4	0.00	100.00
152.0-153.0	0.0	0.0	382.4	0.00	100.00
153.0-154.0	0.0	0.0	382.4	0.00	100.00
154.0-155.0	0.0	0.0	382.4	0.00	100.00
155.0-156.0	0.0	0.0	382.4	0.00	100.00
156.0-157.0	0.0	0.0	382.4	0.00	100.00
157.0-158.0	0.0	0.0	382.4	0.00	100.00
158.0-159.0	0.0	0.0	382.4	0.00	100.00
159.0-160.0	0.0	0.0	382.4	0.00	100.00
160.0-161.0	0.0	0.0	382.4	0.00	100.00
161.0-162.0	0.0	0.0	382.4	0.00	100.00
162.0-163.0	0.0	0.0	382.4	0.00	100.00
163.0-164.0	0.0	0.0	382.4	0.00	100.00
164.0-165.0	0.0	0.0	382.4	0.00	100.00
165.0-166.0	0.0	0.0	382.4	0.00	100.00
166.0-167.0	0.0	0.0	382.4	0.00	100.00
167.0-168.0	0.0	0.0	382.4	0.00	100.00
168.0-169.0	0.0	0.0	382.4	0.00	100.00
169.0-170.0	0.0	0.0	382.4	0.00	100.00
170.0-171.0	0.0	0.0	382.4	0.00	100.00
171.0-172.0	0.0	0.0	382.4	0.00	100.00
172.0-173.0	0.0	0.0	382.4	0.00	100.00
173.0-174.0	0.0	0.0	382.4	0.00	100.00
174.0-175.0	0.0	0.0	382.4	0.00	100.00
175.0-176.0	0.0	0.0	382.4	0.00	100.00
176.0-177.0	0.0	0.0	382.4	0.00	100.00
177.0-178.0	0.0	0.0	382.4	0.00	100.00
178.0-179.0	0.0	0.0	382.4	0.00	100.00
179.0-180.0	0.0	0.0	382.4	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	752.6	749.6	752.6	749.6	752.6					
G1.0	745.0	753.5	755.9	743.6	745.0					
G2.0	734.2	754.1	756.4	734.3	734.2					
G3.0	719.8	751.9	753.5	721.7	719.8					
G4.0	703.2	746.6	748.2	707.5	703.2					
G5.0	684.6	739.1	740.8	692.0	684.6					
G6.0	661.0	727.6	730.2	671.8	661.0					
G7.0	637.4	715.3	719.6	652.5	637.4					
G8.0	611.2	698.6	705.7	628.3	611.2					
G9.0	585.8	682.0	691.1	604.1	585.8					
G10.0	558.3	662.5	676.0	578.5	558.3					
G11.0	528.4	640.1	656.9	550.3	528.4					
G12.0	499.1	616.8	637.4	521.8	499.1					
G13.0	469.3	591.8	617.1	493.9	469.3					
G14.0	438.0	564.3	592.0	461.0	438.0					
G15.0	409.3	537.7	567.0	430.5	409.3					
G16.0	377.0	506.4	538.9	397.3	377.0					
G17.0	349.3	478.4	510.7	368.6	349.3					
G18.0	321.3	448.8	483.0	339.3	321.3					
G19.0	293.4	417.8	450.5	310.0	293.4					
G20.0	268.3	388.7	420.2	283.3	268.3					
G21.0	244.7	360.1	391.5	257.9	244.7					
G22.0	221.6	331.1	359.3	233.3	221.6					
G23.0	202.2	305.5	331.9	212.2	202.2					
G24.0	181.6	277.5	301.5	190.1	181.6					
G25.0	165.0	254.0	274.5	171.7	165.0					
G26.0	148.4	230.4	250.1	154.6	148.4					
G27.0	132.8	207.4	223.3	138.2	132.8					
G28.0	120.2	185.9	200.9	124.1	120.2					
G29.0	108.1	166.6	181.2	111.9	108.1					
G30.0	97.4	148.2	160.3	99.2	97.4					
G31.0	88.7	132.1	144.1	89.1	88.7					
G32.0	79.8	116.8	127.4	78.6	79.8					
G33.0	72.1	103.6	114.5	70.6	72.1					
G34.0	65.0	92.6	101.1	63.4	65.0					
G35.0	57.5	81.6	86.8	56.5	57.5					
G36.0	51.8	73.2	74.5	51.3	51.8					

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	46.6	65.6	64.4	46.5	46.6					
G38.0	41.8	58.7	56.9	41.7	41.8					
G39.0	37.6	52.9	51.9	37.9	37.6					
G40.0	33.1	47.2	47.3	34.1	33.1					
G41.0	29.3	42.7	43.6	31.2	29.3					
G42.0	26.0	38.6	39.5	28.3	26.0					
G43.0	23.3	34.6	34.7	25.4	23.3					
G44.0	21.6	31.3	31.0	22.9	21.6					
G45.0	20.3	28.0	27.7	20.5	20.3					
G46.0	18.9	24.7	24.6	18.4	18.9					
G47.0	17.3	22.1	21.2	16.3	17.3					
G48.0	16.1	19.3	18.0	14.3	16.1					
G49.0	14.9	16.9	15.5	12.6	14.9					
G50.0	13.8	14.6	13.7	11.1	13.8					
G51.0	12.2	12.4	11.8	9.6	12.2					
G52.0	10.9	10.8	10.2	8.6	10.9					
G53.0	9.5	9.5	8.7	7.3	9.5					
G54.0	8.1	8.5	7.3	6.1	8.1					
G55.0	6.8	7.6	6.3	5.3	6.8					
G56.0	5.7	6.6	5.4	4.8	5.7					
G57.0	5.0	5.7	4.8	4.3	5.0					
G58.0	4.4	5.1	4.3	3.7	4.4					
G59.0	3.9	4.6	3.5	3.4	3.9					
G60.0	3.4	4.0	3.1	3.2	3.4					
G61.0	3.2	3.5	3.0	3.2	3.2					
G62.0	3.2	3.3	3.0	3.2	3.2					
G63.0	3.2	3.3	3.0	3.2	3.2					
G64.0	3.1	3.3	3.0	3.2	3.1					
G65.0	3.1	3.3	3.1	3.3	3.1					
G66.0	3.2	3.2	3.1	3.3	3.2					
G67.0	3.1	3.2	3.0	3.2	3.1					
G68.0	3.1	3.2	3.0	3.2	3.1					
G69.0	3.2	3.2	3.1	3.2	3.2					
G70.0	3.1	3.2	3.0	3.2	3.1					
G71.0	3.1	3.2	3.0	3.2	3.1					
G72.0	3.1	3.2	3.0	3.2	3.1					
G73.0	3.1	3.2	3.0	3.2	3.1					

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	3.1	3.2	3.0	3.1	3.1					
G75.0	3.2	3.2	3.0	3.2	3.2					
G76.0	3.1	3.2	3.0	3.2	3.1					
G77.0	3.1	3.2	3.0	3.2	3.1					
G78.0	3.1	3.3	3.0	3.2	3.1					
G79.0	3.2	3.3	2.9	3.2	3.2					
G80.0	3.2	3.2	2.9	3.2	3.2					
G81.0	3.2	3.3	2.9	3.2	3.2					
G82.0	3.1	3.3	2.9	3.2	3.1					
G83.0	3.2	3.2	3.0	3.2	3.2					
G84.0	3.2	3.2	2.9	3.2	3.2					
G85.0	3.2	3.3	3.0	3.2	3.2					
G86.0	3.2	3.3	2.9	3.1	3.2					
G87.0	3.2	3.2	2.9	3.2	3.2					
G88.0	3.2	3.2	2.9	3.1	3.2					
G89.0	3.1	3.3	2.9	3.1	3.1					
G90.0	3.0	3.2	3.0	3.2	3.0					
G91.0	3.1	3.2	3.0	3.1	3.1					
G92.0	3.2	3.2	3.0	3.2	3.2					
G93.0	3.1	3.2	3.0	3.2	3.1					
G94.0	3.1	3.2	3.0	3.2	3.1					
G95.0	3.1	3.2	2.9	3.2	3.1					
G96.0	3.1	3.2	2.9	3.1	3.1					
G97.0	3.1	3.3	2.9	3.2	3.1					
G98.0	3.1	3.3	3.0	3.2	3.1					
G99.0	3.1	3.3	2.9	3.1	3.1					
G100.0	3.1	3.2	2.9	3.2	3.1					
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: