

Report No.:

Test Time: 2018-08-22 17:14

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-3W-3000K-36D

Voltage: 12.1 V

Current: 0.397 A

Power: 3.60 W

Power Factor: 0.755

Photometric Results

CIE Class: Direct

Measurement Flux: 343.5 lm

Downward Ratio: 99%

Total Rated Lamp Lumens: 343.5 lm

Efficiency: 100%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,25%,50%,75%): H78,H63.8,H47.1,H30.7

Vertical Diffuse Angle(10%,25%,50%,75%): V79.1,V64.6,V48.7,V32.1

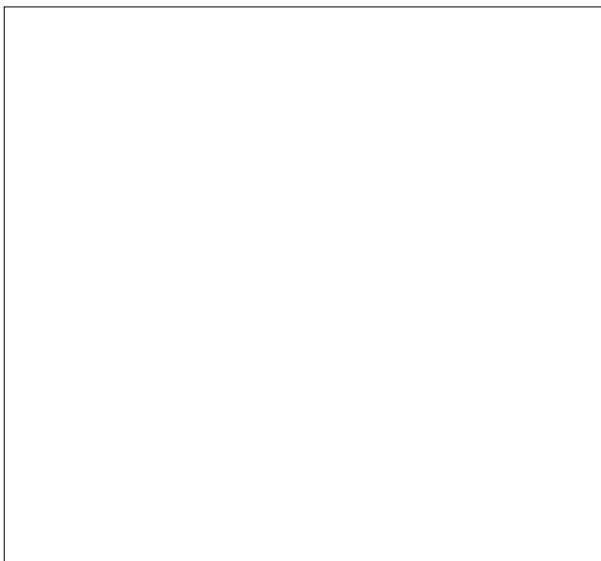
Luminaire Efficacy Rating (LER): 95

Central Intensity: 499.3 cd

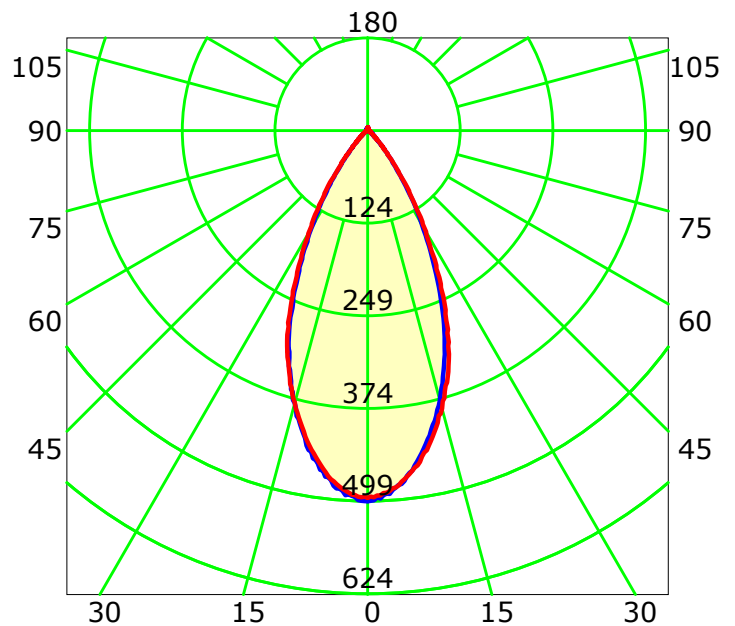
Max. Intensity: 499.3 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

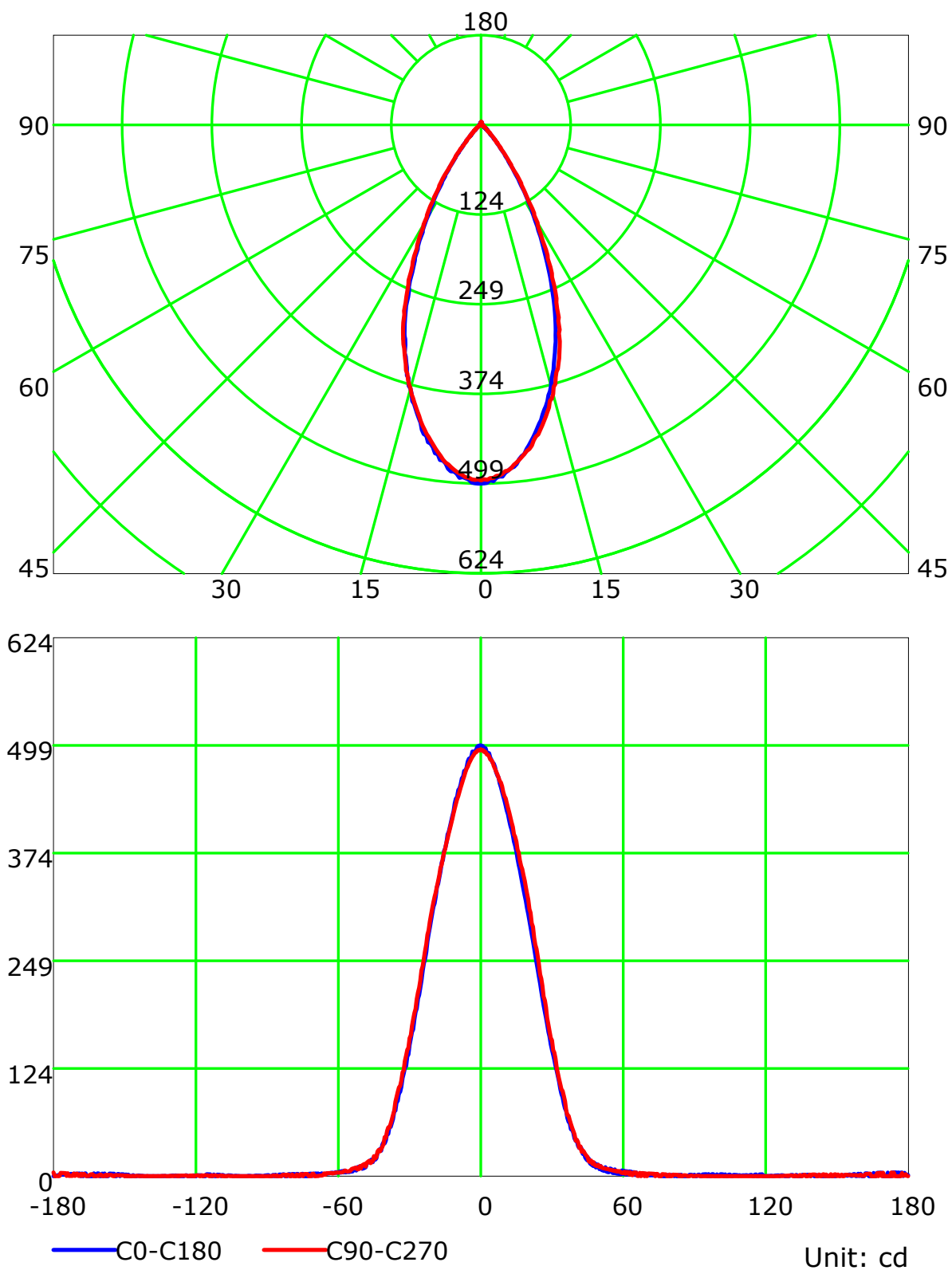
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

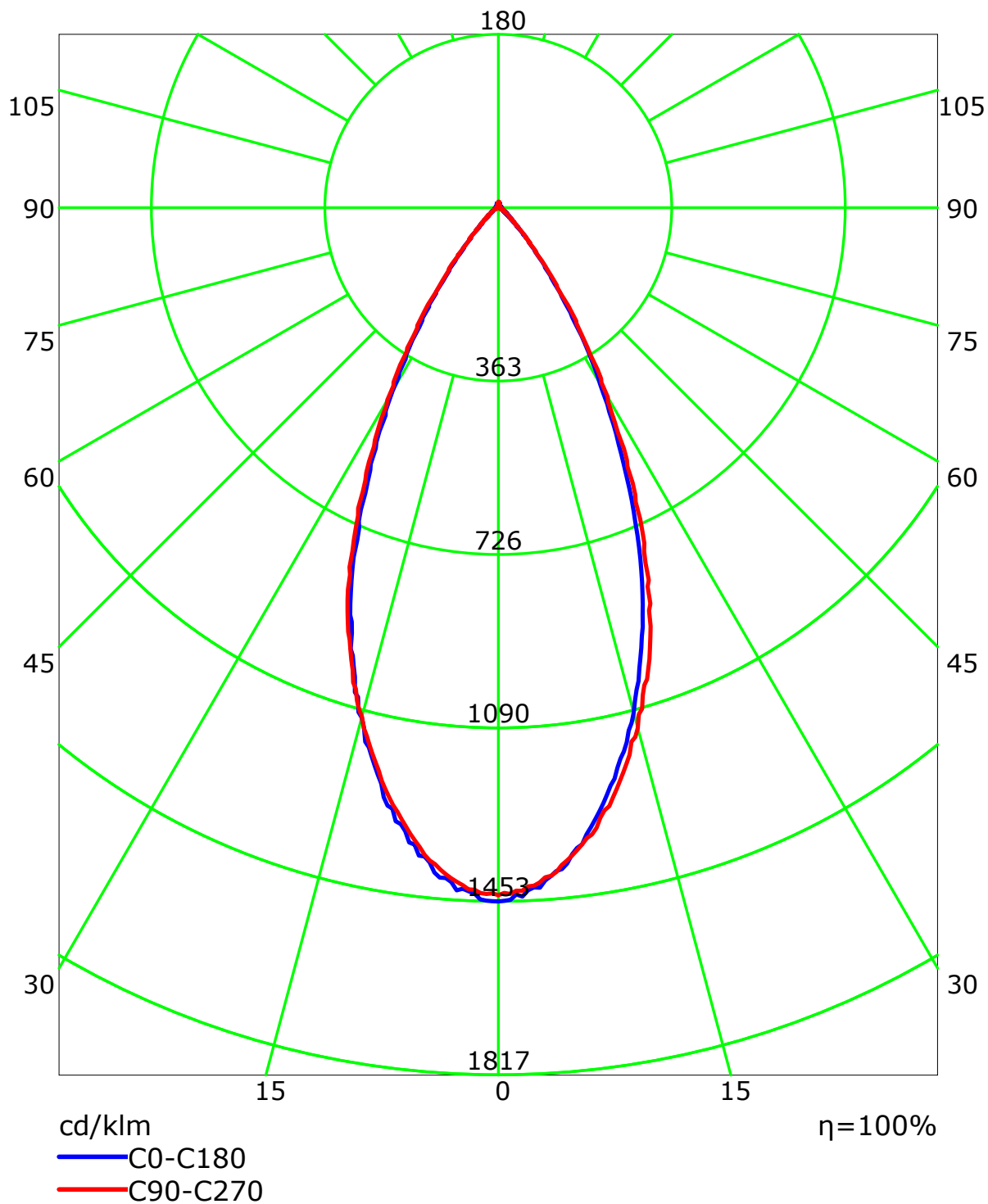
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



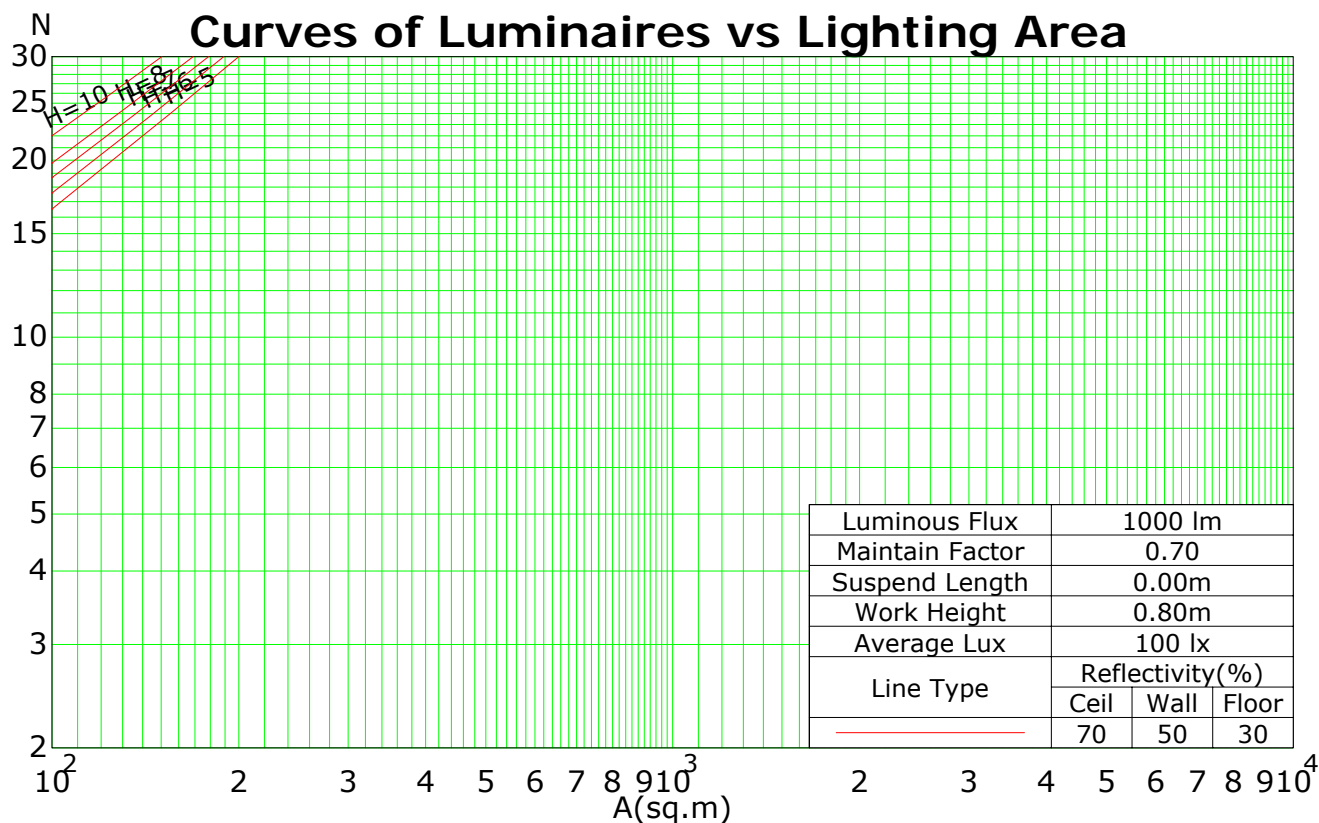
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	110	108	106	111	108	106	104	104	102	101	100	99	97	97	95	94	93
2	108	103	99	96	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	91	87	100	95	90	87	92	88	85	89	86	84	87	84	82	81
4	97	90	85	80	96	89	84	80	87	82	79	84	81	78	83	79	77	75
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	78	75	72	71
6	88	80	74	70	87	79	73	69	77	72	69	76	72	68	74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	65	72	67	64	71	67	64	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59
9	77	67	62	58	76	67	61	58	66	61	57	65	60	57	64	60	57	56
10	73	64	58	55	72	64	58	55	63	58	54	62	57	54	61	57	54	53

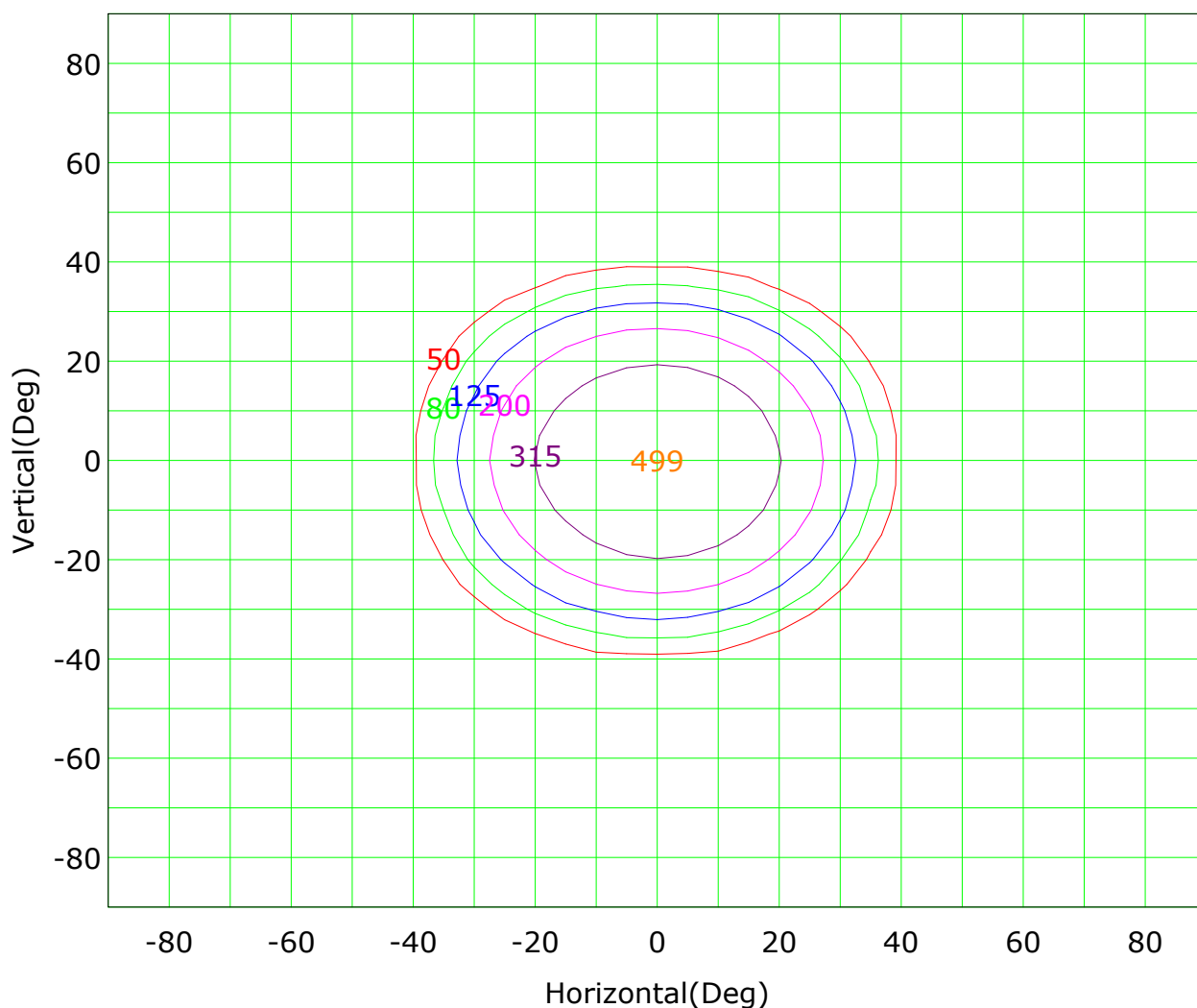
Spacing Criteria (0-180): 0.74
Spacing Criteria (90-270): 0.77
Spacing Criteria (Diagonal): 0.75



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 499 cd

(10%):	50 cd	(16%):	80 cd
(25%):	125 cd	(40%):	200 cd
(63%):	315 cd	(100%):	499 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

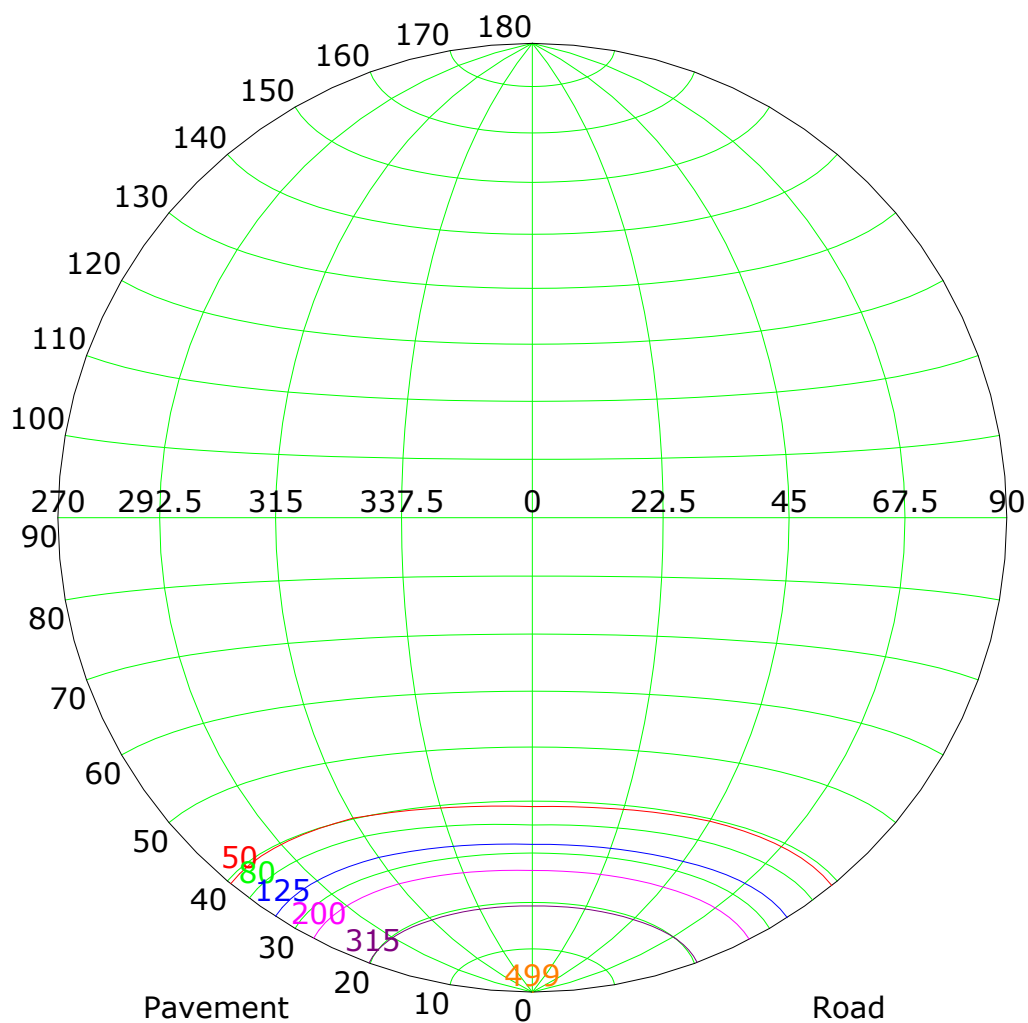
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 499 cd

(10%):	50 cd	(16%):	80 cd
(25%):	125 cd	(40%):	200 cd
(63%):	315 cd	(100%):	499 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

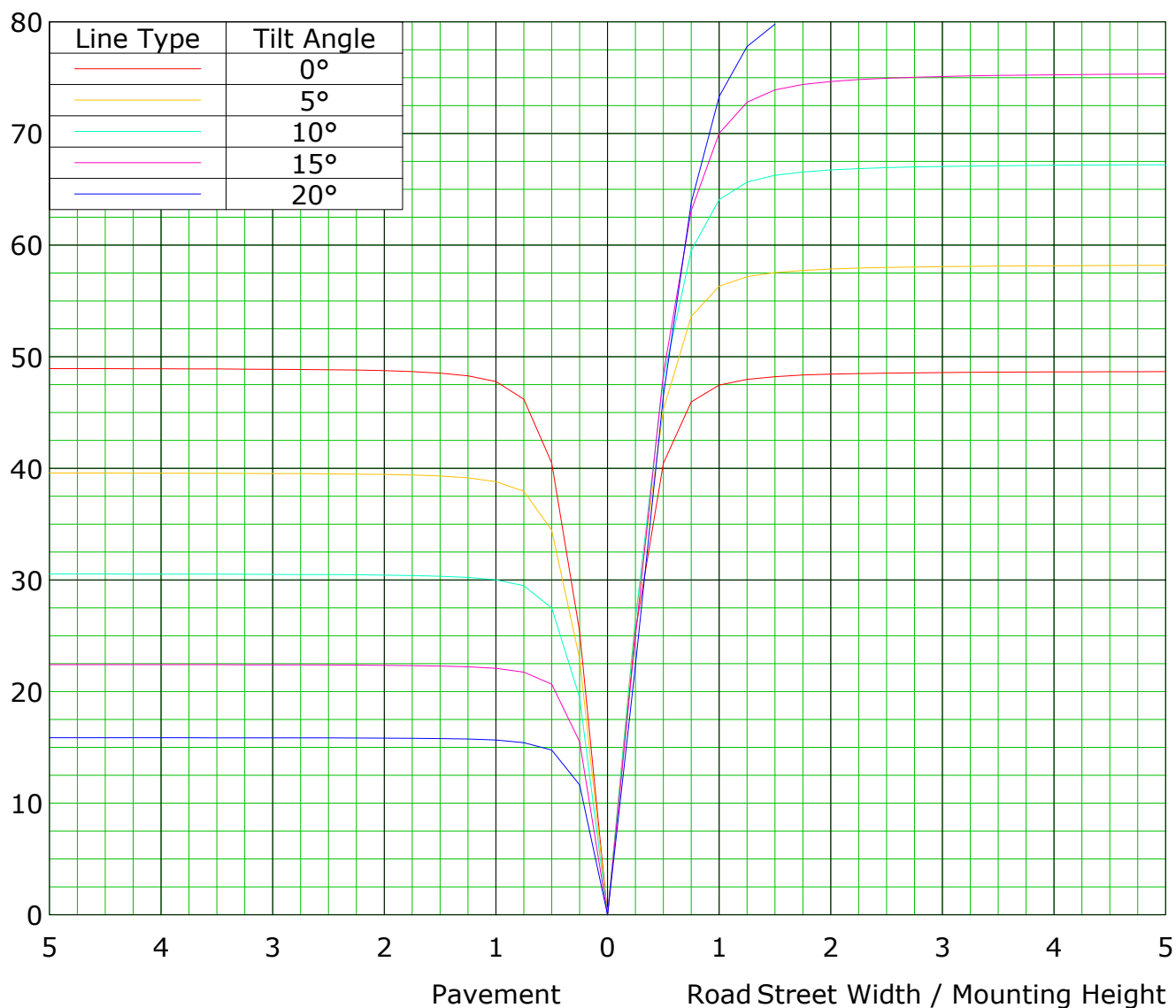
Humidity:

Inspector:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

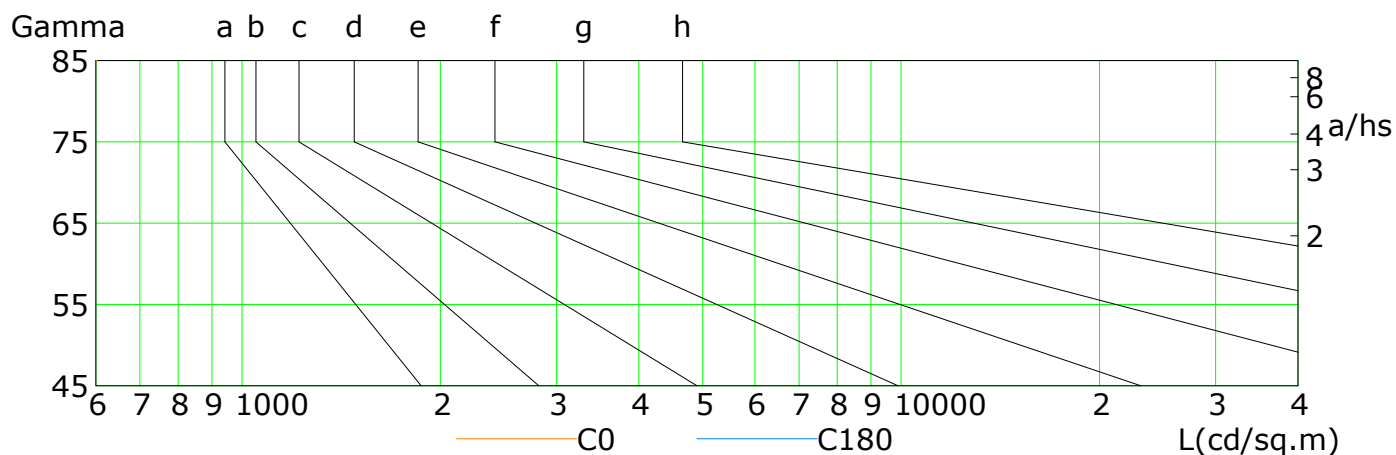
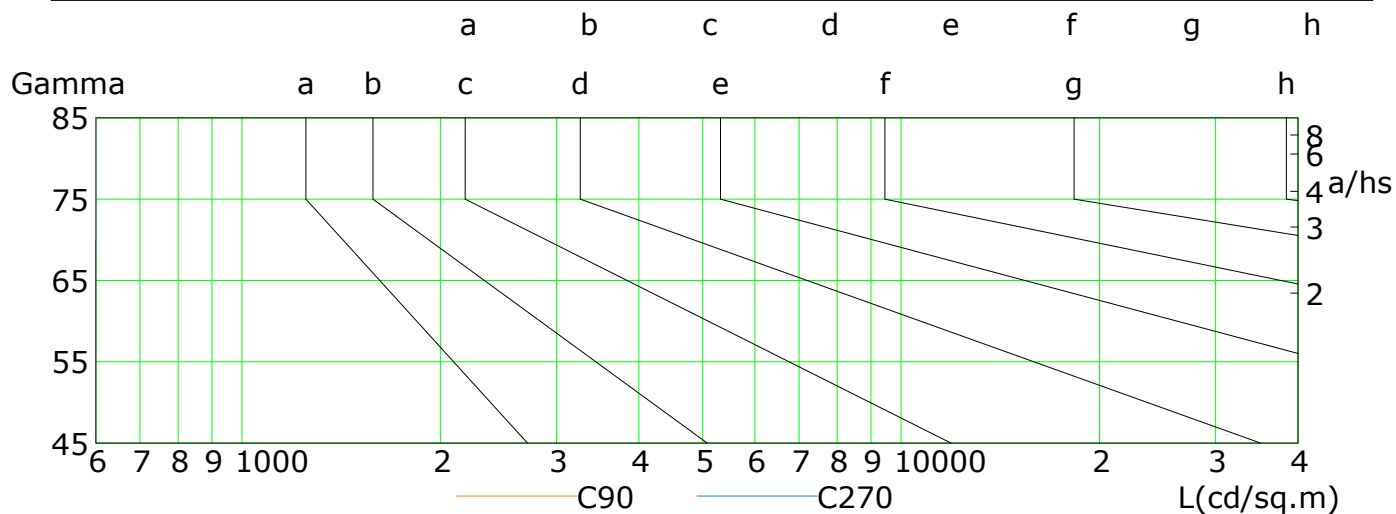
Distance: 8.177 m

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	18	8	8	2	1	1	1	1	0
C90	22	11	7	4	4	0	0	0	0
C180	22	9	5	4	3	3	3	0	2
C270	23	13	6	4	3	0	0	0	0

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

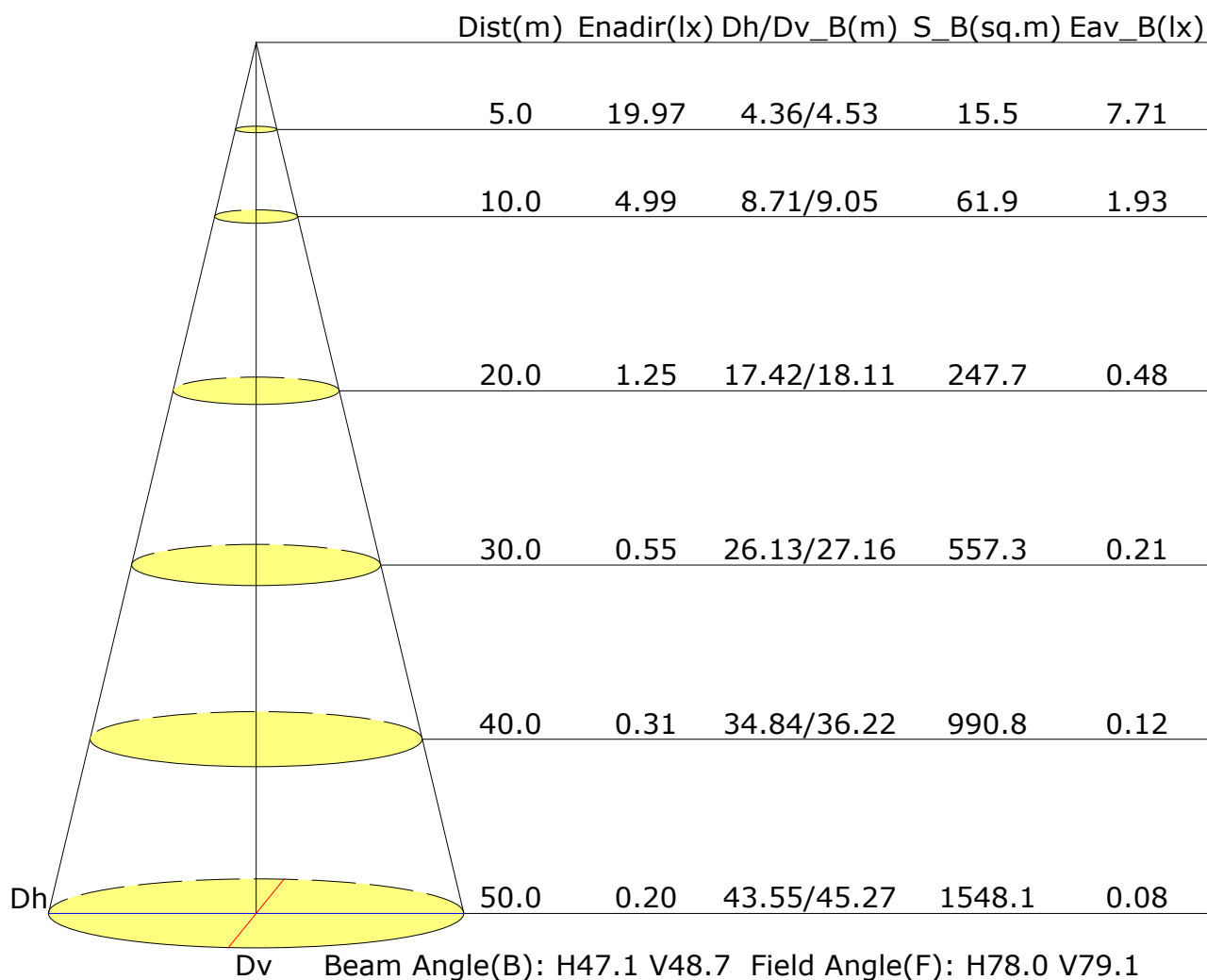
Test Device: GPM-1600

Distance: 8.177 m

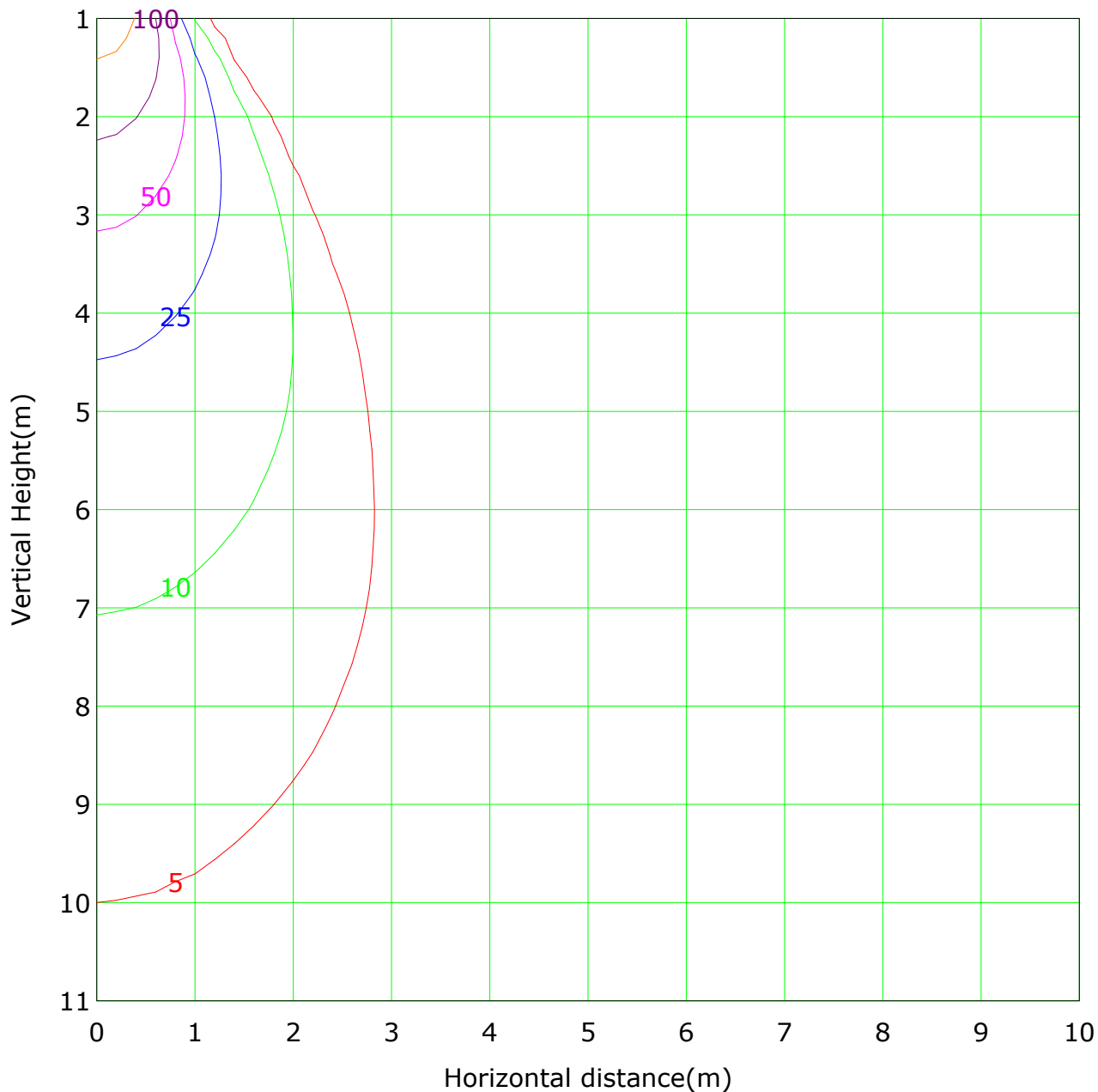
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 499.3 lx

— (1%): 5.0 lx	— (2%): 10.0 lx
— (5%): 25.0 lx	— (10%): 49.9 lx
— (20%): 99.9 lx	— (50%): 249.6 lx
— (100%): 499.3 lx	

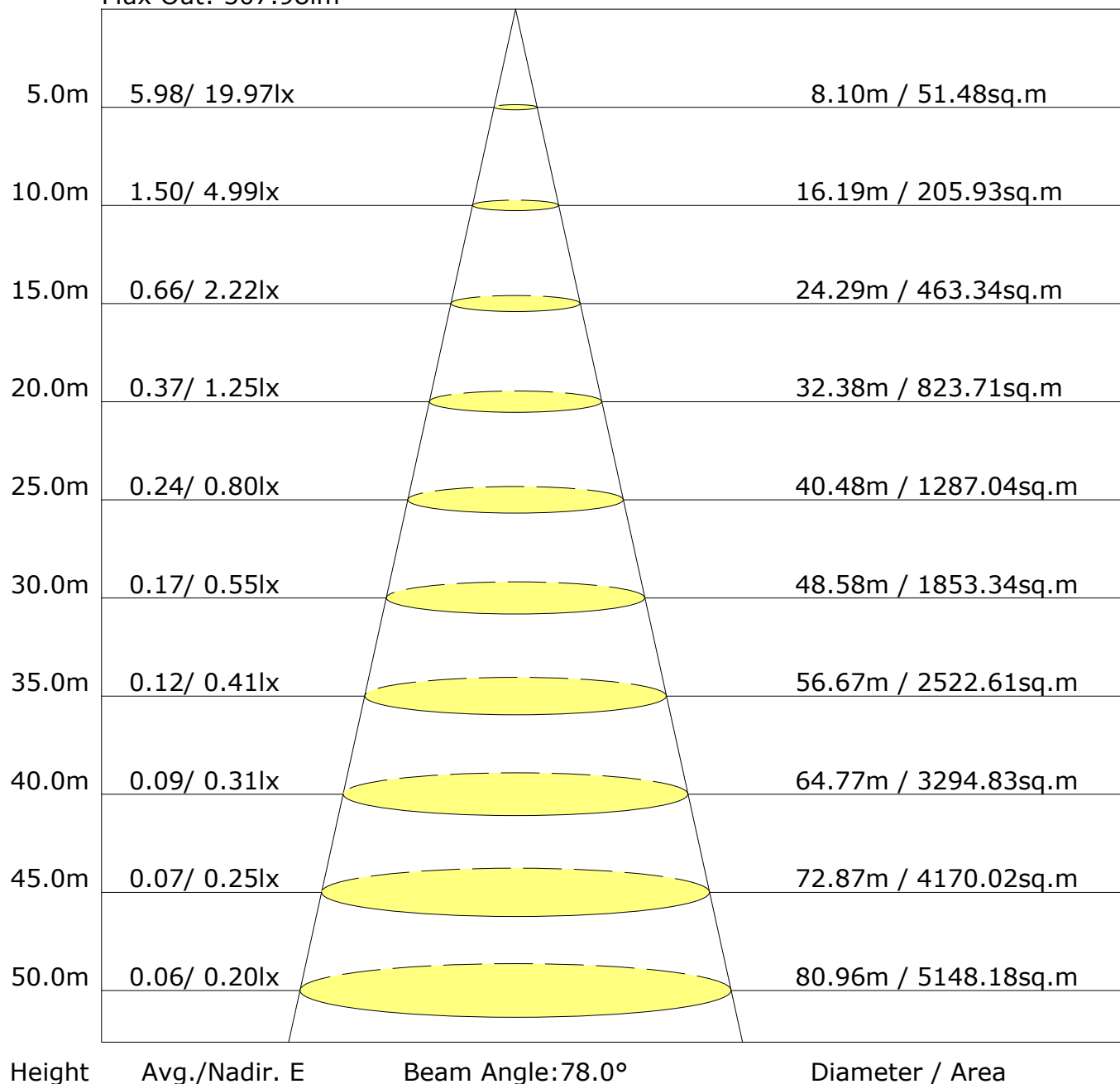
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 307.98lm



C Plane (°): 0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

UGR Table

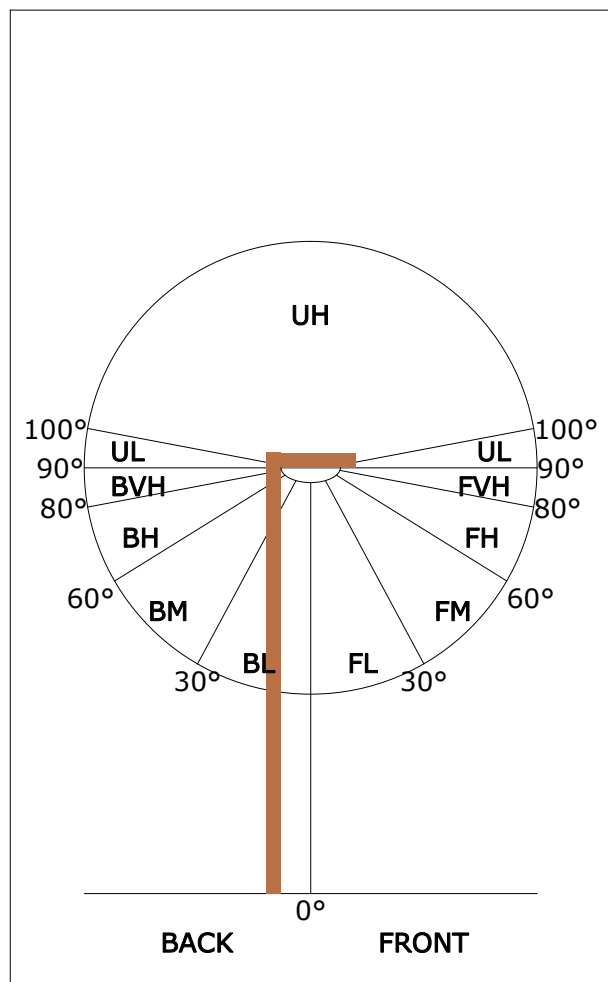
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	170	49.4
FL (0°-30°)	127	37.1
FM (30°-60°)	40	11.5
FH (60°-80°)	2	0.7
FVH (80°-90°)	0	0.1
BACK LIGHT	171	49.7
BL (0°-30°)	127	37.0
BM (30°-60°)	41	12.0
BH (60°-80°)	2	0.6
BVH (80°-90°)	0	0.1
UP LIGHT	3	0.9
UL (90°-100°)	0	0.1
UH (100°-180°)	3	0.9
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: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

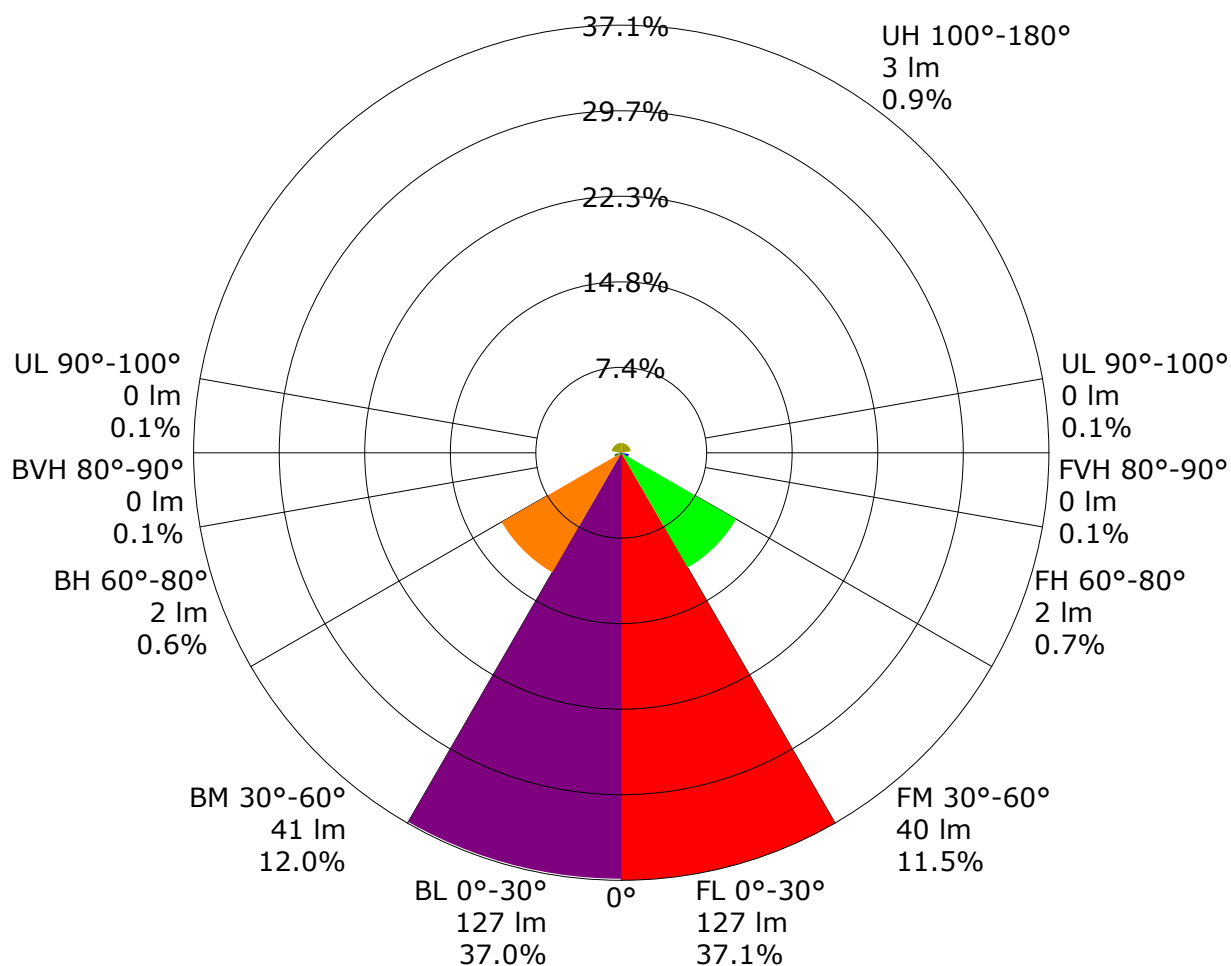
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.84	0.90	0.95	0.98	1.02	1.05	1.07	1.09	1.10	
	0.30		0.79	0.86	0.90	0.94	0.99	1.02	1.04	1.07	1.09	
	0.20		0.75	0.82	0.87	0.91	0.96	0.99	1.01	1.05	1.07	
0.50	0.50	0.20	0.82	0.89	0.93	0.95	0.99	1.01	1.03	1.05	1.06	
	0.30		0.78	0.85	0.89	0.92	0.96	0.99	1.01	1.03	1.05	
	0.20		0.75	0.82	0.86	0.89	0.94	0.97	0.99	1.02	1.03	
0.30	0.50	0.20	0.81	0.87	0.91	0.93	0.96	0.98	1.00	1.01	1.02	
	0.30		0.77	0.84	0.88	0.90	0.94	0.96	0.98	1.00	1.01	
	0.20		0.75	0.81	0.85	0.88	0.92	0.95	0.96	0.99	1.00	
0.00	0.00	0.00	0.73	0.79	0.83	0.85	0.89	0.91	0.92	0.94	0.95	
<p>Rating:4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.60	0.48	0.40	0.35	0.27	0.22	0.19	0.15	0.12	
	0.30		0.50	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.11	
	0.20		0.43	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.57	0.45	0.38	0.32	0.25	0.25	0.18	0.13	0.11	
	0.30		0.48	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.10	
	0.20		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
0.30	0.50	0.20	0.54	0.43	0.35	0.30	0.23	0.19	0.16	0.12	0.10	
	0.30		0.46	0.38	0.32	0.27	0.22	0.18	0.15	0.12	0.10	
	0.20		0.41	0.34	0.29	0.25	0.20	0.17	0.14	0.11	0.09	
0.00	0.00	0.00	0.27	0.21	0.17	0.15	0.11	0.09	0.08	0.06	0.05	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.14	0.15	0.17	0.17	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating:4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	495.6	0.1	0.1	0.03	0.03
0.5-1.0	494.6	0.4	0.5	0.10	0.14
1.0-1.5	494.2	0.6	1.1	0.17	0.31
1.5-2.0	493.5	0.8	1.9	0.24	0.55
2.0-2.5	491.5	1.1	2.9	0.31	0.86
2.5-3.0	489.6	1.3	4.2	0.37	1.23
3.0-3.5	488.7	1.5	5.8	0.44	1.68
3.5-4.0	486.4	1.7	7.5	0.51	2.18
4.0-4.5	483.3	2.0	9.5	0.57	2.76
4.5-5.0	480.7	2.2	11.6	0.64	3.39
5.0-5.5	477.6	2.4	14.0	0.70	4.09
5.5-6.0	474.2	2.6	16.6	0.76	4.85
6.0-6.5	470.4	2.8	19.5	0.82	5.66
6.5-7.0	467.0	3.0	22.5	0.88	6.54
7.0-7.5	463.3	3.2	25.7	0.93	7.47
7.5-8.0	459.2	3.4	29.1	0.99	8.46
8.0-8.5	454.9	3.6	32.6	1.04	9.51
8.5-9.0	450.2	3.8	36.4	1.09	10.60
9.0-9.5	445.2	3.9	40.3	1.14	11.74
9.5-10.0	440.1	4.1	44.4	1.19	12.93
10.0-10.5	435.8	4.3	48.7	1.24	14.17
10.5-11.0	431.0	4.4	53.1	1.28	15.45
11.0-11.5	425.3	4.5	57.6	1.32	16.78
11.5-12.0	419.5	4.7	62.3	1.36	18.14
12.0-12.5	413.1	4.8	67.1	1.40	19.54
12.5-13.0	407.6	4.9	72.0	1.44	20.98
13.0-13.5	402.0	5.1	77.1	1.47	22.45
13.5-14.0	395.6	5.2	82.3	1.50	23.95
14.0-14.5	389.5	5.3	87.5	1.53	25.48
14.5-15.0	383.9	5.4	92.9	1.56	27.04
15.0-15.5	377.8	5.4	98.3	1.59	28.63
15.5-16.0	370.9	5.5	103.8	1.61	30.23
16.0-16.5	364.3	5.6	109.4	1.63	31.86
16.5-17.0	357.4	5.6	115.1	1.64	33.50
17.0-17.5	350.4	5.7	120.8	1.66	35.16
17.5-18.0	343.2	5.7	126.5	1.67	36.83

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
18.0-18.5	336.3	5.8	132.3	1.68	38.51
18.5-19.0	329.7	5.8	138.1	1.69	40.21
19.0-19.5	322.2	5.8	143.9	1.70	41.90
19.5-20.0	314.5	5.8	149.7	1.70	43.60
20.0-20.5	306.8	5.8	155.6	1.69	45.29
20.5-21.0	299.4	5.8	161.4	1.69	46.99
21.0-21.5	292.2	5.8	167.2	1.69	48.68
21.5-22.0	284.5	5.8	173.0	1.68	50.36
22.0-22.5	276.7	5.7	178.7	1.67	52.03
22.5-23.0	267.9	5.7	184.4	1.65	53.69
23.0-23.5	259.4	5.6	190.0	1.63	55.32
23.5-24.0	251.5	5.6	195.6	1.62	56.94
24.0-24.5	243.6	5.5	201.0	1.60	58.54
24.5-25.0	235.0	5.4	206.4	1.57	60.11
25.0-25.5	226.4	5.3	211.7	1.54	61.65
25.5-26.0	218.6	5.2	216.9	1.52	63.16
26.0-26.5	210.4	5.1	222.0	1.49	64.65
26.5-27.0	202.3	5.0	227.0	1.45	66.10
27.0-27.5	194.4	4.9	231.9	1.42	67.52
27.5-28.0	186.0	4.7	236.7	1.38	68.91
28.0-28.5	178.2	4.6	241.3	1.35	70.25
28.5-29.0	170.8	4.5	245.8	1.31	71.57
29.0-29.5	163.3	4.4	250.2	1.27	72.84
29.5-30.0	156.0	4.2	254.4	1.24	74.08
30.0-30.5	148.7	4.1	258.5	1.20	75.27
30.5-31.0	142.3	4.0	262.5	1.16	76.43
31.0-31.5	136.3	3.9	266.4	1.13	77.56
31.5-32.0	129.5	3.7	270.1	1.09	78.65
32.0-32.5	122.8	3.6	273.7	1.05	79.70
32.5-33.0	116.8	3.5	277.2	1.01	80.70
33.0-33.5	110.4	3.3	280.5	0.97	81.67
33.5-34.0	103.4	3.2	283.7	0.92	82.59
34.0-34.5	98.3	3.0	286.7	0.88	83.47
34.5-35.0	93.4	2.9	289.6	0.85	84.32
35.0-35.5	87.9	2.8	292.4	0.81	85.13
35.5-36.0	82.2	2.6	295.0	0.77	85.90

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
36.0-36.5	75.9	2.5	297.5	0.72	86.61
36.5-37.0	71.1	2.3	299.8	0.68	87.29
37.0-37.5	66.7	2.2	302.0	0.64	87.94
37.5-38.0	62.2	2.1	304.1	0.61	88.55
38.0-38.5	58.6	2.0	306.1	0.58	89.13
38.5-39.0	55.1	1.9	308.0	0.55	89.68
39.0-39.5	51.2	1.8	309.8	0.52	90.19
39.5-40.0	46.9	1.6	311.4	0.48	90.67
40.0-40.5	43.2	1.5	313.0	0.45	91.12
40.5-41.0	40.6	1.5	314.4	0.42	91.54
41.0-41.5	37.1	1.3	315.7	0.39	91.93
41.5-42.0	34.5	1.3	317.0	0.37	92.30
42.0-42.5	32.0	1.2	318.2	0.34	92.64
42.5-43.0	29.7	1.1	319.3	0.32	92.96
43.0-43.5	28.5	1.1	320.4	0.31	93.28
43.5-44.0	25.6	1.0	321.3	0.28	93.56
44.0-44.5	22.3	0.9	322.2	0.25	93.81
44.5-45.0	21.1	0.8	323.0	0.24	94.04
45.0-45.5	19.6	0.8	323.8	0.22	94.27
45.5-46.0	17.9	0.7	324.5	0.20	94.47
46.0-46.5	17.0	0.7	325.1	0.20	94.67
46.5-47.0	15.9	0.6	325.8	0.18	94.85
47.0-47.5	14.8	0.6	326.4	0.17	95.02
47.5-48.0	14.3	0.6	326.9	0.17	95.19
48.0-48.5	13.1	0.5	327.5	0.16	95.35
48.5-49.0	11.9	0.5	328.0	0.14	95.49
49.0-49.5	11.9	0.5	328.5	0.14	95.64
49.5-50.0	10.9	0.5	328.9	0.13	95.77
50.0-50.5	10.3	0.4	329.4	0.13	95.90
50.5-51.0	10.4	0.4	329.8	0.13	96.02
51.0-51.5	9.7	0.4	330.2	0.12	96.14
51.5-52.0	8.6	0.4	330.6	0.11	96.25
52.0-52.5	8.5	0.4	331.0	0.11	96.36
52.5-53.0	8.7	0.4	331.3	0.11	96.47
53.0-53.5	8.4	0.4	331.7	0.11	96.58
53.5-54.0	7.5	0.3	332.0	0.10	96.67

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
54.0-54.5	7.3	0.3	332.4	0.09	96.77
54.5-55.0	7.0	0.3	332.7	0.09	96.86
55.0-55.5	6.1	0.3	332.9	0.08	96.94
55.5-56.0	5.6	0.3	333.2	0.07	97.01
56.0-56.5	5.8	0.3	333.5	0.08	97.09
56.5-57.0	6.2	0.3	333.7	0.08	97.17
57.0-57.5	5.9	0.3	334.0	0.08	97.25
57.5-58.0	5.6	0.3	334.3	0.08	97.33
58.0-58.5	5.7	0.3	334.5	0.08	97.40
58.5-59.0	5.2	0.2	334.8	0.07	97.48
59.0-59.5	4.8	0.2	335.0	0.07	97.54
59.5-60.0	4.7	0.2	335.2	0.06	97.61
60.0-60.5	4.3	0.2	335.4	0.06	97.67
60.5-61.0	4.4	0.2	335.6	0.06	97.73
61.0-61.5	4.2	0.2	335.9	0.06	97.78
61.5-62.0	4.4	0.2	336.1	0.06	97.85
62.0-62.5	4.4	0.2	336.3	0.06	97.91
62.5-63.0	4.3	0.2	336.5	0.06	97.97
63.0-63.5	3.9	0.2	336.7	0.06	98.02
63.5-64.0	3.3	0.2	336.8	0.05	98.07
64.0-64.5	3.0	0.1	337.0	0.04	98.12
64.5-65.0	3.1	0.2	337.1	0.04	98.16
65.0-65.5	3.1	0.2	337.3	0.05	98.21
65.5-66.0	2.5	0.1	337.4	0.04	98.24
66.0-66.5	2.2	0.1	337.5	0.03	98.27
66.5-67.0	2.1	0.1	337.6	0.03	98.31
67.0-67.5	2.1	0.1	337.7	0.03	98.34
67.5-68.0	2.3	0.1	337.9	0.03	98.37
68.0-68.5	2.5	0.1	338.0	0.04	98.41
68.5-69.0	2.5	0.1	338.1	0.04	98.44
69.0-69.5	2.0	0.1	338.2	0.03	98.47
69.5-70.0	1.9	0.1	338.3	0.03	98.50
70.0-70.5	2.0	0.1	338.4	0.03	98.53
70.5-71.0	1.8	0.1	338.5	0.03	98.56
71.0-71.5	1.8	0.1	338.6	0.03	98.59
71.5-72.0	1.9	0.1	338.7	0.03	98.62

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
72.0-72.5	2.3	0.1	338.8	0.03	98.65
72.5-73.0	2.0	0.1	338.9	0.03	98.68
73.0-73.5	1.2	0.1	339.0	0.02	98.70
73.5-74.0	1.0	0.1	339.0	0.02	98.71
74.0-74.5	1.3	0.1	339.1	0.02	98.73
74.5-75.0	1.2	0.1	339.2	0.02	98.75
75.0-75.5	1.4	0.1	339.2	0.02	98.77
75.5-76.0	1.2	0.1	339.3	0.02	98.79
76.0-76.5	0.6	0.0	339.3	0.01	98.80
76.5-77.0	0.9	0.0	339.4	0.01	98.82
77.0-77.5	1.0	0.1	339.4	0.02	98.83
77.5-78.0	0.9	0.0	339.5	0.01	98.84
78.0-78.5	0.9	0.0	339.5	0.01	98.86
78.5-79.0	0.9	0.0	339.6	0.01	98.87
79.0-79.5	1.2	0.1	339.7	0.02	98.89
79.5-80.0	1.0	0.1	339.7	0.02	98.91
80.0-80.5	0.7	0.0	339.7	0.01	98.92
80.5-81.0	1.1	0.1	339.8	0.02	98.94
81.0-81.5	0.8	0.0	339.8	0.01	98.95
81.5-82.0	0.7	0.0	339.9	0.01	98.96
82.0-82.5	0.8	0.0	339.9	0.01	98.97
82.5-83.0	0.6	0.0	340.0	0.01	98.98
83.0-83.5	0.8	0.0	340.0	0.01	98.99
83.5-84.0	0.7	0.0	340.0	0.01	99.01
84.0-84.5	0.6	0.0	340.1	0.01	99.02
84.5-85.0	0.6	0.0	340.1	0.01	99.03
85.0-85.5	0.3	0.0	340.1	0.01	99.03
85.5-86.0	0.3	0.0	340.1	0.01	99.04
86.0-86.5	0.4	0.0	340.2	0.01	99.04
86.5-87.0	0.3	0.0	340.2	0.00	99.05
87.0-87.5	0.3	0.0	340.2	0.00	99.05
87.5-88.0	0.3	0.0	340.2	0.01	99.06
88.0-88.5	0.3	0.0	340.2	0.01	99.06
88.5-89.0	0.3	0.0	340.3	0.00	99.07
89.0-89.5	0.3	0.0	340.3	0.00	99.07
89.5-90.0	0.3	0.0	340.3	0.00	99.08

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 5)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.3	0.0	340.3	0.00	99.08
90.5-91.0	0.2	0.0	340.3	0.00	99.08
91.0-91.5	0.2	0.0	340.3	0.00	99.09
91.5-92.0	0.3	0.0	340.3	0.00	99.09
92.0-92.5	0.2	0.0	340.4	0.00	99.09
92.5-93.0	0.0	0.0	340.4	0.00	99.10
93.0-93.5	0.2	0.0	340.4	0.00	99.10
93.5-94.0	0.4	0.0	340.4	0.01	99.10
94.0-94.5	0.4	0.0	340.4	0.01	99.11
94.5-95.0	0.4	0.0	340.4	0.01	99.12
95.0-95.5	0.2	0.0	340.4	0.00	99.12
95.5-96.0	0.2	0.0	340.4	0.00	99.12
96.0-96.5	0.2	0.0	340.5	0.00	99.13
96.5-97.0	0.0	0.0	340.5	0.00	99.13
97.0-97.5	0.2	0.0	340.5	0.00	99.13
97.5-98.0	0.4	0.0	340.5	0.01	99.14
98.0-98.5	0.2	0.0	340.5	0.00	99.14
98.5-99.0	0.0	0.0	340.5	0.00	99.14
99.0-99.5	0.2	0.0	340.5	0.00	99.14
99.5-100.0	0.2	0.0	340.5	0.00	99.14
100.0-100.5	0.0	0.0	340.5	0.00	99.14
100.5-101.0	0.2	0.0	340.5	0.00	99.15
101.0-101.5	0.3	0.0	340.5	0.01	99.15
101.5-102.0	0.3	0.0	340.6	0.01	99.16
102.0-102.5	0.2	0.0	340.6	0.00	99.16
102.5-103.0	0.2	0.0	340.6	0.00	99.16
103.0-103.5	0.3	0.0	340.6	0.00	99.17
103.5-104.0	0.1	0.0	340.6	0.00	99.17
104.0-104.5	0.2	0.0	340.6	0.00	99.17
104.5-105.0	0.4	0.0	340.6	0.01	99.18
105.0-105.5	0.2	0.0	340.6	0.00	99.18
105.5-106.0	0.2	0.0	340.7	0.00	99.18
106.0-106.5	0.3	0.0	340.7	0.01	99.19
106.5-107.0	0.4	0.0	340.7	0.01	99.19
107.0-107.5	0.3	0.0	340.7	0.01	99.20
107.5-108.0	0.3	0.0	340.7	0.01	99.20

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	0.4	0.0	340.7	0.01	99.21
108.5-109.0	0.5	0.0	340.8	0.01	99.22
109.0-109.5	0.4	0.0	340.8	0.01	99.22
109.5-110.0	0.4	0.0	340.8	0.01	99.23
110.0-110.5	0.5	0.0	340.8	0.01	99.24
110.5-111.0	0.5	0.0	340.9	0.01	99.25
111.0-111.5	0.5	0.0	340.9	0.01	99.25
111.5-112.0	0.6	0.0	340.9	0.01	99.26
112.0-112.5	0.6	0.0	341.0	0.01	99.27
112.5-113.0	0.3	0.0	341.0	0.00	99.28
113.0-113.5	0.3	0.0	341.0	0.00	99.28
113.5-114.0	0.6	0.0	341.0	0.01	99.29
114.0-114.5	0.6	0.0	341.0	0.01	99.30
114.5-115.0	0.5	0.0	341.1	0.01	99.31
115.0-115.5	0.7	0.0	341.1	0.01	99.32
115.5-116.0	0.7	0.0	341.1	0.01	99.33
116.0-116.5	0.5	0.0	341.2	0.01	99.33
116.5-117.0	0.4	0.0	341.2	0.01	99.34
117.0-117.5	0.5	0.0	341.2	0.01	99.35
117.5-118.0	0.7	0.0	341.2	0.01	99.36
118.0-118.5	0.6	0.0	341.3	0.01	99.36
118.5-119.0	0.4	0.0	341.3	0.01	99.37
119.0-119.5	0.5	0.0	341.3	0.01	99.38
119.5-120.0	0.5	0.0	341.3	0.01	99.38
120.0-120.5	0.4	0.0	341.4	0.01	99.39
120.5-121.0	0.4	0.0	341.4	0.01	99.39
121.0-121.5	0.4	0.0	341.4	0.00	99.40
121.5-122.0	0.3	0.0	341.4	0.00	99.40
122.0-122.5	0.4	0.0	341.4	0.01	99.41
122.5-123.0	0.3	0.0	341.4	0.00	99.41
123.0-123.5	0.2	0.0	341.5	0.00	99.42
123.5-124.0	0.4	0.0	341.5	0.00	99.42
124.0-124.5	0.5	0.0	341.5	0.01	99.43
124.5-125.0	0.3	0.0	341.5	0.00	99.43
125.0-125.5	0.3	0.0	341.5	0.00	99.43
125.5-126.0	0.4	0.0	341.5	0.00	99.44

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 7)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.4	0.0	341.5	0.01	99.44
126.5-127.0	0.4	0.0	341.6	0.00	99.45
127.0-127.5	0.4	0.0	341.6	0.01	99.45
127.5-128.0	0.3	0.0	341.6	0.00	99.46
128.0-128.5	0.3	0.0	341.6	0.00	99.46
128.5-129.0	0.4	0.0	341.6	0.00	99.47
129.0-129.5	0.3	0.0	341.6	0.00	99.47
129.5-130.0	0.3	0.0	341.6	0.00	99.47
130.0-130.5	0.4	0.0	341.7	0.00	99.48
130.5-131.0	0.5	0.0	341.7	0.01	99.48
131.0-131.5	0.4	0.0	341.7	0.01	99.49
131.5-132.0	0.2	0.0	341.7	0.00	99.49
132.0-132.5	0.2	0.0	341.7	0.00	99.49
132.5-133.0	0.3	0.0	341.7	0.00	99.50
133.0-133.5	0.2	0.0	341.7	0.00	99.50
133.5-134.0	0.1	0.0	341.7	0.00	99.50
134.0-134.5	0.3	0.0	341.8	0.00	99.50
134.5-135.0	0.2	0.0	341.8	0.00	99.51
135.0-135.5	0.2	0.0	341.8	0.00	99.51
135.5-136.0	0.5	0.0	341.8	0.01	99.51
136.0-136.5	0.6	0.0	341.8	0.01	99.52
136.5-137.0	0.4	0.0	341.8	0.00	99.52
137.0-137.5	0.3	0.0	341.8	0.00	99.53
137.5-138.0	0.4	0.0	341.8	0.00	99.53
138.0-138.5	0.5	0.0	341.9	0.01	99.54
138.5-139.0	0.4	0.0	341.9	0.00	99.54
139.0-139.5	0.5	0.0	341.9	0.01	99.54
139.5-140.0	0.7	0.0	341.9	0.01	99.55
140.0-140.5	0.5	0.0	341.9	0.01	99.56
140.5-141.0	0.4	0.0	342.0	0.00	99.56
141.0-141.5	0.5	0.0	342.0	0.00	99.57
141.5-142.0	0.3	0.0	342.0	0.00	99.57
142.0-142.5	0.4	0.0	342.0	0.00	99.57
142.5-143.0	0.7	0.0	342.0	0.01	99.58
143.0-143.5	0.6	0.0	342.0	0.01	99.59
143.5-144.0	0.6	0.0	342.1	0.01	99.59

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 8)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	0.8	0.0	342.1	0.01	99.60
144.5-145.0	0.7	0.0	342.1	0.01	99.61
145.0-145.5	0.4	0.0	342.1	0.00	99.61
145.5-146.0	0.6	0.0	342.1	0.01	99.61
146.0-146.5	0.5	0.0	342.2	0.00	99.62
146.5-147.0	0.6	0.0	342.2	0.01	99.62
147.0-147.5	0.8	0.0	342.2	0.01	99.63
147.5-148.0	0.5	0.0	342.2	0.00	99.64
148.0-148.5	0.6	0.0	342.2	0.01	99.64
148.5-149.0	0.8	0.0	342.2	0.01	99.65
149.0-149.5	1.0	0.0	342.3	0.01	99.66
149.5-150.0	0.8	0.0	342.3	0.01	99.66
150.0-150.5	0.9	0.0	342.3	0.01	99.67
150.5-151.0	1.4	0.0	342.4	0.01	99.68
151.0-151.5	1.1	0.0	342.4	0.01	99.69
151.5-152.0	0.9	0.0	342.4	0.01	99.70
152.0-152.5	0.9	0.0	342.4	0.01	99.70
152.5-153.0	1.4	0.0	342.5	0.01	99.71
153.0-153.5	1.6	0.0	342.5	0.01	99.72
153.5-154.0	1.1	0.0	342.5	0.01	99.73
154.0-154.5	1.0	0.0	342.6	0.01	99.74
154.5-155.0	1.3	0.0	342.6	0.01	99.75
155.0-155.5	1.3	0.0	342.6	0.01	99.76
155.5-156.0	1.4	0.0	342.7	0.01	99.77
156.0-156.5	1.4	0.0	342.7	0.01	99.77
156.5-157.0	1.2	0.0	342.7	0.01	99.78
157.0-157.5	1.3	0.0	342.7	0.01	99.79
157.5-158.0	1.7	0.0	342.8	0.01	99.80
158.0-158.5	1.4	0.0	342.8	0.01	99.81
158.5-159.0	0.7	0.0	342.8	0.00	99.81
159.0-159.5	0.7	0.0	342.8	0.00	99.82
159.5-160.0	1.1	0.0	342.8	0.01	99.82
160.0-160.5	1.3	0.0	342.9	0.01	99.83
160.5-161.0	1.4	0.0	342.9	0.01	99.84
161.0-161.5	1.4	0.0	342.9	0.01	99.84
161.5-162.0	1.7	0.0	343.0	0.01	99.85

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 9)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	2.0	0.0	343.0	0.01	99.86
162.5-163.0	2.1	0.0	343.0	0.01	99.87
163.0-163.5	1.9	0.0	343.0	0.01	99.88
163.5-164.0	1.3	0.0	343.1	0.01	99.89
164.0-164.5	1.1	0.0	343.1	0.00	99.89
164.5-165.0	1.1	0.0	343.1	0.00	99.90
165.0-165.5	1.4	0.0	343.1	0.01	99.90
165.5-166.0	1.1	0.0	343.1	0.00	99.91
166.0-166.5	1.3	0.0	343.2	0.00	99.91
166.5-167.0	2.2	0.0	343.2	0.01	99.92
167.0-167.5	2.1	0.0	343.2	0.01	99.93
167.5-168.0	1.9	0.0	343.2	0.01	99.93
168.0-168.5	2.0	0.0	343.2	0.01	99.94
168.5-169.0	1.7	0.0	343.3	0.01	99.94
169.0-169.5	1.6	0.0	343.3	0.00	99.95
169.5-170.0	1.5	0.0	343.3	0.00	99.95
170.0-170.5	1.5	0.0	343.3	0.00	99.96
170.5-171.0	1.1	0.0	343.3	0.00	99.96
171.0-171.5	1.6	0.0	343.3	0.00	99.96
171.5-172.0	1.7	0.0	343.3	0.00	99.97
172.0-172.5	1.3	0.0	343.4	0.00	99.97
172.5-173.0	1.7	0.0	343.4	0.00	99.97
173.0-173.5	1.7	0.0	343.4	0.00	99.98
173.5-174.0	2.0	0.0	343.4	0.00	99.98
174.0-174.5	1.9	0.0	343.4	0.00	99.98
174.5-175.0	1.6	0.0	343.4	0.00	99.99
175.0-175.5	2.0	0.0	343.4	0.00	99.99
175.5-176.0	2.2	0.0	343.4	0.00	99.99
176.0-176.5	2.1	0.0	343.4	0.00	99.99
176.5-177.0	2.4	0.0	343.4	0.00	100.00
177.0-177.5	2.6	0.0	343.4	0.00	100.00
177.5-178.0	1.5	0.0	343.5	0.00	100.00
178.0-178.5	1.2	0.0	343.5	0.00	100.00
178.5-179.0	1.3	0.0	343.5	0.00	100.00
179.0-179.5	1.5	0.0	343.5	0.00	100.00
179.5-180.0	2.1	0.0	343.5	0.00	100.00

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	499.3	496.5	494.8	494.6	499.3	496.5	494.8	494.6	499.3	
G0.5	498.9	496.3	493.3	492.2	499.2	493.5	493.5	492.4	498.9	
G1.0	498.3	493.0	494.1	491.6	498.8	493.0	494.1	491.9	498.3	
G1.5	494.4	494.5	491.7	490.7	498.0	495.5	493.5	493.6	494.4	
G2.0	496.1	493.1	492.0	491.0	493.9	494.4	491.3	492.7	496.1	
G2.5	491.7	489.2	489.0	488.0	492.5	489.6	491.1	488.8	491.7	
G3.0	490.0	487.6	488.7	486.3	490.9	491.6	488.4	490.1	490.0	
G3.5	490.3	487.4	486.7	485.5	492.2	489.6	486.3	488.3	490.3	
G4.0	485.4	485.0	483.2	482.5	486.6	483.2	484.0	486.2	485.4	
G4.5	482.6	482.4	482.4	480.3	483.9	480.2	481.3	483.9	482.6	
G5.0	479.3	479.4	479.9	478.0	484.0	477.1	478.3	477.6	479.3	
G5.5	478.2	476.3	475.4	475.0	480.7	473.6	474.8	474.5	478.2	
G6.0	474.6	472.7	472.5	471.6	473.8	470.1	472.5	471.2	474.6	
G6.5	468.5	468.8	469.3	468.2	470.0	466.4	468.8	467.5	468.5	
G7.0	464.4	464.7	465.8	464.9	469.8	466.8	463.8	463.9	464.4	
G7.5	462.2	460.0	462.2	461.2	462.3	458.3	459.6	463.6	462.2	
G8.0	455.6	455.7	458.3	457.7	461.4	458.4	455.1	455.2	455.6	
G8.5	450.8	450.9	456.2	453.8	453.8	454.3	450.4	450.8	450.8	
G9.0	445.7	446.0	451.8	448.8	449.2	444.9	445.6	450.7	445.7	
G9.5	440.7	441.0	445.2	444.1	447.7	440.0	440.7	441.5	440.7	
G10.0	435.2	436.5	440.4	440.7	439.2	434.9	436.7	436.6	435.2	
G10.5	429.6	431.6	438.1	434.2	437.7	433.9	431.6	435.6	429.6	
G11.0	423.7	425.6	432.4	429.0	432.3	428.5	426.4	426.0	423.7	
G11.5	419.5	420.2	427.1	423.4	423.0	422.9	421.0	424.7	419.5	
G12.0	412.1	414.7	421.6	419.9	417.3	412.2	414.2	418.9	412.1	
G12.5	406.3	409.2	416.0	412.0	411.4	406.5	408.7	408.2	406.3	
G13.0	401.7	403.5	410.4	406.3	405.4	405.2	403.2	407.0	401.7	
G13.5	395.7	399.2	404.8	402.6	399.3	394.5	397.6	396.1	395.7	
G14.0	387.9	393.7	396.1	396.8	396.2	388.3	391.6	389.8	387.9	
G14.5	383.1	387.8	393.5	388.4	386.5	381.7	386.9	383.3	383.1	
G15.0	376.4	381.7	387.9	384.6	380.0	379.5	379.5	381.3	376.4	
G15.5	368.0	375.3	378.5	378.8	376.8	372.0	374.9	369.5	368.0	
G16.0	361.0	368.7	375.2	372.8	366.4	365.2	369.1	362.7	361.0	
G16.5	355.3	361.8	366.1	366.7	363.8	358.2	361.2	355.3	355.3	
G17.0	347.0	355.2	359.4	357.3	353.2	351.3	357.4	349.0	347.0	
G17.5	339.9	345.2	355.9	349.9	346.2	344.0	348.8	346.1	339.9	
G18.0	333.0	340.7	349.1	343.0	339.0	333.1	342.3	334.2	333.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G18.5	325.5	334.2	342.7	336.6	334.8	329.0	335.6	327.3	325.5	
G19.0	319.2	326.8	335.0	332.8	323.9	322.4	328.8	320.5	319.2	
G19.5	311.0	315.8	327.9	321.3	316.3	311.5	323.8	318.2	311.0	
G20.0	303.8	308.0	320.5	313.7	312.0	304.1	316.9	306.6	303.8	
G20.5	296.4	300.2	309.7	306.1	304.2	296.6	310.0	299.4	296.4	
G21.0	288.7	295.7	305.3	298.4	296.4	288.9	302.8	292.3	288.7	
G21.5	280.7	284.2	293.2	294.3	288.5	281.2	295.4	288.6	280.7	
G22.0	272.8	275.5	289.1	286.2	280.5	275.2	284.9	281.4	272.8	
G22.5	264.6	271.9	276.7	278.2	272.4	267.3	280.1	270.0	264.6	
G23.0	256.2	259.5	268.4	270.0	259.9	259.4	268.9	263.4	256.2	
G23.5	247.4	251.0	263.4	260.7	251.5	251.4	260.8	259.0	247.4	
G24.0	239.8	242.7	254.8	248.0	246.8	243.5	252.3	251.4	239.8	
G24.5	231.7	234.3	246.1	244.3	238.5	235.6	243.7	243.6	231.7	
G25.0	223.4	225.9	233.8	230.8	226.6	227.7	238.7	235.8	223.4	
G25.5	214.5	221.5	228.9	222.1	218.4	219.9	226.6	227.9	214.5	
G26.0	206.4	213.1	220.4	217.6	210.3	211.2	218.3	220.2	206.4	
G26.5	198.4	200.8	208.1	209.8	205.9	203.6	213.1	209.2	198.4	
G27.0	190.5	196.7	203.8	196.5	194.3	196.0	205.0	204.5	190.5	
G27.5	183.7	184.0	195.8	192.3	190.2	188.5	193.8	194.0	183.7	
G28.0	176.3	176.0	183.2	179.2	182.4	180.4	189.3	186.7	176.3	
G28.5	167.3	173.2	175.4	176.0	170.1	173.0	181.7	181.0	167.3	
G29.0	161.8	160.8	167.7	163.9	167.2	166.4	174.3	173.6	161.8	
G29.5	153.2	153.5	160.4	160.4	160.0	159.2	163.5	166.2	153.2	
G30.0	146.4	146.3	157.4	148.6	152.1	152.2	159.9	157.6	146.4	
G30.5	141.0	144.2	146.2	141.5	141.1	143.6	148.7	151.9	141.0	
G31.0	135.2	132.6	143.4	138.4	138.9	138.5	146.5	145.1	135.2	
G31.5	128.3	130.2	136.9	131.5	127.7	130.2	139.9	138.4	128.3	
G32.0	122.2	123.8	125.6	120.6	125.4	125.5	133.5	131.7	122.2	
G32.5	116.0	117.6	119.2	118.3	119.1	119.4	122.7	124.4	116.0	
G33.0	109.9	111.5	112.9	111.9	113.8	113.6	120.5	118.7	109.9	
G33.5	101.3	105.6	106.6	105.8	103.4	107.9	110.4	113.2	101.3	
G34.0	95.3	99.9	100.7	96.2	97.7	100.0	104.5	106.6	95.3	
G34.5	91.7	89.9	98.8	94.2	96.6	97.2	103.0	101.0	91.7	
G35.0	83.8	88.5	92.8	88.7	87.0	88.9	97.3	95.3	83.8	
G35.5	78.5	83.5	86.9	80.2	86.0	87.1	91.8	89.9	78.5	
G36.0	75.7	74.9	76.4	77.7	76.1	79.1	86.3	84.7	75.7	
G36.5	67.8	69.9	71.0	69.8	75.4	74.4	76.1	79.6	67.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	63.1	69.4	70.0	65.2	66.2	73.1	70.8	75.2	63.1	
G37.5	61.8	64.7	65.0	60.6	61.6	65.5	65.7	70.0	61.8	
G38.0	54.5	60.6	60.5	56.4	57.1	64.8	60.9	65.5	54.5	
G38.5	53.9	56.7	56.0	54.2	57.4	61.0	56.4	62.1	53.9	
G39.0	50.4	50.0	52.4	50.1	49.1	57.2	56.5	58.0	50.4	
G39.5	44.1	49.7	48.8	44.8	49.7	53.5	52.5	52.8	44.1	
G40.0	41.0	46.5	41.2	42.9	41.4	45.8	44.4	50.8	41.0	
G40.5	41.5	43.4	42.3	38.3	38.1	42.4	45.3	45.8	41.5	
G41.0	35.3	37.7	39.5	35.5	39.4	43.2	37.3	44.0	35.3	
G41.5	32.8	37.7	32.9	32.8	36.5	36.0	34.2	39.3	32.8	
G42.0	33.9	35.0	34.6	30.5	29.5	37.3	31.3	38.1	33.9	
G42.5	31.8	29.9	28.4	28.1	31.4	30.3	28.8	33.1	31.8	
G43.0	26.0	27.7	30.1	25.7	29.2	32.0	30.7	32.5	26.0	
G43.5	27.7	27.4	28.0	23.9	27.2	29.8	28.6	29.9	27.7	
G44.0	21.8	23.1	25.6	22.1	20.8	23.1	22.3	27.7	21.8	
G44.5	19.8	23.0	23.9	20.2	19.2	21.1	20.6	23.0	19.8	
G45.0	18.1	19.6	22.2	18.8	22.0	19.3	23.3	23.9	18.1	
G45.5	20.5	19.7	17.4	17.5	16.4	17.6	17.7	19.5	20.5	
G46.0	15.0	16.9	16.5	16.3	19.4	20.9	16.4	18.0	15.0	
G46.5	13.9	15.7	18.3	16.3	18.2	15.0	15.2	19.6	13.9	
G47.0	12.8	14.7	14.4	15.4	17.2	13.7	18.0	15.3	12.8	
G47.5	11.7	13.7	16.3	13.2	16.2	12.9	16.9	14.1	11.7	
G48.0	15.2	13.5	13.0	12.4	15.3	11.9	15.9	16.3	15.2	
G48.5	10.1	12.1	12.2	13.4	10.4	10.9	11.2	15.5	10.1	
G49.0	13.7	11.4	11.8	12.9	9.8	10.3	14.2	11.2	13.7	
G49.5	13.2	10.8	13.2	12.4	9.1	9.6	13.5	14.0	13.2	
G50.0	8.2	10.4	10.6	9.8	8.6	8.8	12.6	9.8	8.2	
G50.5	11.9	9.9	11.8	9.3	11.8	12.4	9.1	9.1	11.9	
G51.0	7.2	9.3	9.9	11.2	11.3	7.8	11.6	12.2	7.2	
G51.5	6.7	9.3	9.4	10.8	10.8	7.4	8.1	11.8	6.7	
G52.0	6.1	8.3	9.1	7.8	10.4	7.0	7.8	7.6	6.1	
G52.5	10.4	7.8	8.7	10.1	6.6	6.7	10.2	11.0	10.4	
G53.0	5.4	7.4	8.4	6.9	9.5	9.9	9.6	10.6	5.4	
G53.5	4.9	8.2	8.6	9.6	9.1	6.1	9.3	10.3	4.9	
G54.0	4.7	6.7	7.8	6.2	5.5	9.1	8.9	5.9	4.7	
G54.5	8.9	7.7	7.4	9.1	5.5	5.7	8.4	9.7	8.9	
G55.0	8.4	5.9	7.2	5.5	5.3	5.5	6.0	5.3	8.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G55.5	3.9	5.6	6.8	8.7	4.9	8.1	5.8	5.1	3.9	
G56.0	3.7	5.1	6.9	5.0	4.9	5.2	5.6	4.8	3.7	
G56.5	7.9	5.0	5.9	8.3	4.8	5.1	5.4	8.8	7.9	
G57.0	3.3	6.9	6.4	4.4	4.4	7.2	6.5	8.6	3.3	
G57.5	3.1	6.6	5.2	8.0	6.5	6.9	6.2	4.1	3.1	
G58.0	2.9	4.2	6.0	7.8	4.4	4.7	4.8	8.0	2.9	
G58.5	2.8	6.5	5.9	7.6	6.0	6.3	4.7	8.0	2.8	
G59.0	2.6	3.5	4.2	3.5	4.1	4.5	4.6	7.8	2.6	
G59.5	6.7	6.3	3.8	7.3	5.5	5.7	4.4	3.0	6.7	
G60.0	2.3	3.2	3.5	3.0	4.0	4.4	4.3	7.4	2.3	
G60.5	6.3	2.8	5.3	7.0	3.9	4.3	4.2	2.8	6.3	
G61.0	2.1	5.9	2.9	6.9	4.8	4.3	4.1	2.4	2.1	
G61.5	5.9	5.8	5.0	2.4	3.8	4.5	4.0	2.4	5.9	
G62.0	1.9	5.5	4.9	6.6	3.7	4.1	3.5	6.8	1.9	
G62.5	5.5	5.6	2.1	2.0	4.1	4.1	3.2	6.6	5.5	
G63.0	5.3	5.5	4.7	6.3	3.9	3.6	3.7	1.9	5.3	
G63.5	5.2	1.5	1.6	1.7	3.6	3.9	3.6	6.4	5.2	
G64.0	1.6	5.3	1.3	6.0	3.4	2.8	3.6	1.7	1.6	
G64.5	4.8	1.3	4.3	1.3	3.2	2.8	3.5	1.5	4.8	
G65.0	1.5	0.9	4.2	5.7	2.9	2.5	3.4	5.9	1.5	
G65.5	4.4	0.9	4.2	1.0	2.7	2.0	1.7	5.8	4.4	
G66.0	1.3	4.7	0.4	0.9	2.5	3.5	3.3	1.0	1.3	
G66.5	1.2	0.3	0.2	5.1	2.3	1.6	1.3	5.4	1.2	
G67.0	1.2	0.3	3.9	0.5	3.3	1.2	0.9	5.3	1.2	
G67.5	1.2	4.3	0.0	4.9	1.8	3.4	0.9	0.6	1.2	
G68.0	3.4	4.3	3.7	0.1	1.6	0.9	0.6	4.9	3.4	
G68.5	3.2	4.1	3.6	4.6	3.1	0.5	0.3	0.3	3.2	
G69.0	3.0	4.0	0.0	4.4	3.1	0.5	0.3	4.6	3.0	
G69.5	1.0	3.9	3.4	0.0	3.2	0.2	0.1	0.0	1.0	
G70.0	1.0	3.8	0.0	4.1	3.0	2.9	0.0	4.3	1.0	
G70.5	1.0	0.0	3.2	0.0	3.0	3.1	2.9	0.0	1.0	
G71.0	2.2	0.0	3.2	0.0	0.2	3.0	2.8	4.0	2.2	
G71.5	0.9	3.5	3.1	0.0	3.0	2.9	0.0	0.0	0.9	
G72.0	1.9	3.3	3.0	3.4	3.0	2.9	0.0	0.0	1.9	
G72.5	0.9	3.2	2.9	3.0	2.7	2.8	0.0	3.5	0.9	
G73.0	1.4	3.1	2.9	0.0	0.0	2.8	2.5	0.0	1.4	
G73.5	1.3	0.0	0.0	0.0	0.0	2.7	2.7	0.0	1.3	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	1.0	0.0	2.7	0.0	0.0	2.7	2.6	0.0	1.0	
G74.5	0.9	0.0	2.5	2.6	0.0	2.7	2.4	0.0	0.9	
G75.0	1.1	0.0	0.0	2.4	2.8	0.0	0.0	2.4	1.1	
G75.5	1.1	2.7	0.0	2.3	2.6	0.0	2.5	2.5	1.1	
G76.0	0.4	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.4	
G76.5	0.2	2.5	2.4	0.0	0.0	0.0	0.0	0.0	0.2	
G77.0	0.1	2.3	2.3	1.8	2.6	0.0	0.0	0.0	0.1	
G77.5	0.0	0.0	2.1	0.0	2.7	0.0	2.1	0.0	0.0	
G78.0	0.0	2.2	2.2	0.0	0.0	2.4	0.0	0.0	0.0	
G78.5	1.3	2.1	0.0	1.3	2.5	0.0	0.0	0.0	1.3	
G79.0	1.4	2.0	0.0	0.0	2.6	0.0	0.0	1.5	1.4	
G79.5	0.0	1.9	2.0	1.1	2.5	2.2	2.1	0.0	0.0	
G80.0	1.4	1.8	0.0	1.0	0.0	0.0	0.0	0.0	1.4	
G80.5	1.5	1.8	0.0	0.0	2.5	2.1	0.0	0.0	1.5	
G81.0	1.3	0.0	1.8	0.0	2.4	2.0	1.9	0.0	1.3	
G81.5	0.0	0.0	1.7	0.6	0.0	0.0	1.8	0.0	0.0	
G82.0	1.5	1.5	1.7	0.0	0.0	1.8	0.0	0.7	1.5	
G82.5	0.0	0.0	1.6	0.0	0.0	1.6	1.6	0.0	0.0	
G83.0	0.0	0.0	1.5	0.0	2.2	0.0	1.6	0.0	0.0	
G83.5	1.6	0.0	0.0	0.0	2.1	1.6	1.5	0.3	1.6	
G84.0	0.0	1.0	1.4	0.1	0.0	1.4	0.0	0.0	0.0	
G84.5	1.7	1.0	0.0	0.0	2.0	1.5	0.0	0.0	1.7	
G85.0	0.0	0.7	0.0	0.0	1.9	1.4	0.0	0.0	0.0	
G85.5	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
G86.0	0.0	0.7	1.1	0.0	0.0	1.2	1.0	0.0	0.0	
G86.5	0.0	0.4	1.0	0.0	1.7	0.0	0.0	0.0	0.0	
G87.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	
G87.5	0.0	0.4	0.0	0.0	1.5	0.0	0.7	0.0	0.0	
G88.0	1.6	0.1	0.0	0.0	0.0	0.9	0.0	0.0	1.6	
G88.5	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.7	
G89.0	1.6	0.2	0.7	0.0	0.0	0.0	0.0	0.0	1.6	
G89.5	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0	
G90.0	1.6	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.6	
G90.5	0.0	0.0	0.5	0.0	1.0	0.0	0.1	0.0	0.0	
G91.0	0.0	0.0	0.5	0.0	0.8	0.3	0.0	0.0	0.0	
G91.5	1.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.7	
G92.0	1.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.8	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G92.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	
G93.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G93.5	2.1	0.0	0.0	0.0	0.7	0.0	0.0	0.1	2.1	
G94.0	2.2	0.1	0.0	0.0	0.6	0.0	0.0	0.1	2.2	
G94.5	2.3	0.2	0.0	0.0	0.8	0.0	0.0	0.0	2.3	
G95.0	2.3	0.1	0.0	0.0	0.7	0.0	0.0	0.0	2.3	
G95.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
G96.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	
G96.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	
G97.5	2.5	0.0	0.0	0.0	0.5	0.0	0.0	0.1	2.5	
G98.0	2.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	2.3	
G98.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
G99.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
G100.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	
G101.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	
G101.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.3	
G102.0	2.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.2	
G102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	
G103.0	2.1	0.0	0.0	0.0	0.5	0.0	0.0	0.6	2.1	
G103.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.0	
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G104.5	1.9	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.9	
G105.0	1.8	0.0	0.0	0.0	0.8	0.0	0.3	0.0	1.8	
G105.5	0.0	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.1	1.0	0.0	0.4	0.9	0.0	
G106.5	1.6	0.0	0.0	0.0	1.0	0.1	0.5	0.0	1.6	
G107.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.5	
G107.5	1.4	0.2	0.0	0.2	0.0	0.1	0.0	0.9	1.4	
G108.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	1.0	1.4	
G108.5	0.4	0.4	0.0	0.0	1.4	0.3	0.7	1.0	0.4	
G109.0	1.3	0.4	0.0	0.0	1.4	0.0	0.0	0.0	1.3	
G109.5	0.7	0.0	0.0	0.0	0.0	0.5	0.8	1.0	0.7	
G110.0	0.8	0.0	0.0	0.3	1.6	0.5	0.8	0.0	0.8	
G110.5	1.1	0.0	0.0	0.0	1.7	0.0	0.0	1.1	1.1	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	1.0	0.0	0.0	0.1	1.8	0.0	0.0	1.1	1.0	
G111.5	1.1	0.6	0.0	0.4	0.0	0.0	0.9	1.1	1.1	
G112.0	1.2	0.7	0.0	0.4	0.0	0.8	1.0	1.1	1.2	
G112.5	0.8	0.0	0.0	0.0	2.0	0.8	1.1	0.0	0.8	
G113.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
G113.5	1.4	0.8	0.0	0.4	0.0	0.9	1.0	0.0	1.4	
G114.0	1.6	0.9	0.0	0.4	2.2	0.0	0.0	0.0	1.6	
G114.5	0.4	0.7	0.0	0.5	2.2	0.0	0.0	1.1	0.4	
G115.0	0.1	0.0	0.0	0.5	2.2	0.0	1.1	0.0	0.1	
G115.5	1.9	1.0	0.0	0.5	2.3	0.0	1.1	0.0	1.9	
G116.0	1.9	0.0	0.0	0.5	0.0	1.1	1.1	0.0	1.9	
G116.5	0.0	1.0	0.0	0.5	0.0	0.0	1.1	1.0	0.0	
G117.0	0.1	1.0	0.0	0.5	0.0	1.1	0.0	0.0	0.1	
G117.5	2.1	1.1	0.0	0.0	1.0	0.0	1.1	0.0	2.1	
G118.0	2.0	1.1	0.0	0.0	1.0	1.1	0.0	0.0	2.0	
G118.5	2.2	0.0	0.0	0.0	1.1	0.0	0.0	0.9	2.2	
G119.0	0.0	0.0	0.0	0.6	1.1	0.0	1.0	0.0	0.0	
G119.5	0.5	1.1	0.0	0.6	1.1	0.0	1.0	0.8	0.5	
G120.0	0.0	1.2	0.0	0.0	0.0	1.1	1.0	0.0	0.0	
G120.5	0.0	1.2	0.0	0.7	0.0	0.0	0.0	0.8	0.0	
G121.0	0.4	1.2	0.0	0.0	1.1	1.1	0.0	0.0	0.4	
G121.5	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	
G122.0	0.6	1.2	0.0	0.0	0.0	0.9	0.0	0.6	0.6	
G122.5	0.6	0.0	0.0	0.0	0.0	1.0	0.9	0.5	0.6	
G123.0	0.0	1.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	
G123.5	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	
G124.0	0.8	1.2	0.0	0.7	1.1	0.0	0.8	0.0	0.8	
G124.5	0.9	0.0	0.1	0.0	0.9	0.0	0.7	0.0	0.9	
G125.0	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.9	
G125.5	1.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	1.0	
G126.0	0.0	0.0	0.3	0.8	0.9	0.6	0.7	0.1	0.0	
G126.5	1.1	0.0	0.3	0.6	0.0	0.3	0.7	0.0	1.1	
G127.0	1.1	1.1	0.0	0.8	0.0	0.0	0.0	0.0	1.1	
G127.5	1.0	0.0	0.5	0.8	0.8	0.4	0.6	0.0	1.0	
G128.0	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.0	0.0	
G128.5	0.0	0.8	0.4	0.8	0.9	0.3	0.5	0.0	0.0	
G129.0	0.0	0.0	0.6	0.8	0.0	0.0	0.5	0.0	0.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G129.5	0.0	0.9	0.0	0.8	0.8	0.0	0.0	0.0	0.0	
G130.0	0.0	0.7	0.8	0.0	0.8	0.0	0.5	0.0	0.0	
G130.5	1.2	0.9	0.8	0.0	0.5	0.0	0.0	0.0	1.2	
G131.0	1.5	0.8	0.9	0.8	0.0	0.0	0.5	0.0	1.5	
G131.5	1.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	1.5	
G132.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G132.5	0.0	0.0	1.1	0.8	0.0	0.0	0.0	0.0	0.0	
G133.0	1.6	0.0	0.0	0.9	0.4	0.0	0.3	0.0	1.6	
G133.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	
G134.0	0.0	0.5	0.0	0.9	0.3	0.0	0.0	0.0	0.0	
G134.5	0.0	0.0	1.4	0.9	0.0	0.0	0.3	0.0	0.0	
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G135.5	1.7	0.0	0.0	0.9	0.1	0.0	0.0	0.0	1.7	
G136.0	1.7	0.3	1.6	0.9	0.0	0.0	0.3	0.4	1.7	
G136.5	1.7	0.2	1.7	0.8	0.0	0.0	0.0	0.5	1.7	
G137.0	0.0	0.2	0.0	0.8	0.0	0.0	0.1	0.0	0.0	
G137.5	1.7	0.1	0.0	0.9	0.0	0.3	0.0	0.0	1.7	
G138.0	1.7	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.7	
G138.5	1.7	0.0	1.9	0.8	0.0	0.3	0.0	0.0	1.7	
G139.0	0.0	0.0	0.0	0.8	0.0	0.7	0.0	0.0	0.0	
G139.5	1.7	0.0	1.9	0.8	0.0	0.8	0.0	1.2	1.7	
G140.0	1.6	0.0	2.0	0.0	0.0	0.0	0.0	1.3	1.6	
G140.5	0.0	0.0	2.0	0.0	0.0	1.0	0.3	0.0	0.0	
G141.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.5	0.0	
G141.5	1.4	0.1	0.0	0.0	0.1	1.2	0.0	1.5	1.4	
G142.0	0.0	0.2	0.0	0.5	0.3	0.0	0.0	0.0	0.0	
G142.5	1.6	0.4	2.0	0.7	0.4	0.0	0.4	0.0	1.6	
G143.0	1.4	0.0	0.0	0.0	0.5	1.6	0.0	1.8	1.4	
G143.5	0.0	0.6	0.0	0.4	0.0	1.7	0.4	1.7	0.0	
G144.0	0.0	0.0	2.0	0.6	0.8	0.0	0.0	2.0	0.0	
G144.5	0.0	0.0	2.2	0.6	0.8	1.9	0.4	2.1	0.0	
G145.0	0.0	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.0	
G145.5	0.0	0.0	2.0	0.5	0.0	0.0	0.0	2.2	0.0	
G146.0	1.1	1.2	0.0	0.0	0.0	2.1	0.0	0.0	1.1	
G146.5	0.0	1.4	0.0	0.2	1.3	0.0	0.6	0.0	0.0	
G147.0	0.0	1.3	0.0	0.2	0.0	2.3	0.0	2.4	0.0	
G147.5	1.2	0.0	2.2	0.3	0.0	2.3	0.0	0.0	1.2	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	0.0	1.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
G148.5	1.1	1.6	0.0	0.5	1.8	0.0	0.7	2.5	1.1	
G149.0	0.0	0.0	2.2	0.3	0.0	0.0	0.0	2.6	0.0	
G149.5	0.1	2.0	2.1	0.8	2.0	2.6	0.8	0.0	0.1	
G150.0	1.0	1.9	0.0	0.2	0.0	0.0	0.0	0.0	1.0	
G150.5	0.9	0.0	2.0	0.2	2.2	2.7	0.9	2.7	0.9	
G151.0	0.9	2.3	0.0	1.1	2.3	0.0	0.9	2.7	0.9	
G151.5	0.8	0.0	0.0	0.2	2.3	0.0	1.0	2.7	0.8	
G152.0	0.8	0.0	1.9	1.3	0.0	0.0	1.1	2.7	0.8	
G152.5	1.1	2.6	0.0	0.1	2.5	0.0	1.1	0.0	1.1	
G153.0	1.2	2.7	0.0	1.6	2.6	2.8	1.1	2.7	1.2	
G153.5	0.6	2.8	1.7	1.7	0.0	0.0	1.2	2.7	0.6	
G154.0	1.5	0.0	1.6	1.8	0.0	0.0	1.2	0.0	1.5	
G154.5	0.5	0.0	1.6	0.0	2.8	2.9	0.1	2.5	0.5	
G155.0	1.8	0.0	1.5	2.0	2.9	2.9	0.2	0.0	1.8	
G155.5	2.0	0.0	1.4	0.0	3.0	2.7	1.4	0.0	2.0	
G156.0	0.4	0.0	1.3	2.2	3.0	2.9	1.4	0.0	0.4	
G156.5	0.4	3.2	1.2	2.3	3.1	0.0	1.5	0.0	0.4	
G157.0	2.4	3.3	1.2	0.0	0.0	0.0	1.5	0.0	2.4	
G157.5	2.5	3.3	1.1	2.5	0.0	2.8	0.2	0.0	2.5	
G158.0	0.3	3.4	1.3	2.6	0.0	2.8	1.6	2.5	0.3	
G158.5	0.3	0.0	0.9	0.0	3.2	2.6	0.2	0.0	0.3	
G159.0	2.9	0.0	0.8	0.0	0.0	0.0	0.2	0.0	2.9	
G159.5	0.2	0.0	0.8	0.0	3.1	0.0	0.3	2.4	0.2	
G160.0	2.9	0.0	1.9	0.0	0.0	2.7	1.9	2.4	2.9	
G160.5	0.1	3.6	0.6	0.0	0.0	2.7	1.9	0.0	0.1	
G161.0	0.0	3.7	0.5	3.1	3.2	2.6	0.3	0.1	0.0	
G161.5	0.0	0.0	0.4	0.0	3.4	2.4	0.3	2.3	0.0	
G162.0	3.3	3.7	2.5	3.1	0.0	2.5	0.3	2.3	3.3	
G162.5	3.4	3.7	2.7	3.4	0.0	0.0	0.3	0.5	3.4	
G163.0	3.2	3.7	2.8	3.4	3.4	0.1	0.1	2.3	3.2	
G163.5	0.0	0.0	2.9	3.4	0.0	0.3	2.3	2.2	0.0	
G164.0	0.0	0.0	3.1	3.7	0.0	0.3	2.3	0.8	0.0	
G164.5	0.0	0.0	0.0	3.7	0.0	0.5	2.2	0.9	0.0	
G165.0	0.0	3.7	0.0	3.6	0.0	2.2	0.4	0.9	0.0	
G165.5	3.7	0.0	0.0	3.9	0.0	2.2	0.4	1.0	3.7	
G166.0	0.0	0.0	0.0	3.9	0.0	0.9	0.2	1.0	0.0	

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