

Report No.: 1

Test Time: 2015/11/6 11:03

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: LT-I1219-IA118A6

Current: 0.094 A

Power Factor: 0.971

Voltage: 220V

Power: 20.12 W

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 2143.6 lm

Downward Ratio: 79%

Horizontal Diffuse Angle(25%,50%): H142.7,H112.9

Vertical Diffuse Angle(25%,50%): V252.4,V200.9

Luminaire Efficacy Rating (LER): 107

Max. Intensity: 402.55 cd

Total Rated Lamp Lumens: 2143.6 lm

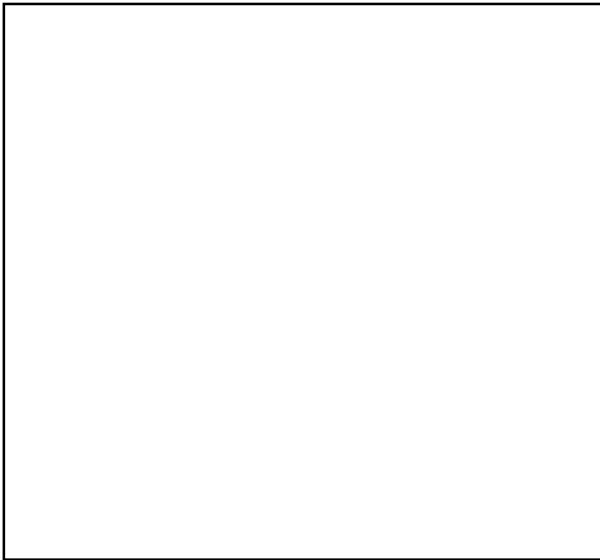
Efficiency: 100%

Upward Ratio: 21%

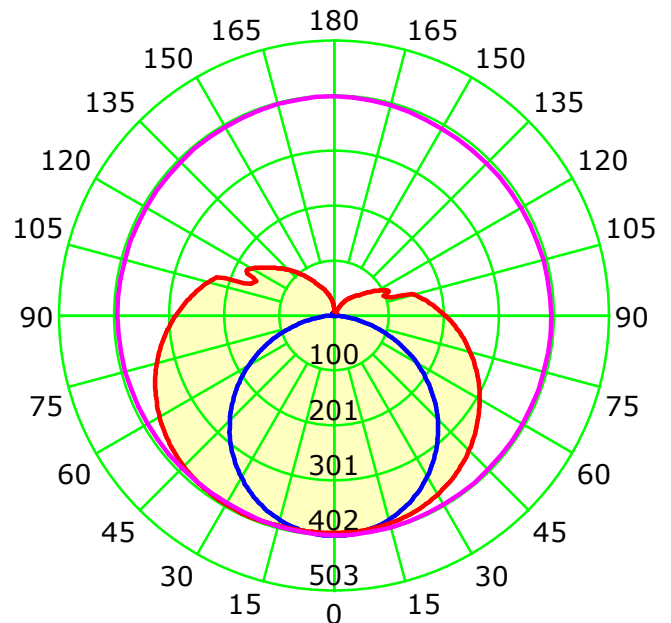
Central Intensity: 402.54 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 156.9° Unit: cd

— C0-C180 — C90-C270 — G0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

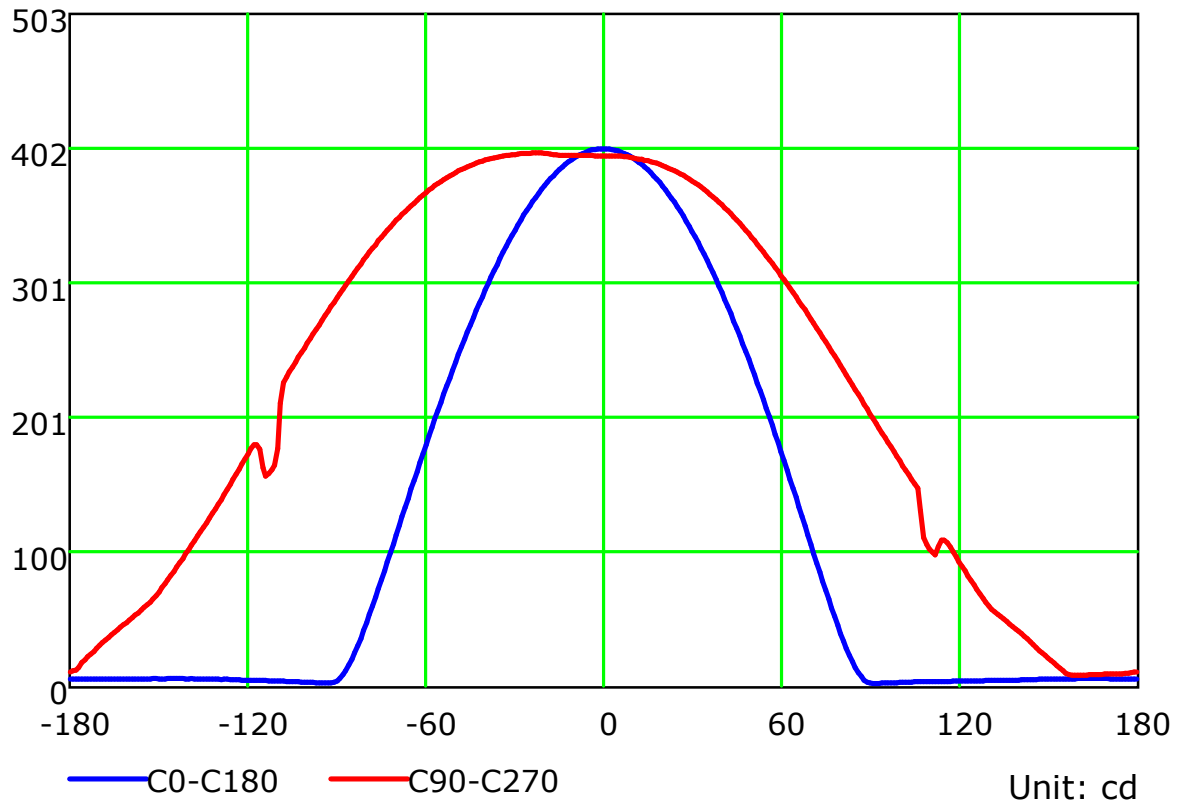
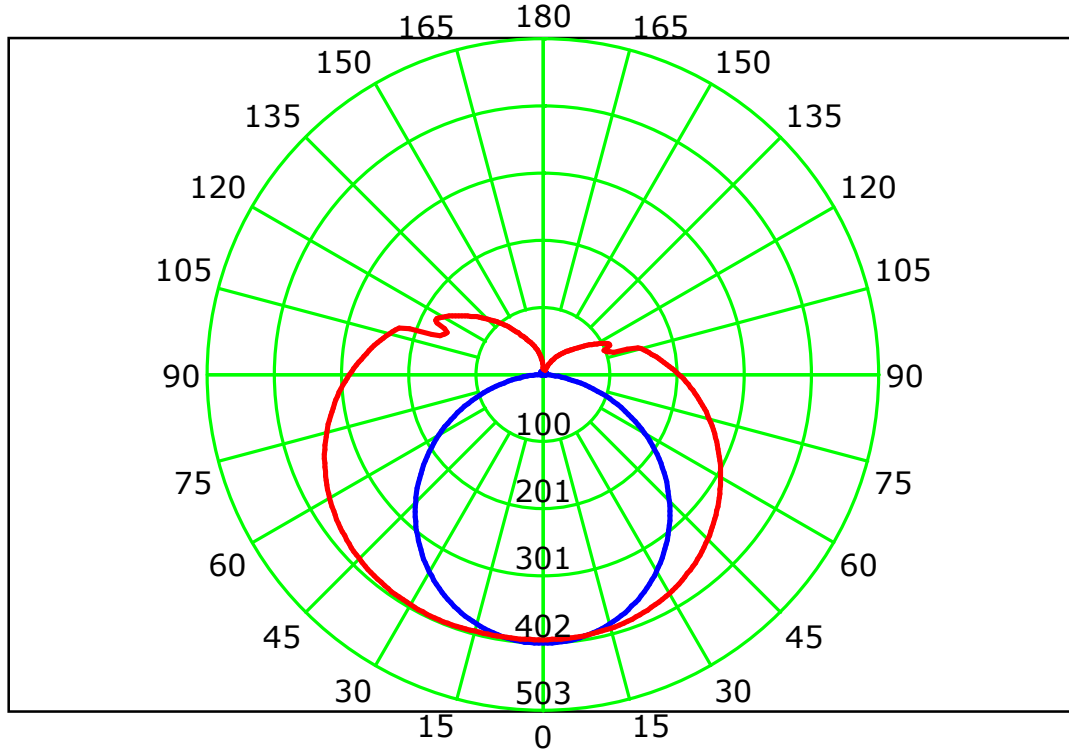
Test Device: GPM-1800B

Distance: 8.008 m

Humidity:

Inspector:

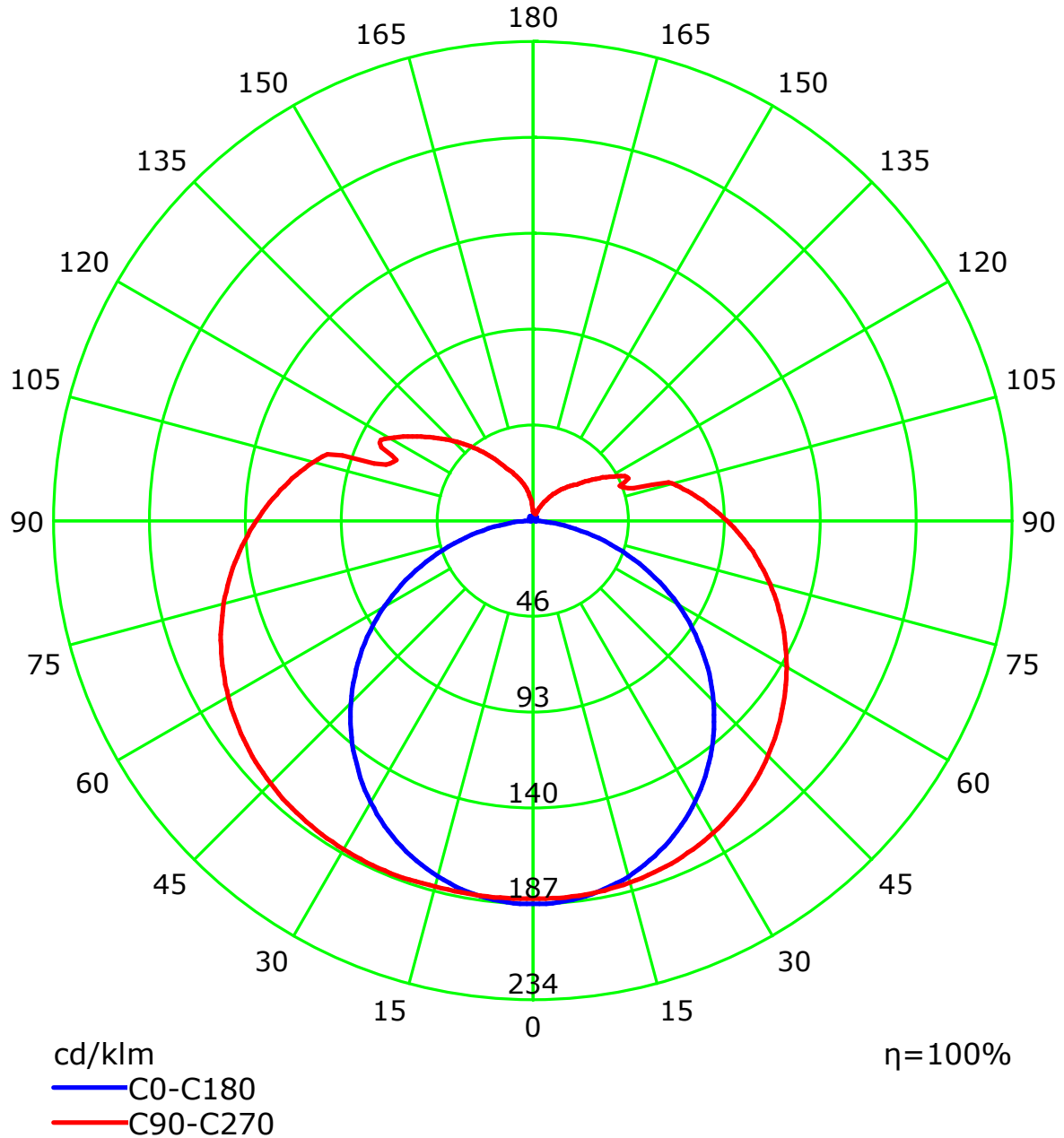
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

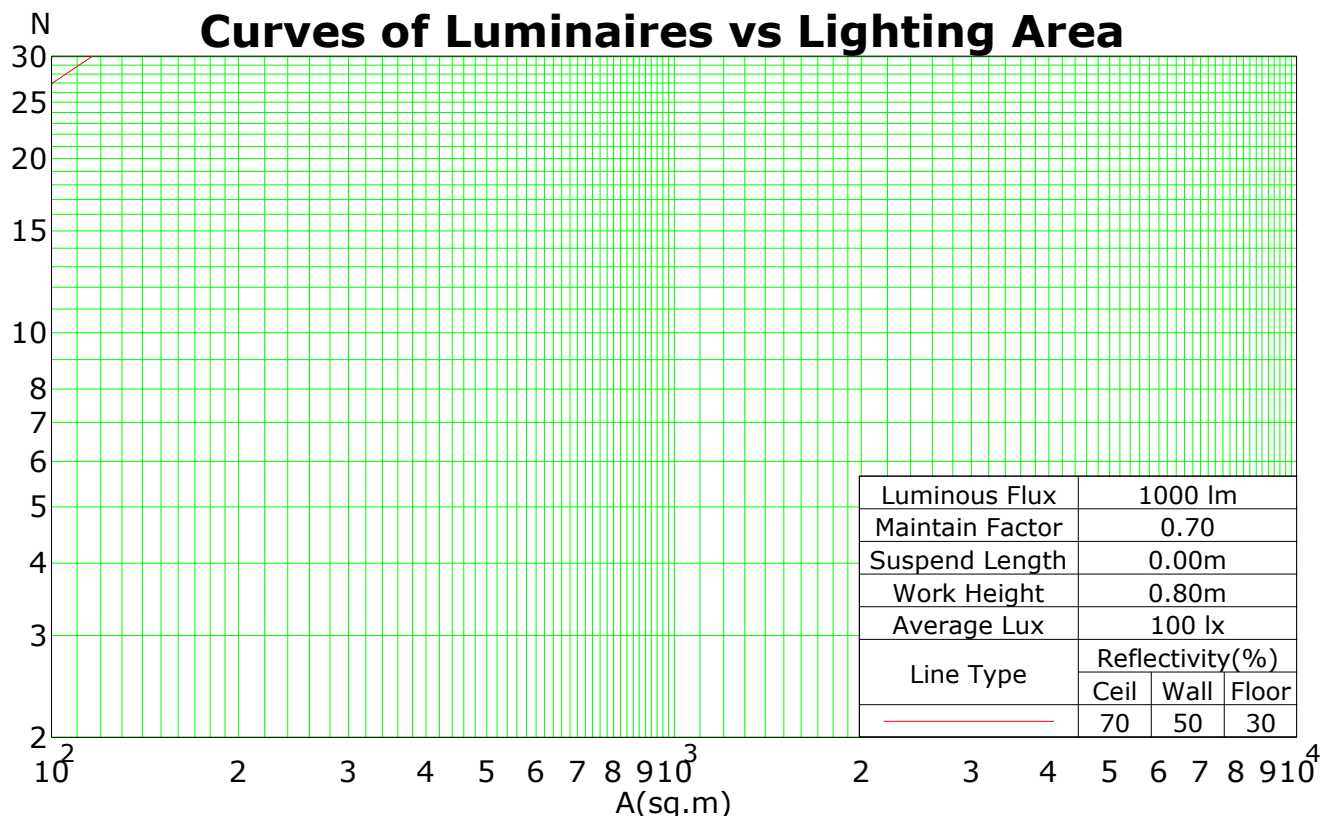
Coefficients Of Utilization - Zonal Cavity Method

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	114	114	114	114	109	109	109	109	99	99	99	91	91	91	82	82	82	79
1	100	94	88	83	95	90	85	80	81	77	74	74	71	68	67	64	62	58
2	90	80	72	65	85	76	69	63	69	63	58	63	58	54	56	53	49	46
3	81	69	60	53	77	66	58	51	60	53	47	54	48	44	49	44	40	37
4	74	61	51	44	70	58	49	42	52	45	39	48	41	36	43	38	34	31
5	67	54	44	37	64	51	42	36	47	39	33	42	36	31	38	33	29	26
6	62	48	38	32	59	46	37	31	42	34	29	38	32	27	35	29	25	22
7	57	43	34	28	54	41	33	27	38	30	25	35	28	23	31	26	22	19
8	53	39	30	24	50	38	29	24	34	27	22	32	25	21	29	23	19	17
9	50	36	27	22	47	34	26	21	32	25	20	29	23	19	27	21	17	15
10	46	33	25	19	44	32	24	19	29	22	18	27	21	17	25	19	16	14

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.48

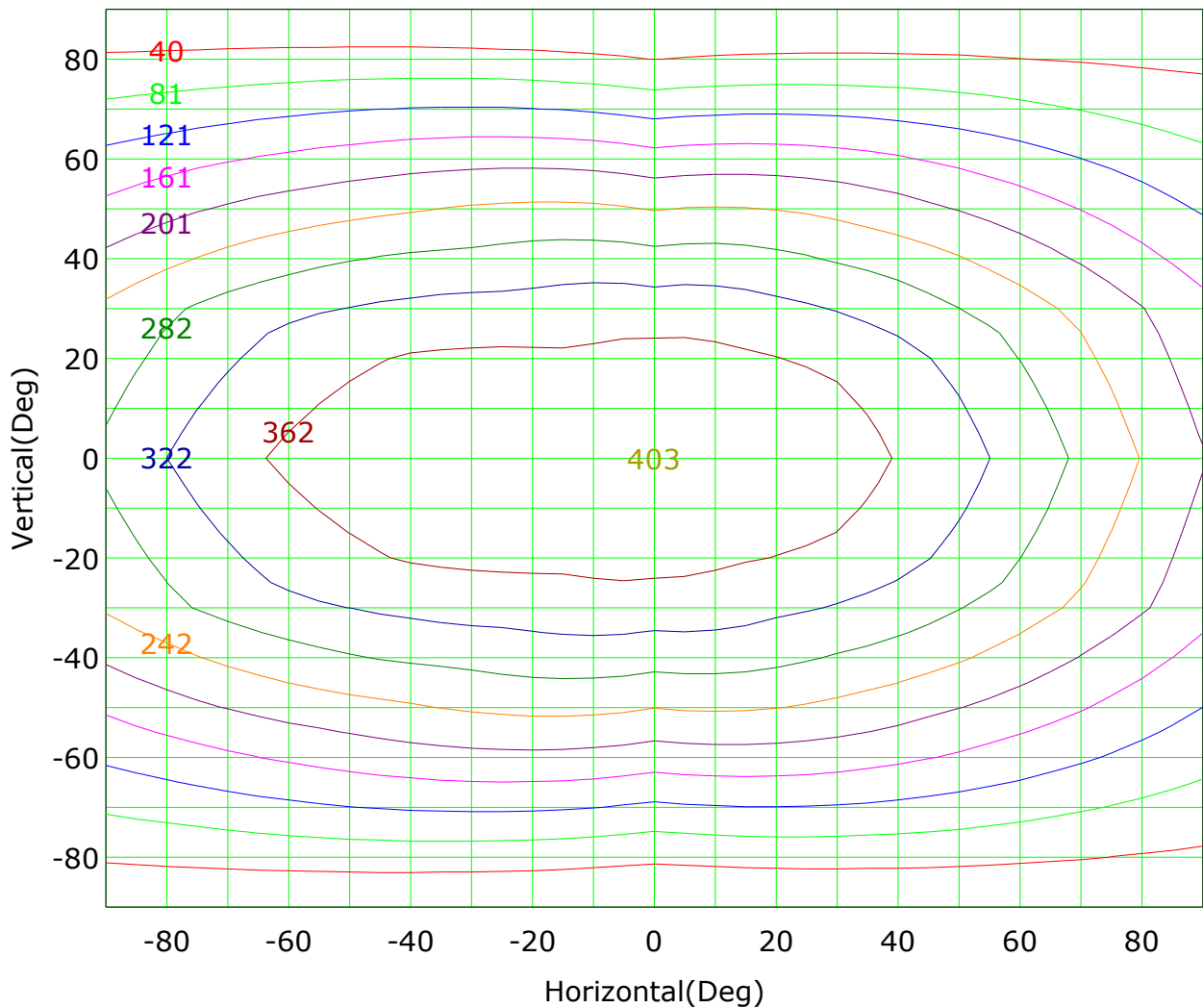
Spacing Criteria (Diagonal): 1.51



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Isocandela (rectangle)



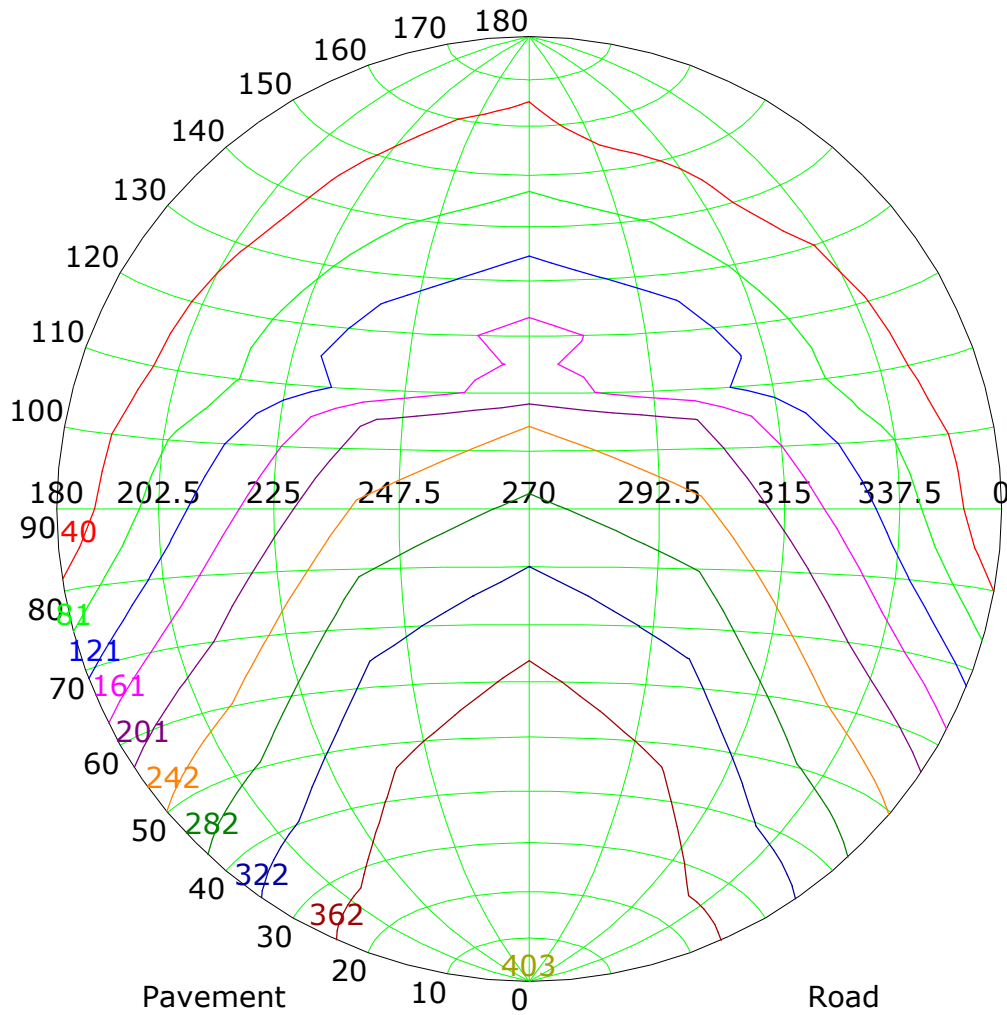
Imax (100%): 403 cd

(10%): 40 cd	(20%): 81 cd
(30%): 121 cd	(40%): 161 cd
(50%): 201 cd	(60%): 242 cd
(70%): 282 cd	(80%): 322 cd
(90%): 362 cd	(100%): 403 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Isocandela (sphere)



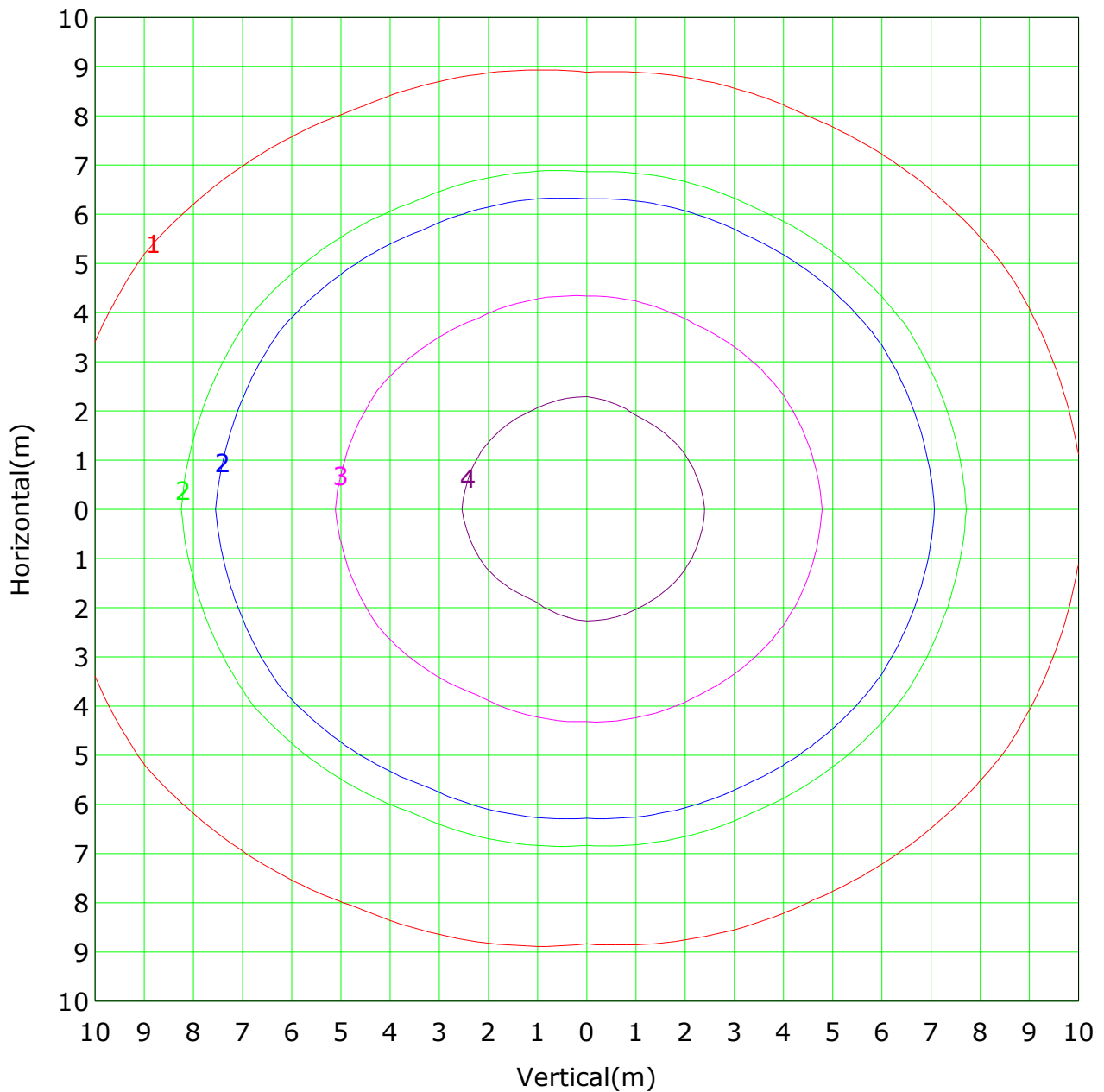
Imax (100%): 403 cd

(10%): 40 cd	(20%): 81 cd
(30%): 121 cd	(40%): 161 cd
(50%): 201 cd	(60%): 242 cd
(70%): 282 cd	(80%): 322 cd
(90%): 362 cd	(100%): 403 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.0 lx

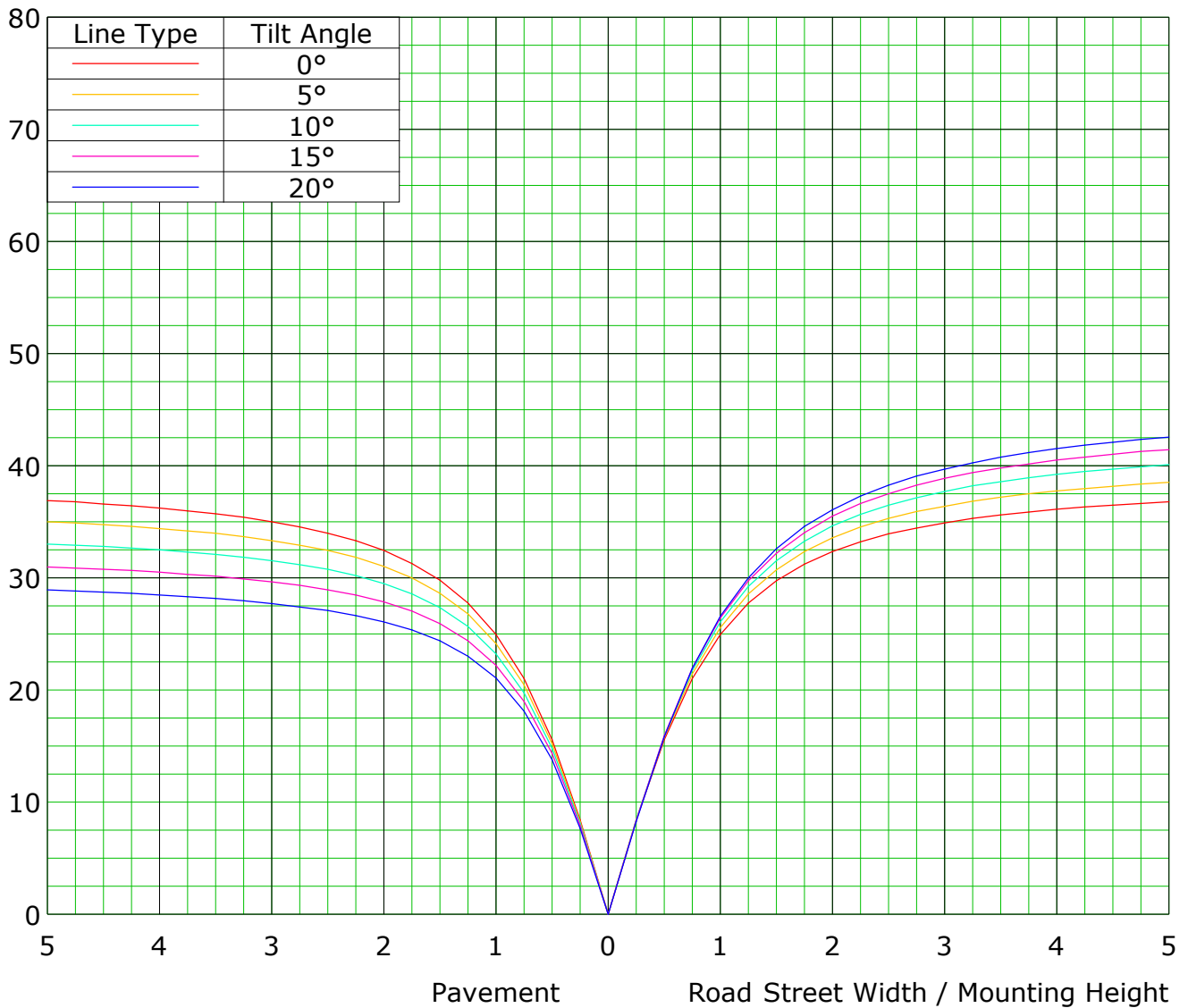
(30%): 1.2 lx	(45%): 1.8 lx
(50%): 2.0 lx	(70%): 2.8 lx
(90%): 3.6 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



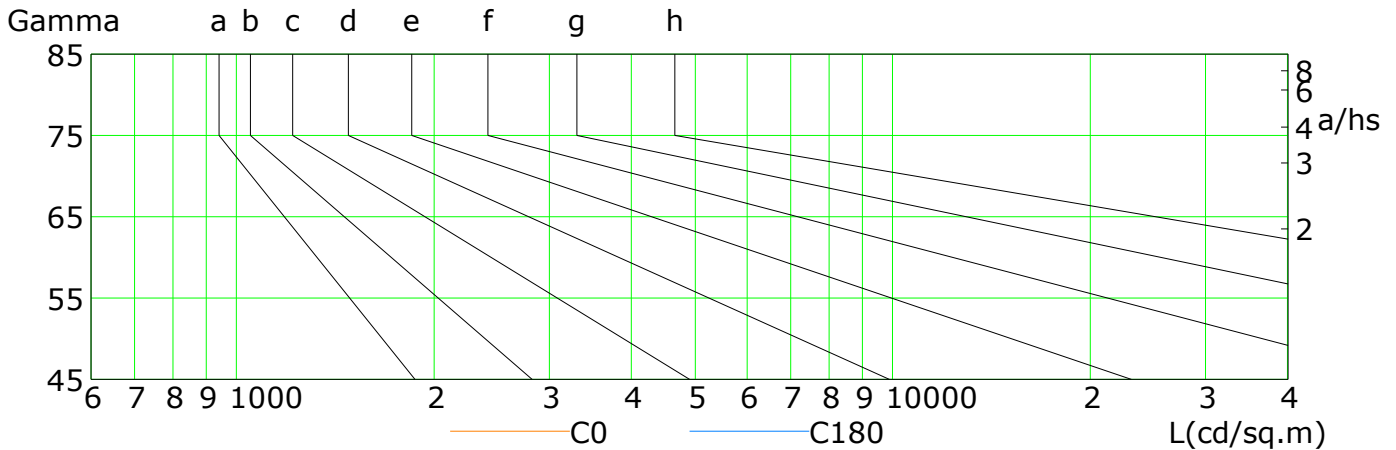
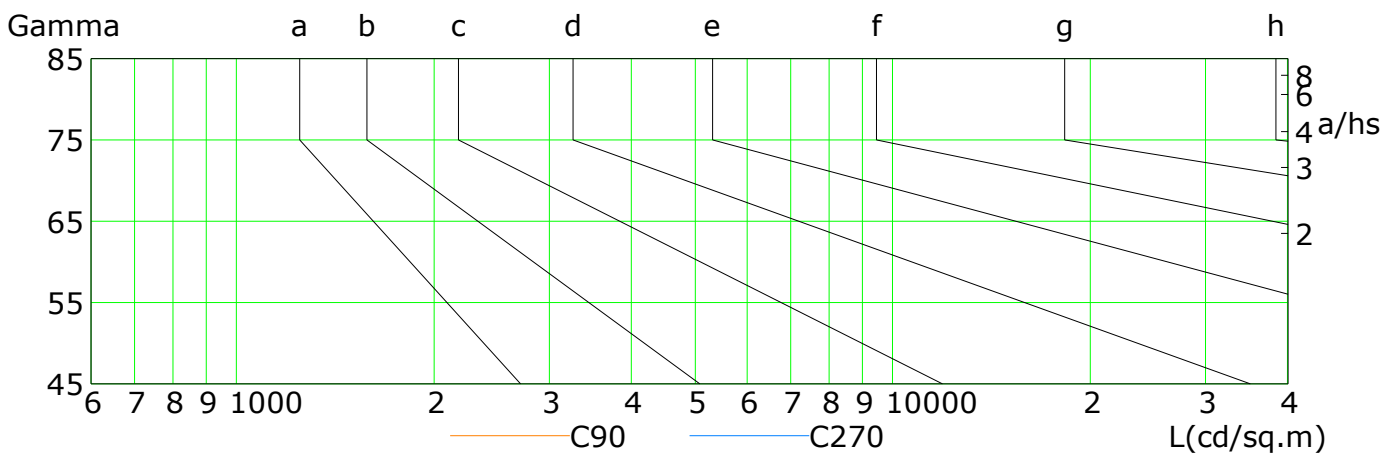
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 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

a b c d e f g h

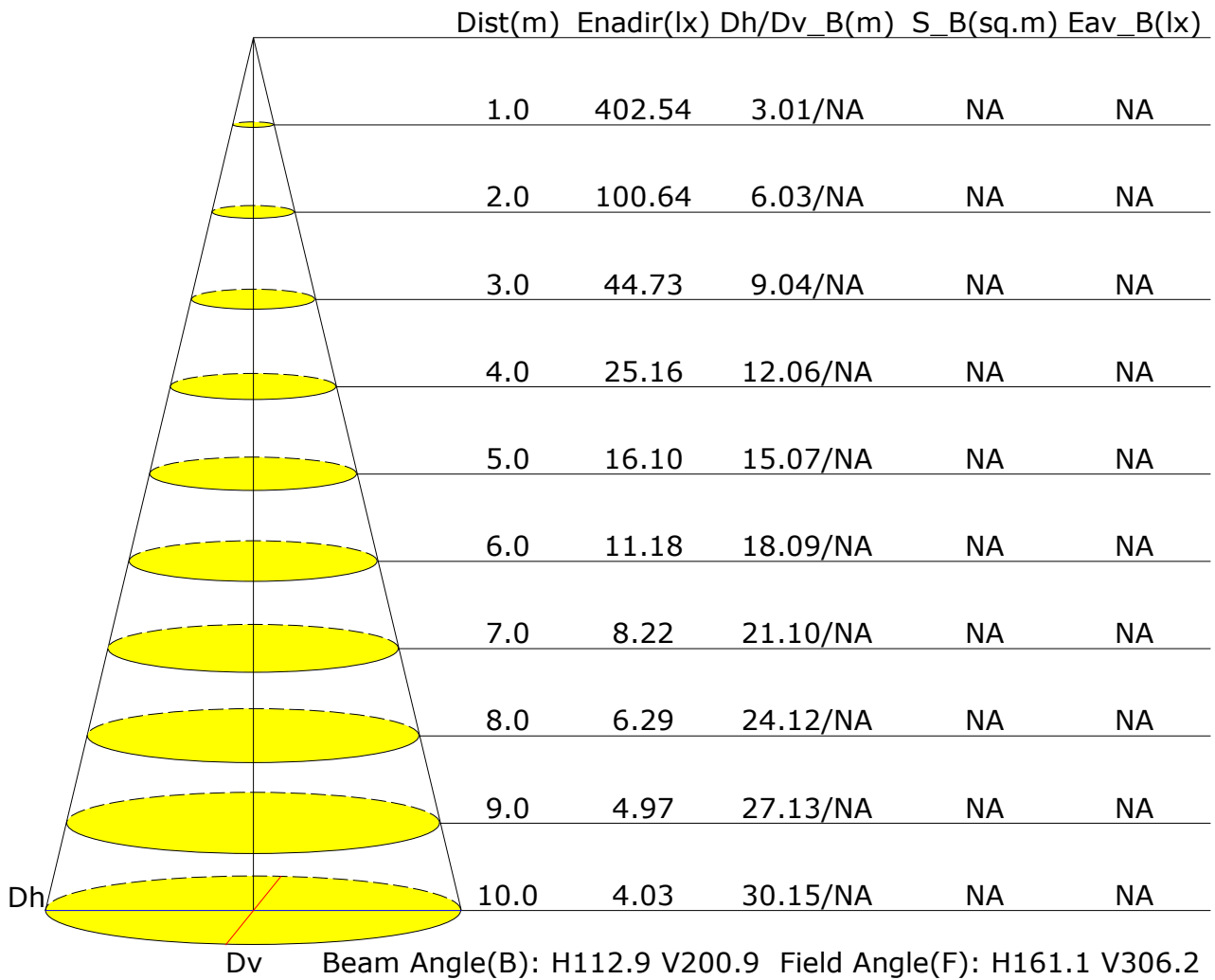


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	268	239	208	176	142	106	72	40	14
C90	349	336	322	308	292	275	258	240	222
C180	271	243	213	181	148	113	80	48	20
C270	390	385	378	370	360	349	336	322	307

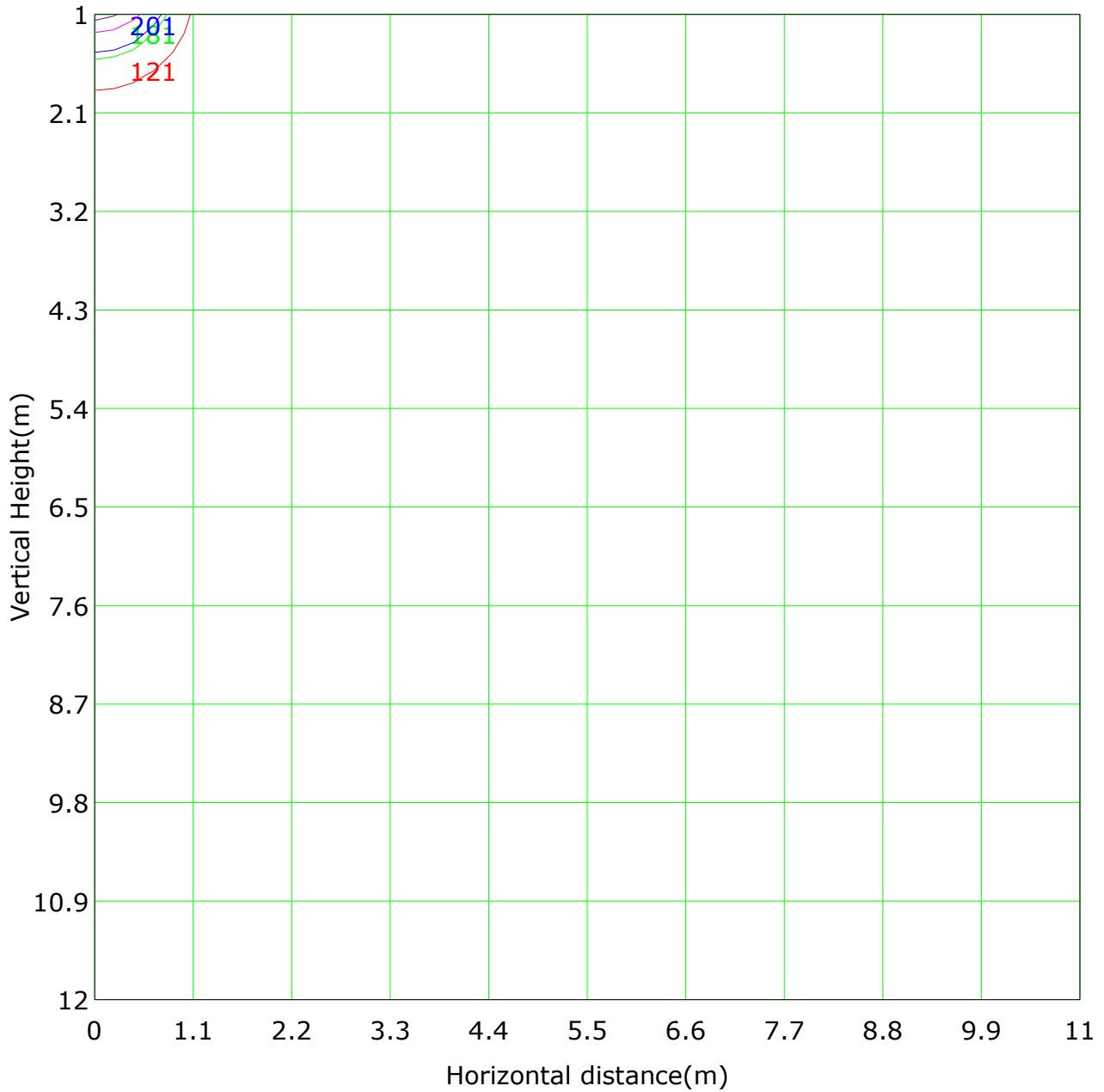
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



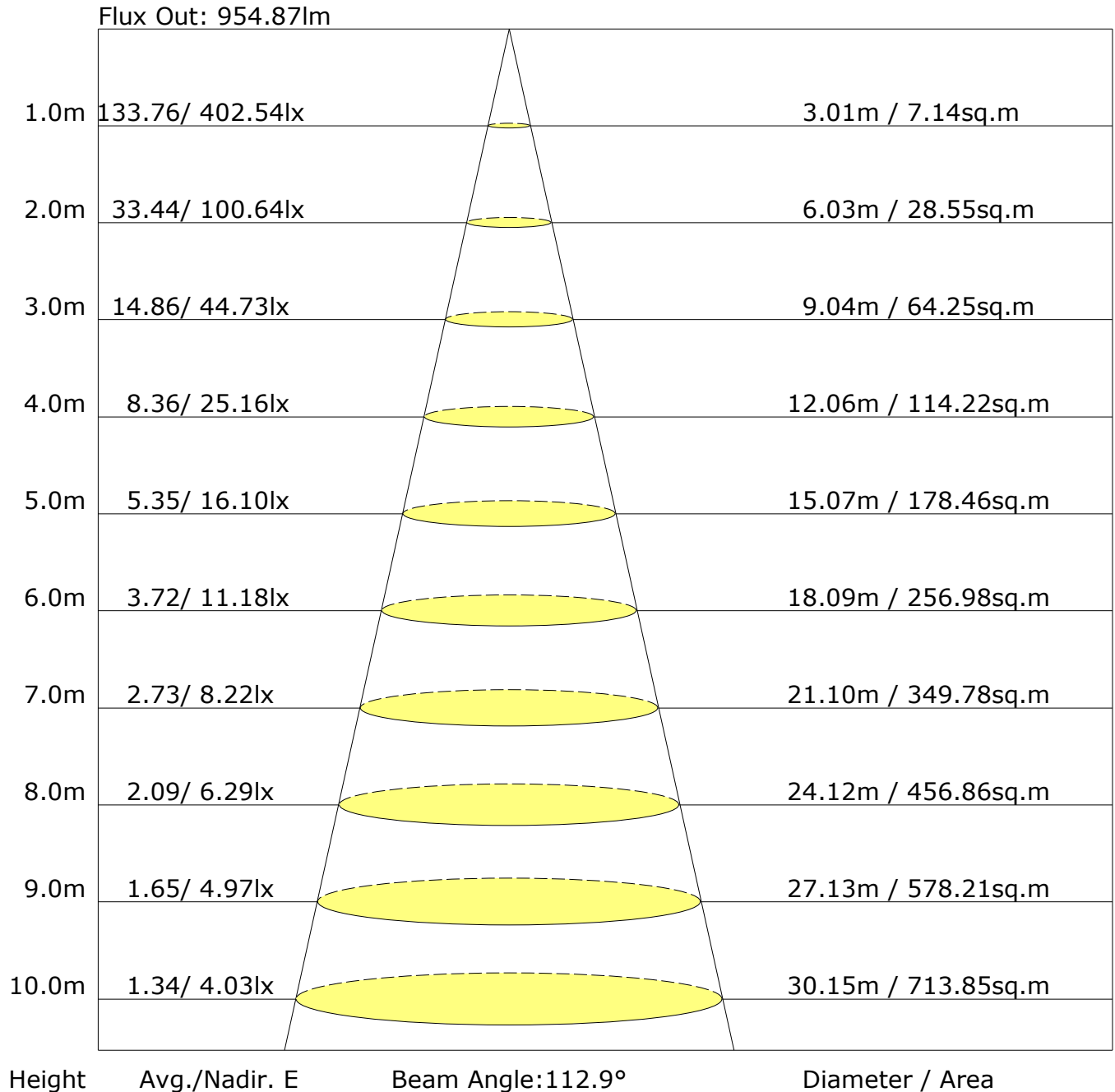
Lowest(m): 1.0m Highest(m): 12.0m Max Lux: 402.5 lx
— (30%): 120.8 lx — (45%): 181.1 lx
— (50%): 201.3 lx — (70%): 281.8 lx
— (90%): 362.3 lx

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



UGR Table

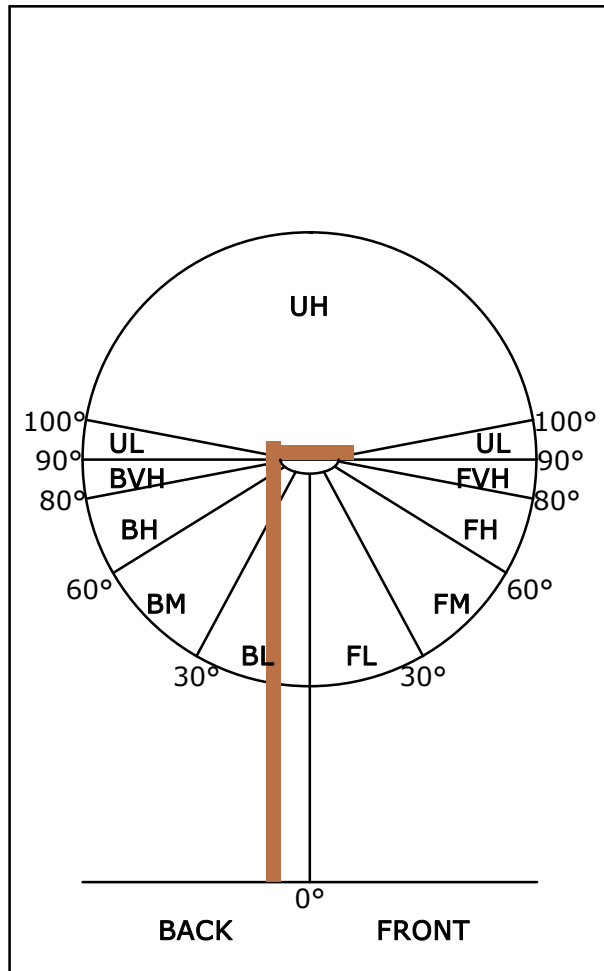
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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.\$

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



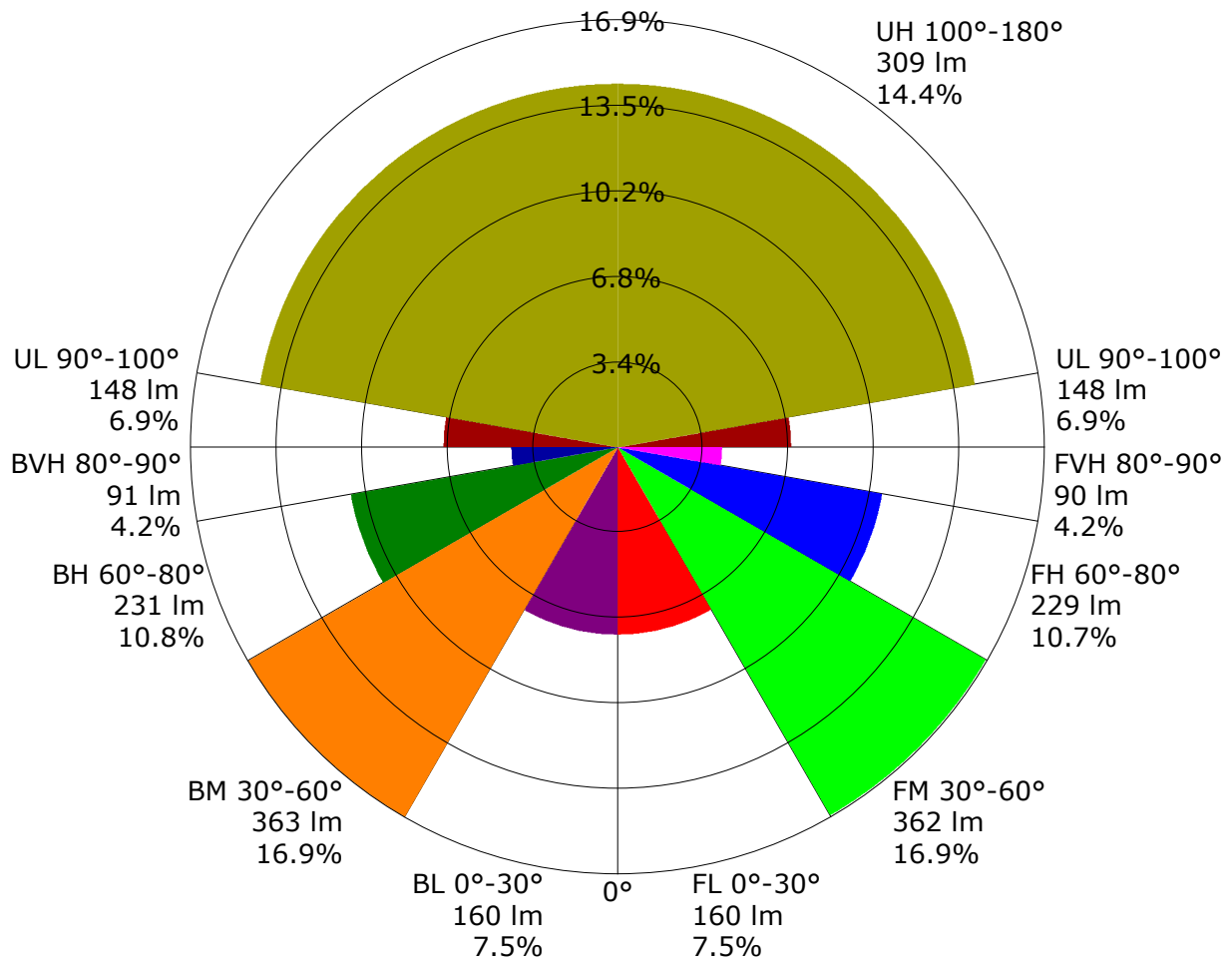
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	842	39.3
FL (0°-30°)	160	7.5
FM (30°-60°)	362	16.9
FH (60°-80°)	229	10.7
FVH (80°-90°)	90	4.2
BACK LIGHT	845	39.4
BL (0°-30°)	160	7.5
BM (30°-60°)	363	16.9
BH (60°-80°)	231	10.8
BVH (80°-90°)	91	4.2
UP LIGHT	457	21.3
UL (90°-100°)	148	6.9
UH (100°-180°)	309	14.4
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U3 G1

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50									
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	0.47	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91	
	0.30		0.39	0.46	0.53	0.59	0.66	0.72	0.76	0.82	0.86	
	0.20		0.33	0.40	0.47	0.52	0.60	0.66	0.71	0.77	0.82	
0.50	0.50	0.20	0.43	0.50	0.56	0.61	0.67	0.72	0.75	0.80	0.83	
	0.30		0.36	0.43	0.49	0.54	0.61	0.66	0.70	0.75	0.79	
	0.20		0.31	0.38	0.44	0.49	0.56	0.62	0.66	0.71	0.76	
0.30	0.50	0.20	0.40	0.46	0.51	0.55	0.61	0.65	0.68	0.72	0.75	
	0.30		0.34	0.40	0.46	0.50	0.56	0.61	0.64	0.69	0.72	
	0.20		0.29	0.35	0.41	0.46	0.52	0.57	0.61	0.66	0.69	
0.00	0.00	0.00	0.25	0.30	0.35	0.39	0.45	0.49	0.52	0.57	0.60	
Rating:20W 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 = 1.50									
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	0.90	0.78	0.69	0.57	0.49	0.43	0.35	0.29	
	0.30		0.86	0.77	0.68	0.62	0.52	0.45	0.40	0.33	0.28	
	0.20		0.74	0.67	0.60	0.55	0.47	0.42	0.37	0.31	0.26	
0.50	0.50	0.20	0.95	0.83	0.72	0.64	0.53	0.48	0.40	0.32	0.27	
	0.30		0.80	0.72	0.63	0.57	0.49	0.42	0.37	0.31	0.26	
	0.20		0.70	0.63	0.57	0.52	0.45	0.39	0.35	0.29	0.25	
0.30	0.50	0.20	0.88	0.76	0.66	0.59	0.49	0.42	0.37	0.30	0.25	
	0.30		0.75	0.67	0.59	0.54	0.45	0.39	0.35	0.29	0.24	
	0.20		0.66	0.60	0.54	0.49	0.42	0.37	0.33	0.27	0.23	
0.00	0.00	0.00	0.54	0.49	0.43	0.39	0.34	0.30	0.26	0.22	0.19	
Rating:20W 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 = 1.50									
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	0.38	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	
	0.30		0.30	0.32	0.33	0.34	0.36	0.37	0.37	0.39	0.39	
	0.20		0.25	0.27	0.28	0.29	0.31	0.32	0.33	0.35	0.36	
0.50	0.50	0.20	0.36	0.38	0.38	0.39	0.40	0.40	0.40	0.41	0.41	
	0.30		0.30	0.31	0.32	0.33	0.35	0.35	0.36	0.37	0.38	
	0.20		0.25	0.26	0.28	0.29	0.30	0.31	0.32	0.34	0.35	
0.30	0.50	0.20	0.35	0.36	0.37	0.38	0.38	0.39	0.39	0.39	0.39	
	0.30		0.29	0.31	0.32	0.32	0.34	0.34	0.35	0.36	0.37	
	0.20		0.25	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.34	
0.00	0.00	0.00	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Rating:20W 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	397.8	0.4	0.4	0.02	0.02
1.0-2.0	397.8	1.1	1.5	0.05	0.07
2.0-3.0	397.8	1.9	3.4	0.09	0.16
3.0-4.0	397.6	2.7	6.1	0.12	0.28
4.0-5.0	397.4	3.4	9.5	0.16	0.44
5.0-6.0	397.0	4.2	13.7	0.19	0.64
6.0-7.0	396.6	4.9	18.6	0.23	0.87
7.0-8.0	396.0	5.7	24.3	0.26	1.13
8.0-9.0	395.4	6.4	30.7	0.30	1.43
9.0-10.0	394.8	7.1	37.8	0.33	1.76
10.0-11.0	394.0	7.9	45.7	0.37	2.13
11.0-12.0	393.2	8.6	54.3	0.40	2.53
12.0-13.0	392.2	9.3	63.6	0.43	2.97
13.0-14.0	391.2	10.0	73.6	0.47	3.43
14.0-15.0	390.1	10.7	84.3	0.50	3.93
15.0-16.0	388.9	11.4	95.7	0.53	4.47
16.0-17.0	387.7	12.1	107.8	0.56	5.03
17.0-18.0	386.4	12.7	120.5	0.59	5.62
18.0-19.0	385.1	13.4	133.9	0.63	6.25
19.0-20.0	383.7	14.0	148.0	0.66	6.90
20.0-21.0	382.2	14.7	162.7	0.68	7.59
21.0-22.0	380.6	15.3	178.0	0.71	8.30
22.0-23.0	378.9	15.9	193.9	0.74	9.04
23.0-24.0	377.2	16.5	210.4	0.77	9.81
24.0-25.0	375.4	17.1	227.4	0.80	10.61
25.0-26.0	373.4	17.6	245.1	0.82	11.43
26.0-27.0	371.4	18.2	263.2	0.85	12.28
27.0-28.0	369.3	18.7	281.9	0.87	13.15
28.0-29.0	367.2	19.2	301.1	0.90	14.05
29.0-30.0	364.9	19.7	320.8	0.92	14.97
30.0-31.0	362.6	20.2	341.0	0.94	15.91
31.0-32.0	360.3	20.6	361.7	0.96	16.87
32.0-33.0	357.9	21.1	382.8	0.98	17.86
33.0-34.0	355.4	21.5	404.3	1.00	18.86
34.0-35.0	352.8	21.9	426.2	1.02	19.88
35.0-36.0	350.2	22.3	448.5	1.04	20.92

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 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	347.4	22.7	471.2	1.06	21.98
37.0-38.0	344.7	23.0	494.2	1.07	23.05
38.0-39.0	341.8	23.3	517.5	1.09	24.14
39.0-40.0	338.9	23.6	541.1	1.10	25.24
40.0-41.0	336.0	23.9	565.1	1.12	26.36
41.0-42.0	332.9	24.2	589.3	1.13	27.49
42.0-43.0	329.8	24.4	613.7	1.14	28.63
43.0-44.0	326.6	24.7	638.3	1.15	29.78
44.0-45.0	323.3	24.9	663.2	1.16	30.94
45.0-46.0	320.0	25.0	688.2	1.17	32.11
46.0-47.0	316.6	25.2	713.4	1.18	33.28
47.0-48.0	313.2	25.3	738.7	1.18	34.46
48.0-49.0	309.7	25.4	764.2	1.19	35.65
49.0-50.0	306.2	25.5	789.7	1.19	36.84
50.0-51.0	302.6	25.6	815.3	1.19	38.03
51.0-52.0	299.0	25.7	841.0	1.20	39.23
52.0-53.0	295.3	25.7	866.7	1.20	40.43
53.0-54.0	291.6	25.7	892.4	1.20	41.63
54.0-55.0	287.8	25.7	918.1	1.20	42.83
55.0-56.0	284.0	25.7	943.7	1.20	44.03
56.0-57.0	280.1	25.6	969.3	1.19	45.22
57.0-58.0	276.2	25.5	994.9	1.19	46.41
58.0-59.0	272.3	25.5	1020.3	1.19	47.60
59.0-60.0	268.4	25.4	1045.7	1.18	48.78
60.0-61.0	264.4	25.2	1070.9	1.18	49.96
61.0-62.0	260.3	25.1	1096.0	1.17	51.13
62.0-63.0	256.2	24.9	1120.9	1.16	52.29
63.0-64.0	252.1	24.7	1145.7	1.15	53.45
64.0-65.0	248.1	24.6	1170.2	1.15	54.59
65.0-66.0	243.9	24.3	1194.6	1.14	55.73
66.0-67.0	239.7	24.1	1218.7	1.12	56.85
67.0-68.0	235.6	23.9	1242.5	1.11	57.97
68.0-69.0	231.5	23.6	1266.2	1.10	59.07
69.0-70.0	227.3	23.3	1289.5	1.09	60.16
70.0-71.0	223.2	23.1	1312.6	1.08	61.23
71.0-72.0	219.0	22.8	1335.4	1.06	62.30

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 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	214.9	22.5	1357.8	1.05	63.34
73.0-74.0	210.8	22.2	1380.0	1.03	64.38
74.0-75.0	206.6	21.8	1401.8	1.02	65.40
75.0-76.0	202.5	21.5	1423.3	1.00	66.40
76.0-77.0	198.4	21.2	1444.5	0.99	67.39
77.0-78.0	194.3	20.8	1465.3	0.97	68.36
78.0-79.0	190.2	20.4	1485.7	0.95	69.31
79.0-80.0	186.2	20.1	1505.8	0.94	70.25
80.0-81.0	182.2	19.7	1525.5	0.92	71.17
81.0-82.0	178.3	19.3	1544.8	0.90	72.07
82.0-83.0	174.4	19.0	1563.8	0.88	72.95
83.0-84.0	170.6	18.6	1582.4	0.87	73.82
84.0-85.0	166.9	18.2	1600.6	0.85	74.67
85.0-86.0	163.4	17.9	1618.5	0.83	75.50
86.0-87.0	159.9	17.5	1636.0	0.82	76.32
87.0-88.0	156.5	17.2	1653.1	0.80	77.12
88.0-89.0	153.4	16.8	1669.9	0.78	77.90
89.0-90.0	150.4	16.5	1686.4	0.77	78.67
90.0-91.0	147.5	16.2	1702.6	0.75	79.43
91.0-92.0	144.8	15.9	1718.5	0.74	80.17
92.0-93.0	142.1	15.6	1734.0	0.73	80.89
93.0-94.0	139.5	15.3	1749.3	0.71	81.61
94.0-95.0	136.9	15.0	1764.3	0.70	82.31
95.0-96.0	134.4	14.7	1779.0	0.68	82.99
96.0-97.0	132.0	14.4	1793.3	0.67	83.66
97.0-98.0	129.6	14.1	1807.4	0.66	84.32
98.0-99.0	127.0	13.8	1821.2	0.64	84.96
99.0-100.0	124.2	13.4	1834.6	0.63	85.59
100.0-101.0	120.9	13.0	1847.7	0.61	86.20
101.0-102.0	117.5	12.6	1860.3	0.59	86.78
102.0-103.0	114.5	12.3	1872.6	0.57	87.36
103.0-104.0	111.8	11.9	1884.5	0.56	87.91
104.0-105.0	108.0	11.5	1895.9	0.53	88.45
105.0-106.0	103.2	10.9	1906.8	0.51	88.96
106.0-107.0	97.5	10.2	1917.1	0.48	89.43
107.0-108.0	90.0	9.4	1926.5	0.44	89.87

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 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	84.0	8.7	1935.2	0.41	90.28
109.0-110.0	80.2	8.3	1943.5	0.39	90.67
110.0-111.0	77.5	8.0	1951.5	0.37	91.04
111.0-112.0	76.5	7.8	1959.3	0.36	91.40
112.0-113.0	77.1	7.8	1967.1	0.36	91.77
113.0-114.0	77.9	7.8	1974.9	0.37	92.13
114.0-115.0	77.7	7.8	1982.7	0.36	92.49
115.0-116.0	77.4	7.7	1990.4	0.36	92.85
116.0-117.0	76.8	7.5	1997.9	0.35	93.20
117.0-118.0	75.5	7.3	2005.2	0.34	93.55
118.0-119.0	73.7	7.1	2012.3	0.33	93.88
119.0-120.0	71.8	6.9	2019.2	0.32	94.20
120.0-121.0	69.9	6.6	2025.8	0.31	94.51
121.0-122.0	68.0	6.4	2032.2	0.30	94.80
122.0-123.0	66.1	6.1	2038.3	0.29	95.09
123.0-124.0	64.2	5.9	2044.2	0.27	95.36
124.0-125.0	62.2	5.6	2049.8	0.26	95.62
125.0-126.0	60.4	5.4	2055.2	0.25	95.88
126.0-127.0	58.7	5.2	2060.4	0.24	96.12
127.0-128.0	57.0	5.0	2065.3	0.23	96.35
128.0-129.0	55.3	4.7	2070.1	0.22	96.57
129.0-130.0	53.7	4.5	2074.6	0.21	96.78
130.0-131.0	52.0	4.3	2078.9	0.20	96.98
131.0-132.0	50.4	4.1	2083.1	0.19	97.18
132.0-133.0	48.8	3.9	2087.0	0.18	97.36
133.0-134.0	47.2	3.8	2090.8	0.18	97.54
134.0-135.0	45.6	3.6	2094.3	0.17	97.70
135.0-136.0	44.0	3.4	2097.7	0.16	97.86
136.0-137.0	42.3	3.2	2100.9	0.15	98.01
137.0-138.0	40.8	3.0	2103.9	0.14	98.15
138.0-139.0	39.2	2.9	2106.8	0.13	98.28
139.0-140.0	37.8	2.7	2109.5	0.13	98.41
140.0-141.0	36.5	2.5	2112.0	0.12	98.53
141.0-142.0	35.3	2.4	2114.4	0.11	98.64
142.0-143.0	34.1	2.3	2116.7	0.11	98.75
143.0-144.0	32.8	2.1	2118.9	0.10	98.85

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 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	31.5	2.0	2120.9	0.09	98.94
145.0-146.0	30.2	1.9	2122.7	0.09	99.03
146.0-147.0	28.9	1.7	2124.5	0.08	99.11
147.0-148.0	27.6	1.6	2126.1	0.08	99.18
148.0-149.0	26.4	1.5	2127.6	0.07	99.26
149.0-150.0	25.2	1.4	2129.0	0.07	99.32
150.0-151.0	24.1	1.3	2130.3	0.06	99.38
151.0-152.0	23.0	1.2	2131.5	0.06	99.44
152.0-153.0	21.9	1.1	2132.6	0.05	99.49
153.0-154.0	21.0	1.0	2133.7	0.05	99.54
154.0-155.0	20.2	1.0	2134.6	0.04	99.58
155.0-156.0	19.5	0.9	2135.5	0.04	99.62
156.0-157.0	18.8	0.8	2136.3	0.04	99.66
157.0-158.0	18.2	0.8	2137.1	0.04	99.70
158.0-159.0	17.7	0.7	2137.8	0.03	99.73
159.0-160.0	17.2	0.7	2138.5	0.03	99.76
160.0-161.0	16.7	0.6	2139.1	0.03	99.79
161.0-162.0	16.3	0.6	2139.7	0.03	99.82
162.0-163.0	15.8	0.5	2140.2	0.02	99.84
163.0-164.0	15.3	0.5	2140.6	0.02	99.86
164.0-165.0	14.6	0.4	2141.1	0.02	99.88
165.0-166.0	14.0	0.4	2141.5	0.02	99.90
166.0-167.0	13.5	0.3	2141.8	0.02	99.92
167.0-168.0	13.1	0.3	2142.1	0.01	99.93
168.0-169.0	12.6	0.3	2142.4	0.01	99.94
169.0-170.0	12.2	0.2	2142.6	0.01	99.96
170.0-171.0	11.5	0.2	2142.8	0.01	99.97
171.0-172.0	11.0	0.2	2143.0	0.01	99.97
172.0-173.0	10.5	0.1	2143.2	0.01	99.98
173.0-174.0	9.9	0.1	2143.3	0.01	99.99
174.0-175.0	9.3	0.1	2143.4	0.00	99.99
175.0-176.0	8.7	0.1	2143.5	0.00	99.99
176.0-177.0	8.1	0.1	2143.5	0.00	100.00
177.0-178.0	7.5	0.0	2143.6	0.00	100.00
178.0-179.0	7.1	0.0	2143.6	0.00	100.00
179.0-180.0	6.8	0.0	2143.6	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	402.5	399.5	397.8	396.9	395.5	394.8	402.5	399.5	397.8	396.9
G1.0	402.4	399.5	397.8	396.9	395.5	394.7	402.5	399.6	397.8	397.0
G2.0	402.4	399.4	397.8	397.0	395.6	394.8	402.3	399.4	397.9	397.1
G3.0	402.0	399.2	397.8	397.0	395.4	394.5	402.0	399.4	397.8	397.2
G4.0	401.5	399.0	397.6	397.0	395.4	394.3	401.6	399.1	397.8	397.3
G5.0	400.7	398.4	397.4	396.9	395.2	393.9	401.0	398.7	397.8	397.4
G6.0	400.1	397.9	397.1	396.8	395.0	393.2	400.0	398.0	397.7	397.5
G7.0	399.0	397.0	396.7	396.7	394.6	392.5	399.1	397.3	397.5	397.6
G8.0	398.0	396.3	396.3	396.4	394.1	391.8	398.1	396.6	397.3	397.6
G9.0	396.8	395.3	395.8	396.2	393.6	390.9	397.0	395.9	397.1	397.6
G10.0	395.5	394.3	395.2	395.7	393.1	390.0	395.7	394.9	396.8	397.6
G11.0	394.1	393.1	394.6	395.4	392.5	388.9	394.2	393.9	396.4	397.7
G12.0	392.4	391.8	393.9	394.9	391.7	387.8	392.6	392.5	396.0	397.6
G13.0	390.7	390.4	393.0	394.4	391.0	386.4	390.6	391.2	395.5	397.6
G14.0	388.8	389.0	392.2	393.9	390.2	384.8	388.8	389.9	395.0	397.7
G15.0	386.8	387.2	391.1	393.4	389.2	383.2	386.8	388.4	394.5	397.7
G16.0	384.4	385.4	390.1	392.9	388.3	381.6	384.6	386.8	393.9	397.9
G17.0	382.1	383.6	389.1	392.3	387.1	380.0	382.4	385.2	393.4	398.0
G18.0	379.8	381.6	388.0	391.5	386.0	378.1	380.0	383.4	393.0	398.3
G19.0	377.3	379.6	386.8	390.6	384.9	375.9	377.6	381.6	392.5	398.8
G20.0	374.6	377.4	385.4	389.9	383.7	373.8	375.0	379.4	392.1	399.1
G21.0	371.6	374.9	384.1	388.9	382.5	371.6	371.9	377.3	391.7	399.3
G22.0	368.6	372.5	382.7	388.1	381.2	369.4	369.0	375.1	391.2	399.4
G23.0	365.6	370.0	381.3	387.2	379.5	367.0	366.0	372.8	390.6	399.3
G24.0	362.5	367.4	379.7	386.1	378.1	364.5	362.9	370.5	390.0	399.2
G25.0	359.1	364.7	378.1	384.9	376.6	361.9	359.6	368.0	389.3	399.2
G26.0	355.7	361.9	376.2	383.7	374.9	359.2	356.2	365.5	388.5	399.0
G27.0	352.1	359.0	374.5	382.5	373.3	356.5	352.8	362.7	387.6	399.0
G28.0	348.1	355.8	372.7	381.3	371.5	353.4	349.1	360.0	386.7	398.8
G29.0	344.5	352.7	370.9	380.0	369.6	350.5	345.1	357.4	385.6	398.6
G30.0	340.4	349.6	369.0	378.5	367.7	347.5	341.3	354.7	384.5	398.2
G31.0	336.5	346.4	367.0	376.8	365.8	344.2	337.4	351.9	383.4	397.9
G32.0	332.4	343.1	364.7	375.3	363.8	341.2	333.4	349.1	382.3	397.6
G33.0	327.9	339.7	362.6	373.8	361.7	337.9	329.2	345.9	381.1	397.5
G34.0	323.5	336.0	360.4	372.1	359.6	334.6	324.9	343.0	379.8	397.1
G35.0	319.1	332.4	358.2	370.4	357.3	330.9	320.2	339.9	378.6	396.7
G36.0	314.4	328.7	355.8	368.4	355.0	327.3	315.7	336.8	377.2	396.1

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	309.8	325.0	353.2	366.5	352.6	323.8	311.2	333.6	375.8	395.6
G38.0	304.7	321.2	350.8	364.6	350.3	320.1	306.5	330.3	374.5	395.1
G39.0	299.9	317.0	348.3	362.7	347.8	316.3	301.8	327.0	373.1	394.5
G40.0	294.9	313.1	345.7	360.4	345.1	312.2	296.8	323.6	371.7	394.0
G41.0	289.9	309.1	343.1	358.3	342.5	308.4	291.8	319.8	370.2	393.4
G42.0	284.3	305.0	340.0	356.2	339.9	304.5	286.8	316.2	368.6	392.7
G43.0	279.1	300.5	337.3	353.9	337.2	300.4	281.3	312.5	367.0	391.9
G44.0	273.6	296.4	334.4	351.6	334.2	296.4	276.1	308.8	365.3	390.9
G45.0	268.2	292.0	331.6	349.0	331.4	292.0	270.7	305.1	363.7	390.0
G46.0	262.4	287.8	328.4	346.6	328.5	287.8	265.3	300.9	362.0	389.1
G47.0	256.8	283.4	325.3	344.1	325.6	283.5	259.9	297.0	360.2	388.1
G48.0	251.1	278.5	322.3	341.6	322.3	279.2	254.3	293.1	358.3	387.0
G49.0	245.2	274.0	319.1	339.0	319.3	274.8	248.3	289.1	356.5	385.9
G50.0	239.3	269.4	315.9	336.3	316.2	270.3	242.5	285.1	354.6	384.7
G51.0	233.3	264.8	312.8	333.6	313.0	265.9	236.6	281.1	352.6	383.3
G52.0	227.0	260.1	309.5	330.8	309.9	261.0	230.9	277.0	350.5	382.1
G53.0	221.0	255.4	306.0	328.1	306.7	256.5	224.9	273.0	348.5	380.8
G54.0	214.5	250.6	302.6	325.3	303.3	251.9	218.7	268.6	346.4	379.4
G55.0	208.3	245.6	299.3	322.4	300.0	247.3	212.7	264.5	344.3	378.0
G56.0	201.8	240.7	295.6	319.4	296.7	242.3	206.2	260.3	342.0	376.4
G57.0	195.5	236.0	292.2	316.5	293.1	237.7	200.0	256.1	339.9	374.8
G58.0	188.7	230.8	288.8	313.5	289.8	233.0	193.7	251.6	337.6	373.3
G59.0	182.3	226.0	285.4	310.6	286.5	228.2	187.1	247.5	335.4	371.6
G60.0	175.8	221.0	281.6	307.6	283.1	223.2	180.7	243.3	332.9	369.7
G61.0	168.8	216.1	278.0	304.4	279.7	218.4	174.3	239.1	330.5	367.8
G62.0	161.9	210.8	274.6	301.2	276.1	213.6	167.4	234.8	328.1	365.8
G63.0	155.2	205.9	271.1	298.1	272.6	208.5	160.9	230.5	325.6	363.8
G64.0	148.2	201.0	267.2	294.9	269.2	203.8	154.3	226.3	323.1	361.7
G65.0	141.5	196.1	263.6	291.8	265.5	199.0	147.7	222.2	320.5	359.7
G66.0	134.4	190.9	260.1	288.4	262.0	194.3	140.8	217.6	317.9	357.7
G67.0	127.3	186.2	256.1	285.0	258.5	189.2	133.8	213.4	315.4	355.5
G68.0	120.2	181.3	252.6	281.9	254.7	184.5	127.2	209.2	312.9	353.4
G69.0	113.5	176.1	249.1	278.4	251.2	179.9	120.5	205.1	310.2	351.2
G70.0	106.2	171.4	245.5	275.0	247.6	175.0	113.4	200.6	307.5	348.9
G71.0	99.5	166.6	241.7	271.8	244.1	170.4	106.7	196.5	304.6	346.5
G72.0	92.4	162.0	238.1	268.3	240.3	165.8	100.0	192.5	301.9	344.0
G73.0	85.7	157.5	234.6	264.9	236.6	161.3	93.3	188.4	299.0	341.5

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	78.7	152.6	231.1	261.4	233.1	156.5	86.3	184.4	296.2	338.9
G75.0	72.0	148.1	227.1	258.0	229.5	152.1	79.7	180.4	293.3	336.3
G76.0	65.2	143.7	223.4	254.4	225.7	147.8	73.1	176.2	290.1	333.6
G77.0	58.5	139.1	219.8	250.9	222.1	143.3	66.7	172.5	287.1	330.6
G78.0	52.3	134.8	216.1	247.4	218.6	139.2	60.0	168.7	284.0	327.8
G79.0	45.9	130.6	212.2	243.7	214.9	135.0	53.8	164.9	280.9	325.0
G80.0	39.7	126.2	208.6	240.2	211.3	130.6	47.8	161.2	277.6	322.1
G81.0	34.0	122.2	205.0	236.6	207.7	126.7	41.7	157.2	274.5	319.2
G82.0	28.4	118.2	201.2	233.1	203.9	122.6	35.8	153.6	271.4	316.0
G83.0	23.3	114.3	197.6	229.2	200.3	118.7	30.4	150.1	268.2	313.1
G84.0	18.4	110.1	194.0	225.7	196.8	114.6	25.0	146.6	265.2	310.0
G85.0	14.1	106.5	190.4	222.1	193.2	110.9	20.3	143.3	262.1	306.9
G86.0	10.3	102.9	186.9	218.6	189.6	107.4	16.0	139.9	259.0	303.8
G87.0	7.2	99.4	183.1	214.8	185.8	104.0	11.9	136.7	255.7	300.4
G88.0	4.8	95.8	179.6	211.2	182.3	100.4	8.6	133.6	252.7	297.3
G89.0	3.3	92.6	176.2	207.8	178.8	97.0	6.0	130.7	249.4	294.1
G90.0	2.6	89.5	172.5	203.9	175.0	93.7	4.2	127.5	246.3	291.0
G91.0	2.3	86.6	169.1	200.5	171.5	90.6	3.0	124.6	243.1	287.4
G92.0	2.3	83.3	165.8	196.9	167.9	87.4	2.6	121.8	240.0	284.2
G93.0	2.4	80.5	162.5	193.2	164.1	84.5	2.6	119.1	236.7	281.0
G94.0	2.5	77.9	158.8	189.7	160.7	81.5	2.6	116.4	233.5	277.6
G95.0	2.5	75.1	155.6	186.3	157.3	78.8	2.8	113.9	230.4	274.0
G96.0	2.6	72.7	152.5	182.8	154.0	76.2	2.8	111.2	227.1	270.6
G97.0	2.7	70.4	149.3	179.4	150.7	73.8	2.8	108.8	223.8	267.3
G98.0	2.7	68.1	146.0	175.7	147.2	71.3	3.0	106.5	220.3	263.9
G99.0	2.8	63.7	143.1	172.2	144.0	67.9	3.2	104.3	217.0	260.5
G100.0	3.0	58.6	140.1	168.9	140.8	61.5	3.3	101.9	213.7	257.0
G101.0	3.0	54.6	136.9	165.3	137.4	56.7	3.2	96.4	210.5	253.3
G102.0	3.2	50.8	134.1	161.9	134.4	52.8	3.3	89.8	207.0	249.8
G103.0	3.2	48.9	131.3	158.4	131.4	51.7	3.5	84.4	203.8	246.4
G104.0	3.3	46.1	126.8	155.1	128.3	49.1	3.6	81.3	200.5	242.9
G105.0	3.4	42.8	103.4	151.9	113.8	46.0	3.7	80.4	197.3	239.0
G106.0	3.5	39.9	94.6	148.2	95.2	42.9	3.7	77.6	192.6	235.5
G107.0	3.4	37.6	90.3	131.4	90.4	40.2	3.7	74.5	175.9	231.9
G108.0	3.5	35.6	87.0	111.3	86.5	38.3	3.9	71.7	145.3	227.3
G109.0	3.6	34.2	84.5	106.0	83.7	36.7	4.0	69.4	139.3	212.1
G110.0	3.6	32.8	88.8	103.0	84.3	35.2	4.1	68.2	134.7	177.8

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	3.7	31.5	90.5	100.6	91.2	33.7	4.2	67.2	131.3	165.4
G112.0	3.7	29.9	90.2	98.3	91.2	32.4	4.2	66.3	133.6	162.0
G113.0	3.7	29.3	88.1	104.7	89.1	31.2	4.2	65.4	145.5	159.4
G114.0	3.7	28.8	85.5	109.7	86.3	30.5	4.4	64.5	147.5	157.5
G115.0	3.8	27.9	82.8	109.6	83.6	29.9	4.3	63.3	146.8	163.6
G116.0	3.7	27.1	79.8	107.4	80.6	29.0	4.3	62.4	144.7	177.3
G117.0	3.8	26.2	77.0	104.1	77.8	28.2	4.5	61.6	142.3	181.0
G118.0	3.8	25.1	74.2	100.6	75.0	27.4	4.7	60.6	139.7	181.1
G119.0	3.9	24.5	71.0	96.9	71.9	26.4	4.7	59.4	136.8	177.9
G120.0	3.9	23.6	68.2	93.4	69.0	25.6	4.7	58.0	134.0	174.2
G121.0	4.0	22.5	65.3	89.9	66.2	24.8	4.7	56.8	131.2	170.4
G122.0	4.1	21.6	62.5	86.5	63.1	23.9	4.8	55.7	128.4	166.6
G123.0	4.1	21.0	59.8	82.9	60.2	23.0	5.0	54.6	125.4	162.9
G124.0	4.2	20.3	57.1	79.4	57.5	22.1	5.1	53.4	122.6	159.0
G125.0	4.2	19.3	54.3	75.9	54.5	21.1	5.0	52.0	119.7	154.8
G126.0	4.2	18.5	52.2	72.5	52.2	20.1	5.1	50.8	116.9	151.1
G127.0	4.3	17.3	50.5	69.1	50.2	19.1	5.3	49.6	113.8	147.3
G128.0	4.3	16.4	48.8	66.0	48.6	18.2	5.3	48.6	111.1	143.6
G129.0	4.3	15.6	47.3	62.8	47.1	17.1	5.3	47.2	108.3	139.9
G130.0	4.4	14.3	45.7	60.0	45.4	16.0	5.3	46.0	105.5	136.4
G131.0	4.4	13.1	44.0	58.0	43.9	15.0	5.5	44.8	102.6	133.0
G132.0	4.4	12.0	42.4	56.1	42.5	13.9	5.6	43.9	99.8	129.5
G133.0	4.5	10.8	41.0	54.1	40.8	12.9	5.4	42.8	97.1	126.0
G134.0	4.4	9.6	39.4	52.3	39.3	12.0	5.5	41.8	94.3	122.7
G135.0	4.4	8.7	38.0	50.5	37.9	11.0	5.7	41.0	91.6	119.3
G136.0	4.5	7.7	36.2	48.5	36.2	10.0	5.6	40.2	88.7	115.9
G137.0	4.5	7.0	34.5	46.7	34.8	9.0	5.7	39.5	86.0	112.6
G138.0	4.5	6.2	32.9	44.9	33.3	8.0	5.6	38.6	83.4	109.2
G139.0	4.6	5.5	31.2	43.0	31.4	7.0	5.8	37.2	80.5	105.8
G140.0	4.7	5.2	29.5	41.3	29.9	6.1	5.7	36.5	78.0	102.5
G141.0	4.8	5.0	27.9	39.4	28.0	5.5	5.7	36.0	75.4	99.3
G142.0	4.9	5.0	26.2	37.5	26.5	5.2	5.9	35.5	72.9	95.8
G143.0	5.0	5.2	24.6	35.5	24.9	5.1	5.9	35.2	70.2	92.7
G144.0	5.0	5.1	22.9	33.4	23.2	5.2	5.8	34.6	67.7	89.5
G145.0	5.1	5.1	20.9	31.2	21.3	5.2	6.0	34.1	65.2	86.2
G146.0	5.3	5.1	18.7	28.8	19.8	5.2	6.0	33.3	62.8	83.1
G147.0	5.3	5.1	16.8	26.8	17.9	5.2	6.0	32.8	60.3	79.8

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	5.4	5.3	14.9	25.1	16.2	5.3	5.7	32.1	58.1	76.8
G149.0	5.4	5.3	13.1	23.2	14.6	5.3	5.7	31.6	56.2	73.8
G150.0	5.4	5.2	11.4	21.4	12.7	5.3	5.7	30.9	54.6	70.8
G151.0	5.6	5.3	9.7	19.6	11.1	5.4	5.8	30.3	53.2	67.9
G152.0	5.5	5.2	8.2	17.5	9.4	5.3	5.8	29.5	51.8	65.3
G153.0	5.6	5.1	6.8	15.6	7.5	5.4	5.6	28.8	50.2	62.9
G154.0	5.6	5.4	5.9	13.4	6.3	5.4	5.6	28.0	48.8	61.0
G155.0	5.7	5.5	5.8	11.6	5.8	5.4	5.5	27.3	47.4	59.1
G156.0	5.7	5.3	5.8	10.0	5.6	5.4	5.6	26.6	46.0	57.2
G157.0	5.7	5.5	5.8	8.7	5.6	5.4	5.4	25.6	44.5	55.1
G158.0	5.7	5.4	5.7	8.2	5.7	5.5	5.5	24.8	43.1	53.3
G159.0	5.7	5.4	5.8	8.4	5.6	5.4	5.4	24.0	41.8	51.5
G160.0	5.8	5.6	5.7	8.3	5.7	5.5	5.6	23.2	40.3	49.7
G161.0	5.8	5.4	5.8	8.6	5.6	5.5	5.5	22.1	38.8	47.8
G162.0	5.8	5.5	5.7	8.5	5.7	5.6	5.6	21.3	37.3	46.1
G163.0	5.8	5.5	5.7	8.6	5.6	5.7	5.7	20.4	35.8	44.4
G164.0	5.8	5.7	5.8	8.7	5.5	5.5	5.7	19.5	34.2	42.6
G165.0	5.8	5.5	5.8	8.9	5.6	5.5	5.5	18.6	32.5	40.7
G166.0	5.8	5.7	5.8	9.0	5.6	5.5	5.5	17.6	30.8	38.7
G167.0	5.8	5.6	5.8	8.9	5.7	5.6	5.6	16.7	29.1	36.8
G168.0	5.8	5.6	5.8	9.0	5.7	5.7	5.7	15.6	27.3	34.8
G169.0	5.8	5.8	5.8	9.2	5.6	5.6	5.7	14.6	25.5	32.8
G170.0	5.8	5.6	5.8	9.1	5.7	5.7	5.7	13.6	23.5	30.7
G171.0	5.7	5.6	5.8	9.2	5.7	5.7	5.6	12.6	21.8	28.5
G172.0	5.6	5.6	5.9	9.4	5.7	5.7	5.5	11.8	19.9	26.3
G173.0	5.6	5.7	5.9	9.4	5.7	5.7	5.5	10.7	18.0	24.2
G174.0	5.6	5.7	5.9	9.3	5.7	5.6	5.5	9.7	16.2	22.2
G175.0	5.5	5.8	5.9	9.6	5.7	5.8	5.4	8.9	14.3	20.0
G176.0	5.4	5.9	6.0	9.7	5.7	5.7	5.5	7.9	12.4	18.0
G177.0	5.4	5.8	6.1	10.0	5.8	5.8	5.5	7.2	10.7	14.1
G178.0	5.4	6.0	6.2	10.5	5.9	5.7	5.5	6.3	8.9	12.4
G179.0	5.4	5.9	6.4	10.6	5.9	5.8	5.3	6.0	7.3	11.6
G180.0	5.3	6.1	6.4	10.8	6.1	5.8	5.4	6.1	6.5	10.7

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	395.5	394.8	402.5							
G1.0	395.5	394.7	402.4							
G2.0	395.5	394.5	402.4							
G3.0	395.5	394.5	402.0							
G4.0	395.7	394.1	401.5							
G5.0	395.6	393.7	400.7							
G6.0	395.3	393.0	400.1							
G7.0	395.2	392.3	399.0							
G8.0	395.0	391.6	398.0							
G9.0	394.9	390.8	396.8							
G10.0	394.6	389.9	395.5							
G11.0	394.3	388.8	394.1							
G12.0	394.0	387.6	392.4							
G13.0	393.4	386.2	390.7							
G14.0	392.9	384.9	388.8							
G15.0	392.4	383.5	386.8							
G16.0	391.9	381.9	384.4							
G17.0	391.4	380.2	382.1							
G18.0	391.2	378.5	379.8							
G19.0	390.8	376.7	377.3							
G20.0	390.3	374.8	374.6							
G21.0	389.9	372.8	371.6							
G22.0	389.5	370.5	368.6							
G23.0	389.2	368.2	365.6							
G24.0	388.7	365.9	362.5							
G25.0	388.0	363.5	359.1							
G26.0	387.2	361.1	355.7							
G27.0	386.4	358.6	352.1							
G28.0	385.3	356.1	348.1							
G29.0	384.4	353.6	344.5							
G30.0	383.4	350.7	340.4							
G31.0	382.5	348.0	336.5							
G32.0	381.4	345.3	332.4							
G33.0	380.3	342.5	327.9							
G34.0	379.2	339.7	323.5							
G35.0	377.8	336.7	319.1							
G36.0	376.6	333.7	314.4							

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	375.3	330.6	309.8							
G38.0	374.0	327.2	304.7							
G39.0	372.7	323.9	299.9							
G40.0	371.4	320.6	294.9							
G41.0	370.0	317.2	289.9							
G42.0	368.4	313.6	284.3							
G43.0	366.9	310.1	279.1							
G44.0	365.4	306.5	273.6							
G45.0	363.8	302.6	268.2							
G46.0	362.2	299.0	262.4							
G47.0	360.5	295.3	256.8							
G48.0	358.5	291.4	251.1							
G49.0	356.8	287.6	245.2							
G50.0	355.0	283.7	239.3							
G51.0	353.1	279.6	233.3							
G52.0	351.2	275.7	227.0							
G53.0	349.2	271.9	221.0							
G54.0	347.2	267.8	214.5							
G55.0	345.0	263.9	208.3							
G56.0	342.9	259.9	201.8							
G57.0	340.7	255.7	195.5							
G58.0	338.5	251.7	188.7							
G59.0	336.3	247.7	182.3							
G60.0	334.0	243.5	175.8							
G61.0	331.5	239.5	168.8							
G62.0	329.1	235.2	161.9							
G63.0	326.8	231.1	155.2							
G64.0	324.2	227.0	148.2							
G65.0	321.6	223.0	141.5							
G66.0	319.0	218.8	134.4							
G67.0	316.3	214.8	127.3							
G68.0	313.8	210.6	120.2							
G69.0	311.1	206.7	113.5							
G70.0	308.5	202.6	106.2							
G71.0	306.2	198.6	99.5							
G72.0	303.6	194.8	92.4							
G73.0	300.9	190.7	85.7							

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	298.1	186.9	78.7							
G75.0	295.3	183.1	72.0							
G76.0	292.3	179.4	65.2							
G77.0	289.4	175.5	58.5							
G78.0	286.4	171.8	52.3							
G79.0	283.3	168.3	45.9							
G80.0	280.3	164.7	39.7							
G81.0	277.0	161.0	34.0							
G82.0	274.0	157.6	28.4							
G83.0	270.9	154.1	23.3							
G84.0	267.8	150.8	18.4							
G85.0	264.4	147.5	14.1							
G86.0	261.2	144.0	10.3							
G87.0	258.1	140.9	7.2							
G88.0	254.9	137.9	4.8							
G89.0	251.8	135.1	3.3							
G90.0	248.4	132.1	2.6							
G91.0	245.3	129.4	2.3							
G92.0	242.2	126.7	2.3							
G93.0	239.1	123.9	2.4							
G94.0	235.8	121.2	2.5							
G95.0	232.8	118.6	2.5							
G96.0	229.8	116.2	2.6							
G97.0	226.8	113.7	2.7							
G98.0	223.7	111.4	2.7							
G99.0	220.7	109.1	2.8							
G100.0	217.3	105.6	3.0							
G101.0	214.2	97.9	3.0							
G102.0	211.1	91.5	3.2							
G103.0	207.9	86.5	3.2							
G104.0	204.3	84.4	3.3							
G105.0	200.9	83.4	3.4							
G106.0	195.4	80.7	3.5							
G107.0	172.8	77.5	3.4							
G108.0	144.7	74.5	3.5							
G109.0	140.1	72.8	3.6							
G110.0	135.4	71.5	3.6							

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	132.7	69.3	3.7							
G112.0	136.6	67.3	3.7							
G113.0	148.2	66.6	3.7							
G114.0	149.8	66.1	3.7							
G115.0	149.4	65.3	3.8							
G116.0	147.2	64.6	3.7							
G117.0	144.7	63.6	3.8							
G118.0	141.8	62.2	3.8							
G119.0	139.1	61.0	3.9							
G120.0	136.3	59.8	3.9							
G121.0	133.5	58.5	4.0							
G122.0	130.6	57.2	4.1							
G123.0	127.6	55.6	4.1							
G124.0	124.7	53.5	4.2							
G125.0	121.8	52.4	4.2							
G126.0	119.0	52.5	4.2							
G127.0	116.2	51.4	4.3							
G128.0	113.2	49.9	4.3							
G129.0	110.3	48.6	4.3							
G130.0	107.5	47.5	4.4							
G131.0	104.7	46.1	4.4							
G132.0	101.7	44.0	4.4							
G133.0	98.9	41.7	4.5							
G134.0	96.0	39.3	4.4							
G135.0	93.2	36.8	4.4							
G136.0	90.2	33.6	4.5							
G137.0	87.5	30.4	4.5							
G138.0	84.7	28.8	4.5							
G139.0	81.8	27.7	4.6							
G140.0	79.1	26.9	4.7							
G141.0	76.4	27.1	4.8							
G142.0	73.6	27.0	4.9							
G143.0	71.0	26.5	5.0							
G144.0	68.3	25.7	5.0							
G145.0	65.5	24.8	5.1							
G146.0	62.7	24.0	5.3							
G147.0	59.0	23.7	5.3							

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	55.5	23.2	5.4							
G149.0	52.3	22.8	5.4							
G150.0	49.6	22.9	5.4							
G151.0	46.6	22.8	5.6							
G152.0	43.6	22.8	5.5							
G153.0	40.6	22.7	5.6							
G154.0	38.3	22.7	5.6							
G155.0	36.5	22.4	5.7							
G156.0	34.8	21.7	5.7							
G157.0	32.9	21.3	5.7							
G158.0	31.1	21.6	5.7							
G159.0	29.3	21.5	5.7							
G160.0	27.4	20.8	5.8							
G161.0	27.0	20.4	5.8							
G162.0	26.3	19.4	5.8							
G163.0	25.2	18.6	5.8							
G164.0	22.7	17.7	5.8							
G165.0	20.0	17.3	5.8							
G166.0	18.5	16.6	5.8							
G167.0	18.3	15.6	5.8							
G168.0	18.8	14.8	5.8							
G169.0	18.8	14.1	5.8							
G170.0	18.0	13.3	5.8							
G171.0	15.7	12.4	5.7							
G172.0	15.7	11.6	5.6							
G173.0	15.7	10.7	5.6							
G174.0	14.3	9.7	5.6							
G175.0	12.6	8.6	5.5							
G176.0	11.3	7.9	5.4							
G177.0	9.7	6.8	5.4							
G178.0	8.4	6.2	5.4							
G179.0	6.7	5.7	5.4							
G180.0	6.1	5.8	5.3							

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.008 m
Humidity:
Inspector: