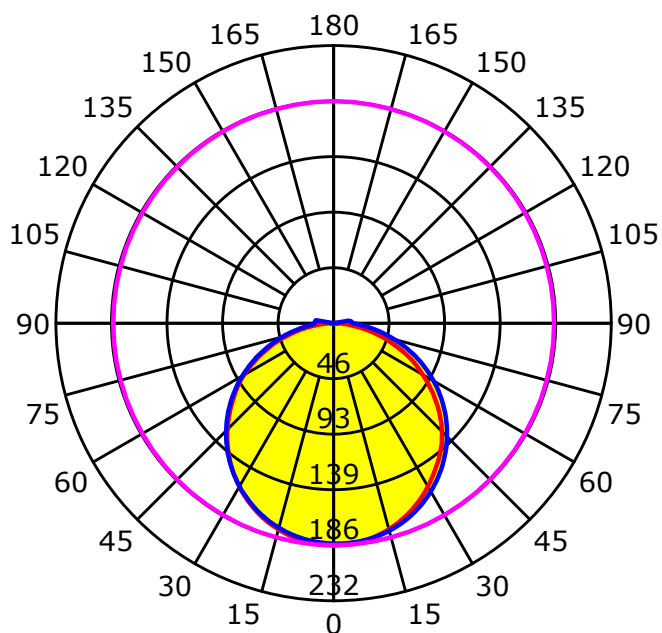


Test Time: 2024-12-03 10:54

Power Factor: 0.608

S/MH(C90/C270): 1.29

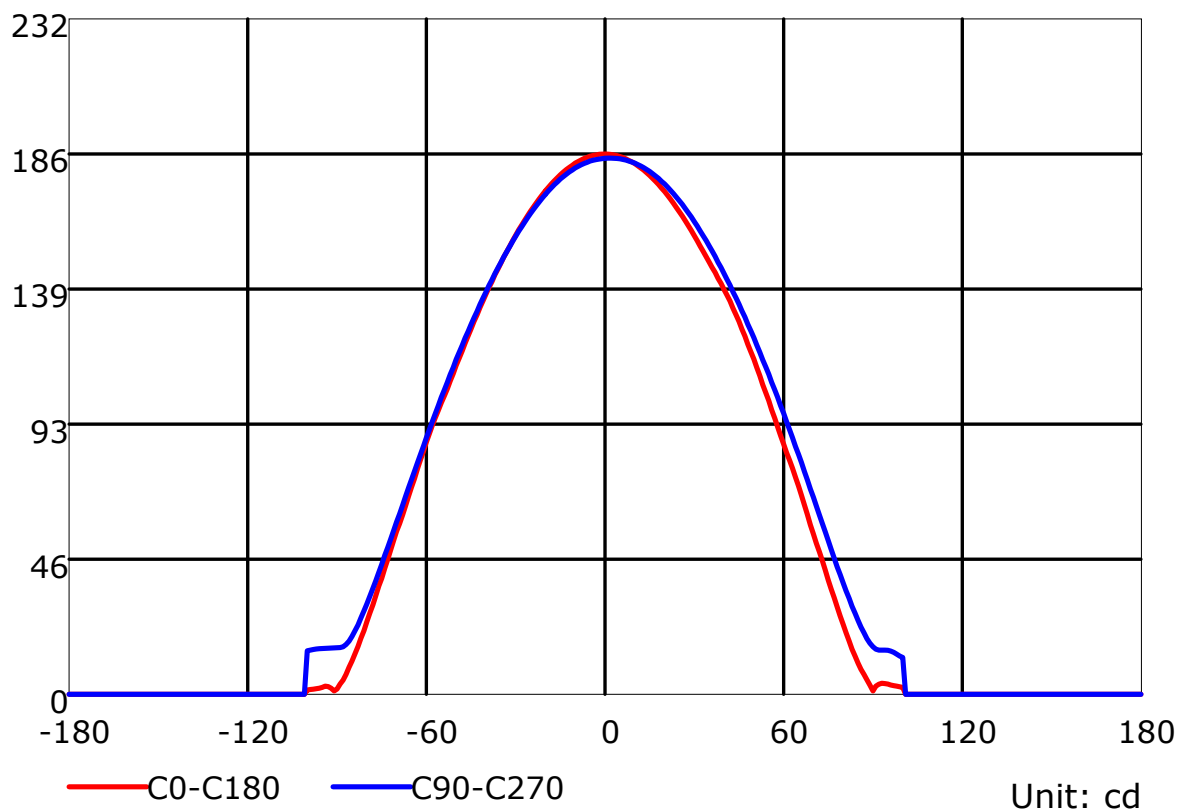
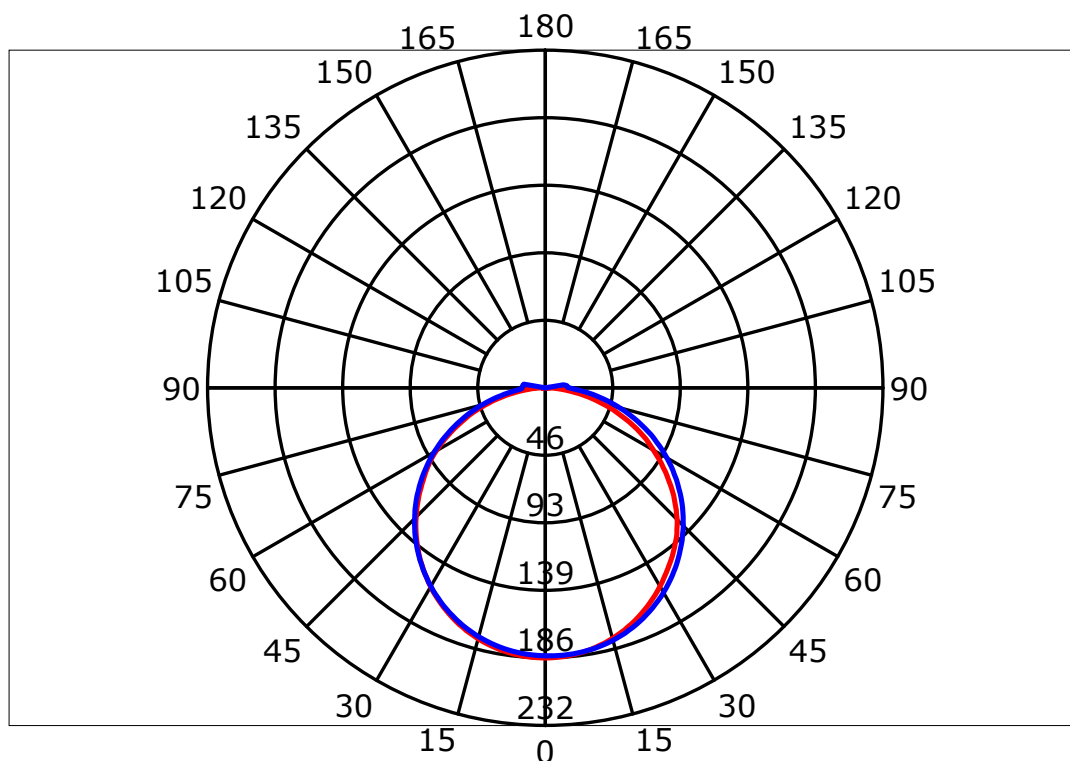
Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G0

Inspector:

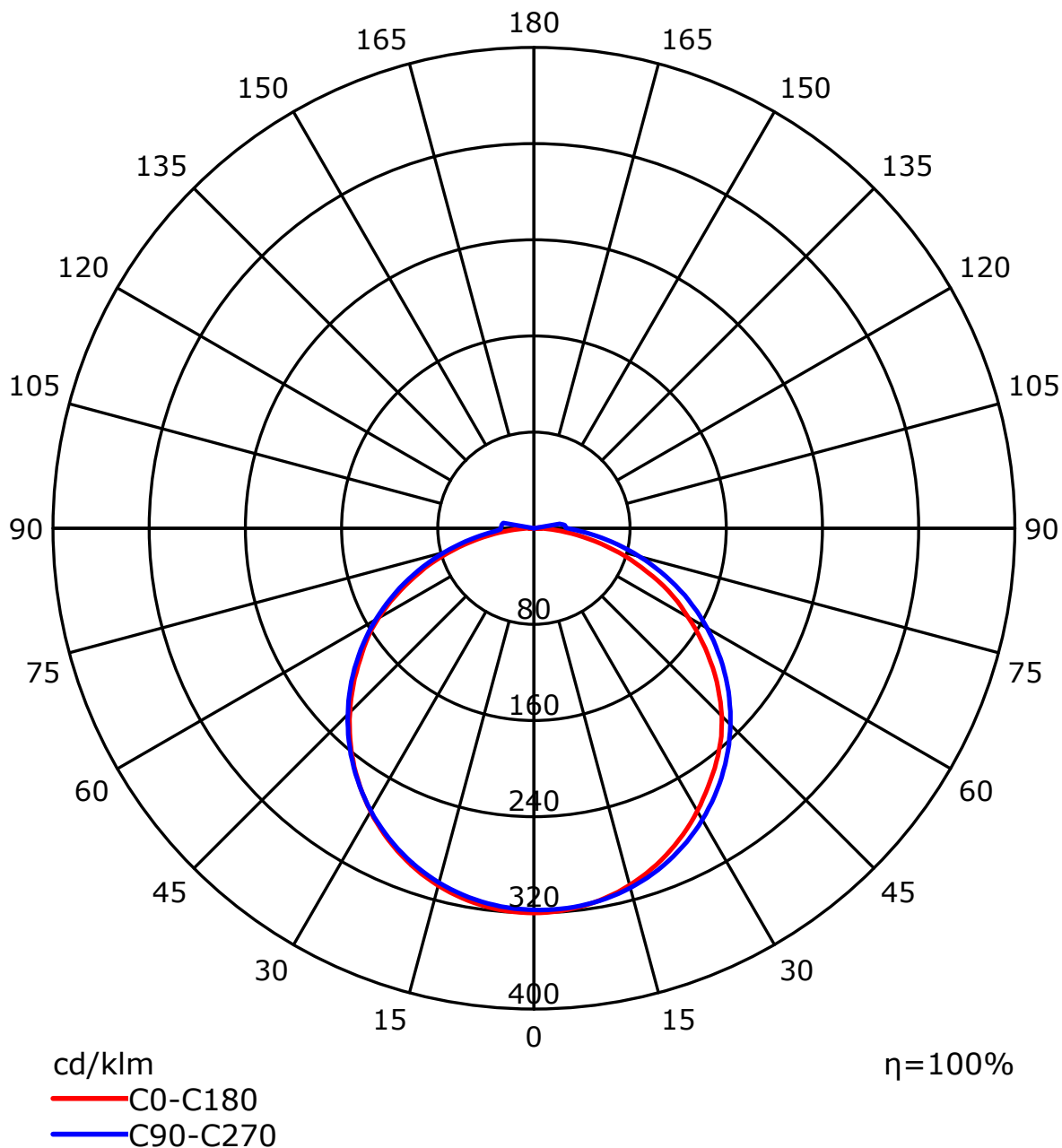
Luminous Intensity Distribution Curve



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)



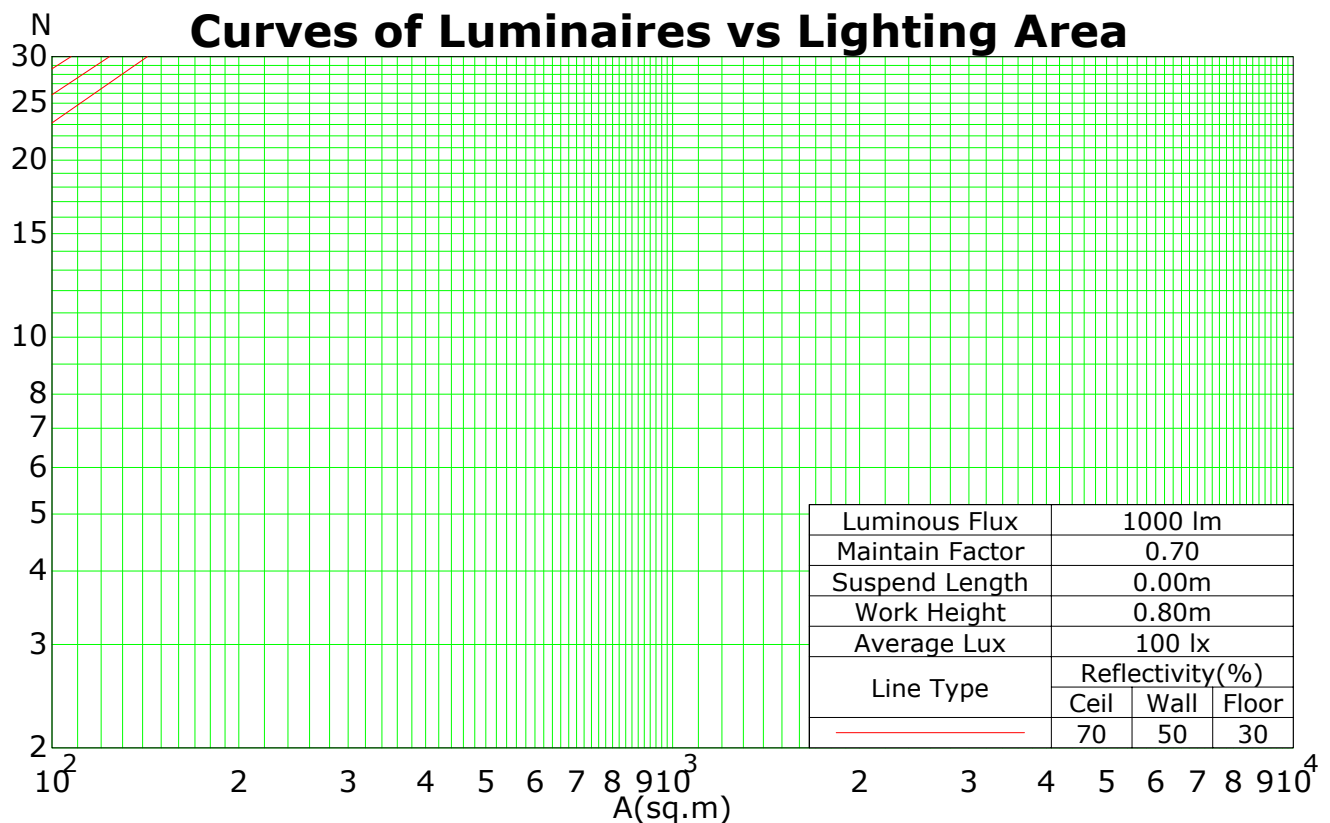
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	100	100	100	98
1	107	102	98	93	104	100	96	92	95	92	89	91	88	86	87	85	83	80
2	97	89	81	75	94	86	80	74	83	77	72	79	74	70	76	72	68	66
3	88	77	69	62	86	76	68	61	72	66	60	69	64	59	67	62	58	55
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	59	54	49	47
5	74	61	52	45	72	60	51	44	57	50	44	55	48	43	53	47	42	40
6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
7	63	50	41	34	61	49	40	34	47	39	34	45	38	33	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	41	35	30	40	34	29	27
9	55	41	33	27	53	41	33	27	39	32	27	38	32	27	37	31	26	25
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.26
Spacing Criteria (90-270): 1.29
Spacing Criteria (Diagonal): 1.40



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

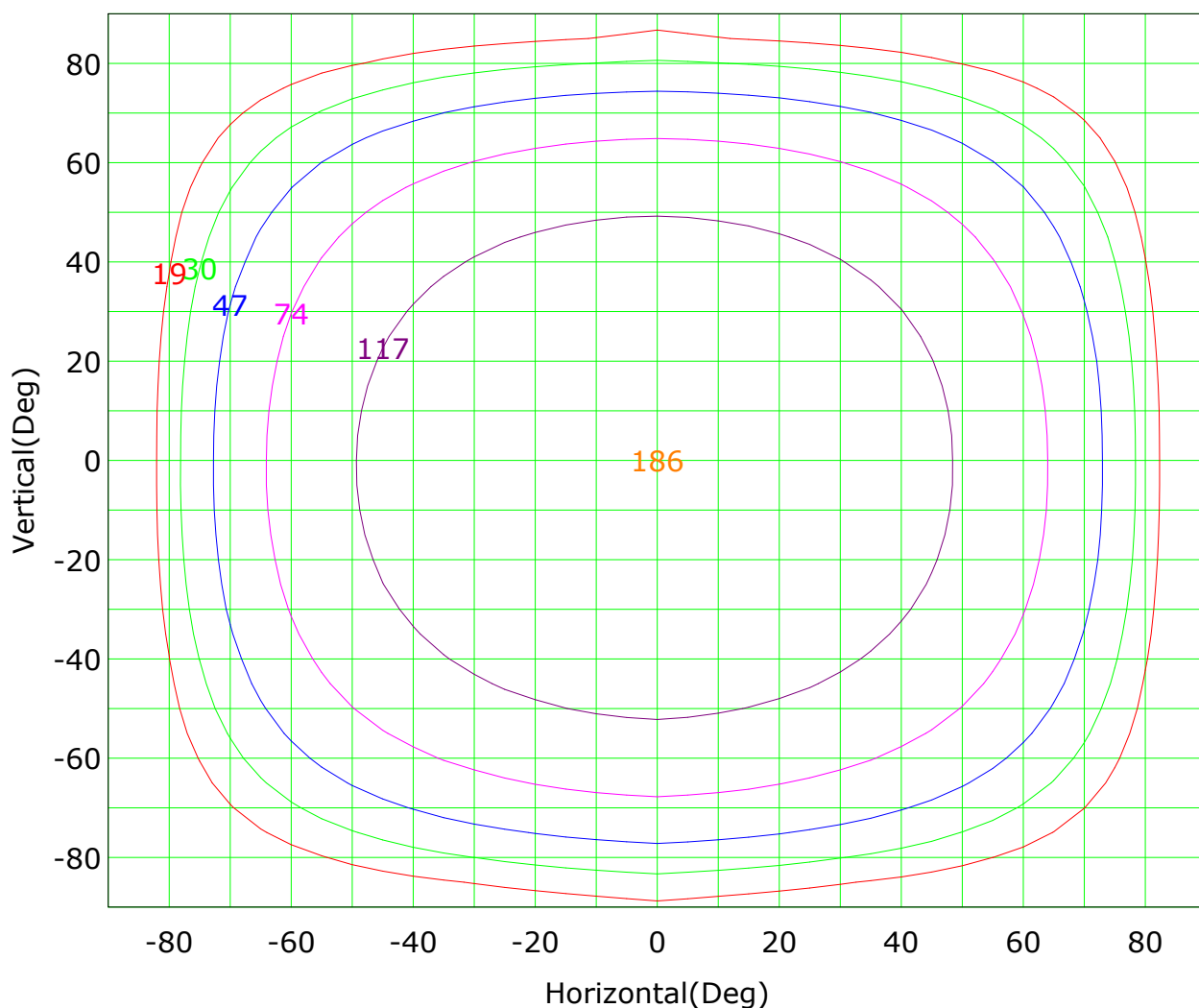
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 186 cd

(10%):	19 cd	(16%):	30 cd
(25%):	47 cd	(40%):	74 cd
(63%):	117 cd	(100%):	186 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

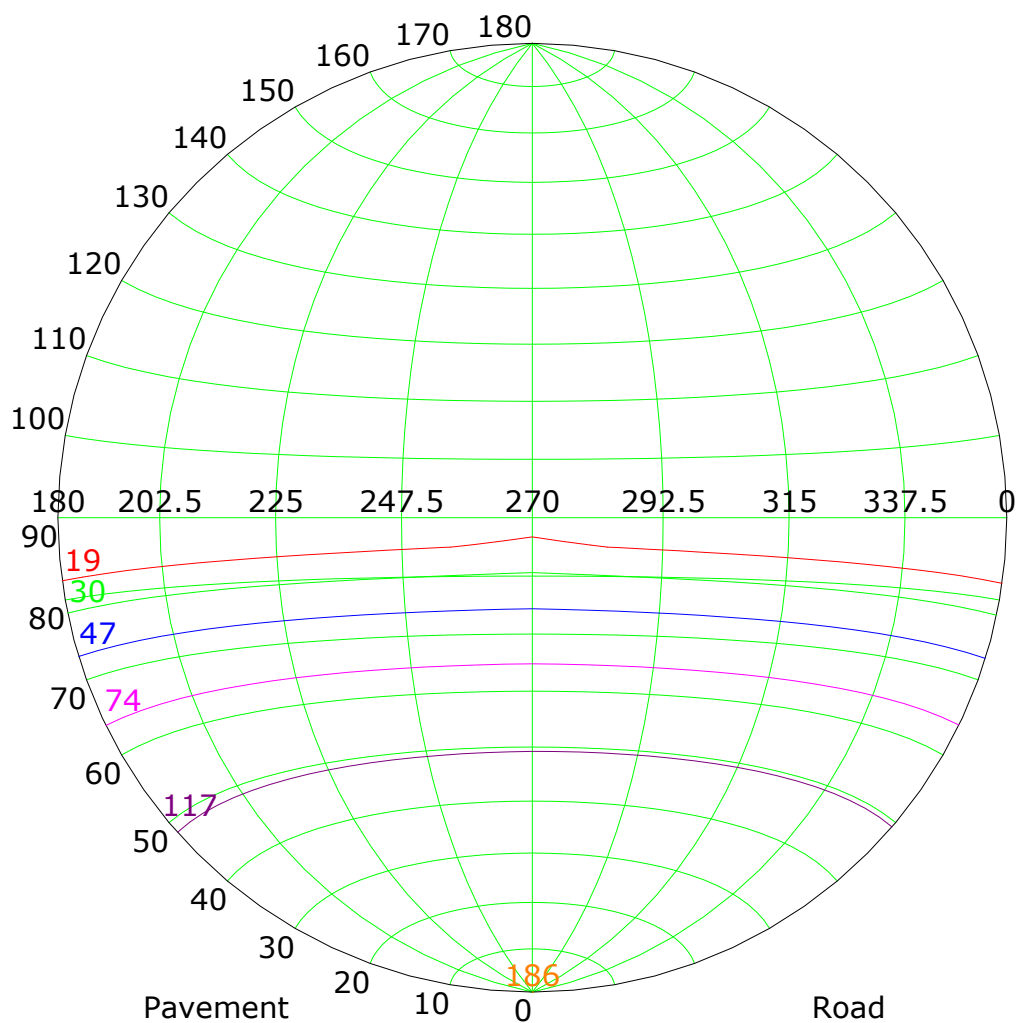
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 186 cd

(10%):	19 cd	(16%):	30 cd
(25%):	47 cd	(40%):	74 cd
(63%):	117 cd	(100%):	186 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

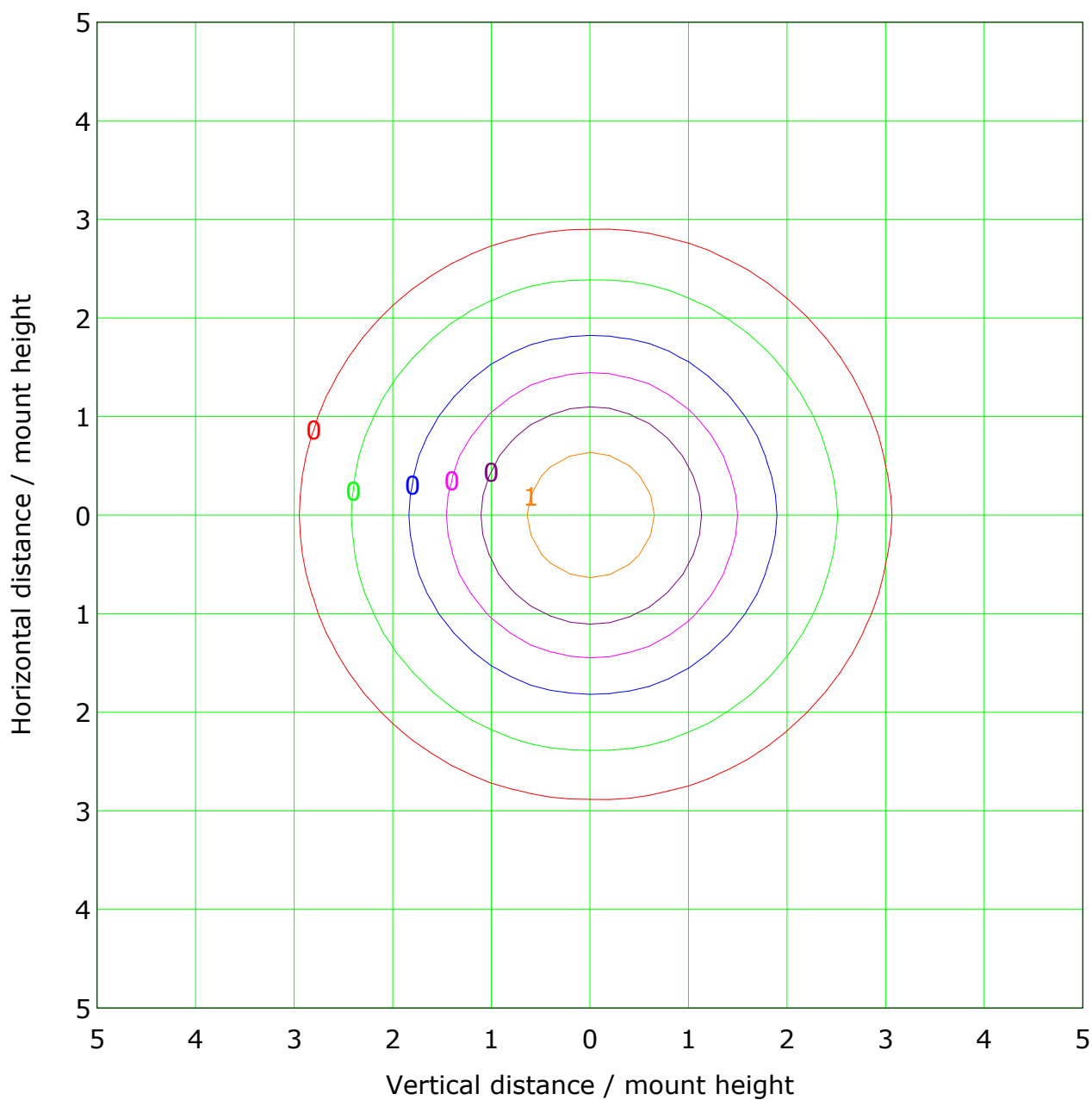
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.9 lx

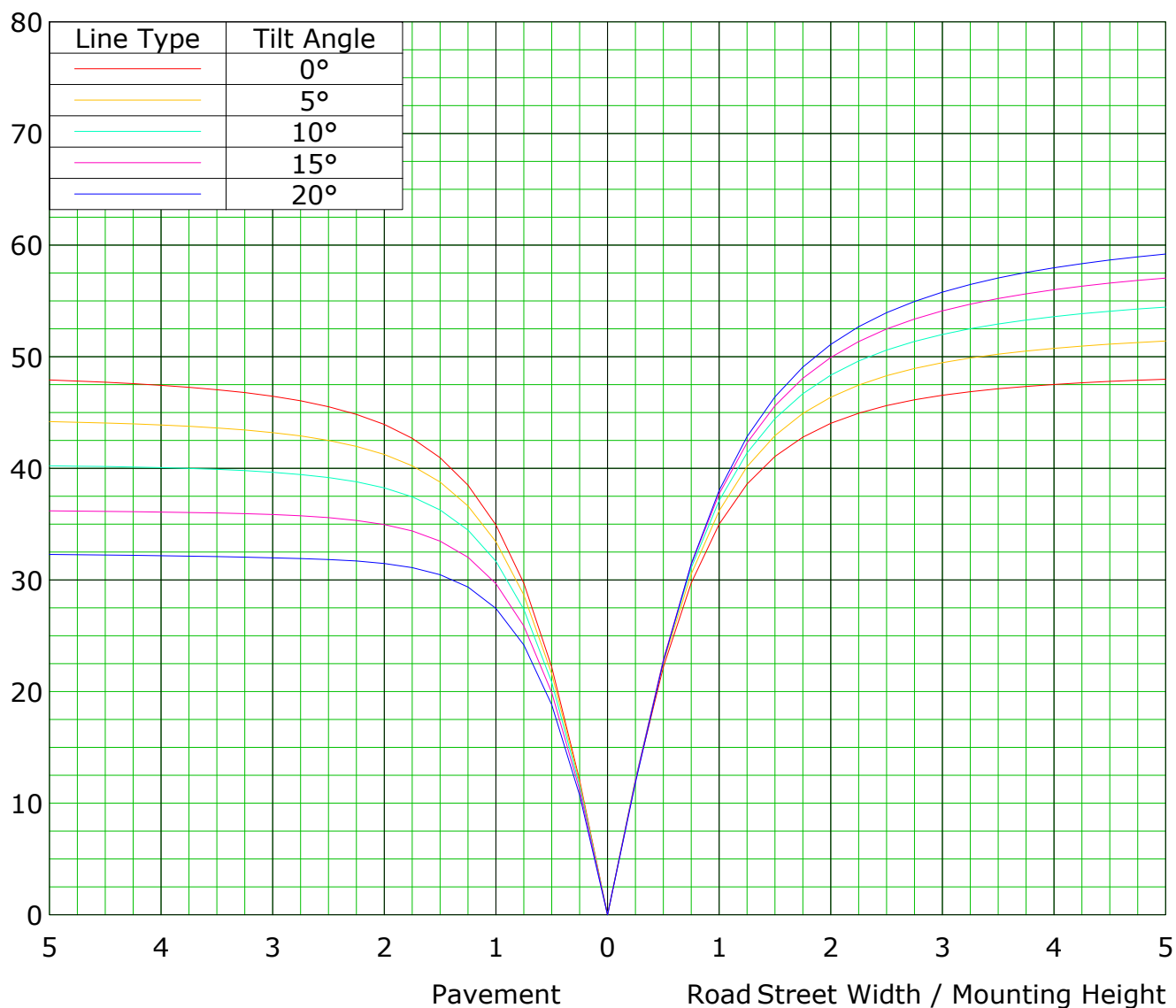
— (1%): 0.0 lx	— (2%): 0.0 lx
— (5%): 0.1 lx	— (10%): 0.2 lx
— (20%): 0.4 lx	— (50%): 0.9 lx
— (100%): 1.9 lx	

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(%)

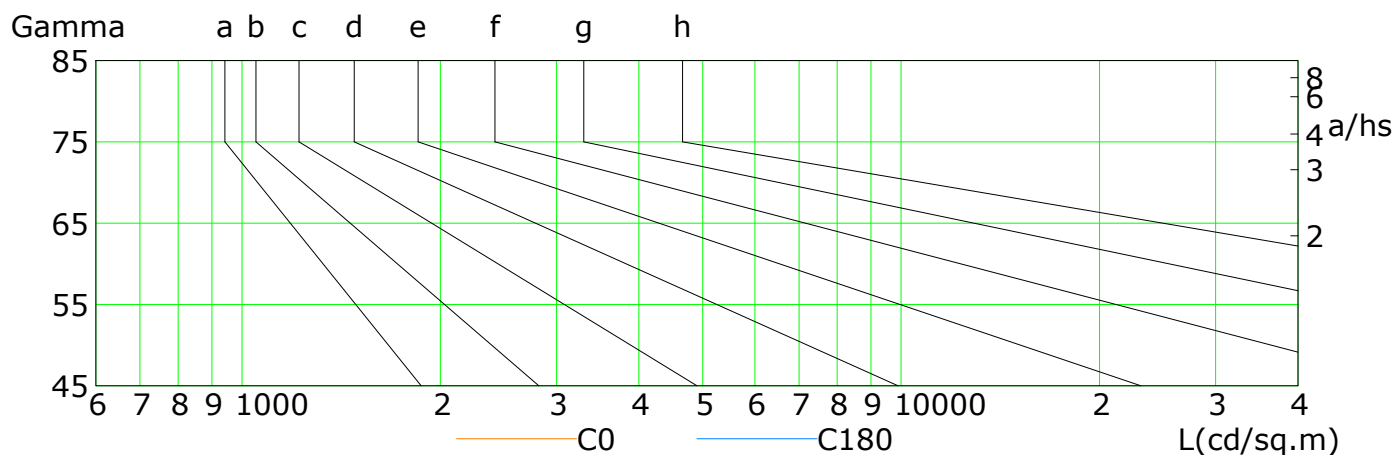
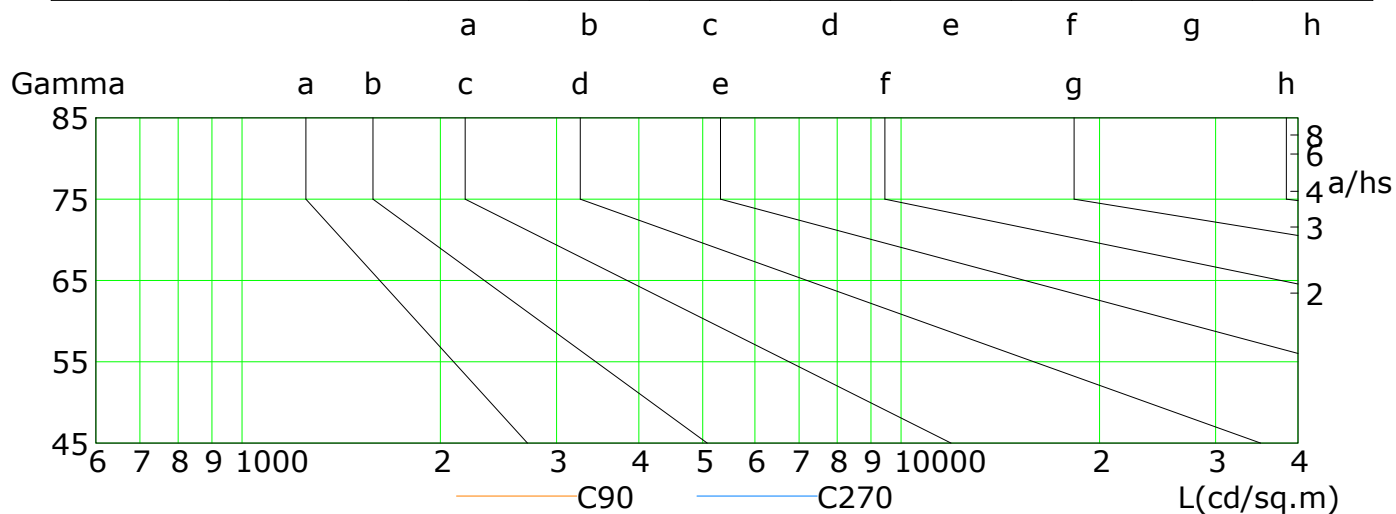


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	129	115	101	86	72	55	39	24	11
C90	134	123	110	97	83	68	53	38	25
C180	126	113	100	87	71	56	40	25	11
C270	127	115	102	88	74	59	45	31	20

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

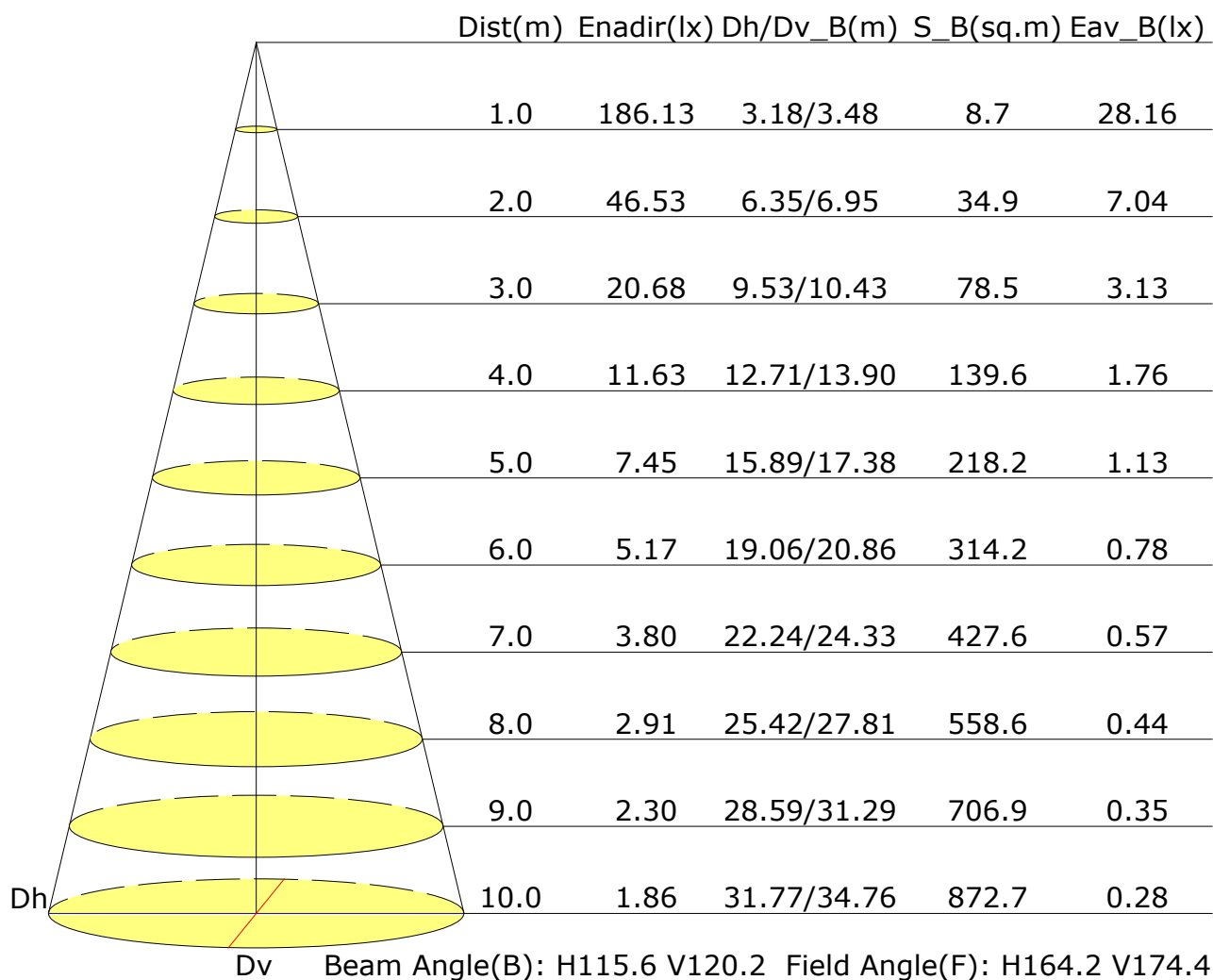
Test Device: GPM-1600L

Distance: 8.443 m

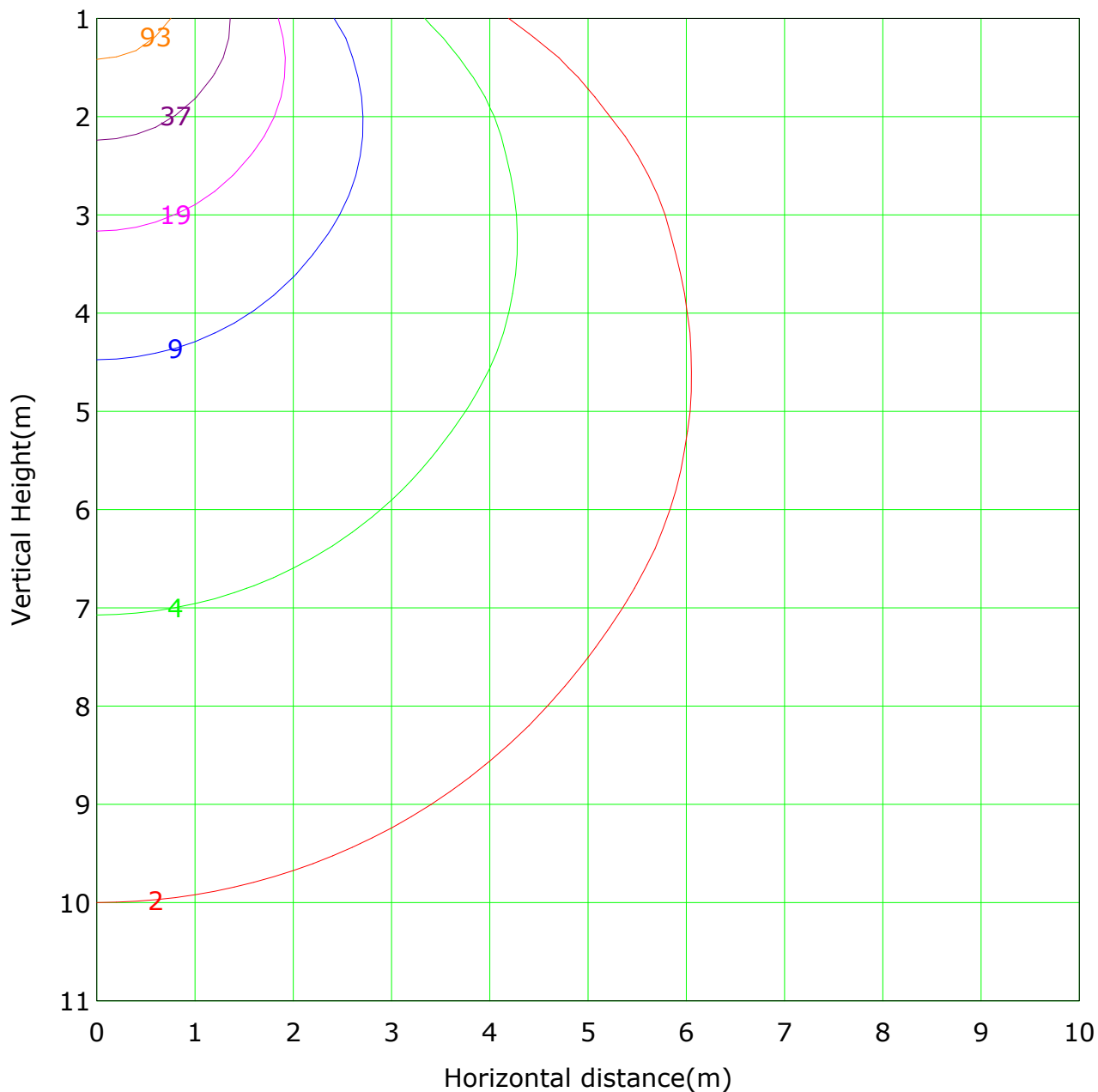
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 186.1 lx

(1%): 1.9 lx	(2%): 3.7 lx
(5%): 9.3 lx	(10%): 18.6 lx
(20%): 37.2 lx	(50%): 93.1 lx
(100%): 186.1 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:

Area Flux Table

Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(TT)	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	gFlux(TT)	Flux(E)
		0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.3	1.3	1.3	1.2	1.1	0.9	0.6	0.3	0.2	0.1	0.0	0.0		
0.1	0.5	3.3	3.8	10.1	19.7	30.7	42.0	52.1	59.8	64.0	64.0	59.8	52.1	42.1	30.9	19.6	10.0	3.2	0.1			564
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				
Horizontal plane																						

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

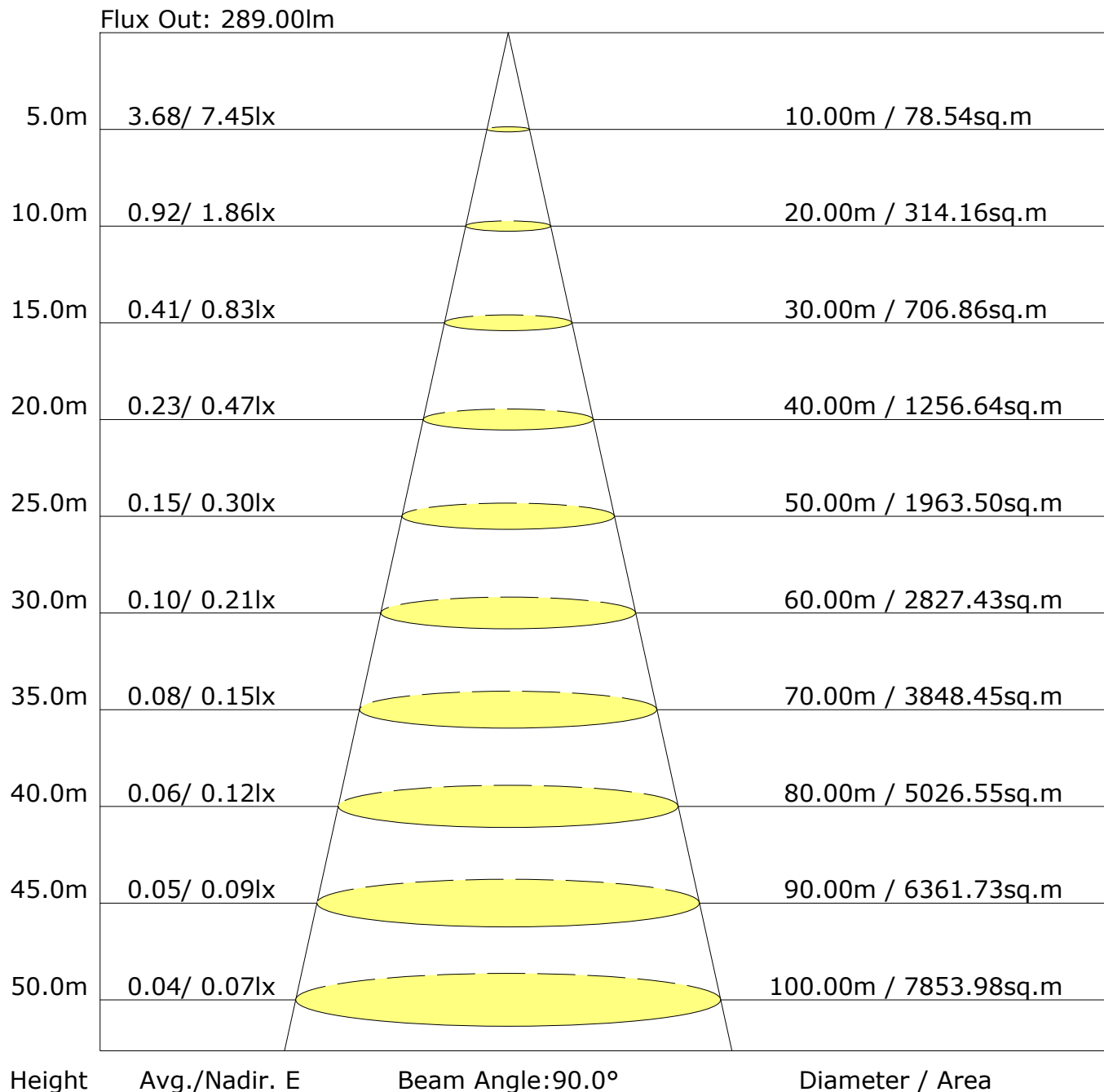
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

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	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 582lm ($8\log(F/F_0) = -1.9$).

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

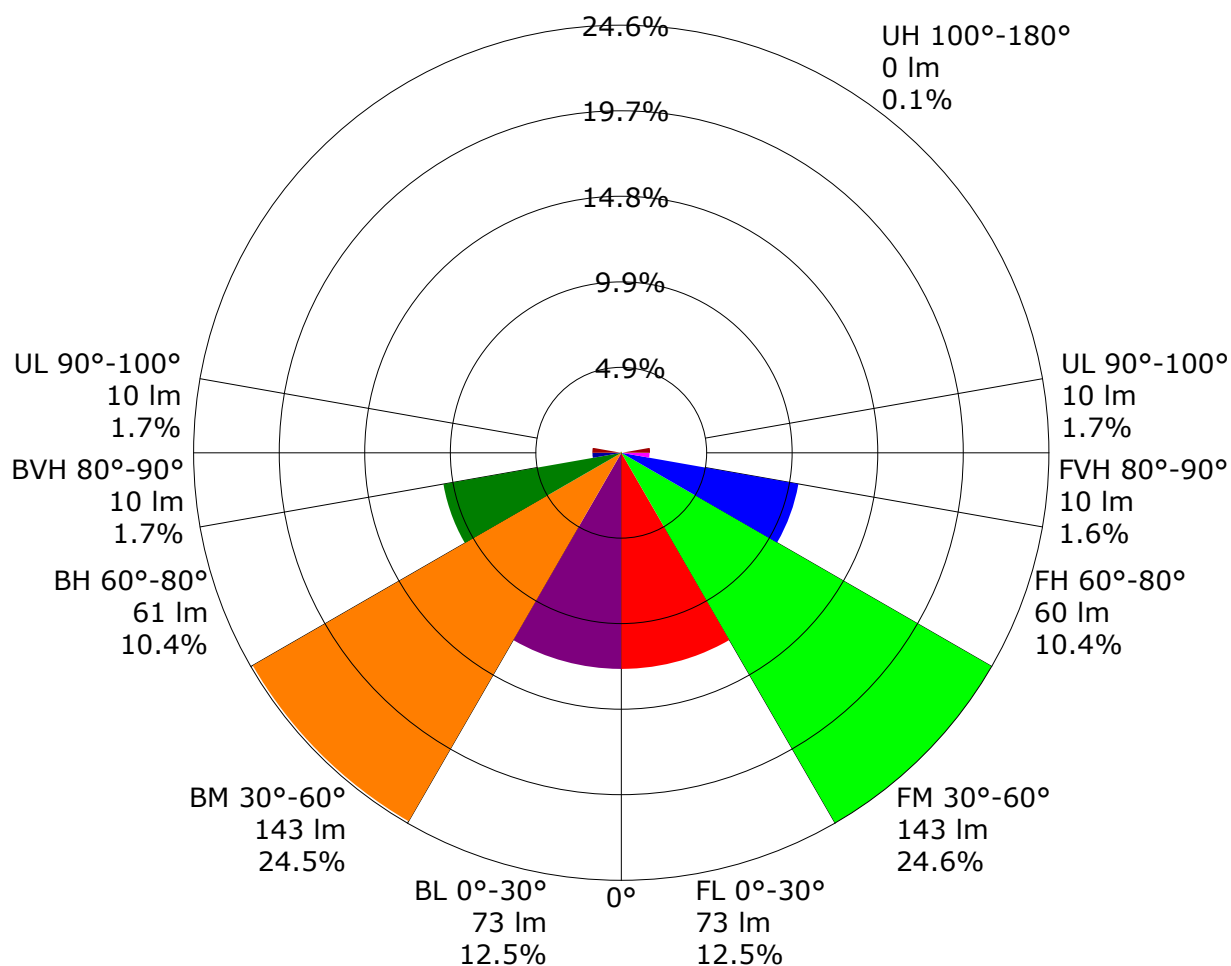
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	286	49.1
	FL (0°-30°)	73	12.5
	FM (30°-60°)	143	24.6
	FH (60°-80°)	60	10.4
	FVH (80°-90°)	10	1.6
	BACK LIGHT	286	49.1
	BL (0°-30°)	73	12.5
	BM (30°-60°)	143	24.5
	BH (60°-80°)	61	10.4
	BVH (80°-90°)	10	1.7
	UP LIGHT	10	1.7
	UL (90°-100°)	10	1.7
	UH (100°-180°)	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 = 1.25									
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	0.64	0.72	0.77	0.85	0.90	0.93	0.98	1.01	
	0.30		0.46	0.56	0.64	0.70	0.78	0.84	0.88	0.94	0.97	
	0.20		0.40	0.50	0.58	0.64	0.72	0.79	0.83	0.90	0.94	
0.50	0.50	0.20	0.52	0.62	0.69	0.74	0.81	0.86	0.89	0.94	0.97	
	0.30		0.45	0.55	0.62	0.68	0.76	0.81	0.85	0.90	0.94	
	0.20		0.40	0.50	0.57	0.63	0.71	0.77	0.81	0.87	0.91	
0.30	0.50	0.20	0.51	0.60	0.66	0.71	0.78	0.82	0.86	0.90	0.93	
	0.30		0.44	0.54	0.61	0.66	0.73	0.78	0.82	0.87	0.90	
	0.20		0.39	0.49	0.56	0.61	0.69	0.75	0.79	0.84	0.88	
0.00	0.00	0.00	0.37	0.46	0.53	0.58	0.65	0.71	0.74	0.79	0.82	
Rating:12W 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 = 1.25									
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	1.03	0.86	0.73	0.64	0.52	0.43	0.37	0.29	0.24	
	0.30		0.86	0.73	0.64	0.57	0.47	0.40	0.34	0.27	0.23	
	0.20		0.74	0.64	0.57	0.51	0.43	0.37	0.32	0.26	0.22	
0.50	0.50	0.20	0.99	0.82	0.70	0.61	0.49	0.44	0.35	0.28	0.23	
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.73	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.30	0.50	0.20	0.96	0.79	0.67	0.59	0.47	0.39	0.34	0.26	0.22	
	0.30		0.82	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.00	0.00	0.00	0.62	0.52	0.45	0.40	0.33	0.28	0.24	0.19	0.16	
Rating:12W 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 = 1.25									
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	0.18	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.24	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.22	0.23	
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.21	0.22	
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19	
	0.20		0.06	0.08	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating:12W 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	185.4	0.2	0.2	0.03	0.03
1.0-2.0	185.3	0.5	0.7	0.09	0.12
2.0-3.0	185.2	0.9	1.6	0.15	0.27
3.0-4.0	185.1	1.2	2.8	0.21	0.49
4.0-5.0	184.8	1.6	4.4	0.27	0.76
5.0-6.0	184.6	1.9	6.4	0.33	1.09
6.0-7.0	184.2	2.3	8.7	0.39	1.49
7.0-8.0	183.8	2.6	11.3	0.45	1.94
8.0-9.0	183.3	3.0	14.3	0.51	2.45
9.0-10.0	182.8	3.3	17.6	0.57	3.02
10.0-11.0	182.2	3.6	21.2	0.63	3.65
11.0-12.0	181.6	4.0	25.2	0.68	4.33
12.0-13.0	180.9	4.3	29.5	0.74	5.07
13.0-14.0	180.1	4.6	34.1	0.79	5.86
14.0-15.0	179.3	4.9	39.0	0.85	6.71
15.0-16.0	178.4	5.2	44.2	0.90	7.60
16.0-17.0	177.4	5.5	49.8	0.95	8.55
17.0-18.0	176.5	5.8	55.6	1.00	9.56
18.0-19.0	175.4	6.1	61.7	1.05	10.60
19.0-20.0	174.3	6.4	68.1	1.10	11.70
20.0-21.0	173.1	6.6	74.7	1.14	12.84
21.0-22.0	171.9	6.9	81.6	1.19	14.03
22.0-23.0	170.6	7.2	88.8	1.23	15.26
23.0-24.0	169.2	7.4	96.2	1.27	16.54
24.0-25.0	167.8	7.6	103.8	1.31	17.85
25.0-26.0	166.4	7.9	111.7	1.35	19.20
26.0-27.0	164.9	8.1	119.7	1.39	20.59
27.0-28.0	163.3	8.3	128.0	1.42	22.01
28.0-29.0	161.8	8.5	136.5	1.46	23.46
29.0-30.0	160.1	8.6	145.1	1.49	24.95
30.0-31.0	158.4	8.8	153.9	1.52	26.47
31.0-32.0	156.6	9.0	162.9	1.54	28.01
32.0-33.0	154.8	9.1	172.0	1.57	29.58
33.0-34.0	153.0	9.3	181.3	1.59	31.17
34.0-35.0	151.1	9.4	190.7	1.61	32.78
35.0-36.0	149.2	9.5	200.2	1.63	34.42

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	147.4	9.6	209.8	1.65	36.07
37.0-38.0	145.4	9.7	219.5	1.67	37.74
38.0-39.0	143.3	9.8	229.3	1.68	39.42
39.0-40.0	141.3	9.9	239.1	1.69	41.12
40.0-41.0	139.2	9.9	249.0	1.70	42.82
41.0-42.0	137.1	10.0	259.0	1.71	44.53
42.0-43.0	134.8	10.0	269.0	1.72	46.25
43.0-44.0	132.5	10.0	279.0	1.72	47.97
44.0-45.0	130.3	10.0	289.0	1.72	49.69
45.0-46.0	127.8	10.0	299.0	1.72	51.41
46.0-47.0	125.4	10.0	309.0	1.72	53.13
47.0-48.0	123.0	9.9	318.9	1.71	54.84
48.0-49.0	120.4	9.9	328.8	1.70	56.54
49.0-50.0	118.0	9.8	338.7	1.69	58.23
50.0-51.0	115.4	9.8	348.4	1.68	59.91
51.0-52.0	112.7	9.7	358.1	1.66	61.57
52.0-53.0	110.1	9.6	367.7	1.65	63.22
53.0-54.0	107.4	9.5	377.1	1.63	64.85
54.0-55.0	104.8	9.4	386.5	1.61	66.45
55.0-56.0	102.1	9.2	395.7	1.59	68.04
56.0-57.0	99.4	9.1	404.8	1.56	69.60
57.0-58.0	96.7	8.9	413.8	1.54	71.14
58.0-59.0	93.9	8.8	422.5	1.51	72.65
59.0-60.0	91.0	8.6	431.1	1.48	74.13
60.0-61.0	88.1	8.4	439.5	1.45	75.58
61.0-62.0	85.2	8.2	447.8	1.41	76.99
62.0-63.0	82.4	8.0	455.8	1.38	78.37
63.0-64.0	79.4	7.8	463.6	1.34	79.71
64.0-65.0	76.4	7.6	471.1	1.30	81.01
65.0-66.0	73.5	7.3	478.5	1.26	82.27
66.0-67.0	70.4	7.1	485.5	1.22	83.48
67.0-68.0	67.3	6.8	492.4	1.17	84.66
68.0-69.0	64.1	6.5	498.9	1.13	85.78
69.0-70.0	61.1	6.3	505.2	1.08	86.86
70.0-71.0	58.2	6.0	511.2	1.03	87.89
71.0-72.0	55.1	5.7	516.9	0.99	88.88

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	52.1	5.4	522.4	0.94	89.82
73.0-74.0	49.1	5.2	527.5	0.89	90.70
74.0-75.0	45.9	4.8	532.4	0.83	91.54
75.0-76.0	42.8	4.5	536.9	0.78	92.32
76.0-77.0	39.9	4.3	541.2	0.73	93.05
77.0-78.0	36.9	3.9	545.1	0.68	93.73
78.0-79.0	34.0	3.6	548.8	0.63	94.36
79.0-80.0	31.1	3.4	552.1	0.58	94.93
80.0-81.0	28.2	3.1	555.2	0.53	95.46
81.0-82.0	25.6	2.8	557.9	0.48	95.93
82.0-83.0	22.9	2.5	560.4	0.43	96.36
83.0-84.0	20.4	2.2	562.7	0.38	96.75
84.0-85.0	18.1	2.0	564.6	0.34	97.08
85.0-86.0	15.9	1.7	566.4	0.30	97.38
86.0-87.0	14.0	1.5	567.9	0.26	97.65
87.0-88.0	12.2	1.3	569.2	0.23	97.88
88.0-89.0	10.7	1.2	570.4	0.20	98.08
89.0-90.0	9.5	1.0	571.5	0.18	98.26
90.0-91.0	8.9	1.0	572.4	0.17	98.42
91.0-92.0	9.1	1.0	573.4	0.17	98.60
92.0-93.0	9.3	1.0	574.4	0.18	98.77
93.0-94.0	9.4	1.0	575.5	0.18	98.95
94.0-95.0	9.3	1.0	576.5	0.18	99.12
95.0-96.0	9.1	1.0	577.5	0.17	99.29
96.0-97.0	8.9	1.0	578.5	0.17	99.46
97.0-98.0	8.6	0.9	579.4	0.16	99.62
98.0-99.0	8.3	0.9	580.3	0.16	99.78
99.0-100.0	8.0	0.9	581.2	0.15	99.93
100.0-101.0	4.0	0.4	581.6	0.07	100.00
101.0-102.0	0.0	0.0	581.6	0.00	100.00
102.0-103.0	0.0	0.0	581.6	0.00	100.00
103.0-104.0	0.0	0.0	581.6	0.00	100.00
104.0-105.0	0.0	0.0	581.6	0.00	100.00
105.0-106.0	0.0	0.0	581.6	0.00	100.00
106.0-107.0	0.0	0.0	581.6	0.00	100.00
107.0-108.0	0.0	0.0	581.6	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	581.6	0.00	100.00
109.0-110.0	0.0	0.0	581.6	0.00	100.00
110.0-111.0	0.0	0.0	581.6	0.00	100.00
111.0-112.0	0.0	0.0	581.6	0.00	100.00
112.0-113.0	0.0	0.0	581.6	0.00	100.00
113.0-114.0	0.0	0.0	581.6	0.00	100.00
114.0-115.0	0.0	0.0	581.6	0.00	100.00
115.0-116.0	0.0	0.0	581.6	0.00	100.00
116.0-117.0	0.0	0.0	581.6	0.00	100.00
117.0-118.0	0.0	0.0	581.6	0.00	100.00
118.0-119.0	0.0	0.0	581.6	0.00	100.00
119.0-120.0	0.0	0.0	581.6	0.00	100.00
120.0-121.0	0.0	0.0	581.6	0.00	100.00
121.0-122.0	0.0	0.0	581.6	0.00	100.00
122.0-123.0	0.0	0.0	581.6	0.00	100.00
123.0-124.0	0.0	0.0	581.6	0.00	100.00
124.0-125.0	0.0	0.0	581.6	0.00	100.00
125.0-126.0	0.0	0.0	581.6	0.00	100.00
126.0-127.0	0.0	0.0	581.6	0.00	100.00
127.0-128.0	0.0	0.0	581.6	0.00	100.00
128.0-129.0	0.0	0.0	581.6	0.00	100.00
129.0-130.0	0.0	0.0	581.6	0.00	100.00
130.0-131.0	0.0	0.0	581.6	0.00	100.00
131.0-132.0	0.0	0.0	581.6	0.00	100.00
132.0-133.0	0.0	0.0	581.6	0.00	100.00
133.0-134.0	0.0	0.0	581.6	0.00	100.00
134.0-135.0	0.0	0.0	581.6	0.00	100.00
135.0-136.0	0.0	0.0	581.6	0.00	100.00
136.0-137.0	0.0	0.0	581.6	0.00	100.00
137.0-138.0	0.0	0.0	581.6	0.00	100.00
138.0-139.0	0.0	0.0	581.6	0.00	100.00
139.0-140.0	0.0	0.0	581.6	0.00	100.00
140.0-141.0	0.0	0.0	581.6	0.00	100.00
141.0-142.0	0.0	0.0	581.6	0.00	100.00
142.0-143.0	0.0	0.0	581.6	0.00	100.00
143.0-144.0	0.0	0.0	581.6	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	581.6	0.00	100.00
145.0-146.0	0.0	0.0	581.6	0.00	100.00
146.0-147.0	0.0	0.0	581.6	0.00	100.00
147.0-148.0	0.0	0.0	581.6	0.00	100.00
148.0-149.0	0.0	0.0	581.6	0.00	100.00
149.0-150.0	0.0	0.0	581.6	0.00	100.00
150.0-151.0	0.0	0.0	581.6	0.00	100.00
151.0-152.0	0.0	0.0	581.6	0.00	100.00
152.0-153.0	0.0	0.0	581.6	0.00	100.00
153.0-154.0	0.0	0.0	581.6	0.00	100.00
154.0-155.0	0.0	0.0	581.6	0.00	100.00
155.0-156.0	0.0	0.0	581.6	0.00	100.00
156.0-157.0	0.0	0.0	581.6	0.00	100.00
157.0-158.0	0.0	0.0	581.6	0.00	100.00
158.0-159.0	0.0	0.0	581.6	0.00	100.00
159.0-160.0	0.0	0.0	581.6	0.00	100.00
160.0-161.0	0.0	0.0	581.6	0.00	100.00
161.0-162.0	0.0	0.0	581.6	0.00	100.00
162.0-163.0	0.0	0.0	581.6	0.00	100.00
163.0-164.0	0.0	0.0	581.6	0.00	100.00
164.0-165.0	0.0	0.0	581.6	0.00	100.00
165.0-166.0	0.0	0.0	581.6	0.00	100.00
166.0-167.0	0.0	0.0	581.6	0.00	100.00
167.0-168.0	0.0	0.0	581.6	0.00	100.00
168.0-169.0	0.0	0.0	581.6	0.00	100.00
169.0-170.0	0.0	0.0	581.6	0.00	100.00
170.0-171.0	0.0	0.0	581.6	0.00	100.00
171.0-172.0	0.0	0.0	581.6	0.00	100.00
172.0-173.0	0.0	0.0	581.6	0.00	100.00
173.0-174.0	0.0	0.0	581.6	0.00	100.00
174.0-175.0	0.0	0.0	581.6	0.00	100.00
175.0-176.0	0.0	0.0	581.6	0.00	100.00
176.0-177.0	0.0	0.0	581.6	0.00	100.00
177.0-178.0	0.0	0.0	581.6	0.00	100.00
178.0-179.0	0.0	0.0	581.6	0.00	100.00
179.0-180.0	0.0	0.0	581.6	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	186.1	184.7	186.1	184.7	186.1					
G1.0	186.1	184.7	186.1	184.6	186.1					
G2.0	186.0	184.8	186.0	184.4	186.0					
G3.0	185.8	184.7	185.9	184.2	185.8					
G4.0	185.6	184.6	185.6	184.0	185.6					
G5.0	185.3	184.5	185.4	183.7	185.3					
G6.0	184.9	184.3	185.0	183.3	184.9					
G7.0	184.5	184.1	184.6	182.9	184.5					
G8.0	184.0	183.8	184.1	182.4	184.0					
G9.0	183.4	183.4	183.6	181.9	183.4					
G10.0	182.9	183.0	183.0	181.4	182.9					
G11.0	182.1	182.5	182.3	180.7	182.1					
G12.0	181.4	182.0	181.6	180.0	181.4					
G13.0	180.6	181.5	180.8	179.2	180.6					
G14.0	179.7	180.8	179.9	178.4	179.7					
G15.0	178.8	180.1	179.0	177.5	178.8					
G16.0	177.8	179.4	178.0	176.6	177.8					
G17.0	176.7	178.6	177.0	175.6	176.7					
G18.0	175.7	177.8	175.9	174.6	175.7					
G19.0	174.4	176.8	174.7	173.4	174.4					
G20.0	173.3	175.8	173.5	172.3	173.3					
G21.0	172.0	174.8	172.2	171.1	172.0					
G22.0	170.6	173.7	170.8	169.8	170.6					
G23.0	169.2	172.5	169.5	168.5	169.2					
G24.0	167.7	171.3	168.0	167.1	167.7					
G25.0	166.2	170.0	166.5	165.7	166.2					
G26.0	164.8	168.8	164.9	164.3	164.8					
G27.0	163.1	167.3	163.3	162.7	163.1					
G28.0	161.5	165.9	161.7	161.1	161.5					
G29.0	159.8	164.5	160.0	159.6	159.8					
G30.0	158.0	162.9	158.1	157.8	158.0					
G31.0	156.3	161.4	156.4	156.2	156.3					
G32.0	154.3	159.6	154.4	154.3	154.3					
G33.0	152.6	158.0	152.6	152.6	152.6					
G34.0	150.8	156.3	150.6	150.8	150.8					
G35.0	148.9	154.5	148.5	148.7	148.9					
G36.0	147.1	152.8	146.5	146.9	147.1					

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 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	145.4	150.9	144.6	144.9	145.4					
G38.0	143.3	148.8	142.2	142.8	143.3					
G39.0	141.5	147.0	140.2	140.9	141.5					
G40.0	139.4	144.9	137.8	138.6	139.4					
G41.0	137.5	142.9	135.6	136.5	137.5					
G42.0	135.5	141.0	133.3	134.4	135.5					
G43.0	133.1	138.7	130.8	131.9	133.1					
G44.0	130.8	136.6	128.6	129.8	130.8					
G45.0	128.5	134.4	125.9	127.4	128.5					
G46.0	125.8	132.1	123.5	125.0	125.8					
G47.0	123.4	130.0	121.0	122.8	123.4					
G48.0	120.6	127.5	118.3	120.2	120.6					
G49.0	118.0	125.2	115.8	117.8	118.0					
G50.0	115.5	122.9	113.3	115.4	115.5					
G51.0	112.6	120.3	110.5	112.6	112.6					
G52.0	109.8	117.9	108.0	110.2	109.8					
G53.0	106.7	115.3	105.3	107.5	106.7					
G54.0	104.0	112.8	102.8	104.8	104.0					
G55.0	101.2	110.3	100.4	102.3	101.2					
G56.0	98.0	107.5	97.9	99.5	98.0					
G57.0	95.2	104.9	95.4	96.7	95.2					
G58.0	92.2	102.4	92.8	94.1	92.2					
G59.0	89.1	99.5	89.8	91.2	89.1					
G60.0	86.2	96.9	86.9	88.4	86.2					
G61.0	83.3	94.0	83.8	85.5	83.3					
G62.0	80.7	91.2	80.8	82.6	80.7					
G63.0	77.9	88.5	77.8	79.9	77.9					
G64.0	74.8	85.4	74.4	76.9	74.8					
G65.0	71.8	82.7	71.4	74.0	71.8					
G66.0	68.6	79.9	68.3	71.2	68.6					
G67.0	65.2	76.7	65.0	68.2	65.2					
G68.0	62.0	73.9	61.9	65.2	62.0					
G69.0	58.4	70.7	58.8	62.2	58.4					
G70.0	55.2	67.9	56.2	59.4	55.2					
G71.0	52.1	64.9	53.1	56.5	52.1					
G72.0	49.2	61.8	49.8	53.4	49.2					
G73.0	46.2	59.0	46.6	50.7	46.2					

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	42.8	56.0	43.4	47.9	42.8					
G75.0	39.3	52.9	39.9	44.8	39.3					
G76.0	36.3	50.0	37.3	42.0	36.3					
G77.0	33.3	46.9	34.0	39.1	33.3					
G78.0	30.2	44.0	30.9	36.5	30.2					
G79.0	27.0	41.3	28.0	33.8	27.0					
G80.0	24.1	38.4	25.0	31.1	24.1					
G81.0	21.2	35.6	21.9	28.7	21.2					
G82.0	18.4	33.1	19.3	26.3	18.4					
G83.0	15.6	30.4	16.5	23.9	15.6					
G84.0	13.2	28.0	14.0	21.9	13.2					
G85.0	10.7	25.5	11.4	19.9	10.7					
G86.0	8.6	23.2	9.3	18.3	8.6					
G87.0	6.9	21.2	6.9	17.2	6.9					
G88.0	5.0	19.2	4.9	16.4	5.0					
G89.0	3.2	17.6	3.5	16.1	3.2					
G90.0	1.2	16.4	1.9	16.0	1.2					
G91.0	2.8	15.6	1.2	16.0	2.8					
G92.0	3.5	15.3	2.2	16.0	3.5					
G93.0	3.8	15.2	2.7	15.9	3.8					
G94.0	3.7	15.2	2.8	15.9	3.7					
G95.0	3.5	15.2	2.4	15.8	3.5					
G96.0	3.3	14.9	2.1	15.7	3.3					
G97.0	3.0	14.5	2.0	15.6	3.0					
G98.0	2.8	13.9	1.8	15.4	2.8					
G99.0	2.6	13.2	1.7	15.3	2.6					
G100.0	2.4	12.7	1.5	15.0	2.4					
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: