

Report No.:

Test Time: 2025-11-10 11:39

Luminaire Property

Cod. 80115

Luminaire Manufacturer: NORDECOR
Luminous Length (mm): 50
Voltage: 220.5 V
Power: 4.92 W

Luminous Width (mm): 20
Current: 0.050 A
Power Factor: 0.445

Photometric Results

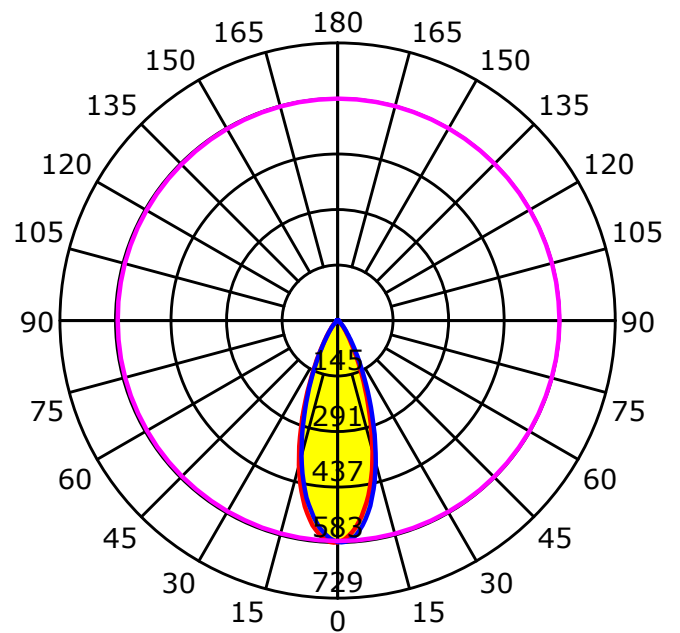
CIE Class: Direct
Measurement Flux: 289.6 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%,80%,100%): H66.3,H36.7,H21.6,H1
Vertical Diffuse Angle(10%,50%,80%,100%): V67.7,V37.2,V21.7,V1
Luminaire Efficacy Rating (LER): 58.90
Max. Intensity: 583.21 cd
S/MH(C0/C180): 0.60

Total Rated Lamp Lumens: 289.6 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 582.29 cd
Pos of Max. Intensity: H180 V1
S/MH(C90/C270): 0.61

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 36.9°

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

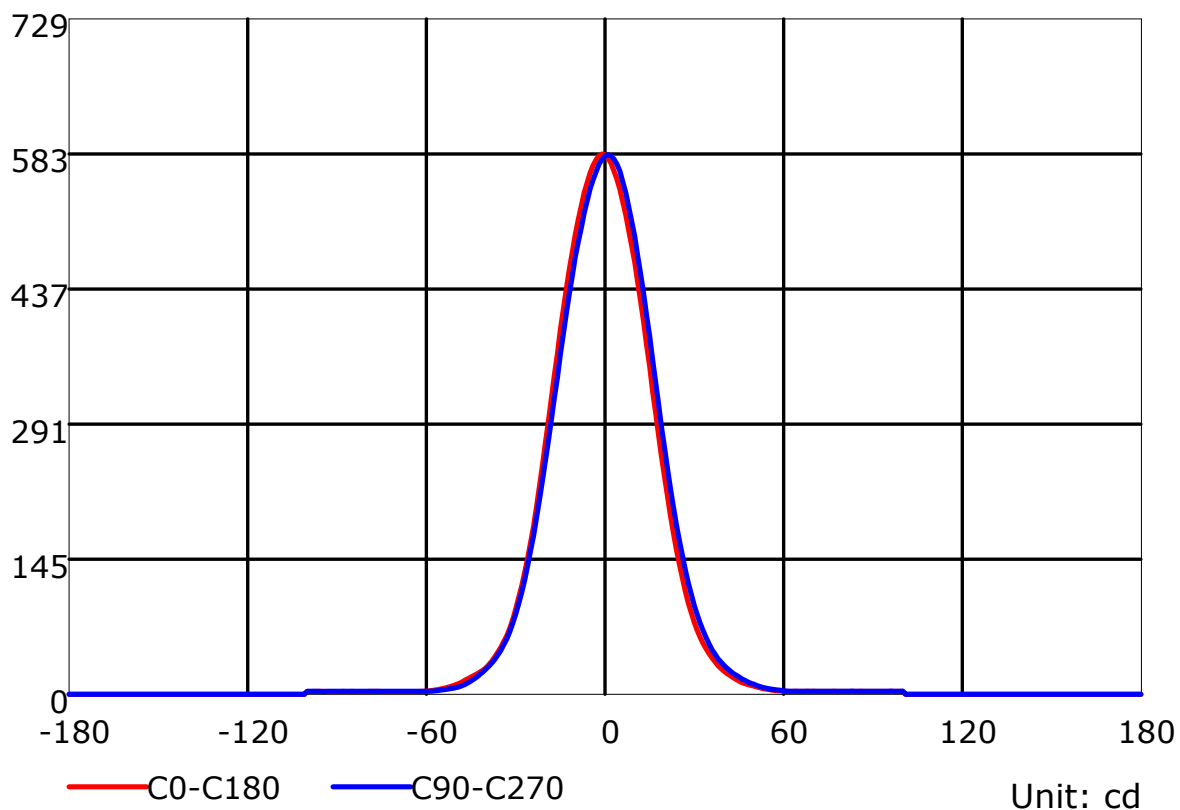
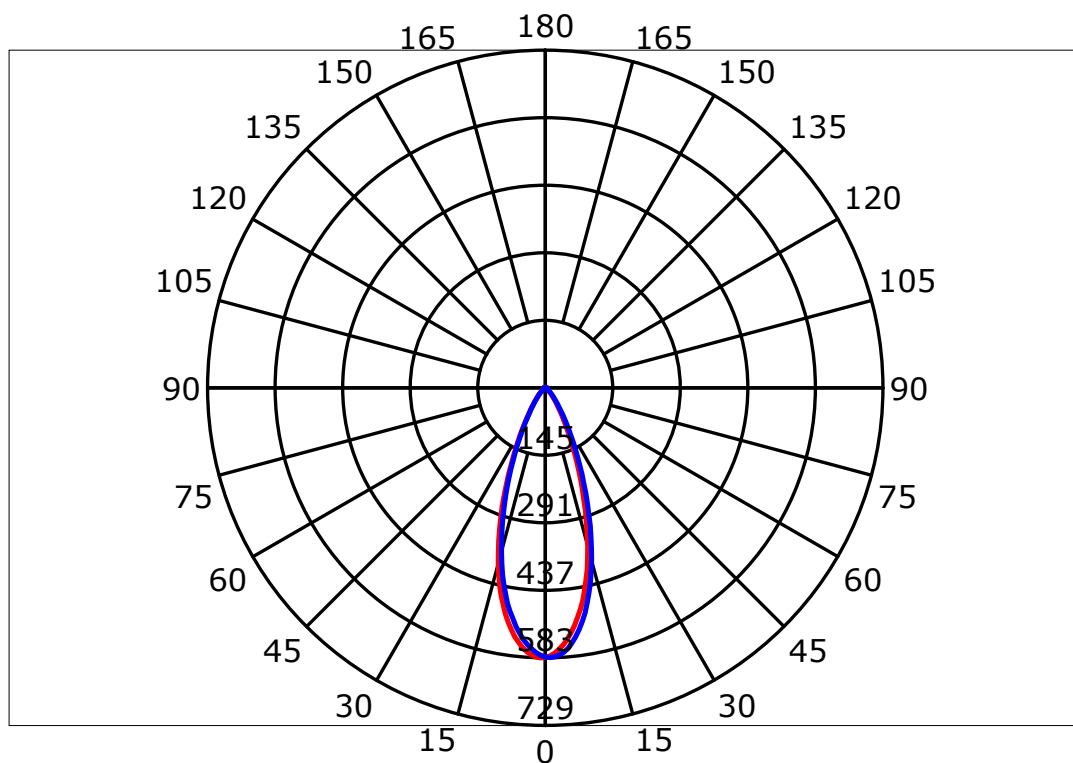
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

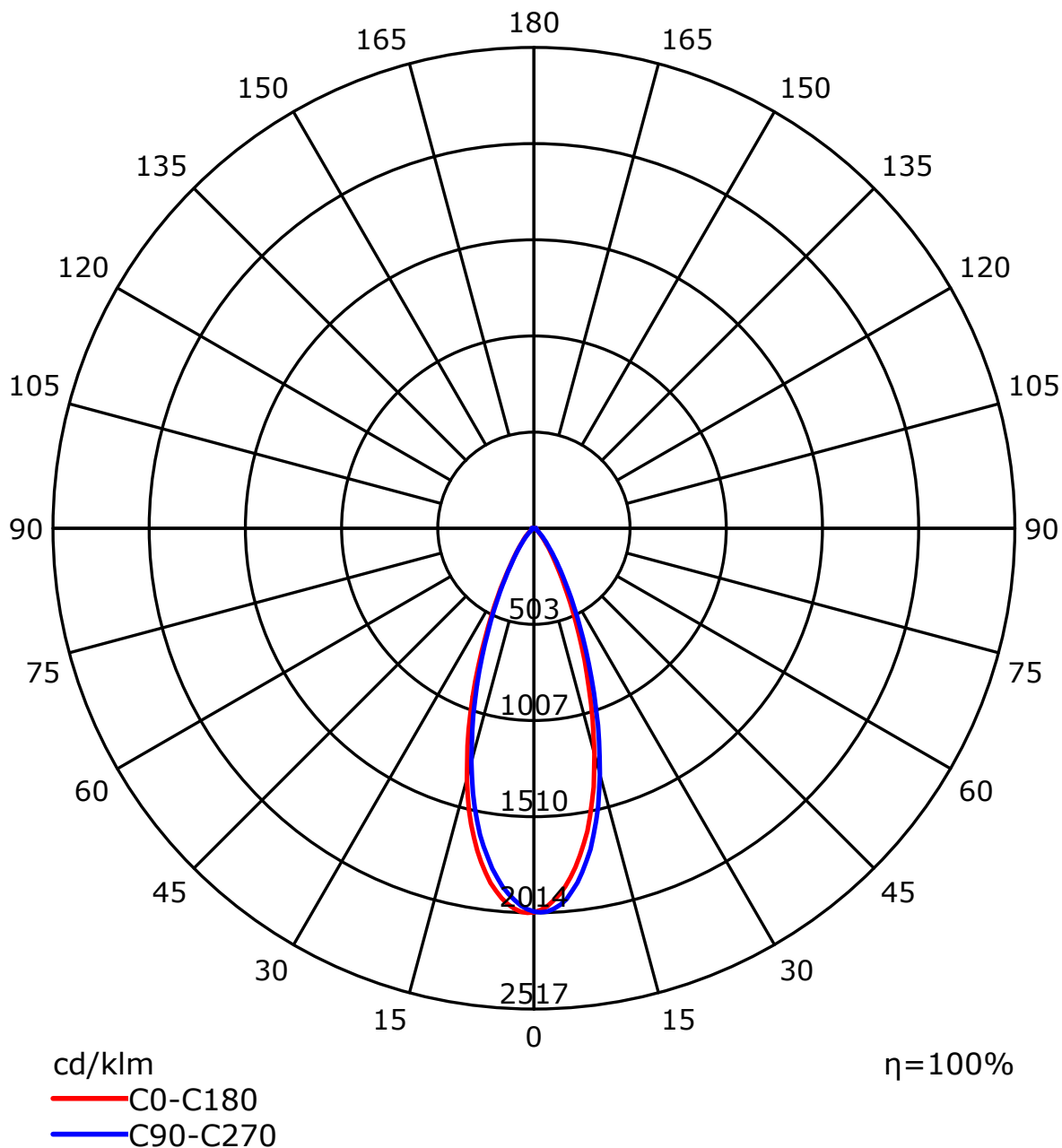
Luminous Intensity Distribution Curve



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:

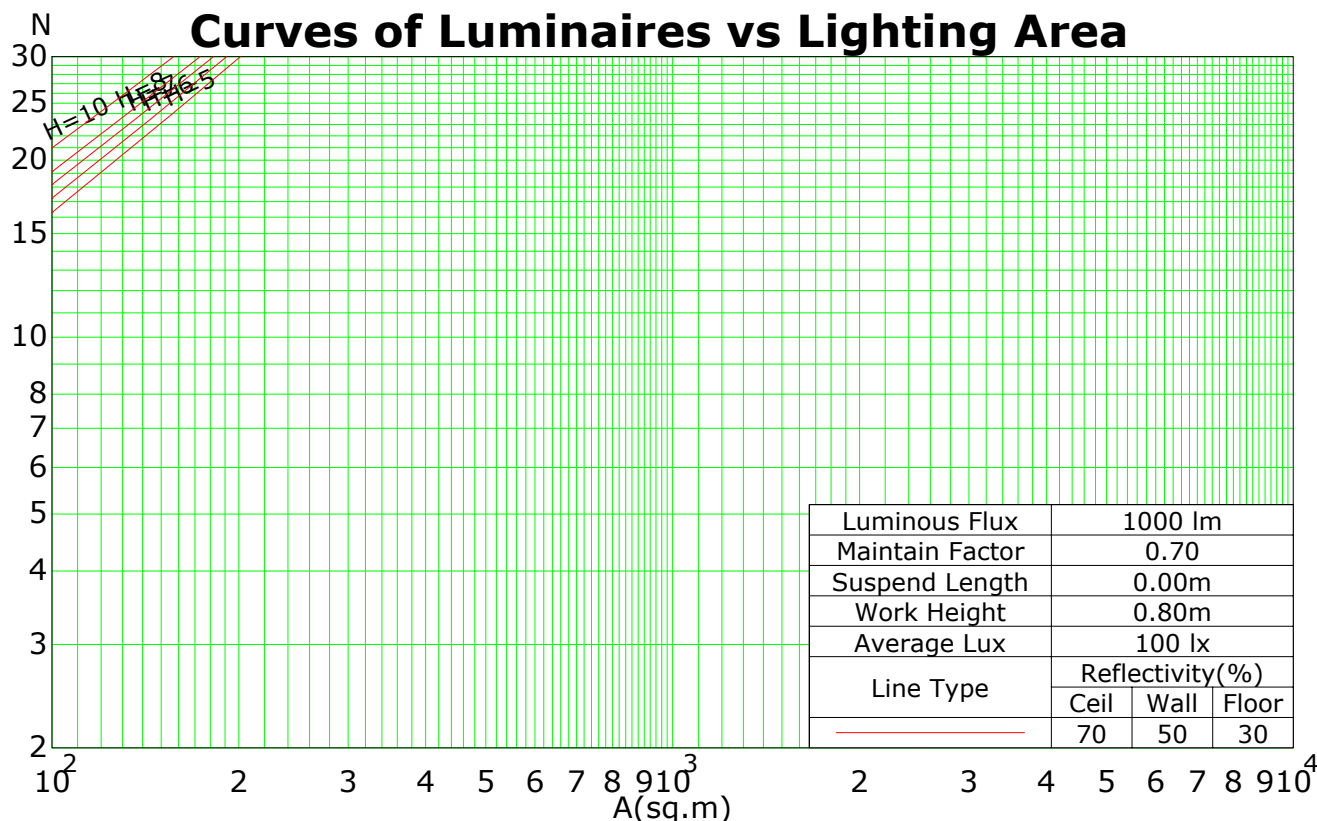
Luminous Intensity Distribution Curve(cd/klm)



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	108	105	103	103	102	100	99	98	97	96	95	94	92
2	108	103	99	95	105	101	97	94	97	94	92	94	92	90	91	89	88	86
3	103	96	91	88	100	95	90	87	92	88	85	89	86	84	87	84	82	81
4	98	91	85	81	96	89	85	81	87	83	80	85	82	79	83	80	78	76
5	94	86	80	76	92	85	80	76	83	78	75	81	77	74	79	76	73	72
6	90	81	76	72	88	80	75	71	79	74	71	77	73	70	76	72	70	68
7	86	77	72	68	84	77	71	67	75	70	67	74	70	67	73	69	66	65
8	82	74	68	64	81	73	68	64	72	67	64	71	66	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

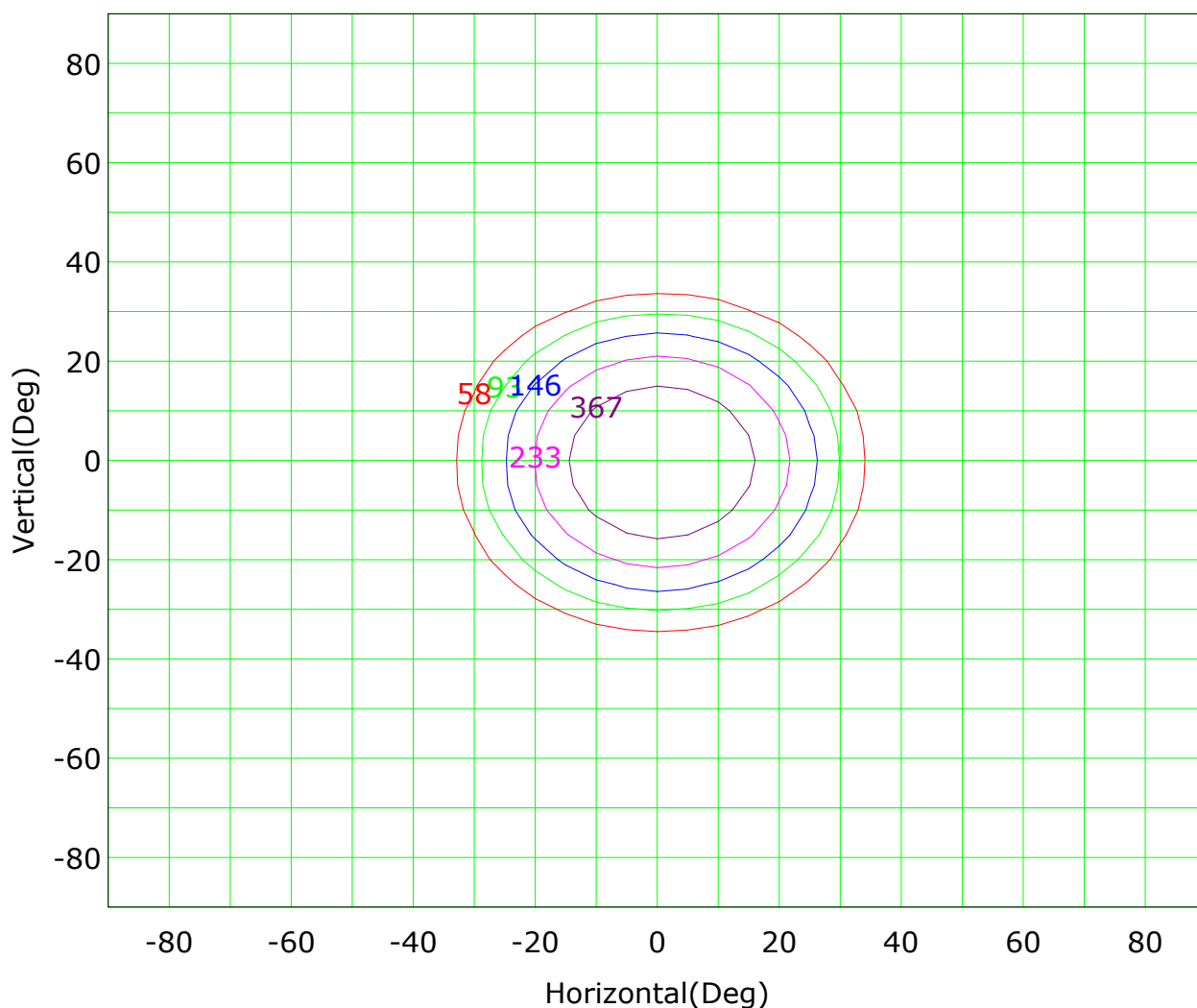
Spacing Criteria (0-180): 0.60
Spacing Criteria (90-270): 0.61
Spacing Criteria (Diagonal): 0.61



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)



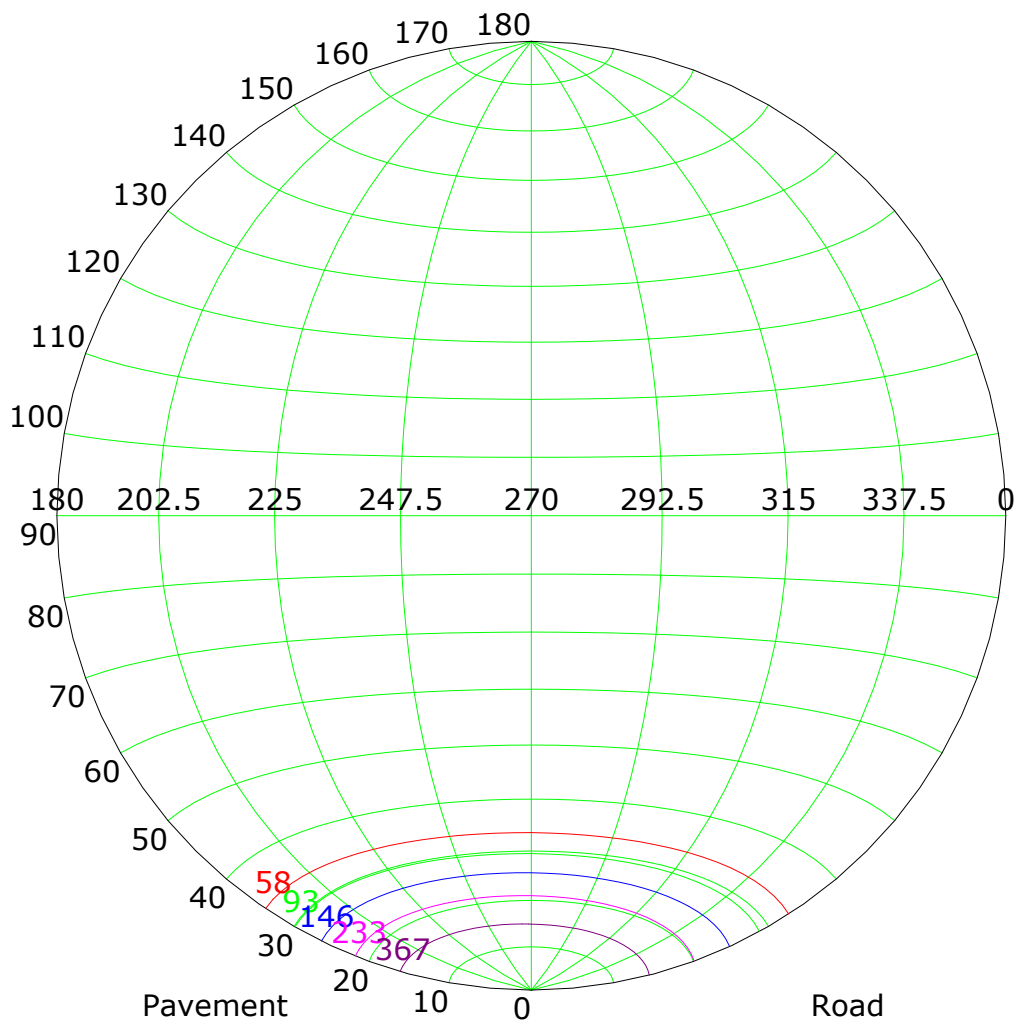
Imax (100%): 583 cd

(10%):	58 cd	(16%):	93 cd
(25%):	146 cd	(40%):	233 cd
(63%):	367 cd	(100%):	583 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)



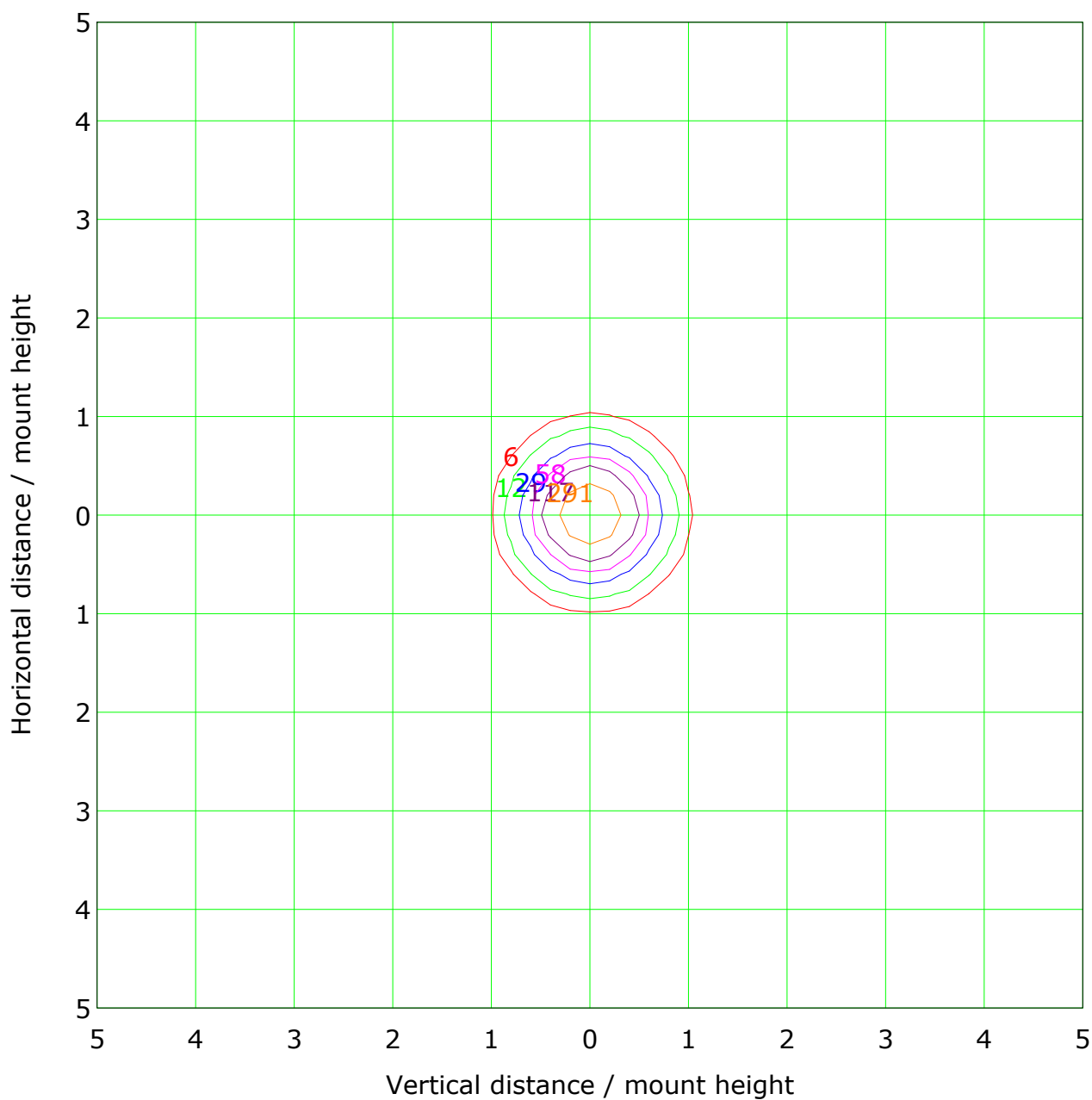
Imax (100%): 583 cd

(10%):	58 cd	(16%):	93 cd
(25%):	146 cd	(40%):	233 cd
(63%):	367 cd	(100%):	583 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



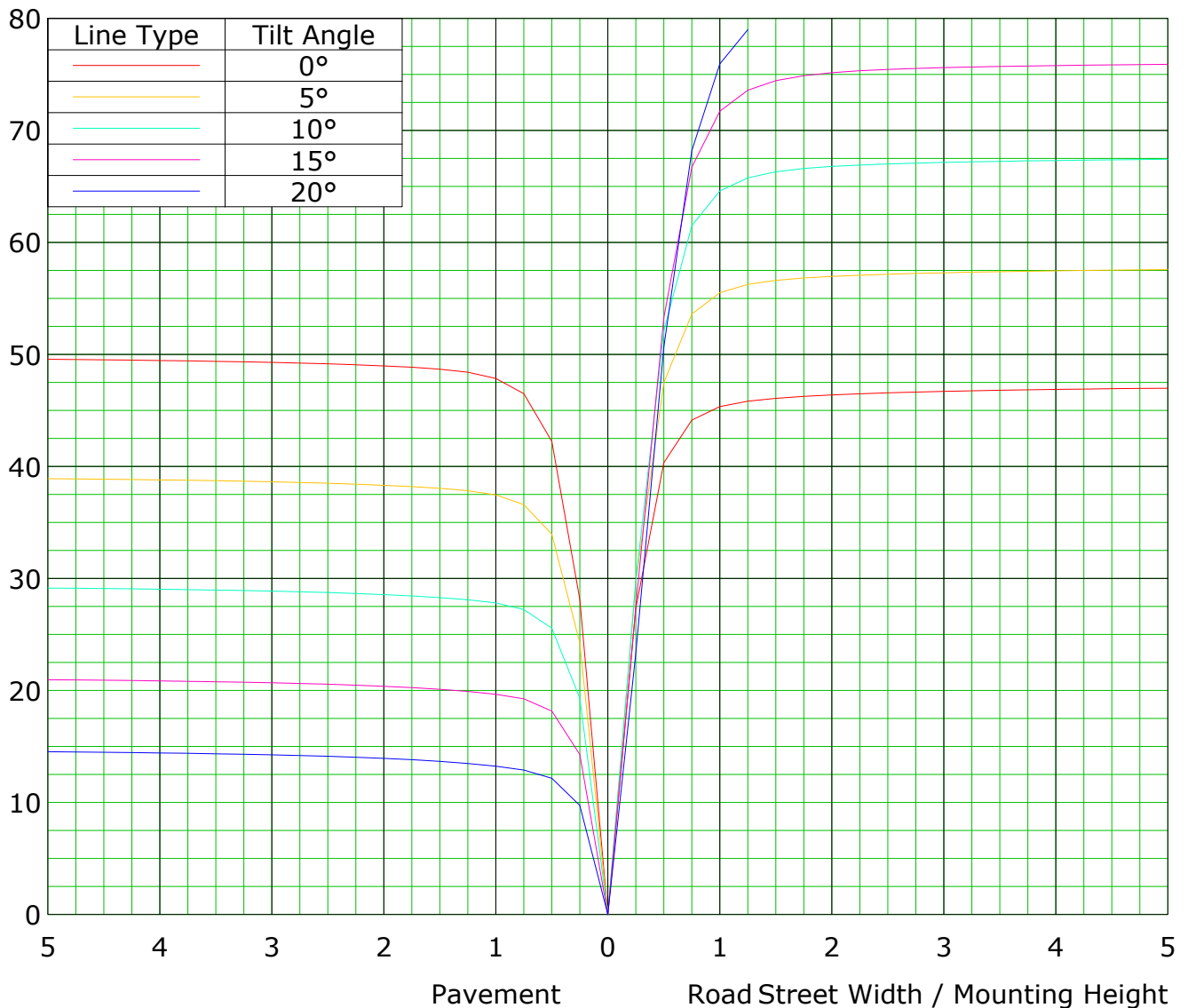
Mounting Height: 1.0m		Max Lux(100%): 582.9 lx
(1%): 5.8 lx	(2%): 11.7 lx	
(5%): 29.1 lx	(10%): 58.3 lx	
(20%): 116.6 lx	(50%): 291.5 lx	
(100%): 582.9 lx		

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(%)

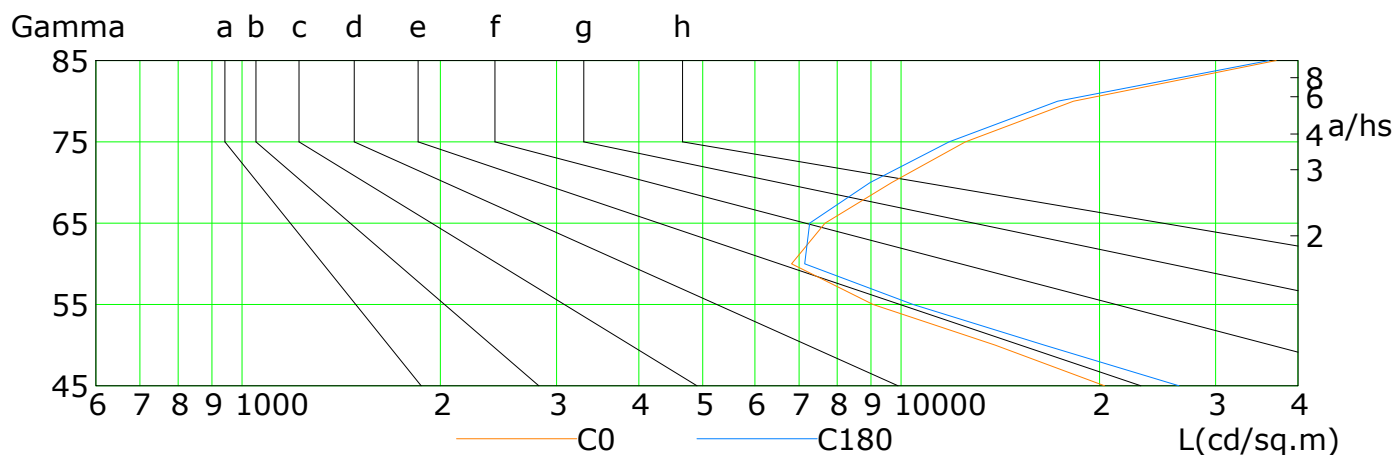
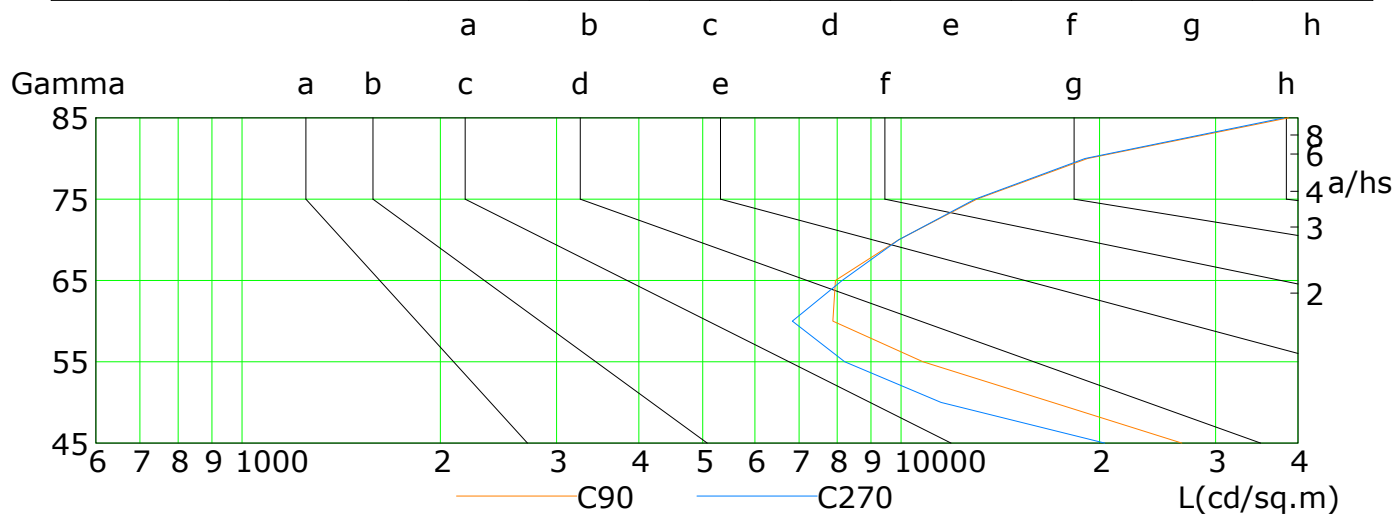


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	20351	13893	9066	6820	7666	9678	12518	18255	37060
C90	26658	16973	10792	7880	7950	9912	13021	19177	38666
C180	26389	16491	10426	7140	7264	8976	11823	17276	36142
C270	20365	11497	8212	6840	8140	9912	12943	19004	38093

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

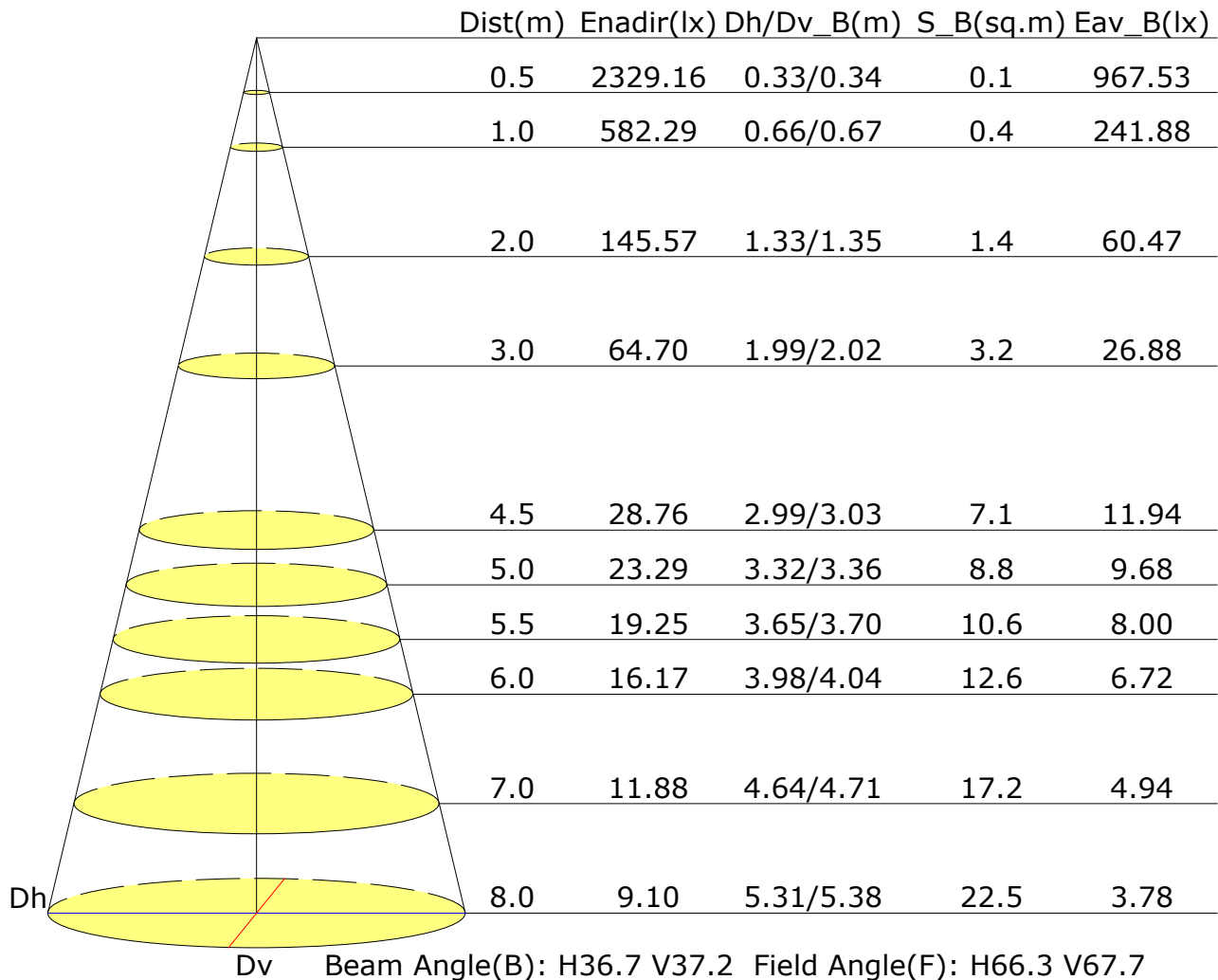
Test Device: GPM-1600L

Distance: 8.443 m

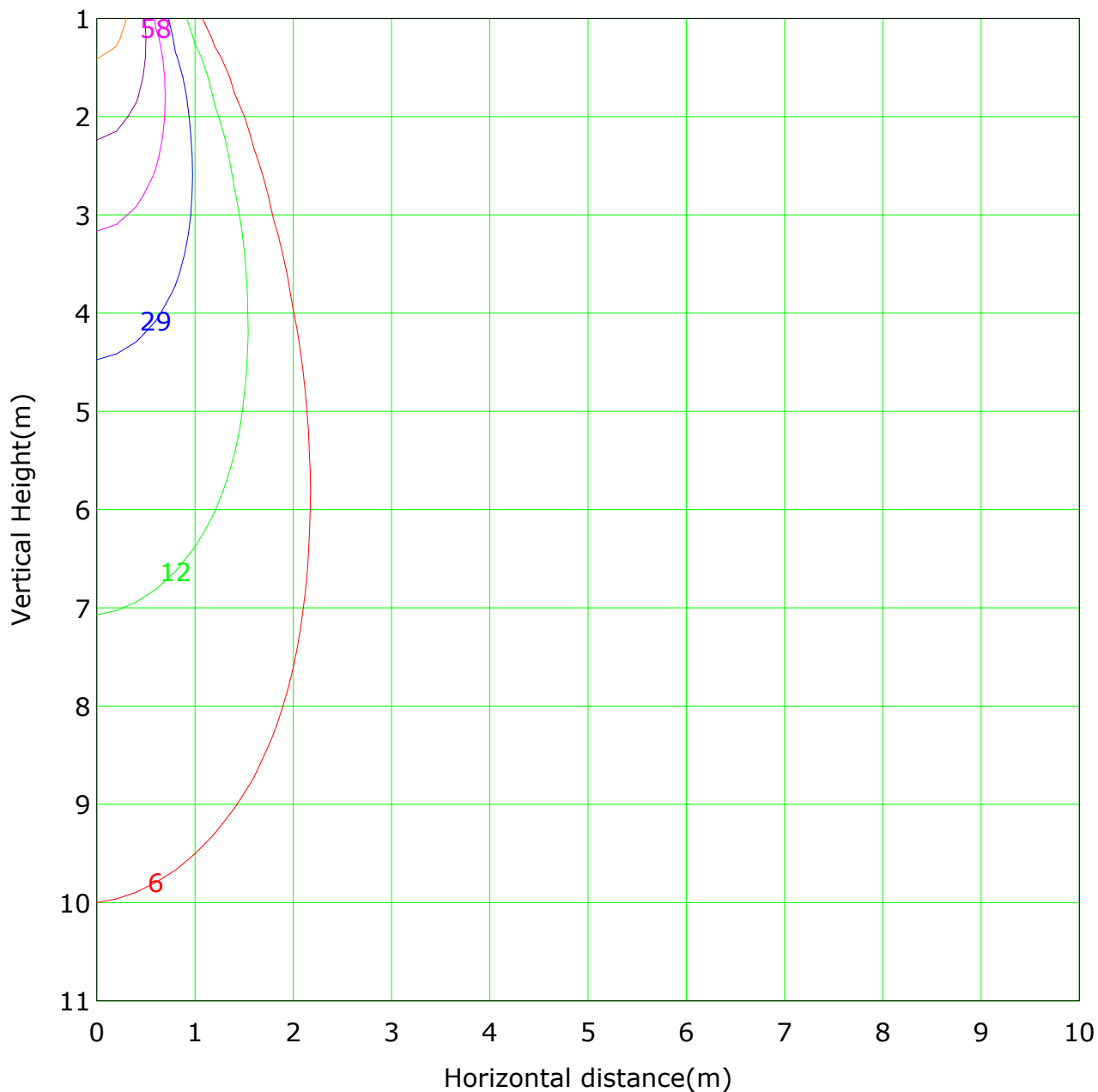
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 582.3 lx

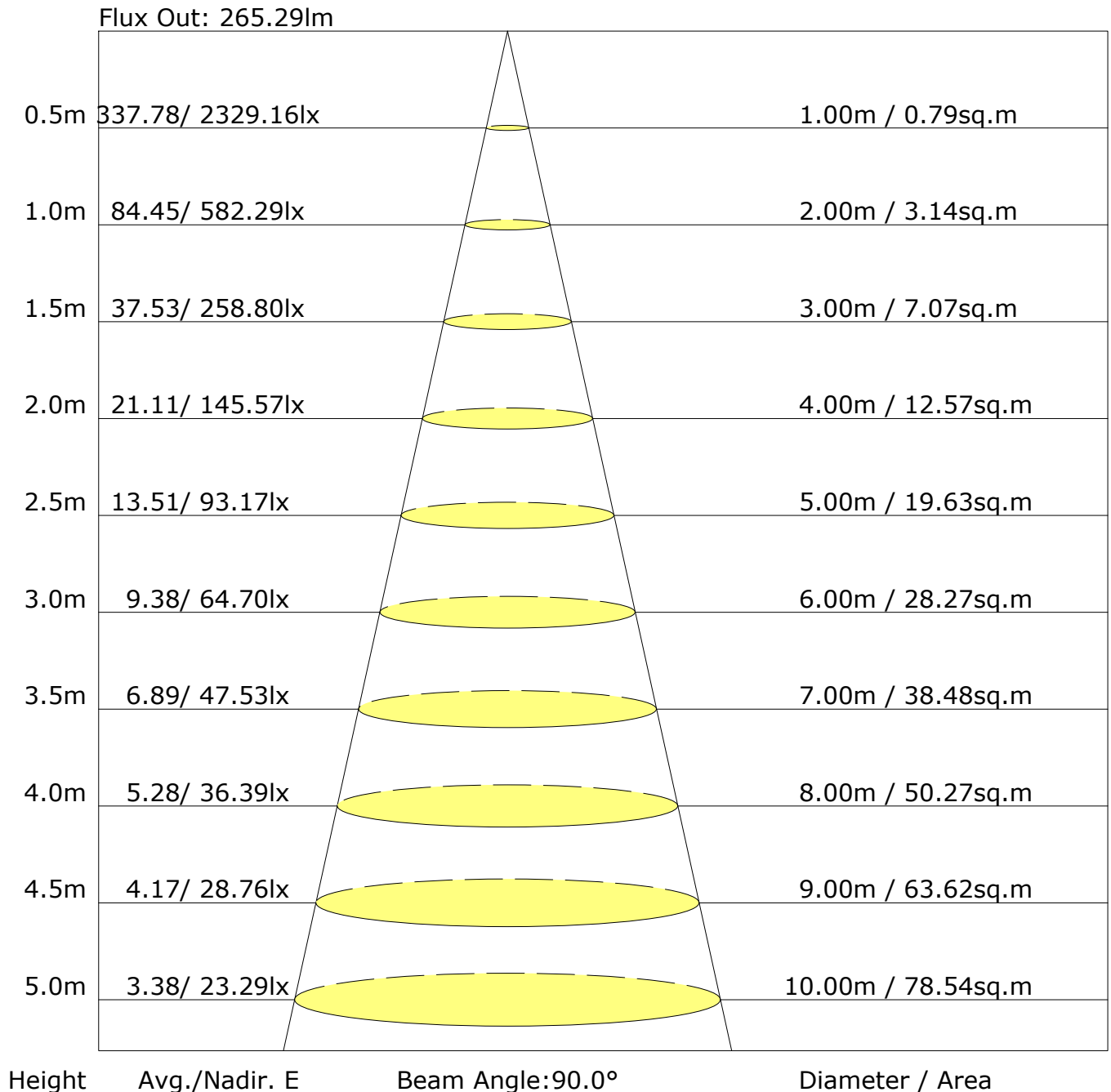
(1%): 5.8 lx	(2%): 11.6 lx
(5%): 29.1 lx	(10%): 58.2 lx
(20%): 116.5 lx	(50%): 291.1 lx
(100%): 582.3 lx	

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	16.5	17.3	16.8	17.5	17.8	17.0	17.8	17.3	18.0	18.3
3H	17.1	17.8	17.4	18.1	18.4	17.5	18.3	17.9	18.5	18.8
4H	17.7	18.4	18.1	18.7	19.0	18.1	18.8	18.5	19.1	19.4
6H	18.8	19.4	19.1	19.7	20.0	19.1	19.8	19.5	20.1	20.4
8H	19.5	20.1	19.9	20.4	20.8	19.8	20.5	20.2	20.8	21.1
12H	20.4	21.0	20.8	21.4	21.7	20.8	21.4	21.1	21.7	22.0
X=4H Y=2H	16.6	17.3	16.9	17.5	17.8	17.0	17.7	17.4	18.0	18.3
3H	17.5	18.1	17.9	18.4	18.8	17.9	18.5	18.2	18.8	19.1
4H	18.4	18.9	18.8	19.3	19.7	18.7	19.3	19.2	19.6	20.0
6H	19.8	20.3	20.2	20.7	21.1	20.1	20.6	20.5	21.0	21.4
8H	20.7	21.2	21.2	21.6	22.0	21.0	21.5	21.5	21.9	22.3
12H	21.9	22.3	22.4	22.7	23.2	22.2	22.6	22.6	23.0	23.5
X=8H Y=4H	18.9	19.3	19.3	19.7	20.2	19.2	19.6	19.6	20.0	20.5
6H	20.6	21.0	21.1	21.4	21.9	20.9	21.2	21.3	21.7	22.1
8H	21.8	22.1	22.3	22.6	23.1	22.0	22.3	22.5	22.8	23.3
12H	23.2	23.5	23.7	24.0	24.5	23.4	23.7	24.0	24.2	24.7
X=12H Y=4H	19.0	19.4	19.5	19.8	20.3	19.3	19.7	19.7	20.1	20.6
6H	20.9	21.2	21.4	21.7	22.2	21.1	21.4	21.6	21.9	22.4
8H	22.2	22.5	22.7	23.0	23.5	22.4	22.7	22.9	23.2	23.7
Variations with the observer position at spacings:										
S=1.0H	+1.2/-0.8					+1.3/-0.9				
S=1.5H	+2.4/-1.5					+2.6/-1.5				
S=2.0H	+3.7/-1.9					+3.9/-1.8				

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

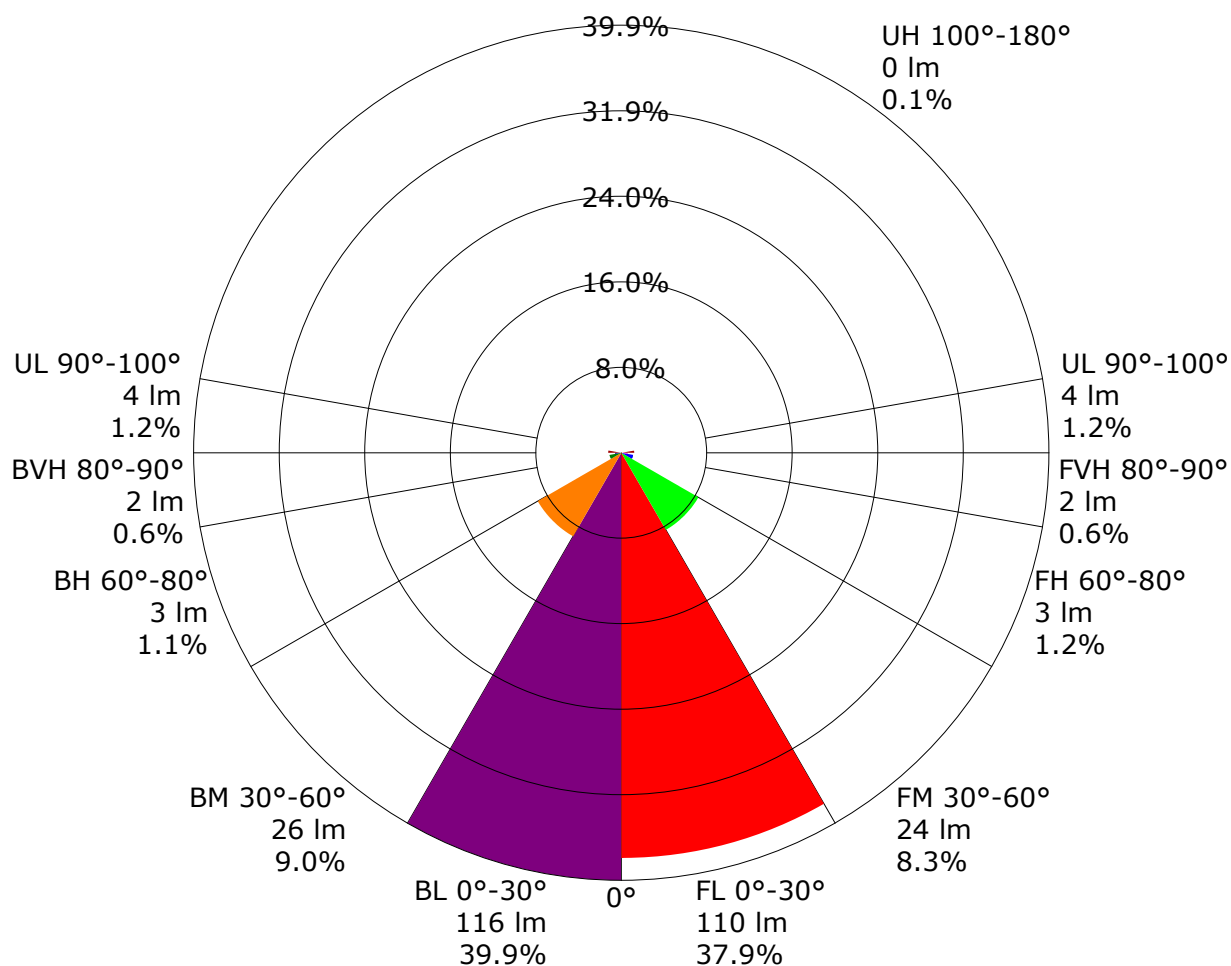
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	139	48.0
	FL (0°-30°)	110	37.9
	FM (30°-60°)	24	8.3
	FH (60°-80°)	3	1.2
	FVH (80°-90°)	2	0.6
	BACK LIGHT	147	50.7
	BL (0°-30°)	116	39.9
	BM (30°-60°)	26	9.0
	BH (60°-80°)	3	1.1
	BVH (80°-90°)	2	0.6
	UP LIGHT	4	1.3
	UL (90°-100°)	4	1.2
	UH (100°-180°)	0	0.1
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	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	0.87	0.92	0.96	0.99	1.03	1.05	1.07	1.09	1.11	
	0.30		0.82	0.88	0.92	0.95	0.99	1.02	1.04	1.07	1.09	
	0.20		0.79	0.85	0.89	0.92	0.96	0.99	1.02	1.05	1.07	
0.50	0.50	0.20	0.85	0.91	0.94	0.96	1.00	1.02	1.03	1.05	1.06	
	0.30		0.82	0.87	0.91	0.93	0.97	0.99	1.01	1.03	1.05	
	0.20		0.79	0.84	0.88	0.91	0.94	0.97	0.99	1.02	1.03	
0.30	0.50	0.20	0.84	0.89	0.92	0.94	0.97	0.99	1.00	1.01	1.02	
	0.30		0.81	0.86	0.89	0.91	0.95	0.97	0.98	1.00	1.01	
	0.20		0.78	0.83	0.87	0.89	0.93	0.95	0.96	0.99	1.00	
0.00	0.00	0.00	0.77	0.81	0.84	0.86	0.89	0.91	0.92	0.94	0.95	
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	0.56	0.46	0.39	0.34	0.27	0.23	0.19	0.15	0.13	
	0.30		0.46	0.39	0.34	0.30	0.24	0.21	0.18	0.14	0.12	
	0.20		0.40	0.34	0.30	0.27	0.22	0.19	0.17	0.13	0.11	
0.50	0.50	0.20	0.53	0.43	0.36	0.31	0.25	0.25	0.18	0.14	0.11	
	0.30		0.45	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
	0.20		0.39	0.33	0.29	0.25	0.21	0.18	0.16	0.13	0.11	
0.30	0.50	0.20	0.50	0.40	0.34	0.29	0.23	0.19	0.16	0.13	0.11	
	0.30		0.43	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.38	0.32	0.27	0.24	0.20	0.17	0.15	0.12	0.10	
0.00	0.00	0.00	0.24	0.19	0.16	0.14	0.11	0.09	0.08	0.06	0.05	
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	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	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	0.14	0.16	0.16	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.07	0.09	0.11	0.12	0.14	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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	581.1	0.6	0.6	0.19	0.19
1.0-2.0	578.9	1.7	2.2	0.57	0.77
2.0-3.0	574.3	2.7	5.0	0.95	1.71
3.0-4.0	567.6	3.8	8.8	1.31	3.03
4.0-5.0	559.3	4.8	13.6	1.66	4.69
5.0-6.0	548.6	5.8	19.3	1.99	6.68
6.0-7.0	536.3	6.7	26.0	2.30	8.98
7.0-8.0	522.3	7.5	33.5	2.58	11.56
8.0-9.0	506.7	8.2	41.7	2.84	14.40
9.0-10.0	490.4	8.9	50.6	3.07	17.46
10.0-11.0	472.1	9.4	60.0	3.26	20.72
11.0-12.0	452.0	9.9	69.9	3.41	24.13
12.0-13.0	431.7	10.2	80.1	3.54	27.67
13.0-14.0	409.6	10.5	90.6	3.62	31.29
14.0-15.0	386.5	10.6	101.2	3.66	34.96
15.0-16.0	362.6	10.6	111.8	3.67	38.63
16.0-17.0	338.4	10.5	122.4	3.64	42.27
17.0-18.0	315.1	10.4	132.8	3.59	45.86
18.0-19.0	291.1	10.1	142.9	3.50	49.35
19.0-20.0	267.5	9.8	152.7	3.38	52.74
20.0-21.0	245.5	9.4	162.1	3.26	55.99
21.0-22.0	223.7	9.0	171.1	3.10	59.10
22.0-23.0	202.9	8.5	179.6	2.94	62.04
23.0-24.0	183.1	8.0	187.6	2.76	64.80
24.0-25.0	164.7	7.5	195.1	2.59	67.39
25.0-26.0	148.5	7.0	202.1	2.42	69.81
26.0-27.0	132.8	6.5	208.6	2.24	72.05
27.0-28.0	118.3	6.0	214.6	2.07	74.12
28.0-29.0	105.7	5.5	220.2	1.91	76.03
29.0-30.0	93.8	5.1	225.2	1.75	77.78
30.0-31.0	83.1	4.6	229.9	1.60	79.38
31.0-32.0	73.8	4.2	234.1	1.46	80.84
32.0-33.0	65.5	3.9	237.9	1.33	82.17
33.0-34.0	58.5	3.5	241.5	1.22	83.40
34.0-35.0	52.1	3.2	244.7	1.12	84.51
35.0-36.0	46.5	3.0	247.7	1.02	85.54

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	41.6	2.7	250.4	0.94	86.47
37.0-38.0	37.1	2.5	252.9	0.85	87.33
38.0-39.0	33.1	2.3	255.1	0.78	88.11
39.0-40.0	29.7	2.1	257.2	0.72	88.82
40.0-41.0	26.7	1.9	259.1	0.66	89.48
41.0-42.0	24.1	1.8	260.9	0.61	90.09
42.0-43.0	21.7	1.6	262.5	0.56	90.64
43.0-44.0	19.6	1.5	263.9	0.51	91.15
44.0-45.0	17.6	1.4	265.3	0.47	91.62
45.0-46.0	15.7	1.2	266.5	0.42	92.04
46.0-47.0	14.0	1.1	267.6	0.38	92.43
47.0-48.0	12.5	1.0	268.6	0.35	92.77
48.0-49.0	11.1	0.9	269.5	0.31	93.09
49.0-50.0	10.0	0.8	270.4	0.29	93.38
50.0-51.0	8.9	0.8	271.1	0.26	93.64
51.0-52.0	8.0	0.7	271.8	0.24	93.87
52.0-53.0	7.1	0.6	272.4	0.21	94.09
53.0-54.0	6.4	0.6	273.0	0.20	94.28
54.0-55.0	5.8	0.5	273.5	0.18	94.46
55.0-56.0	5.2	0.5	274.0	0.16	94.62
56.0-57.0	4.7	0.4	274.4	0.15	94.77
57.0-58.0	4.3	0.4	274.8	0.14	94.91
58.0-59.0	4.0	0.4	275.2	0.13	95.04
59.0-60.0	3.7	0.3	275.5	0.12	95.16
60.0-61.0	3.5	0.3	275.9	0.11	95.27
61.0-62.0	3.3	0.3	276.2	0.11	95.38
62.0-63.0	3.3	0.3	276.5	0.11	95.49
63.0-64.0	3.3	0.3	276.8	0.11	95.61
64.0-65.0	3.3	0.3	277.2	0.11	95.72
65.0-66.0	3.3	0.3	277.5	0.11	95.83
66.0-67.0	3.3	0.3	277.8	0.11	95.94
67.0-68.0	3.3	0.3	278.1	0.11	96.06
68.0-69.0	3.3	0.3	278.5	0.12	96.17
69.0-70.0	3.3	0.3	278.8	0.12	96.29
70.0-71.0	3.3	0.3	279.2	0.12	96.41
71.0-72.0	3.2	0.3	279.5	0.12	96.52

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	3.2	0.3	279.8	0.12	96.64
73.0-74.0	3.2	0.3	280.2	0.12	96.76
74.0-75.0	3.3	0.3	280.5	0.12	96.88
75.0-76.0	3.3	0.3	280.9	0.12	97.00
76.0-77.0	3.3	0.4	281.2	0.12	97.12
77.0-78.0	3.3	0.4	281.6	0.12	97.24
78.0-79.0	3.3	0.4	281.9	0.12	97.36
79.0-80.0	3.2	0.3	282.3	0.12	97.48
80.0-81.0	3.2	0.3	282.6	0.12	97.60
81.0-82.0	3.2	0.4	283.0	0.12	97.72
82.0-83.0	3.3	0.4	283.3	0.12	97.85
83.0-84.0	3.3	0.4	283.7	0.12	97.97
84.0-85.0	3.3	0.4	284.0	0.12	98.09
85.0-86.0	3.3	0.4	284.4	0.12	98.22
86.0-87.0	3.3	0.4	284.8	0.12	98.34
87.0-88.0	3.3	0.4	285.1	0.12	98.46
88.0-89.0	3.3	0.4	285.5	0.12	98.59
89.0-90.0	3.2	0.4	285.8	0.12	98.71
90.0-91.0	3.2	0.4	286.2	0.12	98.83
91.0-92.0	3.3	0.4	286.5	0.12	98.96
92.0-93.0	3.3	0.4	286.9	0.12	99.08
93.0-94.0	3.3	0.4	287.3	0.12	99.20
94.0-95.0	3.3	0.4	287.6	0.12	99.33
95.0-96.0	3.3	0.4	288.0	0.12	99.45
96.0-97.0	3.3	0.4	288.3	0.12	99.57
97.0-98.0	3.3	0.4	288.7	0.12	99.70
98.0-99.0	3.2	0.4	289.0	0.12	99.82
99.0-100.0	3.3	0.4	289.4	0.12	99.94
100.0-101.0	1.6	0.2	289.6	0.06	100.00
101.0-102.0	0.0	0.0	289.6	0.00	100.00
102.0-103.0	0.0	0.0	289.6	0.00	100.00
103.0-104.0	0.0	0.0	289.6	0.00	100.00
104.0-105.0	0.0	0.0	289.6	0.00	100.00
105.0-106.0	0.0	0.0	289.6	0.00	100.00
106.0-107.0	0.0	0.0	289.6	0.00	100.00
107.0-108.0	0.0	0.0	289.6	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	289.6	0.00	100.00
109.0-110.0	0.0	0.0	289.6	0.00	100.00
110.0-111.0	0.0	0.0	289.6	0.00	100.00
111.0-112.0	0.0	0.0	289.6	0.00	100.00
112.0-113.0	0.0	0.0	289.6	0.00	100.00
113.0-114.0	0.0	0.0	289.6	0.00	100.00
114.0-115.0	0.0	0.0	289.6	0.00	100.00
115.0-116.0	0.0	0.0	289.6	0.00	100.00
116.0-117.0	0.0	0.0	289.6	0.00	100.00
117.0-118.0	0.0	0.0	289.6	0.00	100.00
118.0-119.0	0.0	0.0	289.6	0.00	100.00
119.0-120.0	0.0	0.0	289.6	0.00	100.00
120.0-121.0	0.0	0.0	289.6	0.00	100.00
121.0-122.0	0.0	0.0	289.6	0.00	100.00
122.0-123.0	0.0	0.0	289.6	0.00	100.00
123.0-124.0	0.0	0.0	289.6	0.00	100.00
124.0-125.0	0.0	0.0	289.6	0.00	100.00
125.0-126.0	0.0	0.0	289.6	0.00	100.00
126.0-127.0	0.0	0.0	289.6	0.00	100.00
127.0-128.0	0.0	0.0	289.6	0.00	100.00
128.0-129.0	0.0	0.0	289.6	0.00	100.00
129.0-130.0	0.0	0.0	289.6	0.00	100.00
130.0-131.0	0.0	0.0	289.6	0.00	100.00
131.0-132.0	0.0	0.0	289.6	0.00	100.00
132.0-133.0	0.0	0.0	289.6	0.00	100.00
133.0-134.0	0.0	0.0	289.6	0.00	100.00
134.0-135.0	0.0	0.0	289.6	0.00	100.00
135.0-136.0	0.0	0.0	289.6	0.00	100.00
136.0-137.0	0.0	0.0	289.6	0.00	100.00
137.0-138.0	0.0	0.0	289.6	0.00	100.00
138.0-139.0	0.0	0.0	289.6	0.00	100.00
139.0-140.0	0.0	0.0	289.6	0.00	100.00
140.0-141.0	0.0	0.0	289.6	0.00	100.00
141.0-142.0	0.0	0.0	289.6	0.00	100.00
142.0-143.0	0.0	0.0	289.6	0.00	100.00
143.0-144.0	0.0	0.0	289.6	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	289.6	0.00	100.00
145.0-146.0	0.0	0.0	289.6	0.00	100.00
146.0-147.0	0.0	0.0	289.6	0.00	100.00
147.0-148.0	0.0	0.0	289.6	0.00	100.00
148.0-149.0	0.0	0.0	289.6	0.00	100.00
149.0-150.0	0.0	0.0	289.6	0.00	100.00
150.0-151.0	0.0	0.0	289.6	0.00	100.00
151.0-152.0	0.0	0.0	289.6	0.00	100.00
152.0-153.0	0.0	0.0	289.6	0.00	100.00
153.0-154.0	0.0	0.0	289.6	0.00	100.00
154.0-155.0	0.0	0.0	289.6	0.00	100.00
155.0-156.0	0.0	0.0	289.6	0.00	100.00
156.0-157.0	0.0	0.0	289.6	0.00	100.00
157.0-158.0	0.0	0.0	289.6	0.00	100.00
158.0-159.0	0.0	0.0	289.6	0.00	100.00
159.0-160.0	0.0	0.0	289.6	0.00	100.00
160.0-161.0	0.0	0.0	289.6	0.00	100.00
161.0-162.0	0.0	0.0	289.6	0.00	100.00
162.0-163.0	0.0	0.0	289.6	0.00	100.00
163.0-164.0	0.0	0.0	289.6	0.00	100.00
164.0-165.0	0.0	0.0	289.6	0.00	100.00
165.0-166.0	0.0	0.0	289.6	0.00	100.00
166.0-167.0	0.0	0.0	289.6	0.00	100.00
167.0-168.0	0.0	0.0	289.6	0.00	100.00
168.0-169.0	0.0	0.0	289.6	0.00	100.00
169.0-170.0	0.0	0.0	289.6	0.00	100.00
170.0-171.0	0.0	0.0	289.6	0.00	100.00
171.0-172.0	0.0	0.0	289.6	0.00	100.00
172.0-173.0	0.0	0.0	289.6	0.00	100.00
173.0-174.0	0.0	0.0	289.6	0.00	100.00
174.0-175.0	0.0	0.0	289.6	0.00	100.00
175.0-176.0	0.0	0.0	289.6	0.00	100.00
176.0-177.0	0.0	0.0	289.6	0.00	100.00
177.0-178.0	0.0	0.0	289.6	0.00	100.00
178.0-179.0	0.0	0.0	289.6	0.00	100.00
179.0-180.0	0.0	0.0	289.6	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	582.3	581.1	582.3	581.1	582.3					
G1.0	578.9	582.4	583.2	577.7	578.9					
G2.0	573.7	581.4	581.6	572.5	573.7					
G3.0	565.3	577.8	577.3	564.5	565.3					
G4.0	556.3	572.3	571.1	555.7	556.3					
G5.0	545.1	564.8	563.0	545.8	545.1					
G6.0	531.7	553.1	552.6	532.8	531.7					
G7.0	517.5	541.3	541.6	519.6	517.5					
G8.0	501.0	526.4	527.2	503.6	501.0					
G9.0	484.0	510.4	512.4	488.4	484.0					
G10.0	466.4	493.9	496.1	472.0	466.4					
G11.0	445.0	473.4	477.6	452.1	445.0					
G12.0	423.7	453.3	458.7	432.5	423.7					
G13.0	402.5	433.0	438.3	411.8	402.5					
G14.0	377.1	408.6	415.8	389.3	377.1					
G15.0	354.3	386.5	393.4	367.0	354.3					
G16.0	327.7	361.6	367.9	342.3	327.7					
G17.0	304.5	337.3	345.0	320.5	304.5					
G18.0	280.8	314.2	320.8	298.0	280.8					
G19.0	256.7	288.2	295.5	274.5	256.7					
G20.0	234.6	266.2	271.8	252.6	234.6					
G21.0	214.5	244.1	248.4	231.7	214.5					
G22.0	192.9	222.1	225.0	210.6	192.9					
G23.0	174.7	202.5	203.5	191.6	174.7					
G24.0	156.4	183.1	181.5	171.5	156.4					
G25.0	140.4	165.7	163.9	155.2	140.4					
G26.0	126.1	150.3	147.3	139.2	126.1					
G27.0	111.1	134.1	131.4	123.2	111.1					
G28.0	98.7	120.6	117.3	110.3	98.7					
G29.0	88.2	108.0	104.7	97.9	88.2					
G30.0	77.6	95.7	91.8	86.4	77.6					
G31.0	69.2	86.1	81.0	77.0	69.2					
G32.0	61.3	76.4	71.3	67.7	61.3					
G33.0	54.9	68.6	63.4	60.1	54.9					
G34.0	49.2	61.1	57.0	53.8	49.2					
G35.0	43.8	54.1	50.7	47.4	43.8					
G36.0	39.3	48.1	45.7	42.7	39.3					

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	35.1	43.3	40.7	38.0	35.1					
G38.0	31.0	38.4	36.1	34.0	31.0					
G39.0	27.9	34.8	32.3	30.6	27.9					
G40.0	24.9	31.1	28.7	27.3	24.9					
G41.0	22.6	28.2	26.2	24.3	22.6					
G42.0	20.4	25.5	24.1	21.7	20.4					
G43.0	18.2	23.0	22.2	18.9	18.2					
G44.0	16.2	20.9	20.5	16.6	16.2					
G45.0	14.4	18.9	18.7	14.4	14.4					
G46.0	12.7	16.7	17.1	12.5	12.7					
G47.0	11.6	15.1	15.4	10.8	11.6					
G48.0	10.6	13.4	13.4	9.3	10.6					
G49.0	9.8	12.0	11.9	8.3	9.8					
G50.0	8.9	10.9	10.6	7.4	8.9					
G51.0	8.0	9.5	9.4	6.6	8.0					
G52.0	7.3	8.5	8.4	6.1	7.3					
G53.0	6.4	7.6	7.4	5.5	6.4					
G54.0	5.8	6.8	6.7	5.1	5.8					
G55.0	5.2	6.2	6.0	4.7	5.2					
G56.0	4.6	5.6	5.3	4.2	4.6					
G57.0	4.2	5.1	4.8	3.9	4.2					
G58.0	3.9	4.7	4.2	3.6	3.9					
G59.0	3.7	4.3	3.8	3.4	3.7					
G60.0	3.4	3.9	3.6	3.4	3.4					
G61.0	3.3	3.6	3.2	3.4	3.3					
G62.0	3.3	3.4	3.1	3.4	3.3					
G63.0	3.3	3.4	3.1	3.4	3.3					
G64.0	3.3	3.4	3.1	3.4	3.3					
G65.0	3.2	3.4	3.1	3.4	3.2					
G66.0	3.2	3.4	3.1	3.4	3.2					
G67.0	3.2	3.4	3.0	3.4	3.2					
G68.0	3.3	3.4	3.0	3.4	3.3					
G69.0	3.3	3.3	3.1	3.3	3.3					
G70.0	3.3	3.4	3.1	3.4	3.3					
G71.0	3.3	3.3	3.1	3.4	3.3					
G72.0	3.3	3.4	3.0	3.3	3.3					
G73.0	3.2	3.4	3.0	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	3.2	3.4	3.0	3.3	3.2					
G75.0	3.2	3.4	3.1	3.3	3.2					
G76.0	3.2	3.4	3.2	3.4	3.2					
G77.0	3.3	3.4	3.1	3.4	3.3					
G78.0	3.3	3.4	3.2	3.3	3.3					
G79.0	3.2	3.4	3.1	3.3	3.2					
G80.0	3.2	3.3	3.0	3.3	3.2					
G81.0	3.2	3.4	3.0	3.3	3.2					
G82.0	3.2	3.4	3.0	3.4	3.2					
G83.0	3.3	3.5	3.1	3.3	3.3					
G84.0	3.3	3.4	3.1	3.4	3.3					
G85.0	3.2	3.4	3.2	3.3	3.2					
G86.0	3.3	3.4	3.0	3.3	3.3					
G87.0	3.2	3.5	3.1	3.3	3.2					
G88.0	3.3	3.4	3.1	3.3	3.3					
G89.0	3.2	3.4	3.1	3.3	3.2					
G90.0	3.1	3.4	3.0	3.3	3.1					
G91.0	3.3	3.4	3.1	3.4	3.3					
G92.0	3.2	3.4	3.0	3.3	3.2					
G93.0	3.2	3.4	3.1	3.4	3.2					
G94.0	3.2	3.4	3.1	3.2	3.2					
G95.0	3.2	3.4	3.1	3.3	3.2					
G96.0	3.3	3.5	3.1	3.3	3.3					
G97.0	3.2	3.4	3.2	3.4	3.2					
G98.0	3.1	3.3	3.1	3.3	3.1					
G99.0	3.2	3.4	3.1	3.3	3.2					
G100.0	3.1	3.5	3.1	3.3	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: