

Report No.:

Test Time: 2025-07-17 09:22

Luminaire Property

Luminaire Manufacturer: NORDDECOR
Luminaire Description: 6748
Luminous Width (mm): 10
Current: 0.101 A
Power Factor: 1.000

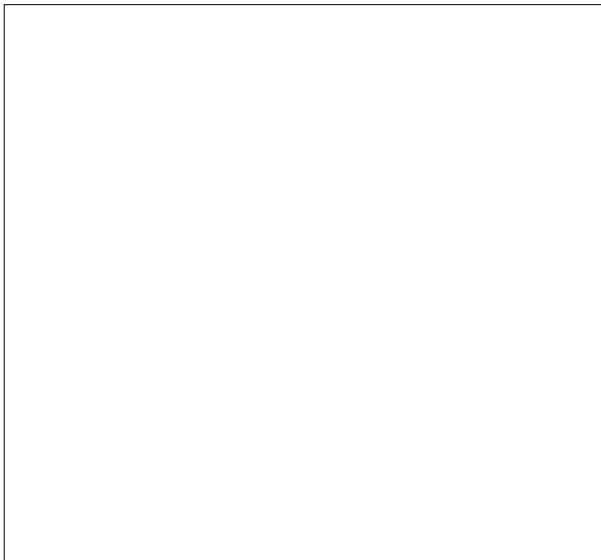
Luminous Length (mm): 230
Voltage: 48.0 V
Power: 4.86 W

Photometric Results

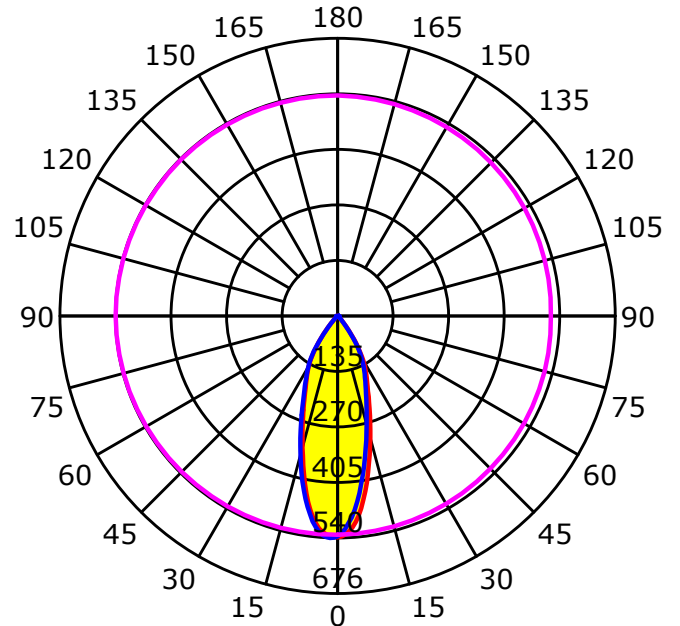
CIE Class: Direct
Measurement Flux: 290.1 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%,100%): H75,H35.5,H19.4,H0
Vertical Diffuse Angle(10%,50%,80%,100%): V74.4,V34.5,V18.3,V2
Luminaire Efficacy Rating (LER): 59.75
Max. Intensity: 540.97 cd
S/MH(C0/C180): 0.57

Total Rated Lamp Lumens: 290.1 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 539.01 cd
Pos of Max. Intensity: H270 V2
S/MH(C90/C270): 0.56

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 34.9°

— 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

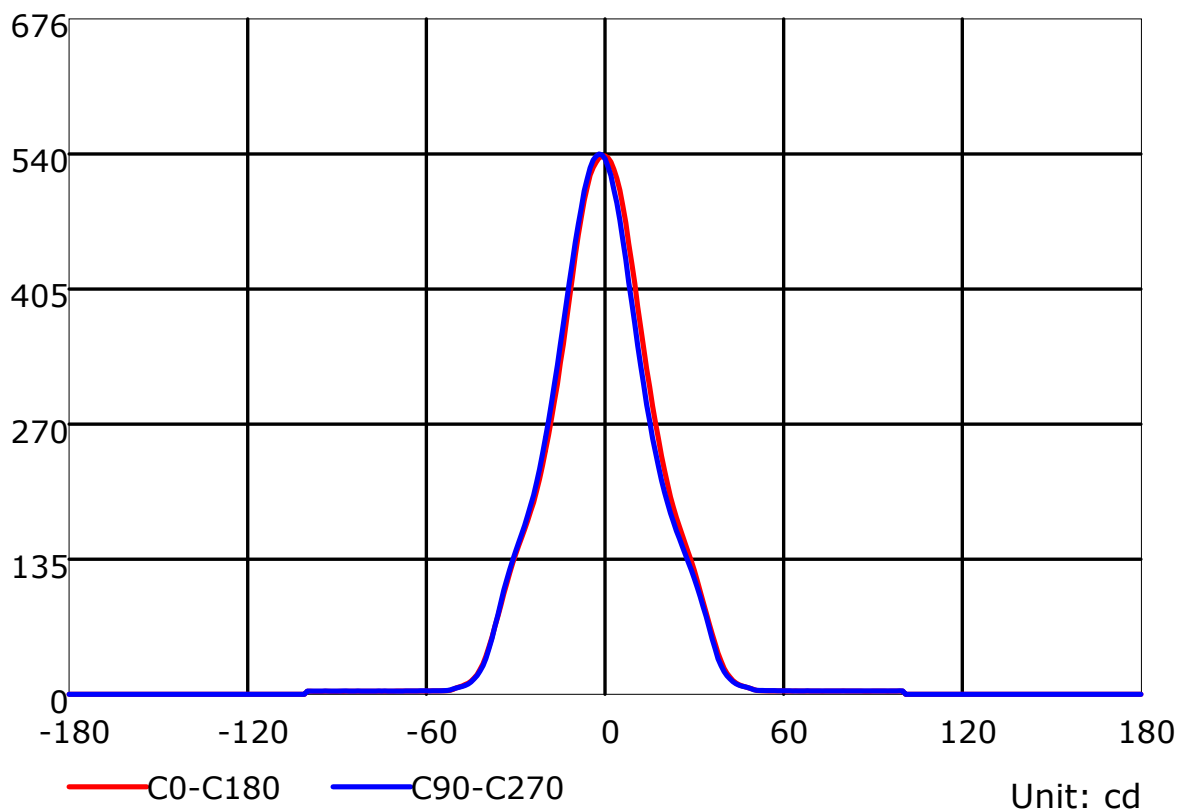
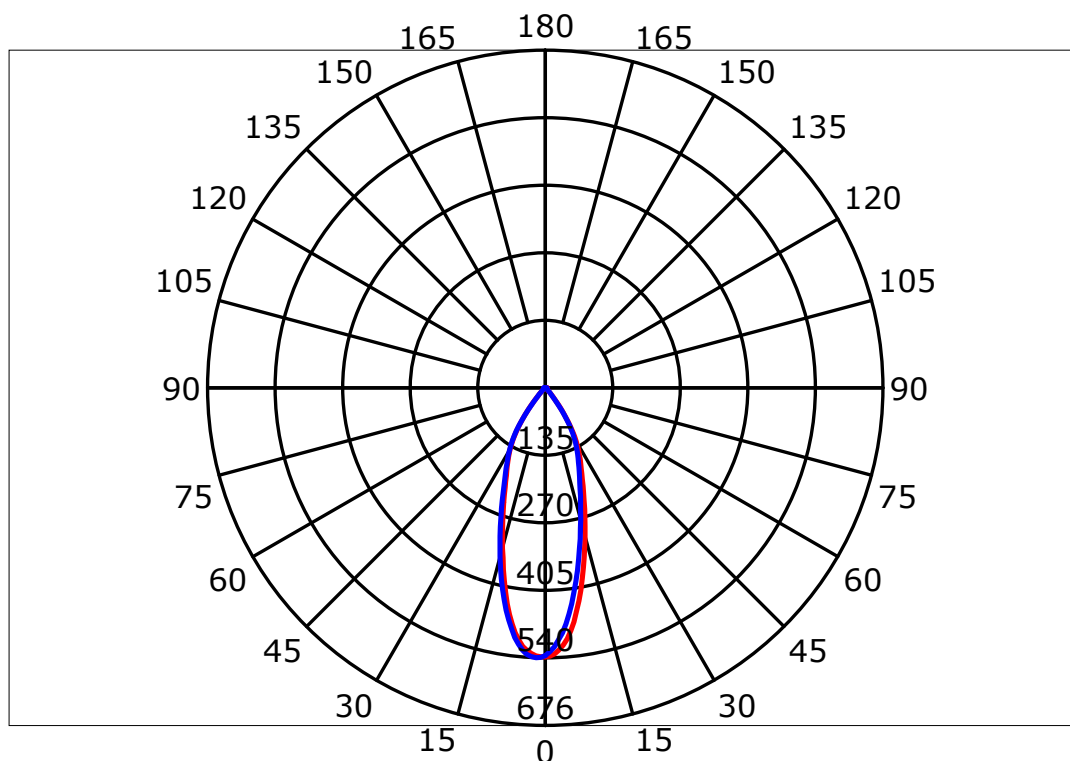
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

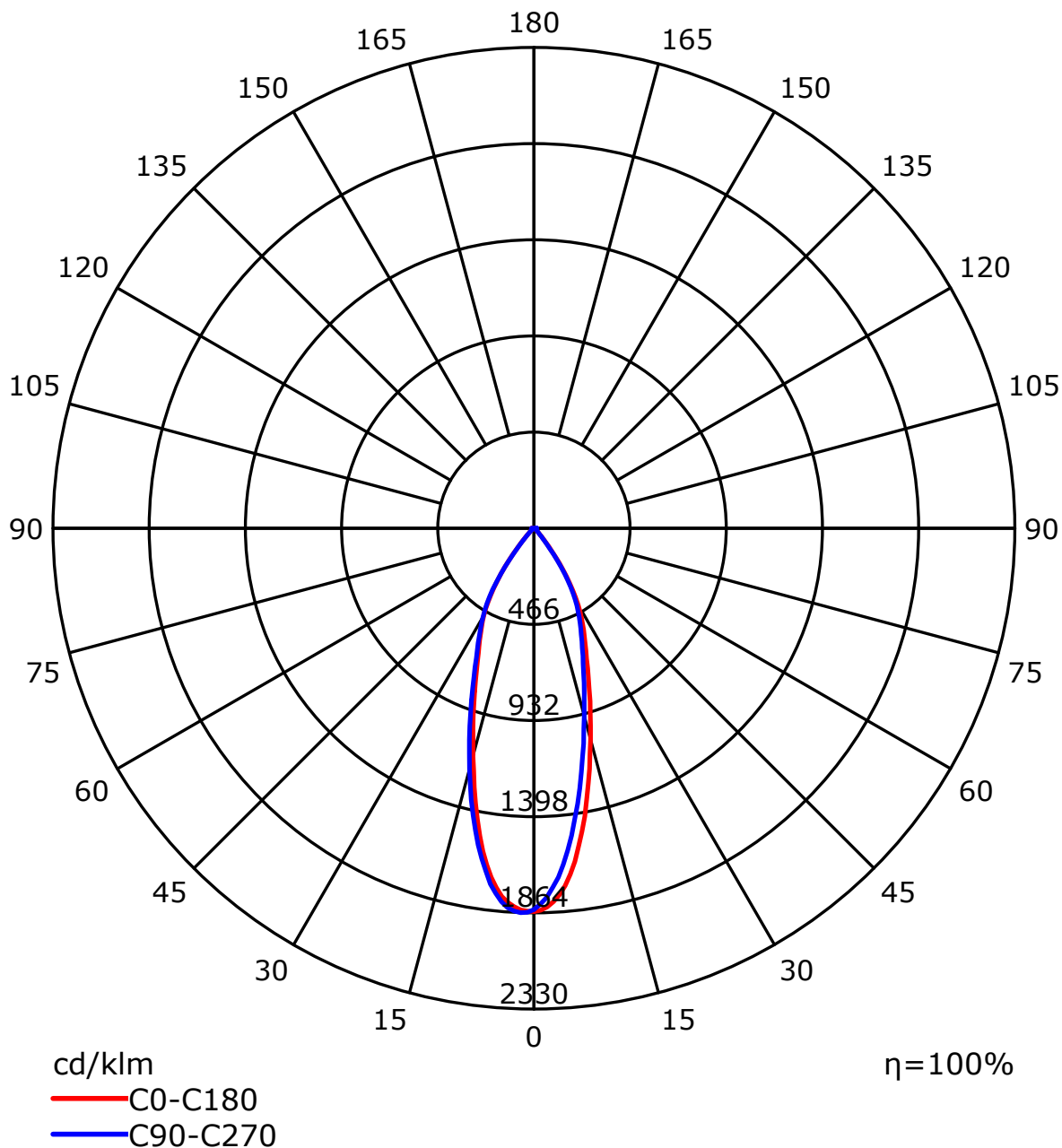
Luminous Intensity Distribution Curve



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)



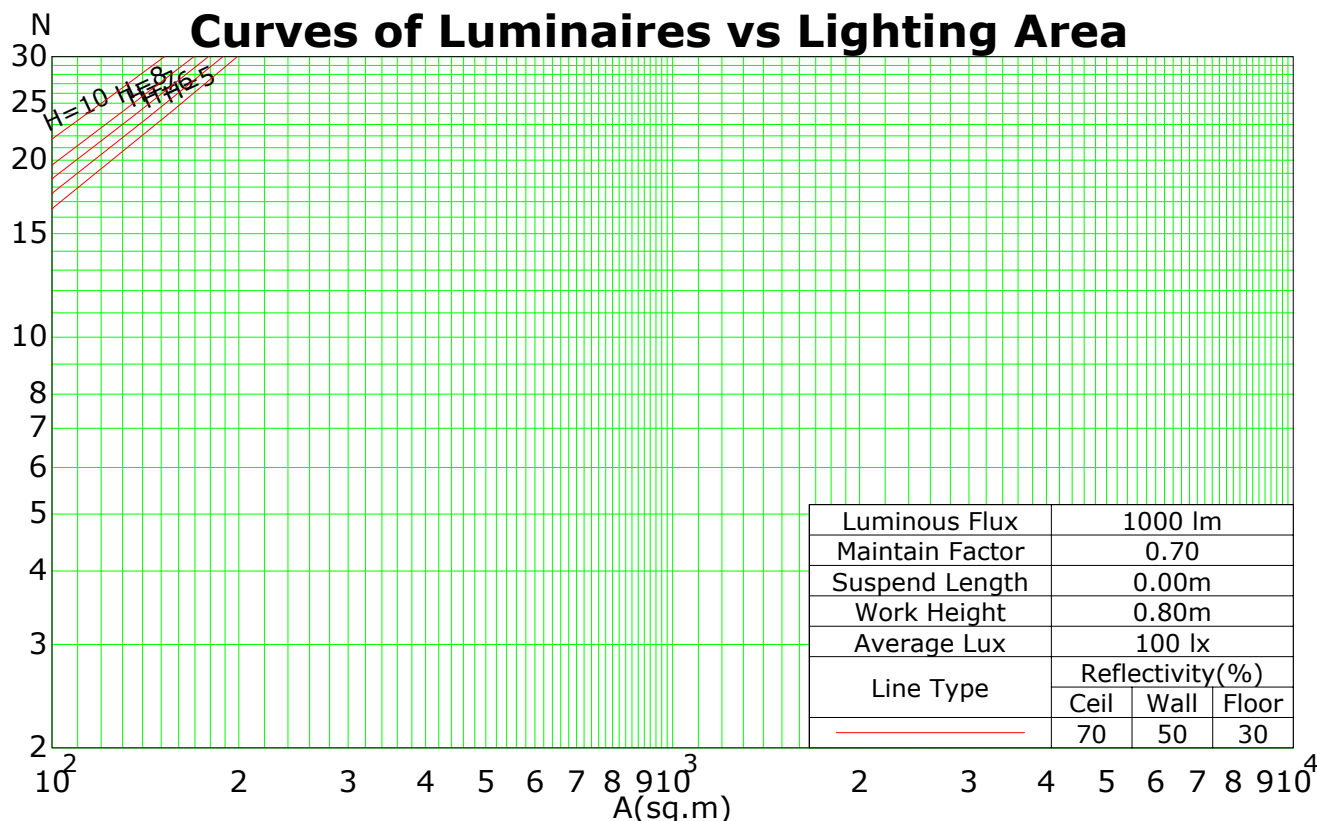
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	110	110	110	105	105	105	101	101	101	99
1	113	110	107	105	110	107	105	103	103	101	100	99	98	96	96	94	93	91
2	107	102	98	95	105	100	97	93	97	94	91	94	91	89	91	89	87	85
3	102	96	91	87	100	94	90	86	91	87	84	89	85	83	86	84	81	80
4	97	90	84	80	95	89	83	80	86	82	78	84	80	77	82	79	76	75
5	93	84	79	75	91	83	78	74	82	77	73	80	76	73	78	75	72	70
6	88	80	74	70	87	79	73	70	77	73	69	76	72	68	74	71	68	66
7	84	76	70	66	83	75	69	65	73	69	65	72	68	65	71	67	64	63
8	81	72	66	62	80	71	66	62	70	65	61	69	64	61	68	64	61	59
9	77	68	62	59	76	68	62	59	67	62	58	66	61	58	65	61	58	56
10	74	65	59	56	73	64	59	56	64	59	55	63	58	55	62	58	55	54

Spacing Criteria (0-180): 0.57
Spacing Criteria (90-270): 0.56
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

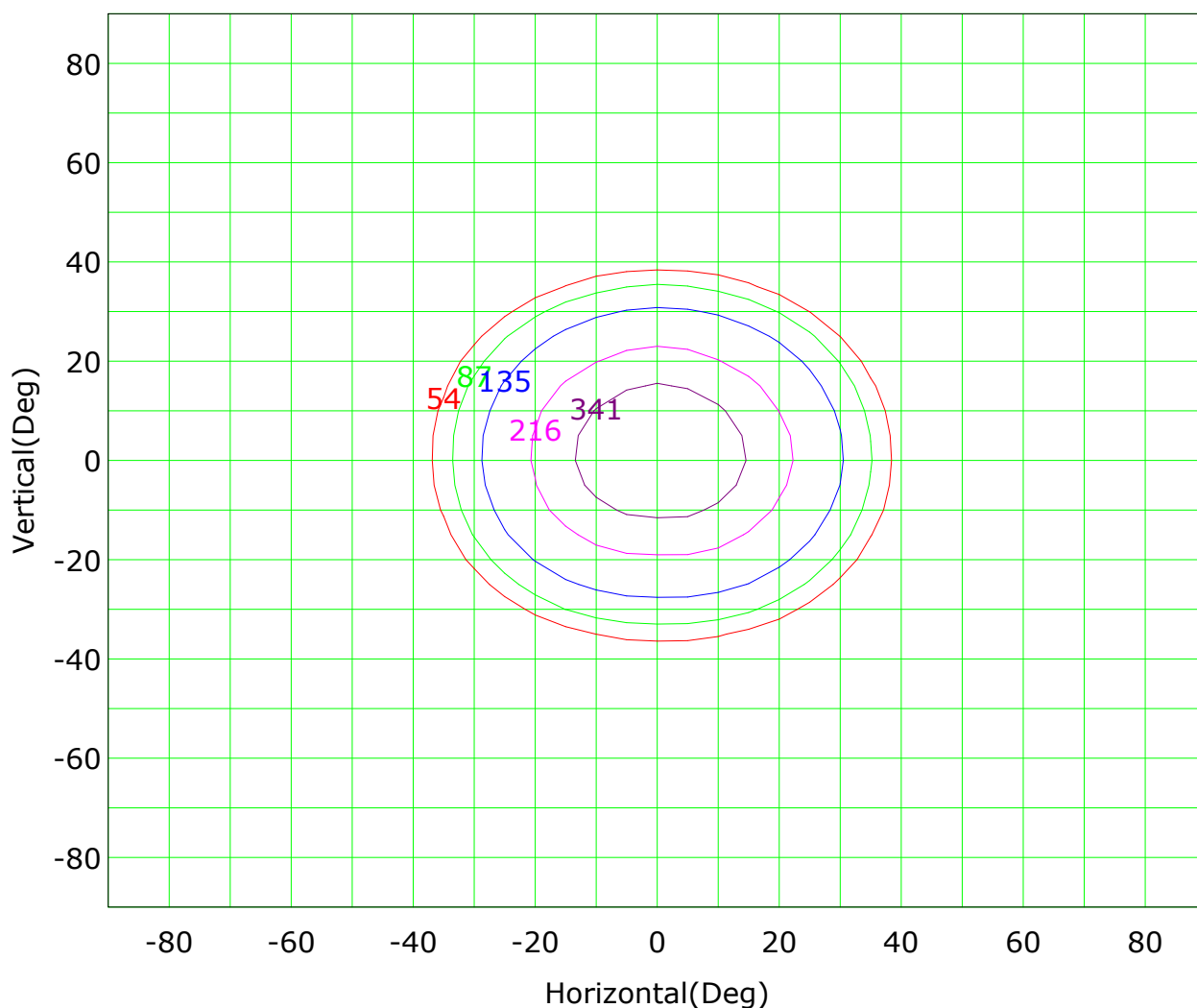
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (rectangle)



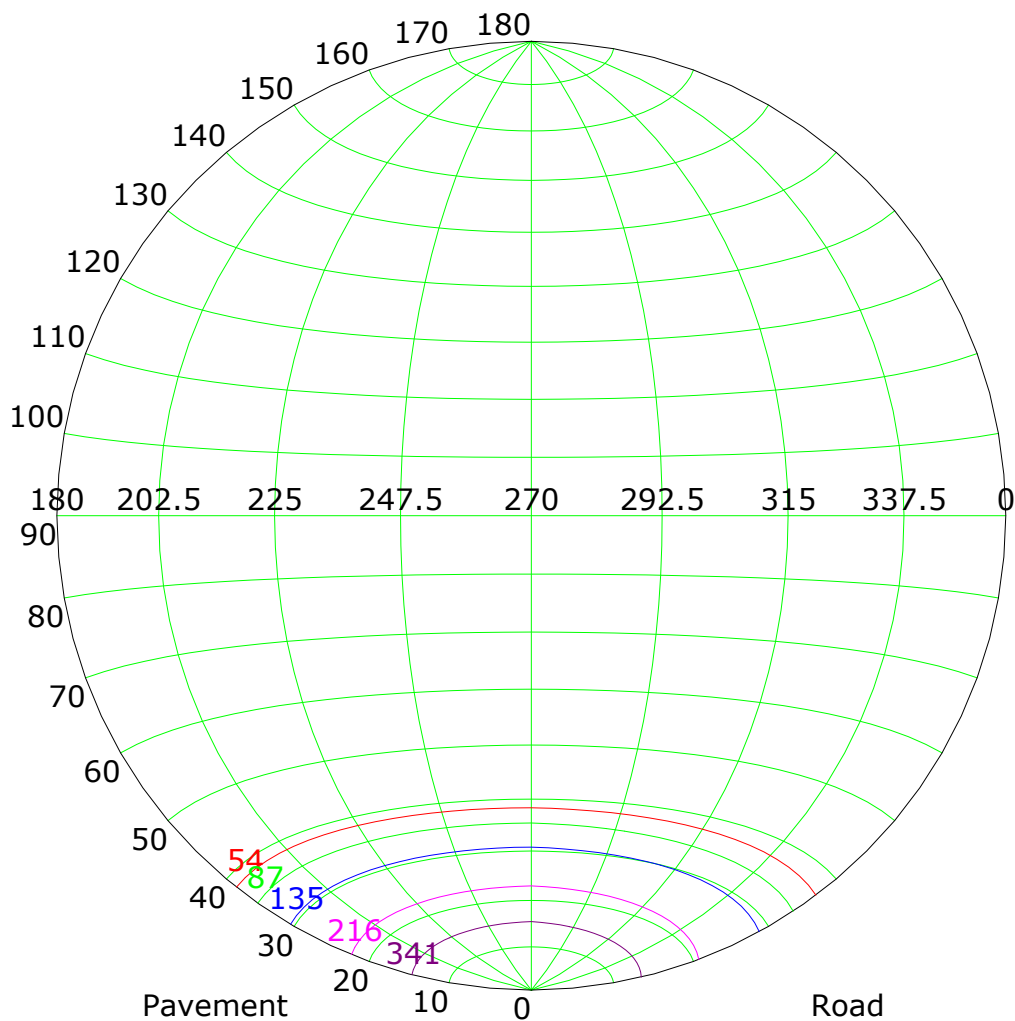
Imax (100%): 541 cd

(10%):	54 cd	(16%):	87 cd
(25%):	135 cd	(40%):	216 cd
(63%):	341 cd	(100%):	541 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)



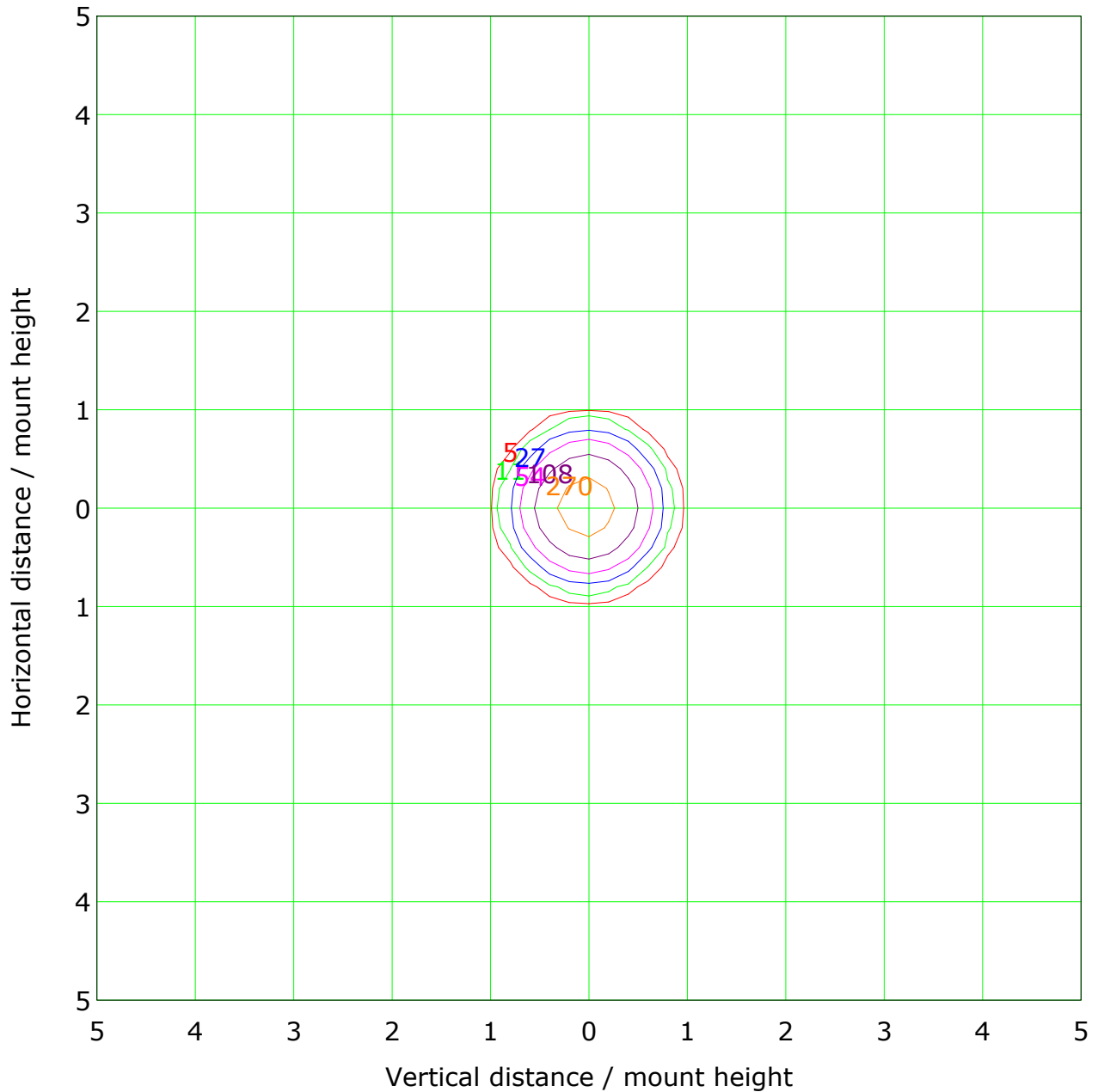
Imax (100%): 541 cd

(10%):	54 cd	(16%):	87 cd
(25%):	135 cd	(40%):	216 cd
(63%):	341 cd	(100%):	541 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%): 540.0 lx

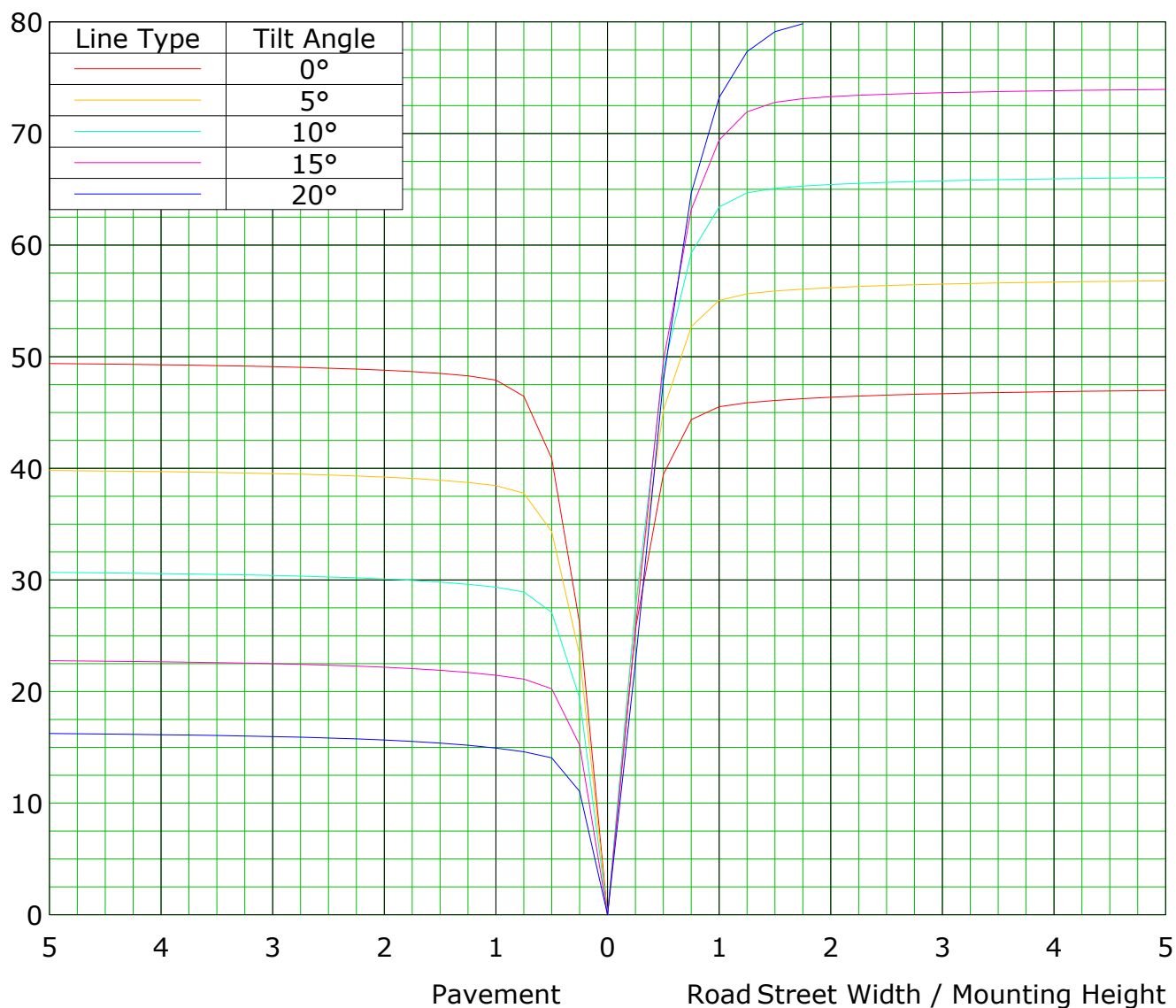
(1%): 5.4 lx	(2%): 10.8 lx
(5%): 27.0 lx	(10%): 54.0 lx
(20%): 108.0 lx	(50%): 270.0 lx
(100%): 540.0 lx	

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

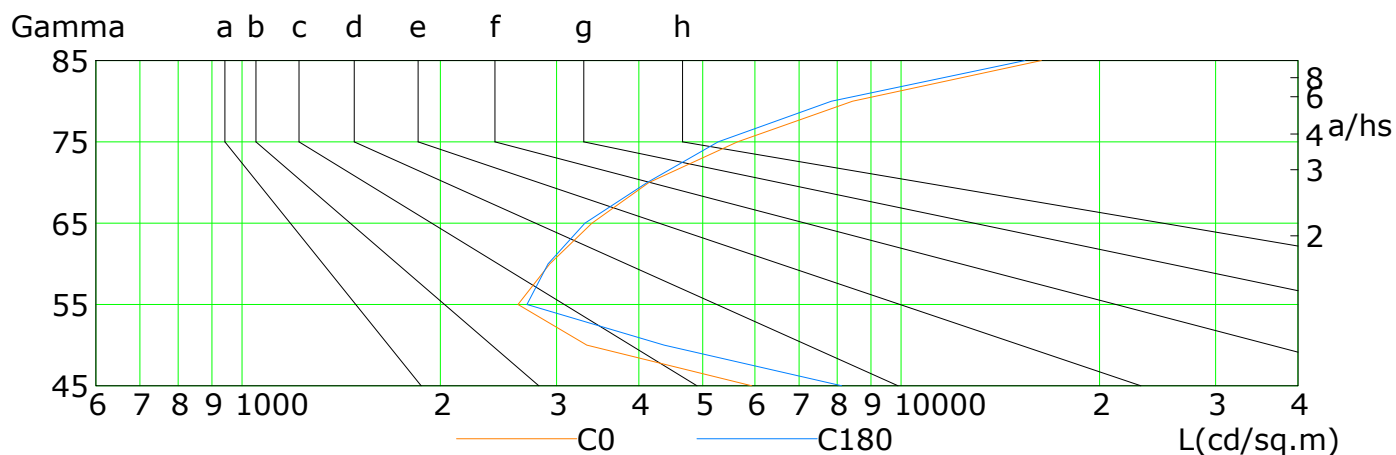
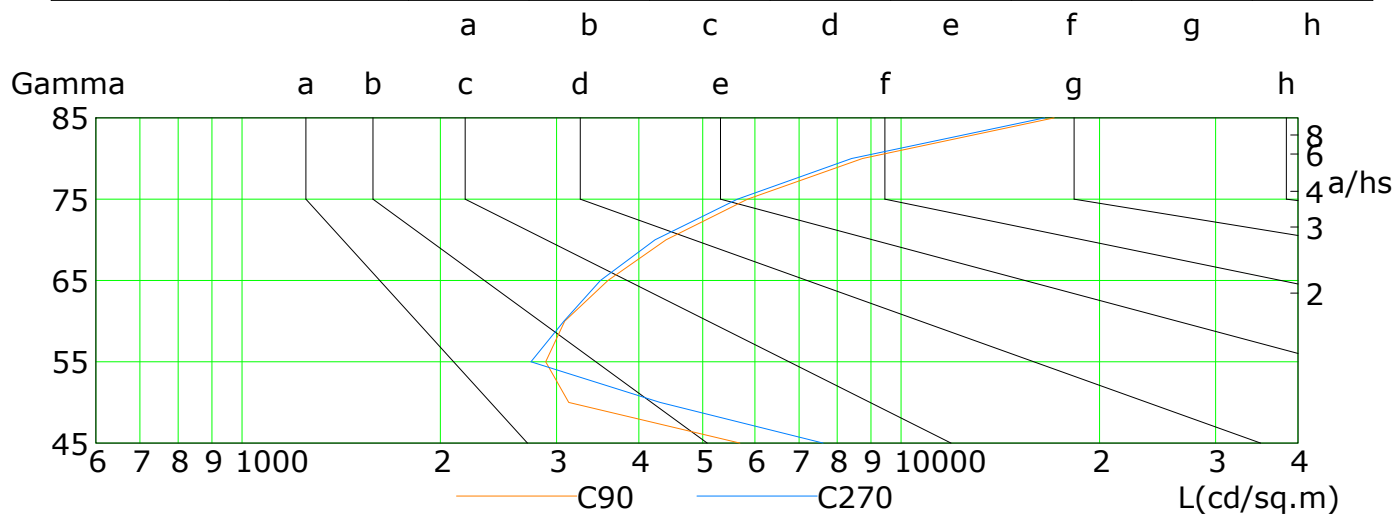
Distance: 8.443 m

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	5934	3335	2623	2930	3395	4144	5644	8438	16313
C90	5694	3132	2888	3087	3590	4398	5846	8738	17061
C180	8123	4370	2706	2913	3313	4119	5275	7837	15415
C270	7612	4309	2744	3078	3498	4233	5644	8413	16512

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

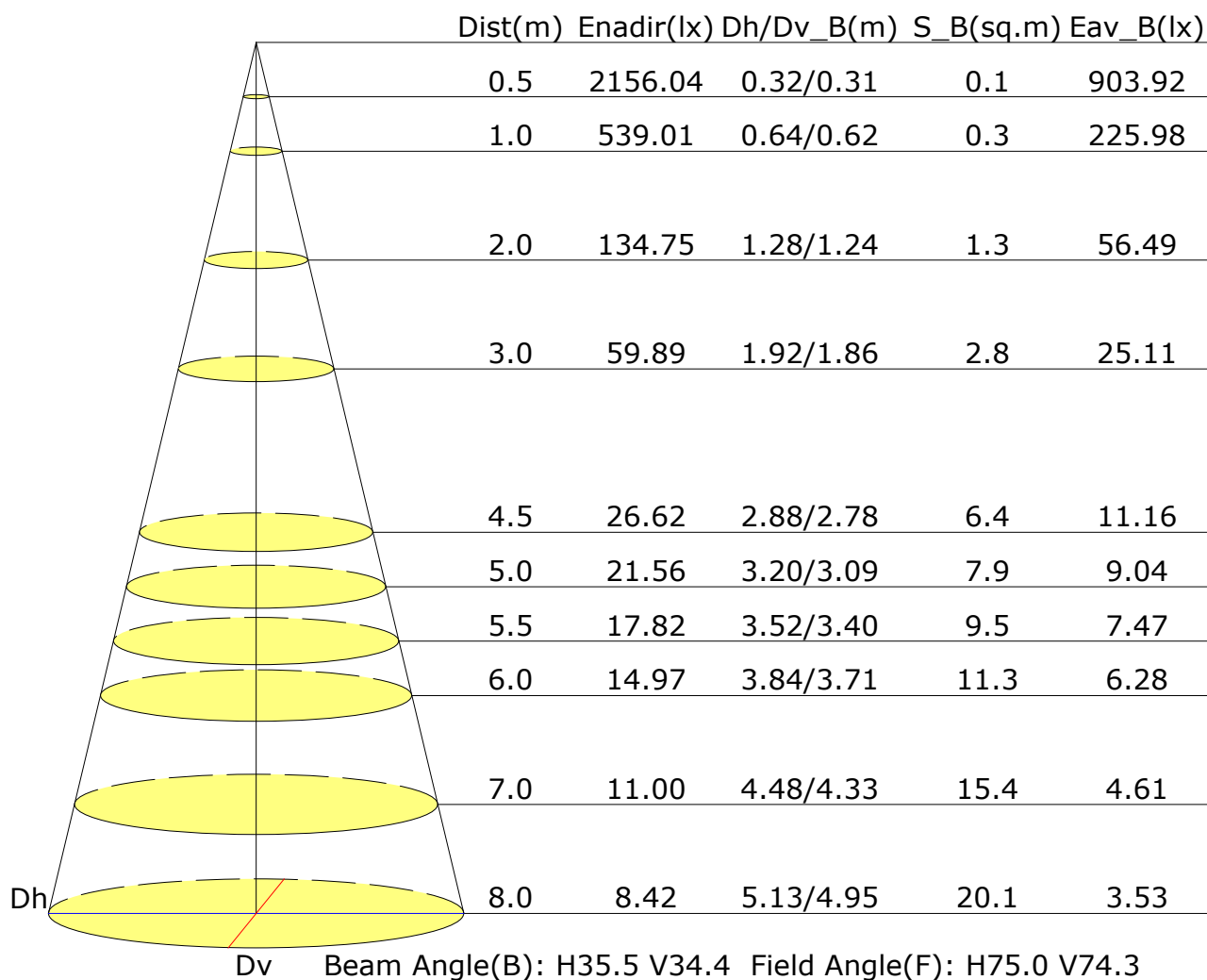
Test Device: GPM-1600L

Distance: 8.443 m

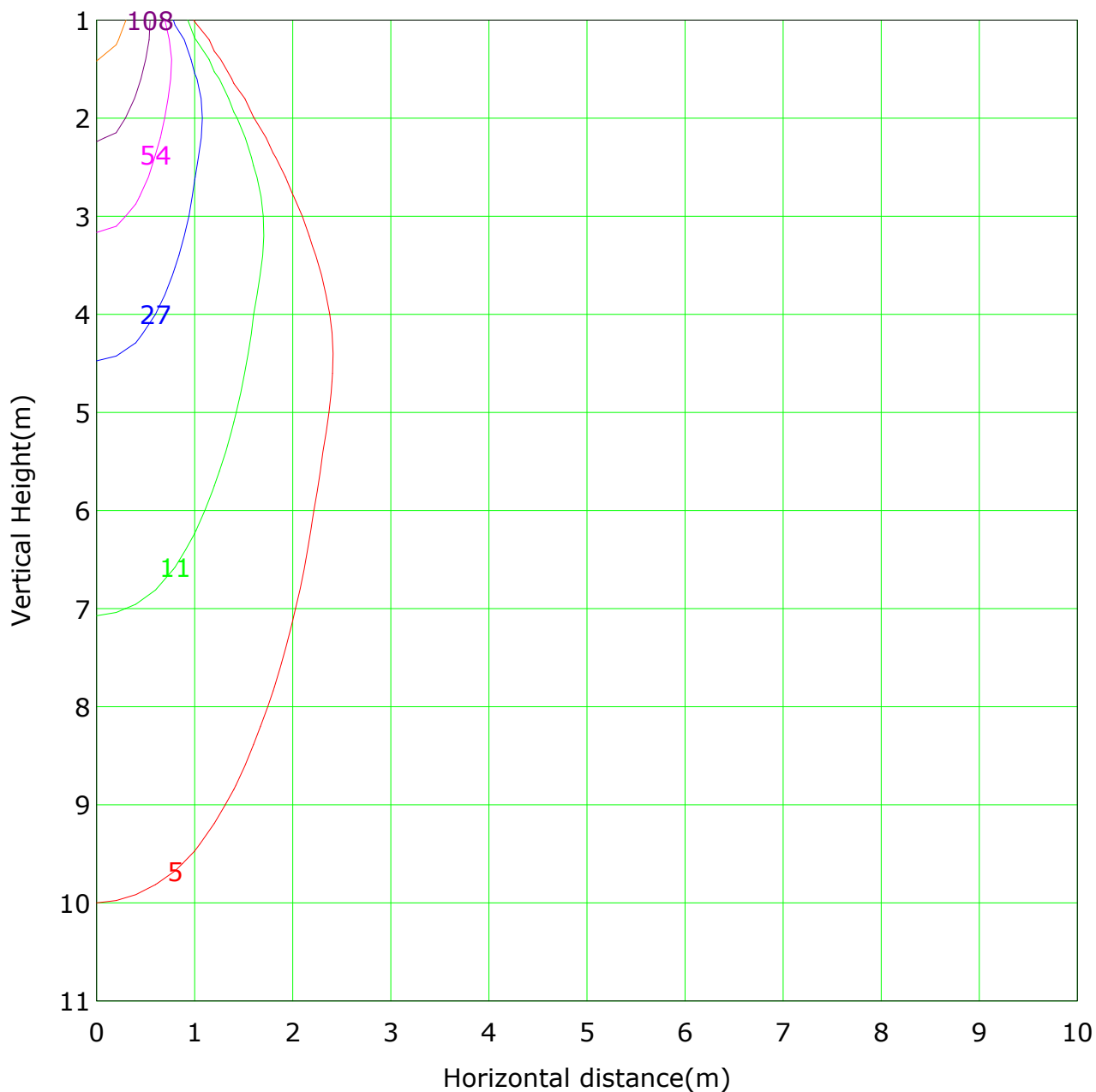
Humidity:

Inspector:

Illuminance at a Distance



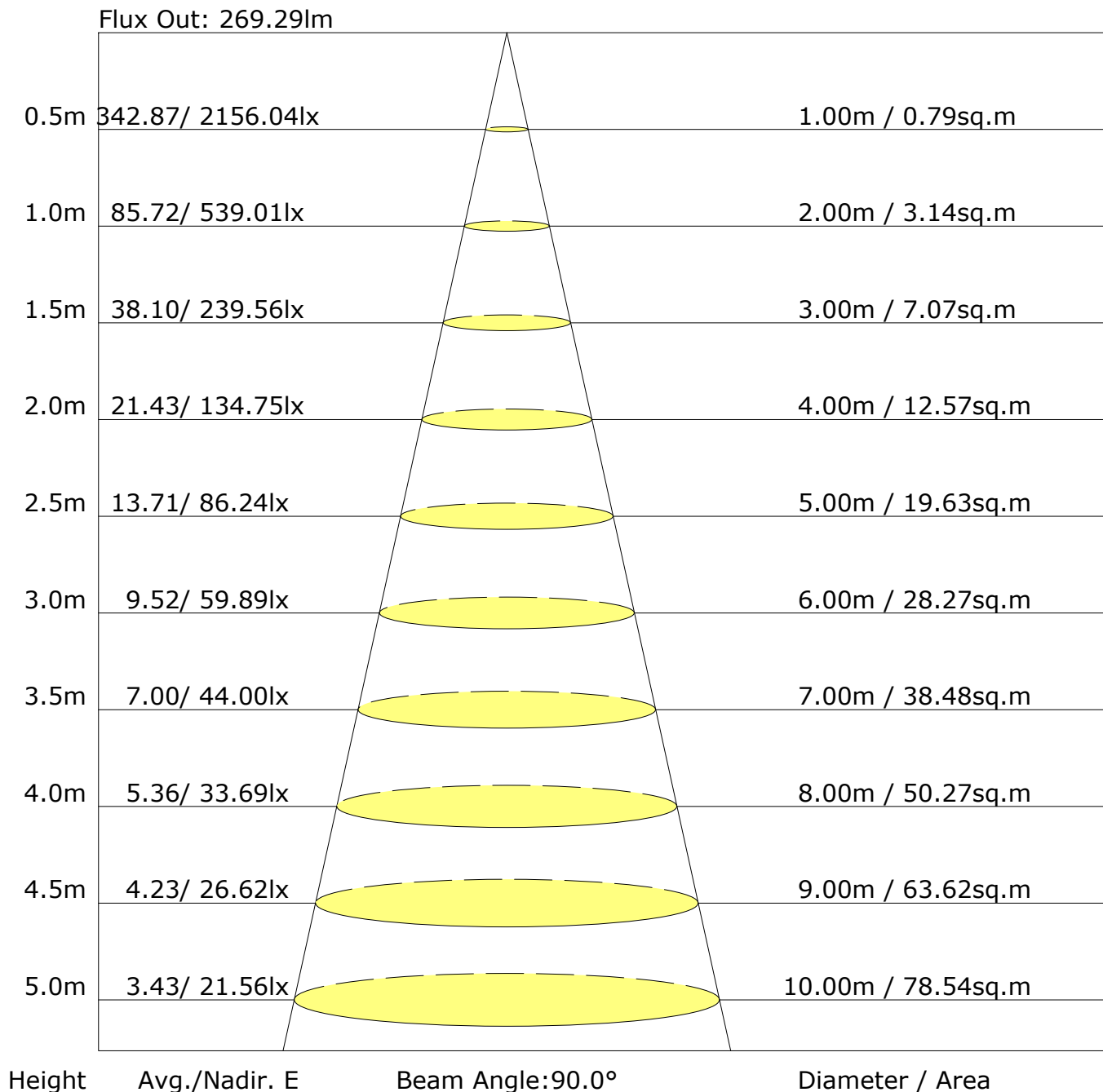
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 539.0 lx
— (1%): 5.4 lx — (2%): 10.8 lx
— (5%): 27.0 lx — (10%): 53.9 lx
— (20%): 107.8 lx — (50%): 269.5 lx
— (100%): 539.0 lx

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	15.1	15.9	15.4	16.1	16.4	15.5	16.3	15.8	16.6	16.8
3H	15.4	16.2	15.8	16.5	16.7	15.8	16.6	16.1	16.9	17.1
4H	15.9	16.6	16.2	16.9	17.2	16.3	17.0	16.6	17.3	17.6
6H	16.7	17.4	17.1	17.7	18.0	17.0	17.7	17.4	18.0	18.3
8H	17.3	17.9	17.7	18.3	18.6	17.6	18.2	18.0	18.6	18.9
12H	18.1	18.7	18.5	19.0	19.4	18.4	19.0	18.8	19.3	19.7
X=4H Y=2H	15.0	15.7	15.4	16.0	16.3	15.4	16.1	15.8	16.4	16.7
3H	15.6	16.3	16.0	16.6	16.9	16.0	16.6	16.4	16.9	17.3
4H	16.3	16.9	16.8	17.3	17.6	16.7	17.2	17.1	17.6	18.0
6H	17.5	18.0	18.0	18.4	18.8	17.8	18.3	18.2	18.7	19.1
8H	18.3	18.8	18.8	19.2	19.6	18.6	19.0	19.0	19.4	19.9
12H	19.4	19.8	19.8	20.2	20.7	19.6	20.0	20.1	20.4	20.9
X=8H Y=4H	16.7	17.2	17.2	17.6	18.0	17.0	17.4	17.4	17.8	18.3
6H	18.2	18.6	18.7	19.0	19.5	18.4	18.8	18.9	19.3	19.7
8H	19.3	19.6	19.8	20.1	20.6	19.5	19.8	20.0	20.3	20.8
12H	20.6	20.9	21.1	21.4	21.9	20.8	21.1	21.3	21.6	22.1
X=12H Y=4H	16.8	17.2	17.3	17.7	18.1	17.1	17.5	17.5	17.9	18.4
6H	18.5	18.8	19.0	19.3	19.8	18.7	19.0	19.2	19.5	20.0
8H	19.6	19.9	20.1	20.4	20.9	19.8	20.1	20.3	20.6	21.1
Variations with the observer position at spacings:										
S=1.0H	+2.5/-1.4					+2.9/-1.7				
S=1.5H	+4.5/-1.8					+5.1/-2.2				
S=2.0H	+6.1/-2.1					+6.8/-2.6				

Calculate in accordance with CIE Pub.117. The table is revised with 290lm ($8\log(F/F_0) = -4.3$).

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

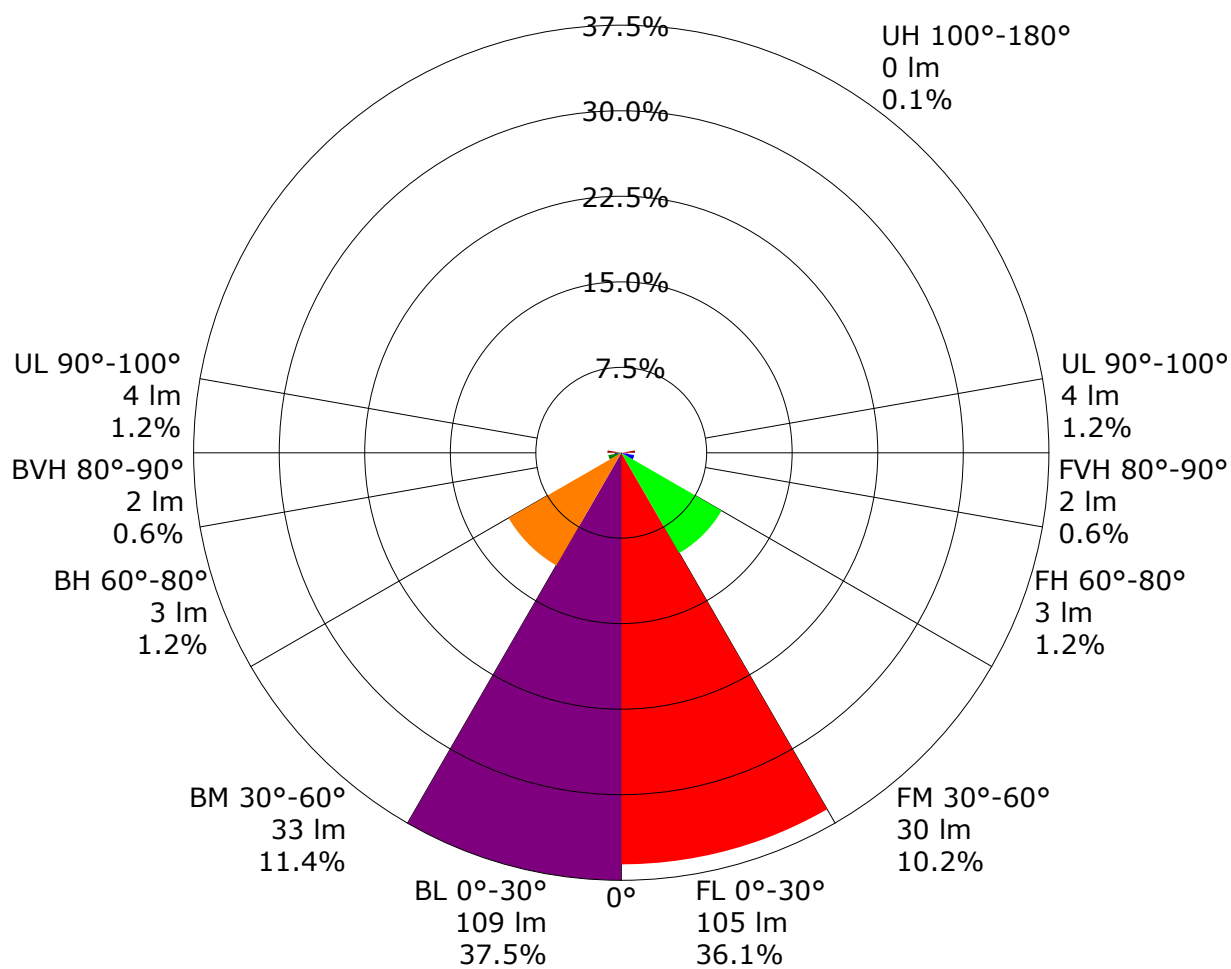
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	139	48.1
	FL (0°-30°)	105	36.1
	FM (30°-60°)	30	10.2
	FH (60°-80°)	3	1.2
	FVH (80°-90°)	2	0.6
	BACK LIGHT	147	50.7
	BL (0°-30°)	109	37.5
	BM (30°-60°)	33	11.4
	BH (60°-80°)	3	1.2
	BVH (80°-90°)	2	0.6
	UP LIGHT	4	1.3
	UL (90°-100°)	4	1.2
	UH (100°-180°)	0	0.1
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 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	0.84	0.90	0.95	0.98	1.02	1.04	1.06	1.09	1.10	
	0.30		0.79	0.86	0.90	0.93	0.98	1.01	1.03	1.06	1.08	
	0.20		0.76	0.82	0.87	0.90	0.95	0.98	1.01	1.04	1.06	
0.50	0.50	0.20	0.83	0.89	0.92	0.95	0.99	1.01	1.02	1.05	1.06	
	0.30		0.78	0.85	0.89	0.92	0.96	0.98	1.00	1.03	1.04	
	0.20		0.75	0.82	0.86	0.89	0.93	0.96	0.98	1.01	1.03	
0.30	0.50	0.20	0.81	0.87	0.90	0.93	0.96	0.98	0.99	1.01	1.02	
	0.30		0.78	0.83	0.87	0.90	0.93	0.96	0.97	0.99	1.01	
	0.20		0.75	0.81	0.85	0.87	0.91	0.94	0.95	0.98	0.99	
0.00	0.00	0.00	0.73	0.79	0.82	0.85	0.88	0.90	0.91	0.93	0.94	
Rating:5W 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	0.60	0.49	0.41	0.36	0.28	0.24	0.20	0.16	0.13	
	0.30		0.50	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.12	
	0.20		0.43	0.36	0.32	0.28	0.23	0.20	0.18	0.14	0.12	
0.50	0.50	0.20	0.57	0.46	0.38	0.33	0.26	0.26	0.19	0.15	0.12	
	0.30		0.48	0.40	0.34	0.30	0.24	0.20	0.18	0.14	0.11	
	0.20		0.42	0.35	0.30	0.27	0.22	0.19	0.16	0.13	0.11	
0.30	0.50	0.20	0.54	0.43	0.36	0.31	0.24	0.20	0.17	0.13	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	0.34	0.29	0.26	0.21	0.18	0.15	0.12	0.10	
0.00	0.00	0.00	0.27	0.21	0.18	0.15	0.12	0.10	0.09	0.07	0.06	
Rating:5W 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	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	
	0.30		0.10	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19	
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.19	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.30	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	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:5W 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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	536.9	0.5	0.5	0.18	0.18
1.0-2.0	534.4	1.5	2.0	0.53	0.71
2.0-3.0	529.2	2.5	4.6	0.87	1.58
3.0-4.0	521.8	3.5	8.1	1.20	2.78
4.0-5.0	512.2	4.4	12.5	1.52	4.30
5.0-6.0	499.4	5.2	17.7	1.81	6.11
6.0-7.0	484.3	6.0	23.7	2.07	8.18
7.0-8.0	466.9	6.7	30.4	2.30	10.49
8.0-9.0	448.0	7.3	37.7	2.50	12.99
9.0-10.0	428.6	7.8	45.4	2.67	15.66
10.0-11.0	407.7	8.1	53.6	2.81	18.47
11.0-12.0	386.5	8.4	62.0	2.91	21.38
12.0-13.0	366.1	8.7	70.7	2.99	24.38
13.0-14.0	345.3	8.8	79.6	3.05	27.42
14.0-15.0	325.2	8.9	88.5	3.08	30.50
15.0-16.0	306.3	9.0	97.5	3.09	33.59
16.0-17.0	288.0	9.0	106.4	3.09	36.69
17.0-18.0	271.3	8.9	115.4	3.08	39.77
18.0-19.0	254.8	8.9	124.3	3.06	42.83
19.0-20.0	239.2	8.8	133.0	3.02	45.84
20.0-21.0	225.1	8.6	141.7	2.98	48.82
21.0-22.0	211.7	8.5	150.2	2.93	51.76
22.0-23.0	199.6	8.4	158.5	2.89	54.64
23.0-24.0	188.6	8.2	166.8	2.84	57.49
24.0-25.0	178.6	8.1	174.9	2.80	60.28
25.0-26.0	169.6	8.0	182.9	2.76	63.04
26.0-27.0	160.7	7.9	190.8	2.71	65.75
27.0-28.0	152.2	7.7	198.5	2.66	68.41
28.0-29.0	144.0	7.5	206.0	2.60	71.01
29.0-30.0	135.4	7.3	213.3	2.52	73.53
30.0-31.0	126.4	7.0	220.4	2.43	75.95
31.0-32.0	116.9	6.7	227.1	2.31	78.26
32.0-33.0	106.8	6.3	233.4	2.17	80.43
33.0-34.0	96.5	5.8	239.2	2.01	82.44
34.0-35.0	85.4	5.3	244.5	1.83	84.27
35.0-36.0	74.0	4.7	249.2	1.63	85.89

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	63.4	4.1	253.3	1.42	87.32
37.0-38.0	52.8	3.5	256.9	1.22	88.53
38.0-39.0	43.2	3.0	259.8	1.02	89.55
39.0-40.0	34.8	2.4	262.3	0.84	90.39
40.0-41.0	27.8	2.0	264.2	0.68	91.07
41.0-42.0	22.5	1.6	265.9	0.56	91.64
42.0-43.0	18.3	1.4	267.2	0.47	92.10
43.0-44.0	14.8	1.1	268.3	0.39	92.49
44.0-45.0	12.3	0.9	269.3	0.33	92.81
45.0-46.0	10.3	0.8	270.1	0.28	93.09
46.0-47.0	9.0	0.7	270.8	0.25	93.34
47.0-48.0	8.0	0.6	271.5	0.22	93.56
48.0-49.0	7.0	0.6	272.0	0.20	93.76
49.0-50.0	6.1	0.5	272.5	0.17	93.94
50.0-51.0	5.1	0.4	273.0	0.15	94.08
51.0-52.0	4.3	0.4	273.3	0.13	94.21
52.0-53.0	3.9	0.3	273.7	0.12	94.33
53.0-54.0	3.7	0.3	274.0	0.11	94.44
54.0-55.0	3.6	0.3	274.3	0.11	94.55
55.0-56.0	3.6	0.3	274.7	0.11	94.67
56.0-57.0	3.6	0.3	275.0	0.11	94.78
57.0-58.0	3.6	0.3	275.3	0.11	94.89
58.0-59.0	3.5	0.3	275.6	0.11	95.00
59.0-60.0	3.5	0.3	276.0	0.11	95.12
60.0-61.0	3.4	0.3	276.3	0.11	95.23
61.0-62.0	3.4	0.3	276.6	0.11	95.34
62.0-63.0	3.4	0.3	277.0	0.11	95.46
63.0-64.0	3.4	0.3	277.3	0.11	95.57
64.0-65.0	3.4	0.3	277.6	0.11	95.69
65.0-66.0	3.4	0.3	278.0	0.12	95.80
66.0-67.0	3.4	0.3	278.3	0.12	95.92
67.0-68.0	3.3	0.3	278.6	0.12	96.04
68.0-69.0	3.3	0.3	279.0	0.12	96.15
69.0-70.0	3.3	0.3	279.3	0.12	96.27
70.0-71.0	3.3	0.3	279.7	0.12	96.39
71.0-72.0	3.3	0.3	280.0	0.12	96.51

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	280.4	0.12	96.63
73.0-74.0	3.3	0.3	280.7	0.12	96.75
74.0-75.0	3.3	0.4	281.1	0.12	96.87
75.0-76.0	3.3	0.4	281.4	0.12	96.99
76.0-77.0	3.3	0.4	281.8	0.12	97.11
77.0-78.0	3.3	0.4	282.1	0.12	97.23
78.0-79.0	3.3	0.4	282.5	0.12	97.35
79.0-80.0	3.3	0.4	282.8	0.12	97.48
80.0-81.0	3.3	0.4	283.2	0.12	97.60
81.0-82.0	3.3	0.4	283.5	0.12	97.72
82.0-83.0	3.3	0.4	283.9	0.12	97.85
83.0-84.0	3.3	0.4	284.2	0.12	97.97
84.0-85.0	3.3	0.4	284.6	0.12	98.09
85.0-86.0	3.3	0.4	285.0	0.12	98.22
86.0-87.0	3.3	0.4	285.3	0.12	98.34
87.0-88.0	3.3	0.4	285.7	0.12	98.46
88.0-89.0	3.3	0.4	286.0	0.12	98.59
89.0-90.0	3.3	0.4	286.4	0.12	98.71
90.0-91.0	3.3	0.4	286.8	0.12	98.83
91.0-92.0	3.3	0.4	287.1	0.12	98.96
92.0-93.0	3.3	0.4	287.5	0.12	99.08
93.0-94.0	3.3	0.4	287.8	0.12	99.20
94.0-95.0	3.3	0.4	288.2	0.12	99.33
95.0-96.0	3.3	0.4	288.5	0.12	99.45
96.0-97.0	3.2	0.4	288.9	0.12	99.57
97.0-98.0	3.2	0.4	289.3	0.12	99.69
98.0-99.0	3.3	0.4	289.6	0.12	99.82
99.0-100.0	3.3	0.4	290.0	0.12	99.94
100.0-101.0	1.6	0.2	290.1	0.06	100.00
101.0-102.0	0.0	0.0	290.1	0.00	100.00
102.0-103.0	0.0	0.0	290.1	0.00	100.00
103.0-104.0	0.0	0.0	290.1	0.00	100.00
104.0-105.0	0.0	0.0	290.1	0.00	100.00
105.0-106.0	0.0	0.0	290.1	0.00	100.00
106.0-107.0	0.0	0.0	290.1	0.00	100.00
107.0-108.0	0.0	0.0	290.1	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	290.1	0.00	100.00
109.0-110.0	0.0	0.0	290.1	0.00	100.00
110.0-111.0	0.0	0.0	290.1	0.00	100.00
111.0-112.0	0.0	0.0	290.1	0.00	100.00
112.0-113.0	0.0	0.0	290.1	0.00	100.00
113.0-114.0	0.0	0.0	290.1	0.00	100.00
114.0-115.0	0.0	0.0	290.1	0.00	100.00
115.0-116.0	0.0	0.0	290.1	0.00	100.00
116.0-117.0	0.0	0.0	290.1	0.00	100.00
117.0-118.0	0.0	0.0	290.1	0.00	100.00
118.0-119.0	0.0	0.0	290.1	0.00	100.00
119.0-120.0	0.0	0.0	290.1	0.00	100.00
120.0-121.0	0.0	0.0	290.1	0.00	100.00
121.0-122.0	0.0	0.0	290.1	0.00	100.00
122.0-123.0	0.0	0.0	290.1	0.00	100.00
123.0-124.0	0.0	0.0	290.1	0.00	100.00
124.0-125.0	0.0	0.0	290.1	0.00	100.00
125.0-126.0	0.0	0.0	290.1	0.00	100.00
126.0-127.0	0.0	0.0	290.1	0.00	100.00
127.0-128.0	0.0	0.0	290.1	0.00	100.00
128.0-129.0	0.0	0.0	290.1	0.00	100.00
129.0-130.0	0.0	0.0	290.1	0.00	100.00
130.0-131.0	0.0	0.0	290.1	0.00	100.00
131.0-132.0	0.0	0.0	290.1	0.00	100.00
132.0-133.0	0.0	0.0	290.1	0.00	100.00
133.0-134.0	0.0	0.0	290.1	0.00	100.00
134.0-135.0	0.0	0.0	290.1	0.00	100.00
135.0-136.0	0.0	0.0	290.1	0.00	100.00
136.0-137.0	0.0	0.0	290.1	0.00	100.00
137.0-138.0	0.0	0.0	290.1	0.00	100.00
138.0-139.0	0.0	0.0	290.1	0.00	100.00
139.0-140.0	0.0	0.0	290.1	0.00	100.00
140.0-141.0	0.0	0.0	290.1	0.00	100.00
141.0-142.0	0.0	0.0	290.1	0.00	100.00
142.0-143.0	0.0	0.0	290.1	0.00	100.00
143.0-144.0	0.0	0.0	290.1	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	290.1	0.00	100.00
145.0-146.0	0.0	0.0	290.1	0.00	100.00
146.0-147.0	0.0	0.0	290.1	0.00	100.00
147.0-148.0	0.0	0.0	290.1	0.00	100.00
148.0-149.0	0.0	0.0	290.1	0.00	100.00
149.0-150.0	0.0	0.0	290.1	0.00	100.00
150.0-151.0	0.0	0.0	290.1	0.00	100.00
151.0-152.0	0.0	0.0	290.1	0.00	100.00
152.0-153.0	0.0	0.0	290.1	0.00	100.00
153.0-154.0	0.0	0.0	290.1	0.00	100.00
154.0-155.0	0.0	0.0	290.1	0.00	100.00
155.0-156.0	0.0	0.0	290.1	0.00	100.00
156.0-157.0	0.0	0.0	290.1	0.00	100.00
157.0-158.0	0.0	0.0	290.1	0.00	100.00
158.0-159.0	0.0	0.0	290.1	0.00	100.00
159.0-160.0	0.0	0.0	290.1	0.00	100.00
160.0-161.0	0.0	0.0	290.1	0.00	100.00
161.0-162.0	0.0	0.0	290.1	0.00	100.00
162.0-163.0	0.0	0.0	290.1	0.00	100.00
163.0-164.0	0.0	0.0	290.1	0.00	100.00
164.0-165.0	0.0	0.0	290.1	0.00	100.00
165.0-166.0	0.0	0.0	290.1	0.00	100.00
166.0-167.0	0.0	0.0	290.1	0.00	100.00
167.0-168.0	0.0	0.0	290.1	0.00	100.00
168.0-169.0	0.0	0.0	290.1	0.00	100.00
169.0-170.0	0.0	0.0	290.1	0.00	100.00
170.0-171.0	0.0	0.0	290.1	0.00	100.00
171.0-172.0	0.0	0.0	290.1	0.00	100.00
172.0-173.0	0.0	0.0	290.1	0.00	100.00
173.0-174.0	0.0	0.0	290.1	0.00	100.00
174.0-175.0	0.0	0.0	290.1	0.00	100.00
175.0-176.0	0.0	0.0	290.1	0.00	100.00
176.0-177.0	0.0	0.0	290.1	0.00	100.00
177.0-178.0	0.0	0.0	290.1	0.00	100.00
178.0-179.0	0.0	0.0	290.1	0.00	100.00
179.0-180.0	0.0	0.0	290.1	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	539.0	536.3	539.0	536.3	539.0					
G1.0	537.3	528.7	538.5	540.0	537.3					
G2.0	533.0	519.5	537.2	541.0	533.0					
G3.0	525.8	505.6	532.9	539.0	525.8					
G4.0	516.5	492.0	527.4	534.9	516.5					
G5.0	504.7	474.7	519.9	527.1	504.7					
G6.0	489.3	455.4	507.9	516.1	489.3					
G7.0	472.1	435.3	494.5	504.0	472.1					
G8.0	451.3	412.8	477.9	487.0	451.3					
G9.0	432.0	392.5	459.8	470.4	432.0					
G10.0	411.5	371.2	439.3	452.3	411.5					
G11.0	388.3	349.4	417.4	432.5	388.3					
G12.0	367.4	329.1	395.4	412.5	367.4					
G13.0	347.4	310.8	373.9	392.2	347.4					
G14.0	326.1	290.1	350.7	371.0	326.1					
G15.0	307.9	273.7	331.9	350.4	307.9					
G16.0	288.9	256.6	310.9	329.9	288.9					
G17.0	271.3	242.1	293.6	310.8	271.3					
G18.0	255.7	228.2	276.4	292.1	255.7					
G19.0	238.6	214.3	259.4	273.5	238.6					
G20.0	224.1	202.3	244.1	256.8	224.1					
G21.0	211.1	192.1	229.6	241.1	211.1					
G22.0	197.6	181.5	215.6	225.4	197.6					
G23.0	187.2	173.0	204.1	212.4	187.2					
G24.0	177.0	163.7	192.2	199.4	177.0					
G25.0	167.9	156.0	183.2	189.1	167.9					
G26.0	159.4	148.1	174.2	179.2	159.4					
G27.0	150.3	140.1	165.3	169.1	150.3					
G28.0	142.1	132.4	157.3	160.7	142.1					
G29.0	133.5	124.5	149.1	152.2	133.5					
G30.0	124.0	115.9	140.5	143.3	124.0					
G31.0	113.9	107.3	131.8	134.7	113.9					
G32.0	102.9	97.7	121.7	125.1	102.9					
G33.0	92.6	87.8	111.5	115.1	92.6					
G34.0	81.8	77.9	100.9	104.6	81.8					
G35.0	70.8	66.5	88.9	91.7	70.8					
G36.0	60.8	55.7	78.3	79.6	60.8					

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	50.9	45.7	67.9	67.9	50.9					
G38.0	41.3	35.7	57.2	56.0	41.3					
G39.0	33.5	28.8	47.5	45.8	33.5					
G40.0	26.1	22.8	38.3	36.0	26.1					
G41.0	21.1	18.7	30.7	28.8	21.1					
G42.0	17.3	15.4	24.9	23.4	17.3					
G43.0	13.8	12.7	19.7	18.8	13.8					
G44.0	11.4	10.7	16.2	15.4	11.4					
G45.0	9.6	9.3	13.2	12.4	9.6					
G46.0	8.5	8.3	11.1	10.3	8.5					
G47.0	7.7	7.6	9.8	8.9	7.7					
G48.0	6.8	6.7	8.5	7.9	6.8					
G49.0	5.9	5.8	7.4	7.1	5.9					
G50.0	4.9	4.6	6.5	6.4	4.9					
G51.0	3.9	4.1	5.0	5.5	3.9					
G52.0	3.7	3.9	4.0	4.4	3.7					
G53.0	3.6	3.9	3.7	3.9	3.6					
G54.0	3.5	3.8	3.6	3.8	3.5					
G55.0	3.5	3.8	3.6	3.6	3.5					
G56.0	3.4	3.7	3.5	3.5	3.4					
G57.0	3.4	3.7	3.5	3.7	3.4					
G58.0	3.5	3.7	3.5	3.6	3.5					
G59.0	3.4	3.6	3.4	3.5	3.4					
G60.0	3.4	3.5	3.3	3.5	3.4					
G61.0	3.3	3.5	3.4	3.5	3.3					
G62.0	3.3	3.6	3.3	3.5	3.3					
G63.0	3.3	3.5	3.3	3.5	3.3					
G64.0	3.4	3.4	3.3	3.4	3.4					
G65.0	3.3	3.5	3.2	3.4	3.3					
G66.0	3.3	3.5	3.2	3.4	3.3					
G67.0	3.3	3.5	3.3	3.4	3.3					
G68.0	3.3	3.5	3.2	3.4	3.3					
G69.0	3.3	3.5	3.3	3.3	3.3					
G70.0	3.3	3.5	3.2	3.3	3.3					
G71.0	3.3	3.5	3.2	3.3	3.3					
G72.0	3.2	3.5	3.2	3.3	3.2					
G73.0	3.2	3.5	3.1	3.3	3.2					

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	3.3	3.4	3.1	3.4	3.3					
G75.0	3.4	3.5	3.1	3.4	3.4					
G76.0	3.3	3.4	3.1	3.4	3.3					
G77.0	3.3	3.4	3.1	3.3	3.3					
G78.0	3.3	3.5	3.2	3.3	3.3					
G79.0	3.3	3.4	3.1	3.3	3.3					
G80.0	3.4	3.5	3.1	3.4	3.4					
G81.0	3.2	3.5	3.2	3.3	3.2					
G82.0	3.2	3.5	3.1	3.4	3.2					
G83.0	3.3	3.4	3.1	3.4	3.3					
G84.0	3.3	3.4	3.1	3.3	3.3					
G85.0	3.3	3.4	3.1	3.3	3.3					
G86.0	3.2	3.4	3.1	3.4	3.2					
G87.0	3.2	3.4	3.1	3.4	3.2					
G88.0	3.2	3.5	3.0	3.4	3.2					
G89.0	3.2	3.4	3.0	3.3	3.2					
G90.0	3.3	3.5	3.0	3.3	3.3					
G91.0	3.3	3.5	3.0	3.3	3.3					
G92.0	3.2	3.5	3.0	3.3	3.2					
G93.0	3.3	3.4	3.1	3.4	3.3					
G94.0	3.3	3.5	3.1	3.4	3.3					
G95.0	3.2	3.5	3.0	3.3	3.2					
G96.0	3.3	3.4	3.0	3.3	3.3					
G97.0	3.3	3.4	3.0	3.3	3.3					
G98.0	3.3	3.4	3.0	3.3	3.3					
G99.0	3.3	3.5	3.0	3.4	3.3					
G100.0	3.3	3.5	3.1	3.3	3.3					
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: