

Report No.:

Test Time: 2018-08-22 16:56

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-7W-3000K-15D

Voltage: 12.1 V

Current: 0.661 A

Power: 6.30 W

Power Factor: 0.788

Photometric Results

CIE Class: Direct

Measurement Flux: 538.2 lm

Downward Ratio: 98%

Total Rated Lamp Lumens: 538.2 lm

Efficiency: 100%

Upward Ratio: 2%

Horizontal Diffuse Angle(10%,25%,50%,75%): H33.4,H23.6,H15.6,H9.5

Vertical Diffuse Angle(10%,25%,50%,75%): V33,V23.1,V15,V9.4

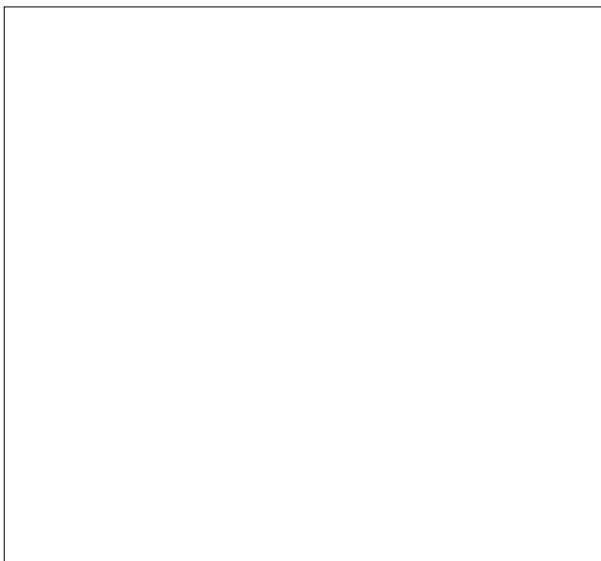
Luminaire Efficacy Rating (LER): 85

Central Intensity: 3307.65 cd

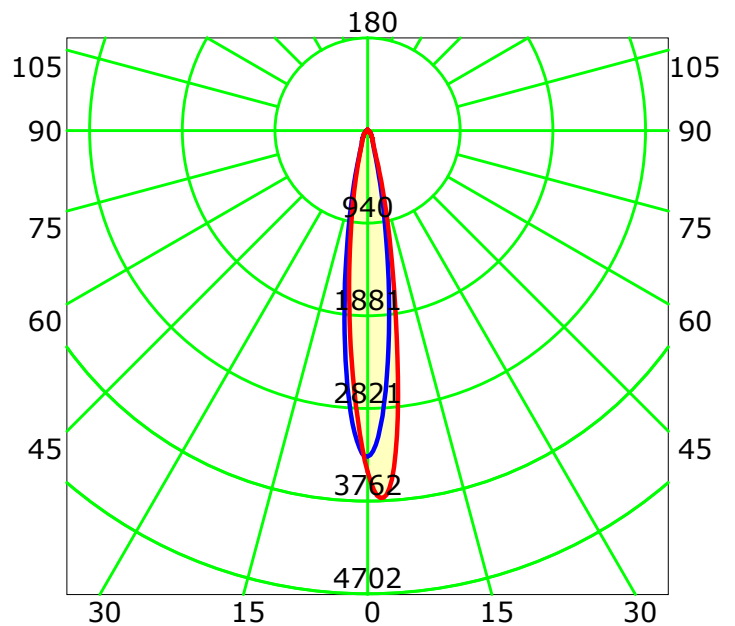
Max. Intensity: 3731.99 cd

Pos of Max. Intensity: H90 V2

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

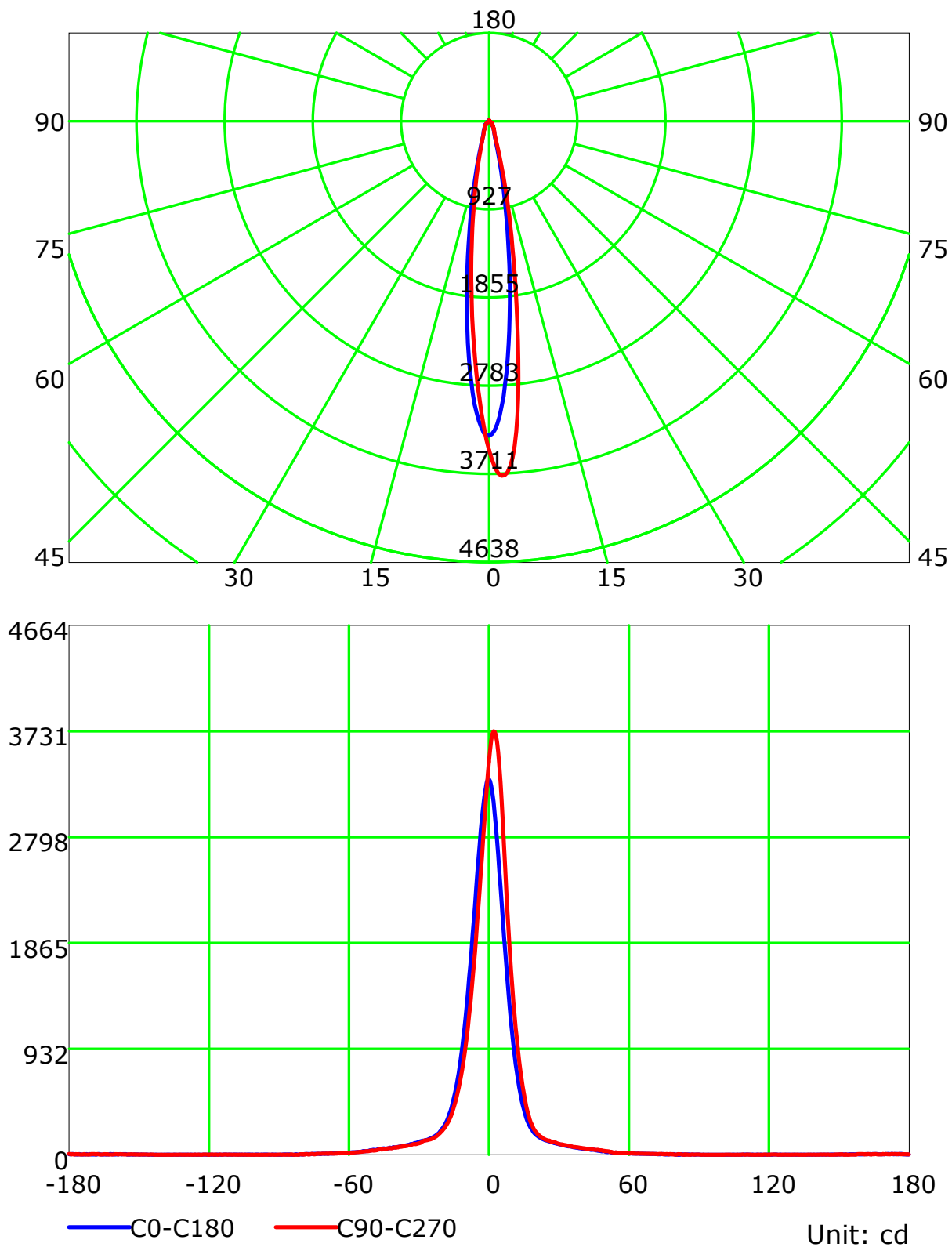
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

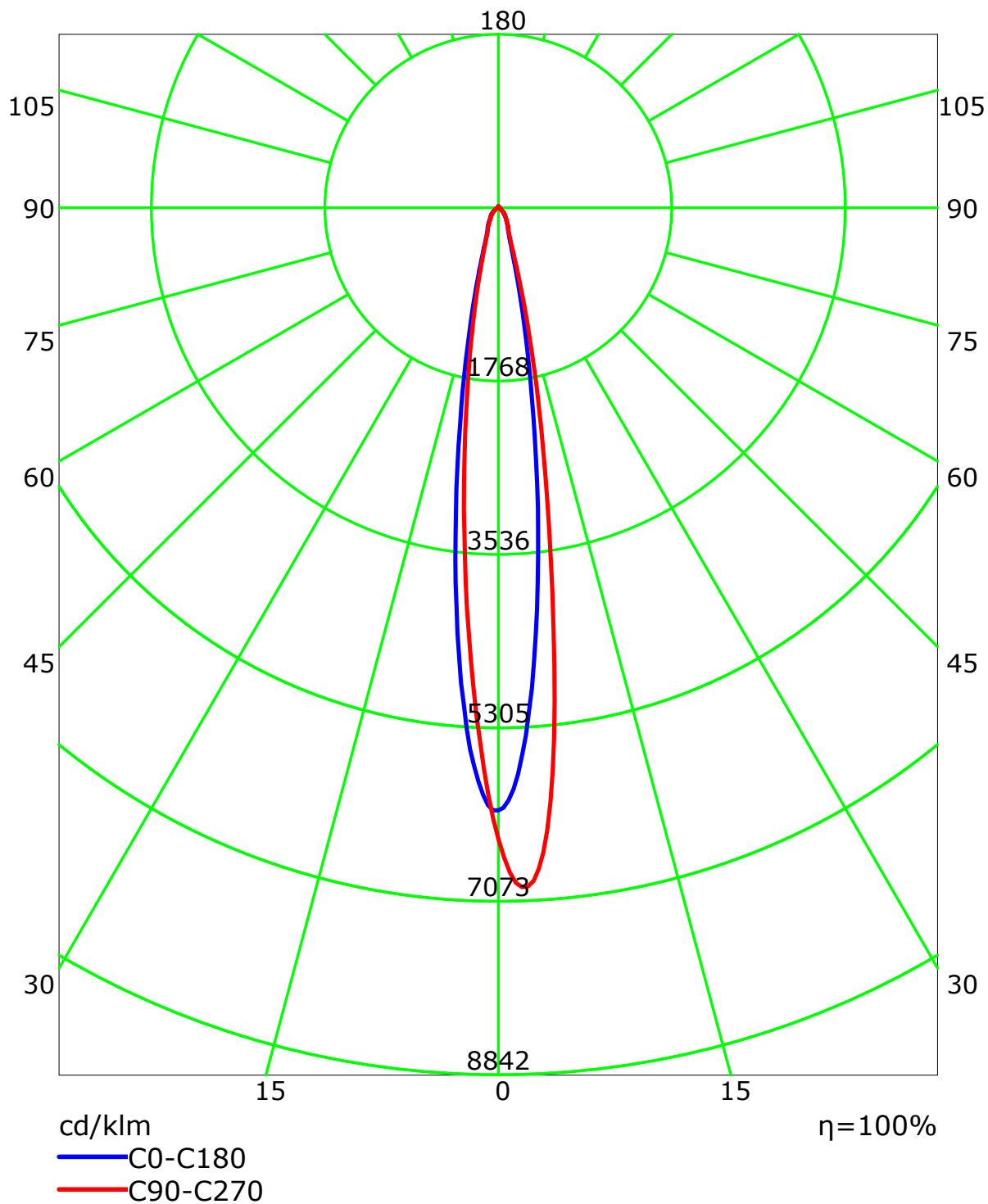
Luminous Intensity Distribution Curve



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)



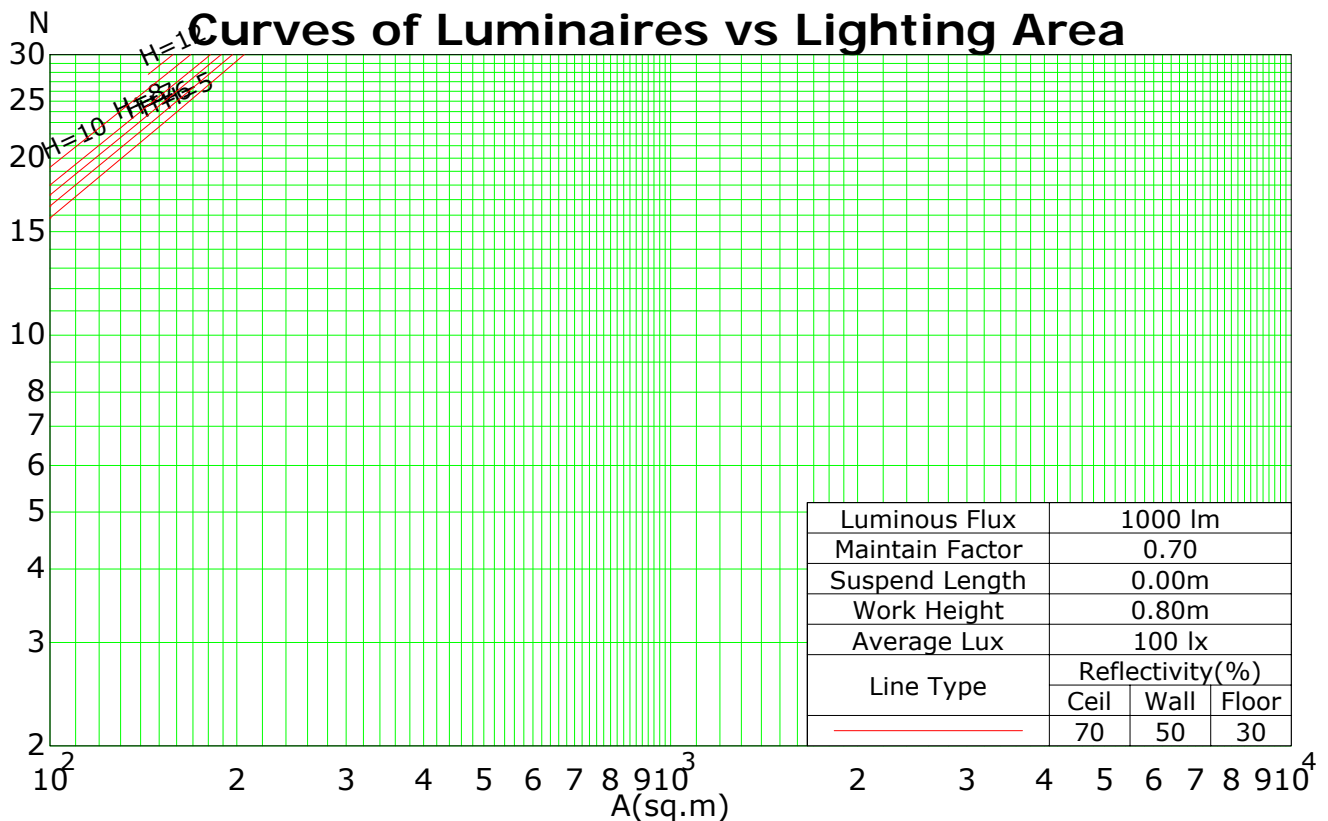
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	110	110	110	105	105	105	101	101	101	98
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	96	95	94	93
2	108	104	100	97	106	102	99	96	98	96	93	95	93	91	92	90	89	87
3	104	98	93	90	102	96	92	89	93	90	87	91	88	86	88	86	84	83
4	99	93	88	84	98	91	87	83	89	85	82	87	84	81	85	82	80	79
5	96	88	83	79	94	87	83	79	85	81	78	84	80	77	82	79	77	75
6	92	84	79	76	91	84	79	75	82	78	75	81	77	74	79	76	73	72
7	89	81	76	72	88	80	76	72	79	75	72	78	74	71	77	73	71	69
8	86	78	73	70	85	77	73	69	76	72	69	75	71	69	74	71	68	67
9	83	75	71	67	82	75	70	67	74	70	67	73	69	66	72	69	66	65
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	70	67	64	63

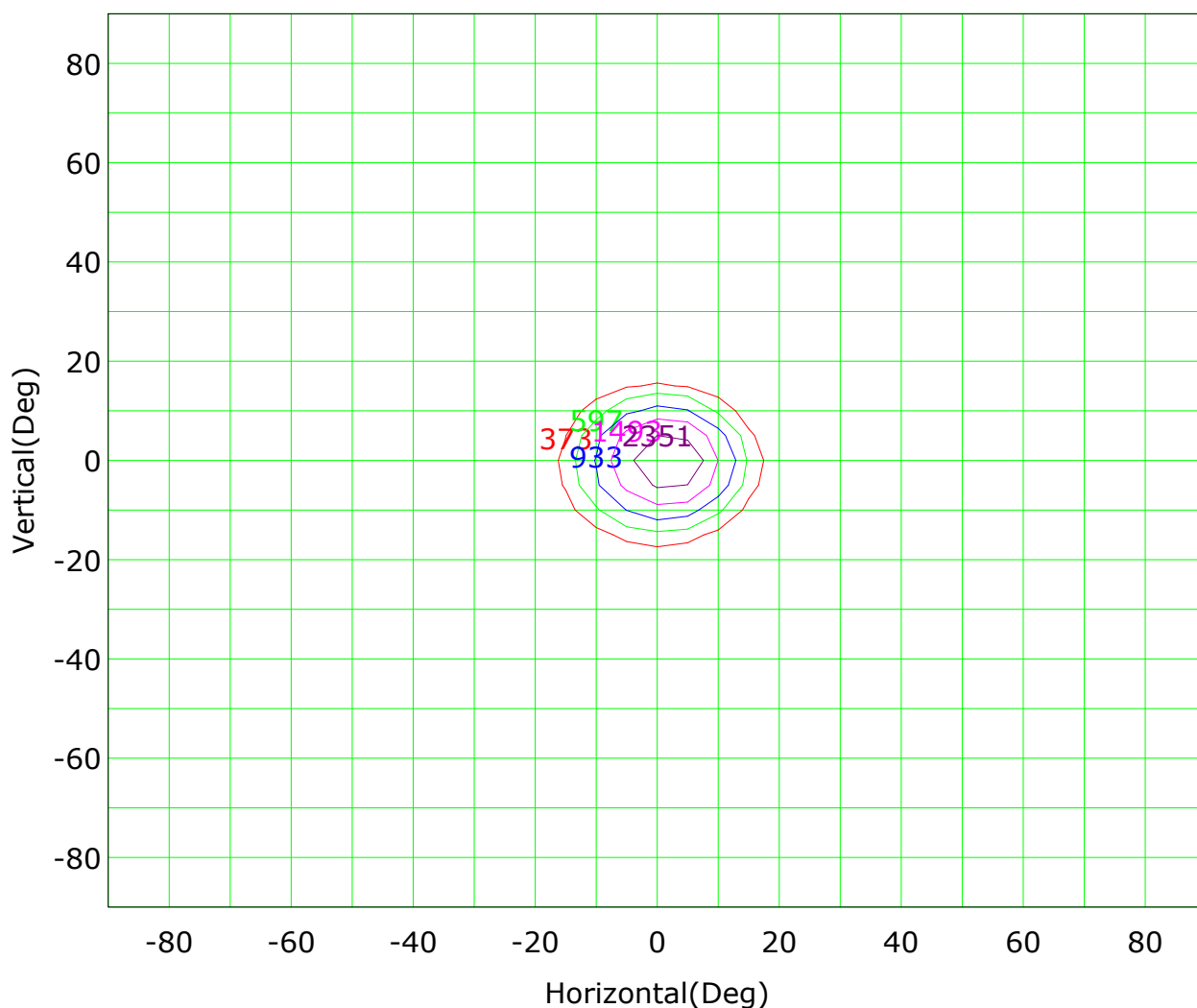
Spacing Criteria (0-180): 0.27
Spacing Criteria (90-270): 0.28
Spacing Criteria (Diagonal): 0.29



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:

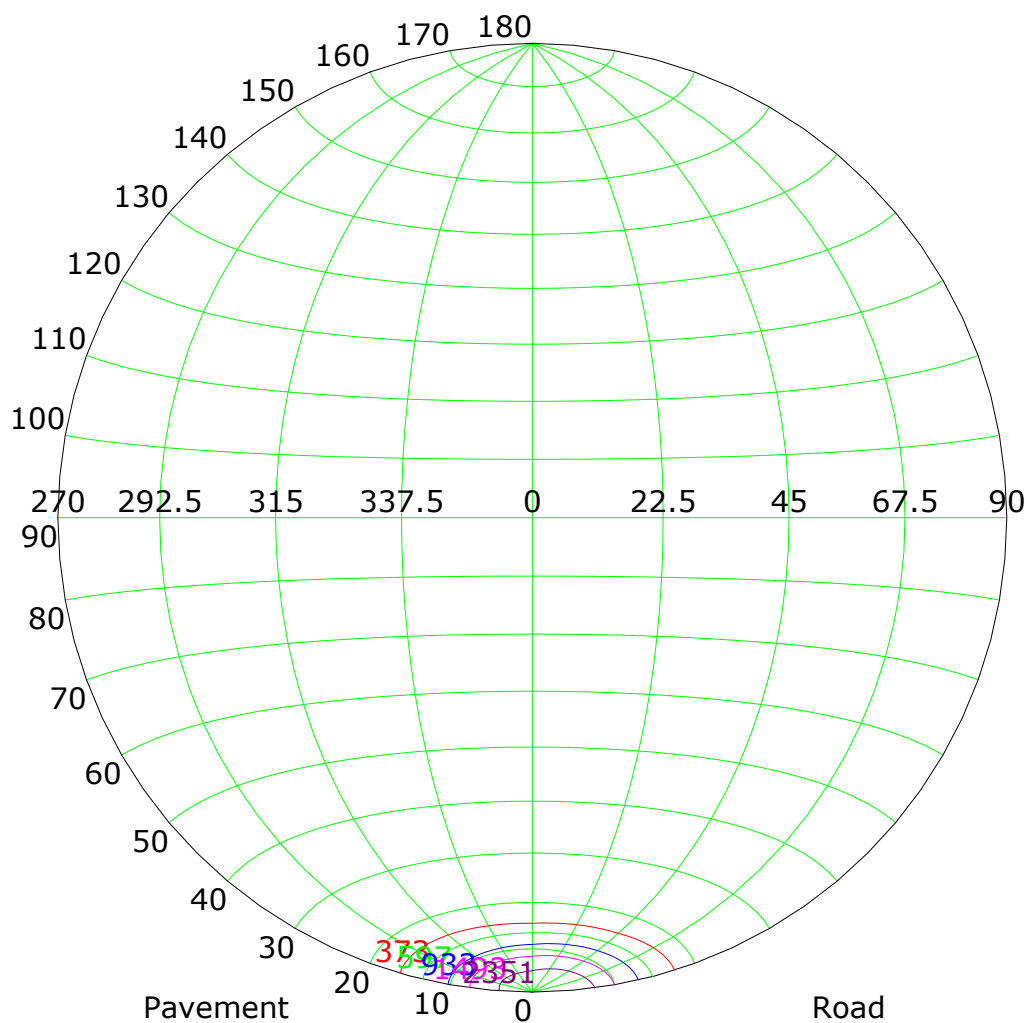
Isocandela (rectangle)



Imax (100%): 3732 cd

(10%): 373 cd	(16%): 597 cd
(25%): 933 cd	(40%): 1493 cd
(63%): 2351 cd	(100%): 3732 cd

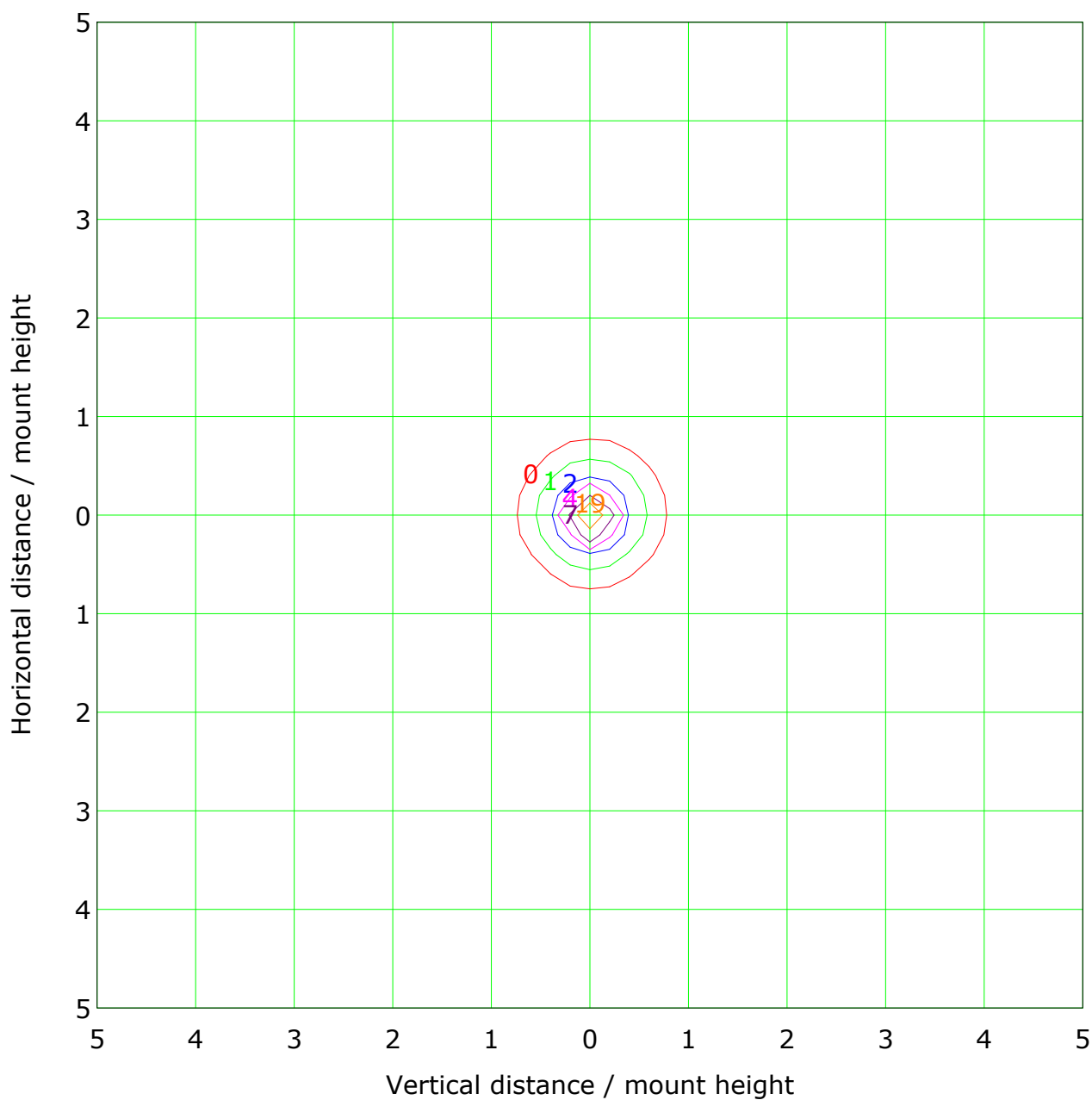
Isocandela (sphere)



Imax (100%): 3732 cd

(10%): 373 cd	(16%): 597 cd
(25%): 933 cd	(40%): 1493 cd
(63%): 2351 cd	(100%): 3732 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 37.3 lx

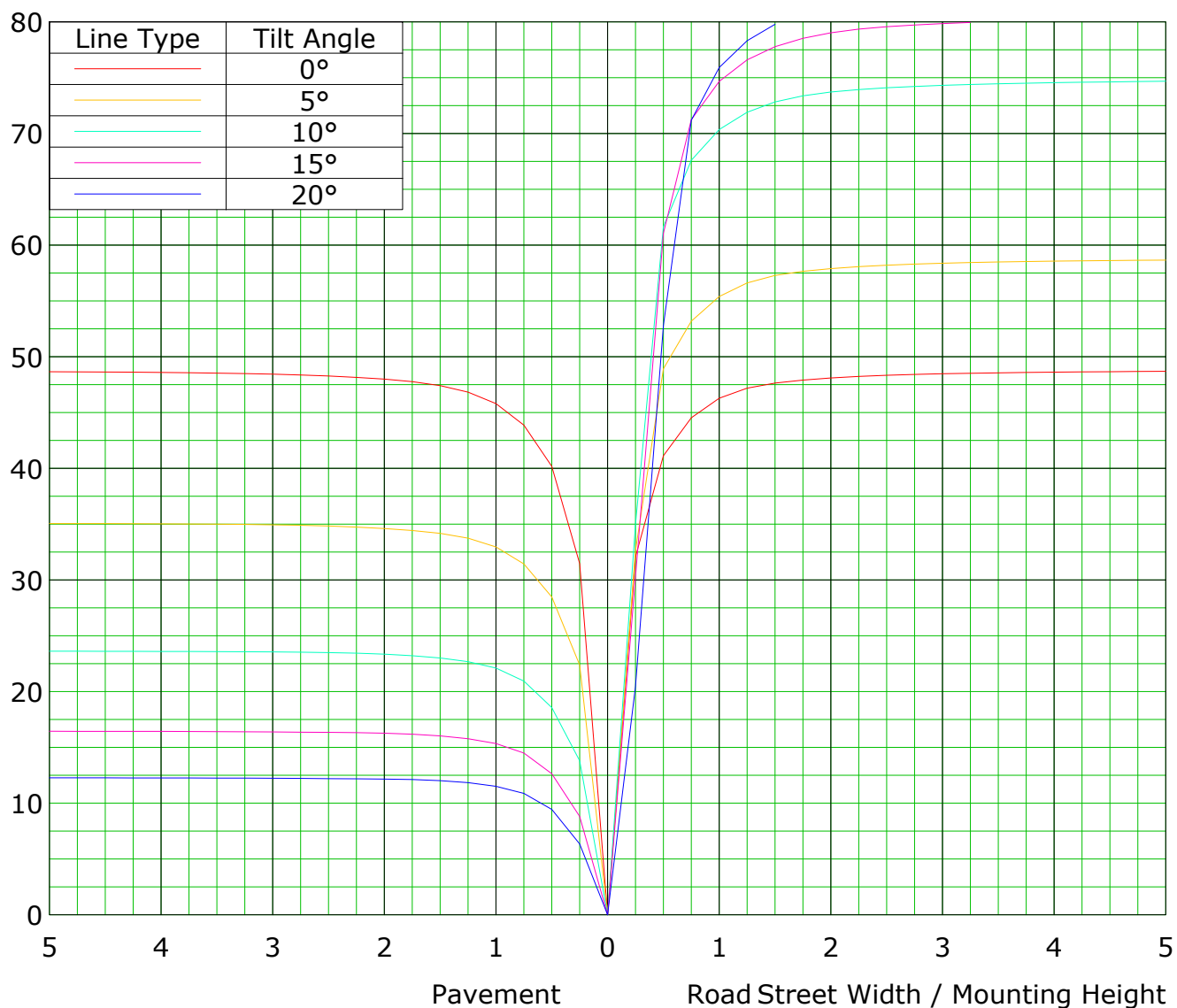
— (1%): 0.4 lx	— (2%): 0.7 lx
— (5%): 1.9 lx	— (10%): 3.7 lx
— (20%): 7.5 lx	— (50%): 18.6 lx
— (100%): 37.3 lx	

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:

Roadway CU Curve

Efficiency(%)



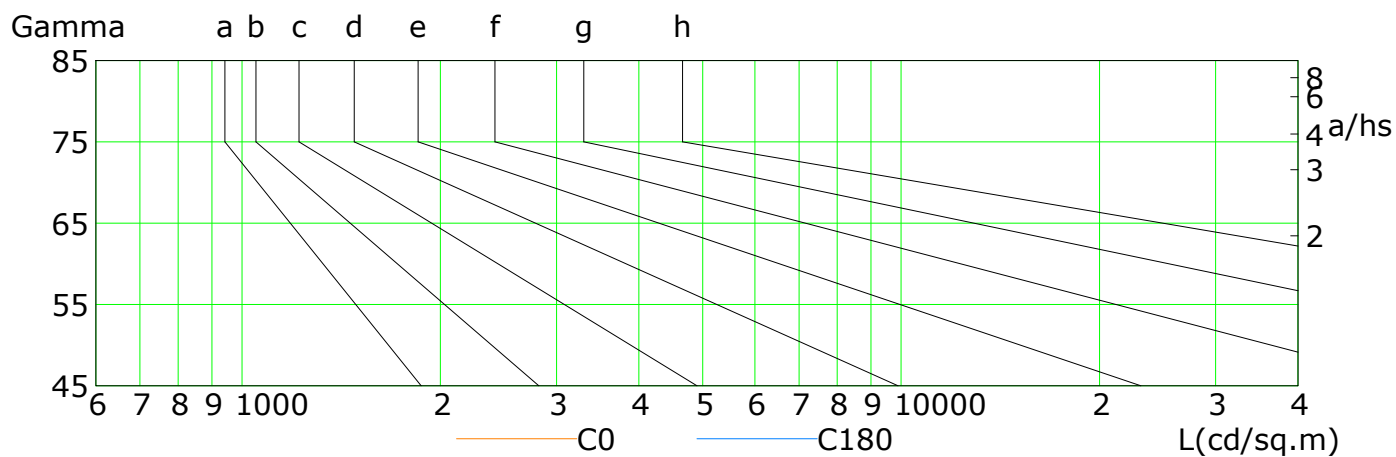
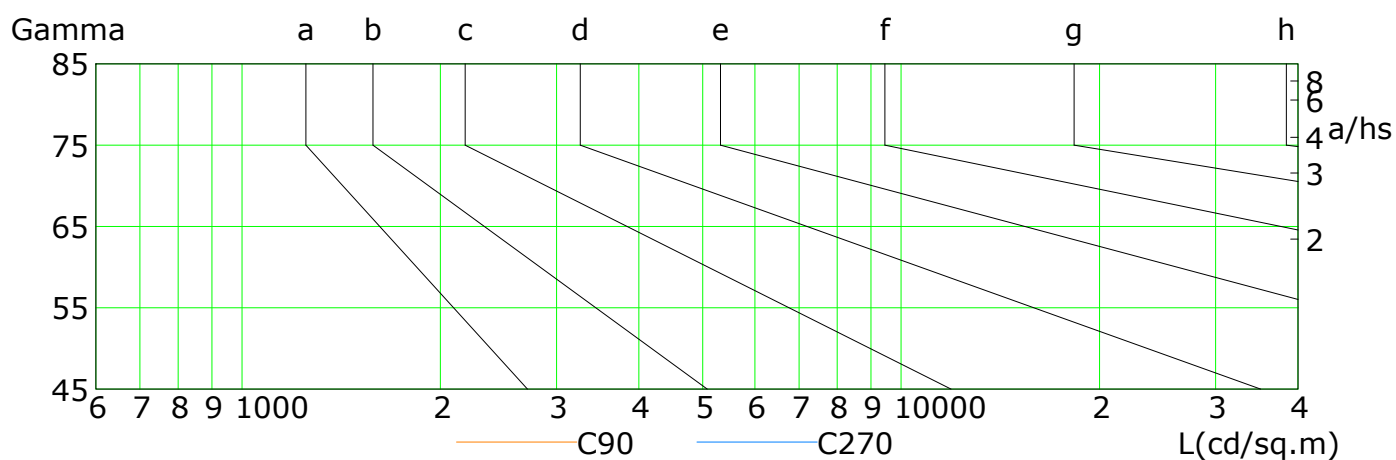
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	45	27	17	15	9	7	4	1	4
C90	45	30	18	12	11	9	8	2	4
C180	57	43	27	20	13	11	9	2	0
C270	49	39	27	18	12	11	4	1	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

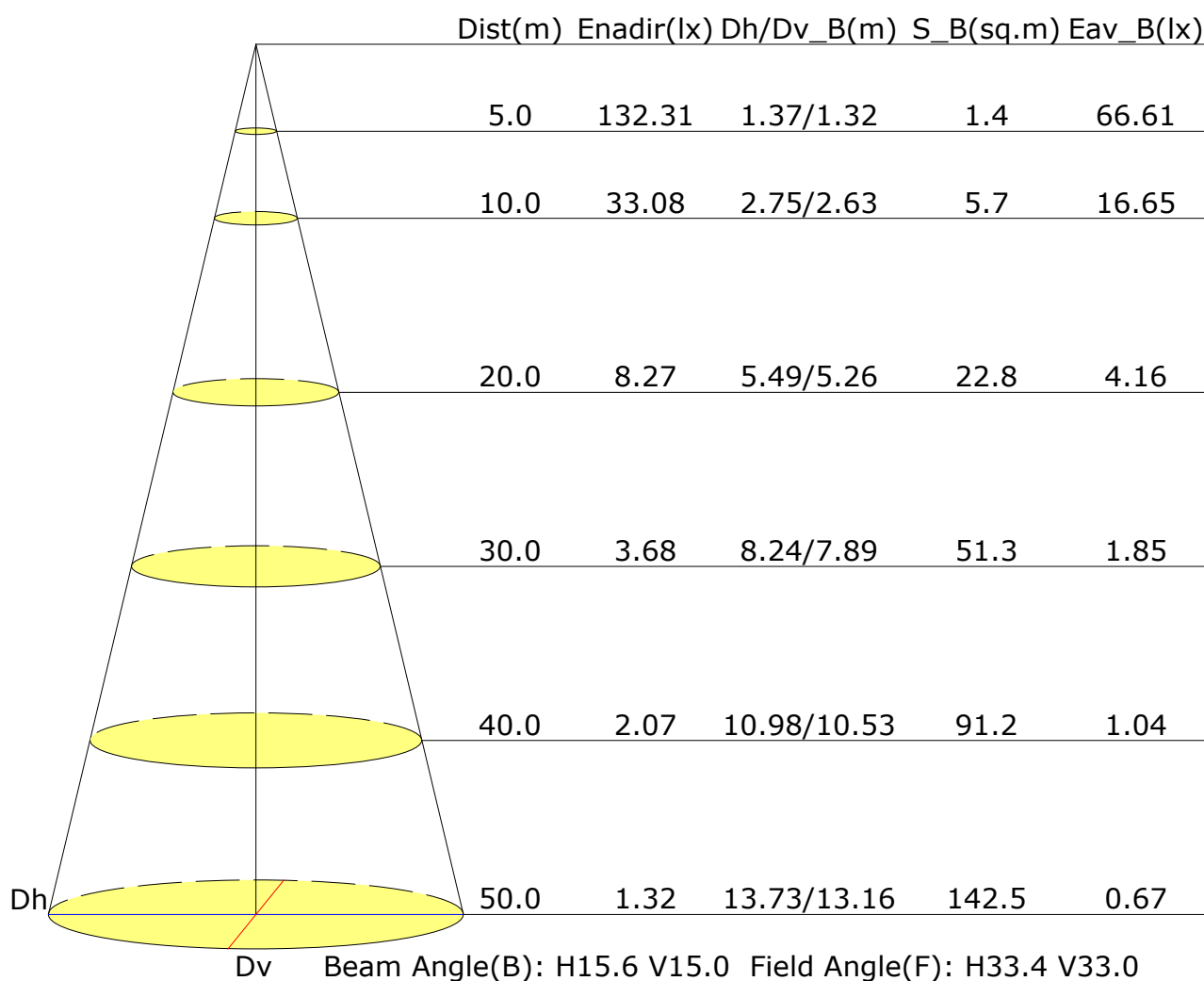
Test Device: GPM-1600

Distance: 8.177 m

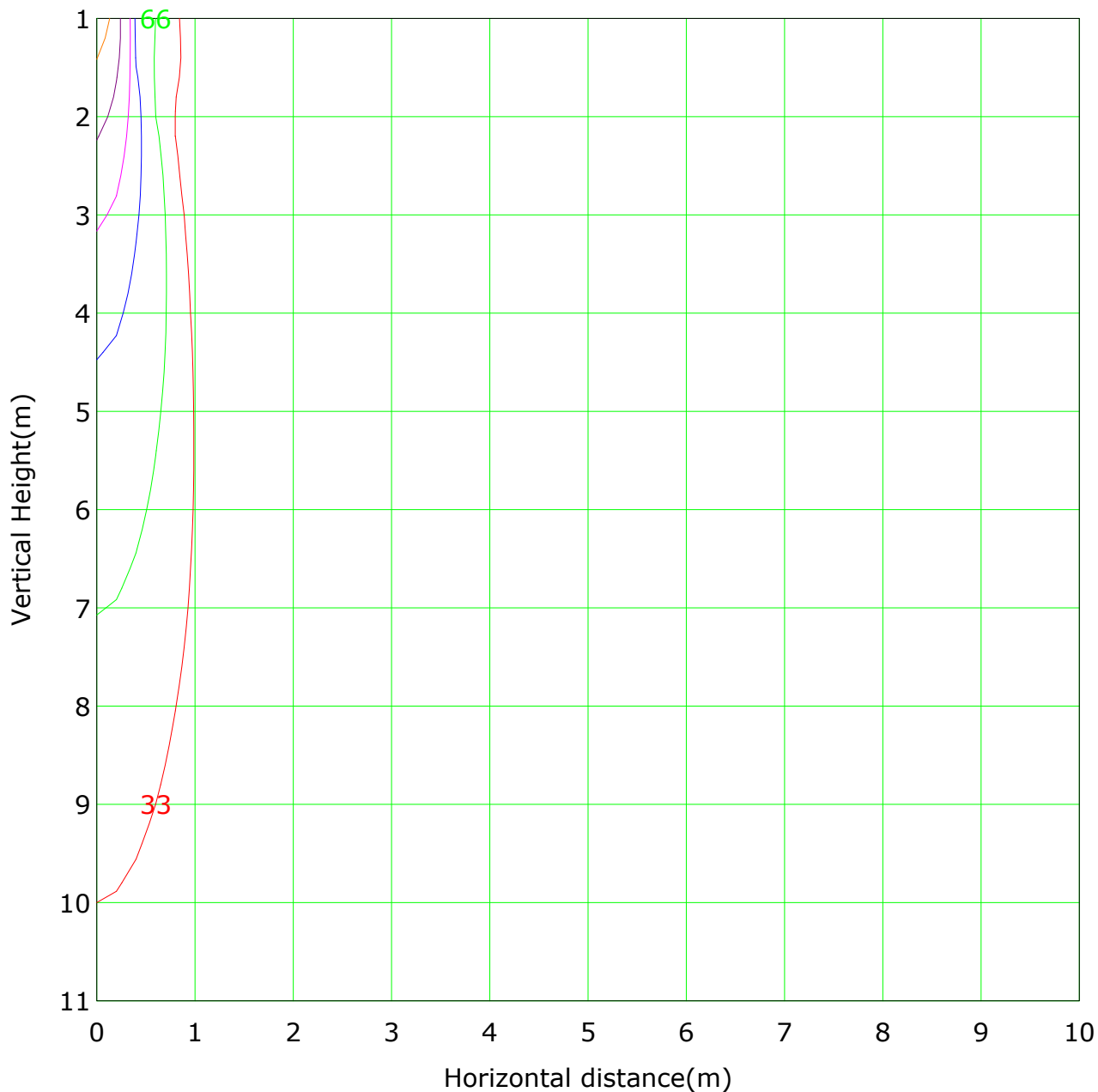
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3307.6 lx

(1%): 33.1 lx	(2%): 66.2 lx
(5%): 165.4 lx	(10%): 330.8 lx
(20%): 661.5 lx	(50%): 1653.8 lx
(100%): 3307.6 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:

Area Flux Table

Unit: lx

	Vertical plane																		ΦT	ΦE
	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0		
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

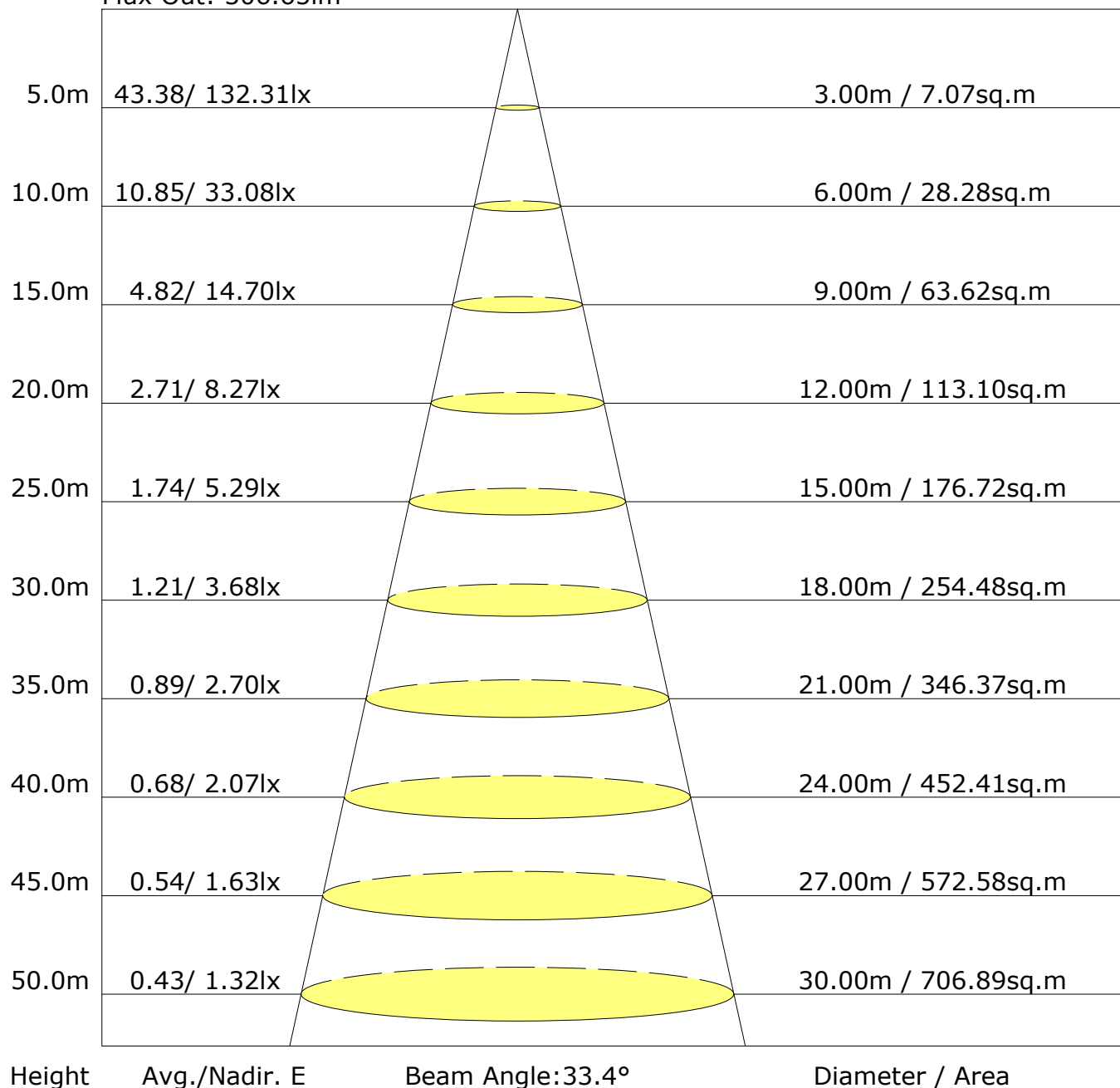
Horizontal plane

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:

The Average Illuminance Effective Figure

Flux Out: 306.65lm



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

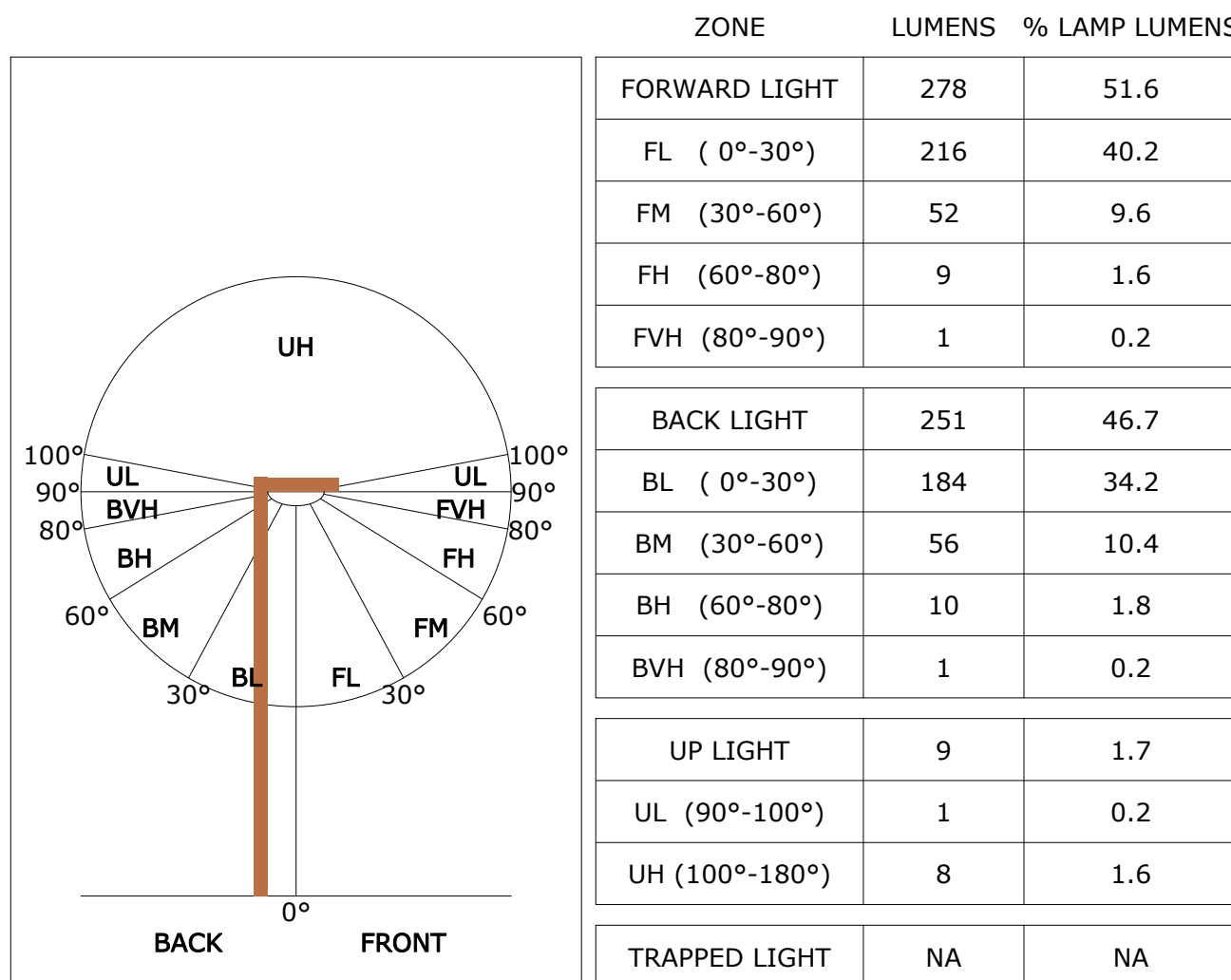
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



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

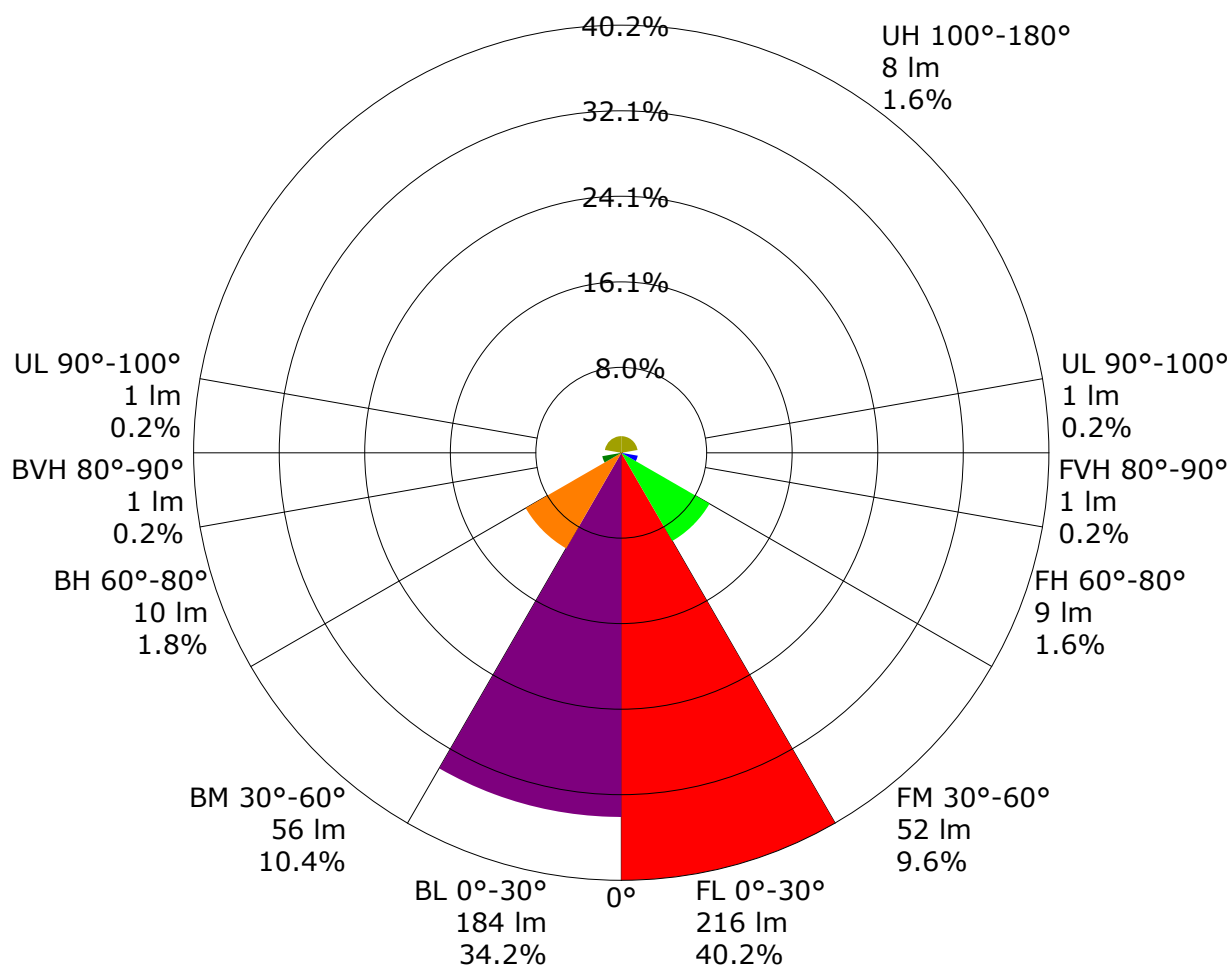
Test Device: GPM-1600

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 = 0.50									
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	0.90	0.96	1.00	1.03	1.08	1.10	1.12	1.15	1.16	
	0.30		0.86	0.92	0.96	0.99	1.04	1.07	1.09	1.12	1.14	
	0.20		0.82	0.88	0.93	0.96	1.01	1.04	1.07	1.10	1.12	
0.50	0.50	0.20	0.89	0.94	0.98	1.01	1.04	1.07	1.08	1.10	1.12	
	0.30		0.85	0.90	0.94	0.97	1.01	1.04	1.06	1.08	1.10	
	0.20		0.82	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.09	
0.30	0.50	0.20	0.87	0.92	0.96	0.98	1.01	1.03	1.05	1.06	1.08	
	0.30		0.84	0.89	0.93	0.95	0.99	1.01	1.03	1.05	1.06	
	0.20		0.81	0.86	0.90	0.93	0.97	0.99	1.01	1.03	1.05	
0.00	0.00	0.00	0.79	0.84	0.88	0.90	0.93	0.95	0.97	0.99	1.00	
<p>Rating:6W 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:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50									
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	0.60	0.49	0.42	0.36	0.29	0.24	0.21	0.16	0.13	
	0.30		0.50	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.12	
	0.20		0.43	0.37	0.32	0.29	0.24	0.20	0.18	0.14	0.12	
0.50	0.50	0.20	0.57	0.46	0.39	0.34	0.27	0.26	0.19	0.15	0.12	
	0.30		0.48	0.40	0.34	0.30	0.24	0.20	0.18	0.14	0.11	
	0.20		0.42	0.35	0.31	0.27	0.22	0.19	0.17	0.13	0.11	
0.30	0.50	0.20	0.54	0.43	0.36	0.31	0.25	0.20	0.17	0.13	0.11	
	0.30		0.46	0.38	0.33	0.28	0.23	0.19	0.16	0.13	0.10	
	0.20		0.40	0.34	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
0.00	0.00	0.00	0.26	0.21	0.17	0.15	0.12	0.10	0.08	0.06	0.05	
<p>Rating:6W 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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50									
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	0.15	0.17	0.18	0.19	0.21	0.22	0.22	0.23	0.24	
	0.30		0.11	0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	
0.50	0.50	0.20	0.15	0.16	0.18	0.19	0.20	0.21	0.21	0.22	0.23	
	0.30		0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.21	0.22	
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20	
0.30	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	
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:6W 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 [%]
0.0-0.5	3426.5	0.8	0.8	0.15	0.15
0.5-1.0	3407.2	2.4	3.3	0.45	0.61
1.0-1.5	3365.2	4.0	7.3	0.75	1.35
1.5-2.0	3302.9	5.5	12.8	1.03	2.38
2.0-2.5	3223.9	6.9	19.8	1.29	3.67
2.5-3.0	3130.0	8.2	28.0	1.53	5.20
3.0-3.5	3020.1	9.4	37.4	1.74	6.95
3.5-4.0	2897.2	10.4	47.8	1.93	8.88
4.0-4.5	2766.0	11.2	59.0	2.09	10.96
4.5-5.0	2624.5	11.9	70.9	2.21	13.18
5.0-5.5	2477.0	12.4	83.4	2.31	15.49
5.5-6.0	2327.8	12.8	96.1	2.38	17.86
6.0-6.5	2178.9	13.0	109.2	2.42	20.28
6.5-7.0	2031.9	13.1	122.2	2.43	22.71
7.0-7.5	1884.3	13.0	135.3	2.42	25.13
7.5-8.0	1741.4	12.9	148.2	2.39	27.53
8.0-8.5	1607.3	12.6	160.8	2.35	29.88
8.5-9.0	1479.3	12.3	173.1	2.29	32.17
9.0-9.5	1358.6	12.0	185.1	2.22	34.39
9.5-10.0	1245.0	11.6	196.7	2.15	36.54
10.0-10.5	1139.1	11.1	207.8	2.06	38.61
10.5-11.0	1042.8	10.7	218.5	1.98	40.59
11.0-11.5	951.5	10.2	228.6	1.89	42.48
11.5-12.0	866.9	9.7	238.3	1.80	44.28
12.0-12.5	790.6	9.2	247.5	1.71	45.99
12.5-13.0	719.2	8.7	256.2	1.62	47.60
13.0-13.5	653.2	8.2	264.4	1.53	49.13
13.5-14.0	593.3	7.7	272.2	1.44	50.56
14.0-14.5	539.7	7.3	279.4	1.35	51.92
14.5-15.0	491.4	6.9	286.3	1.27	53.19
15.0-15.5	447.4	6.5	292.8	1.20	54.39
15.5-16.0	406.6	6.1	298.8	1.12	55.52
16.0-16.5	370.6	5.7	304.5	1.06	56.57
16.5-17.0	339.5	5.4	309.9	1.00	57.57
17.0-17.5	310.7	5.1	314.9	0.94	58.51
17.5-18.0	285.3	4.8	319.7	0.89	59.39

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	264.2	4.5	324.2	0.84	60.24
18.5-19.0	245.9	4.3	328.6	0.81	61.04
19.0-19.5	229.0	4.1	332.7	0.77	61.81
19.5-20.0	214.4	4.0	336.7	0.74	62.55
20.0-20.5	201.7	3.8	340.5	0.71	63.26
20.5-21.0	190.6	3.7	344.2	0.69	63.95
21.0-21.5	180.4	3.6	347.8	0.67	64.61
21.5-22.0	171.7	3.5	351.3	0.65	65.26
22.0-22.5	164.5	3.4	354.7	0.63	65.90
22.5-23.0	157.4	3.3	358.0	0.62	66.52
23.0-23.5	150.6	3.3	361.3	0.61	67.12
23.5-24.0	144.8	3.2	364.5	0.59	67.72
24.0-24.5	140.3	3.2	367.6	0.59	68.30
24.5-25.0	135.7	3.1	370.8	0.58	68.88
25.0-25.5	131.3	3.1	373.8	0.57	69.45
25.5-26.0	128.2	3.1	376.9	0.57	70.02
26.0-26.5	124.9	3.0	379.9	0.56	70.58
26.5-27.0	122.2	3.0	382.9	0.56	71.14
27.0-27.5	120.3	3.0	385.9	0.56	71.70
27.5-28.0	117.7	3.0	388.9	0.56	72.26
28.0-28.5	114.8	3.0	391.9	0.55	72.81
28.5-29.0	111.1	2.9	394.9	0.54	73.36
29.0-29.5	107.0	2.9	397.7	0.53	73.89
29.5-30.0	103.2	2.8	400.5	0.52	74.41
30.0-30.5	100.2	2.8	403.3	0.51	74.93
30.5-31.0	97.1	2.7	406.0	0.51	75.43
31.0-31.5	94.4	2.7	408.7	0.50	75.93
31.5-32.0	92.4	2.7	411.4	0.50	76.43
32.0-32.5	90.2	2.6	414.0	0.49	76.92
32.5-33.0	88.2	2.6	416.6	0.49	77.40
33.0-33.5	85.9	2.6	419.2	0.48	77.88
33.5-34.0	83.4	2.5	421.7	0.47	78.36
34.0-34.5	81.8	2.5	424.3	0.47	78.82
34.5-35.0	79.7	2.5	426.8	0.46	79.29
35.0-35.5	77.1	2.4	429.2	0.45	79.74
35.5-36.0	75.0	2.4	431.6	0.45	80.19

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	73.3	2.4	434.0	0.44	80.63
36.5-37.0	72.2	2.4	436.3	0.44	81.07
37.0-37.5	70.6	2.3	438.7	0.44	81.50
37.5-38.0	68.6	2.3	441.0	0.43	81.93
38.0-38.5	67.3	2.3	443.3	0.42	82.36
38.5-39.0	65.5	2.2	445.5	0.42	82.77
39.0-39.5	64.1	2.2	447.8	0.41	83.19
39.5-40.0	62.7	2.2	450.0	0.41	83.60
40.0-40.5	60.8	2.2	452.1	0.40	84.00
40.5-41.0	60.2	2.2	454.3	0.40	84.40
41.0-41.5	58.6	2.1	456.4	0.39	84.79
41.5-42.0	56.4	2.1	458.4	0.38	85.17
42.0-42.5	55.8	2.1	460.5	0.38	85.56
42.5-43.0	54.8	2.0	462.5	0.38	85.93
43.0-43.5	53.0	2.0	464.5	0.37	86.30
43.5-44.0	51.5	2.0	466.5	0.36	86.67
44.0-44.5	50.2	1.9	468.4	0.36	87.02
44.5-45.0	49.2	1.9	470.3	0.35	87.38
45.0-45.5	47.9	1.9	472.2	0.35	87.72
45.5-46.0	46.3	1.8	474.0	0.34	88.06
46.0-46.5	45.8	1.8	475.8	0.34	88.40
46.5-47.0	44.1	1.8	477.6	0.33	88.73
47.0-47.5	42.5	1.7	479.3	0.32	89.04
47.5-48.0	41.5	1.7	481.0	0.31	89.36
48.0-48.5	39.2	1.6	482.6	0.30	89.65
48.5-49.0	37.9	1.6	484.1	0.29	89.94
49.0-49.5	37.1	1.5	485.7	0.29	90.23
49.5-50.0	35.8	1.5	487.2	0.28	90.51
50.0-50.5	34.1	1.4	488.6	0.27	90.78
50.5-51.0	32.9	1.4	490.0	0.26	91.04
51.0-51.5	31.7	1.4	491.3	0.25	91.29
51.5-52.0	29.2	1.3	492.6	0.23	91.52
52.0-52.5	28.4	1.2	493.8	0.23	91.75
52.5-53.0	27.3	1.2	495.0	0.22	91.97
53.0-53.5	25.8	1.1	496.2	0.21	92.18
53.5-54.0	25.2	1.1	497.3	0.21	92.39

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	23.8	1.1	498.3	0.20	92.59
54.5-55.0	22.7	1.0	499.4	0.19	92.78
55.0-55.5	22.1	1.0	500.4	0.18	92.96
55.5-56.0	21.2	1.0	501.3	0.18	93.14
56.0-56.5	20.4	0.9	502.2	0.17	93.31
56.5-57.0	20.4	0.9	503.2	0.17	93.49
57.0-57.5	19.7	0.9	504.1	0.17	93.65
57.5-58.0	18.7	0.9	505.0	0.16	93.82
58.0-58.5	18.3	0.9	505.8	0.16	93.98
58.5-59.0	17.6	0.8	506.6	0.15	94.13
59.0-59.5	16.7	0.8	507.4	0.15	94.28
59.5-60.0	15.9	0.8	508.2	0.14	94.41
60.0-60.5	15.0	0.7	508.9	0.13	94.55
60.5-61.0	15.1	0.7	509.6	0.13	94.68
61.0-61.5	15.1	0.7	510.3	0.14	94.82
61.5-62.0	14.4	0.7	511.0	0.13	94.95
62.0-62.5	13.6	0.7	511.7	0.12	95.07
62.5-63.0	13.1	0.6	512.3	0.12	95.19
63.0-63.5	12.9	0.6	513.0	0.12	95.30
63.5-64.0	12.7	0.6	513.6	0.12	95.42
64.0-64.5	12.3	0.6	514.2	0.11	95.53
64.5-65.0	11.9	0.6	514.8	0.11	95.64
65.0-65.5	11.4	0.6	515.4	0.11	95.75
65.5-66.0	11.0	0.6	515.9	0.10	95.85
66.0-66.5	11.0	0.6	516.5	0.10	95.95
66.5-67.0	10.5	0.5	517.0	0.10	96.05
67.0-67.5	10.0	0.5	517.5	0.09	96.15
67.5-68.0	10.1	0.5	518.0	0.09	96.24
68.0-68.5	9.9	0.5	518.5	0.09	96.33
68.5-69.0	9.4	0.5	519.0	0.09	96.42
69.0-69.5	9.2	0.5	519.5	0.09	96.51
69.5-70.0	8.9	0.5	519.9	0.08	96.60
70.0-70.5	8.5	0.4	520.4	0.08	96.68
70.5-71.0	8.5	0.4	520.8	0.08	96.76
71.0-71.5	8.7	0.4	521.2	0.08	96.84
71.5-72.0	8.1	0.4	521.7	0.08	96.92

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	7.6	0.4	522.1	0.07	96.99
72.5-73.0	7.5	0.4	522.5	0.07	97.07
73.0-73.5	7.4	0.4	522.8	0.07	97.14
73.5-74.0	7.0	0.4	523.2	0.07	97.21
74.0-74.5	6.8	0.4	523.6	0.07	97.27
74.5-75.0	6.5	0.3	523.9	0.06	97.34
75.0-75.5	6.0	0.3	524.2	0.06	97.40
75.5-76.0	6.2	0.3	524.6	0.06	97.46
76.0-76.5	6.0	0.3	524.9	0.06	97.52
76.5-77.0	5.5	0.3	525.2	0.05	97.57
77.0-77.5	5.0	0.3	525.4	0.05	97.62
77.5-78.0	4.9	0.3	525.7	0.05	97.67
78.0-78.5	5.6	0.3	526.0	0.06	97.73
78.5-79.0	4.8	0.3	526.3	0.05	97.77
79.0-79.5	4.1	0.2	526.5	0.04	97.81
79.5-80.0	3.1	0.2	526.6	0.03	97.85
80.0-80.5	2.4	0.1	526.8	0.02	97.87
80.5-81.0	3.5	0.2	527.0	0.04	97.91
81.0-81.5	3.5	0.2	527.2	0.04	97.94
81.5-82.0	2.5	0.1	527.3	0.03	97.97
82.0-82.5	2.8	0.2	527.4	0.03	97.99
82.5-83.0	2.6	0.1	527.6	0.03	98.02
83.0-83.5	1.4	0.1	527.7	0.01	98.03
83.5-84.0	1.9	0.1	527.8	0.02	98.05
84.0-84.5	2.4	0.1	527.9	0.02	98.08
84.5-85.0	2.3	0.1	528.0	0.02	98.10
85.0-85.5	2.2	0.1	528.1	0.02	98.12
85.5-86.0	1.8	0.1	528.2	0.02	98.14
86.0-86.5	1.4	0.1	528.3	0.01	98.16
86.5-87.0	1.1	0.1	528.4	0.01	98.17
87.0-87.5	1.7	0.1	528.5	0.02	98.18
87.5-88.0	2.0	0.1	528.6	0.02	98.20
88.0-88.5	1.5	0.1	528.7	0.02	98.22
88.5-89.0	1.2	0.1	528.7	0.01	98.23
89.0-89.5	1.4	0.1	528.8	0.01	98.25
89.5-90.0	1.6	0.1	528.9	0.02	98.26

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	1.5	0.1	529.0	0.02	98.28
90.5-91.0	0.8	0.0	529.0	0.01	98.29
91.0-91.5	0.5	0.0	529.0	0.01	98.29
91.5-92.0	0.9	0.1	529.1	0.01	98.30
92.0-92.5	0.8	0.0	529.1	0.01	98.31
92.5-93.0	0.7	0.0	529.2	0.01	98.32
93.0-93.5	0.8	0.0	529.2	0.01	98.32
93.5-94.0	0.8	0.0	529.3	0.01	98.33
94.0-94.5	1.0	0.1	529.3	0.01	98.34
94.5-95.0	1.2	0.1	529.4	0.01	98.35
95.0-95.5	1.0	0.1	529.4	0.01	98.36
95.5-96.0	1.0	0.1	529.5	0.01	98.37
96.0-96.5	0.8	0.0	529.5	0.01	98.38
96.5-97.0	0.6	0.0	529.6	0.01	98.39
97.0-97.5	0.5	0.0	529.6	0.01	98.39
97.5-98.0	0.6	0.0	529.6	0.01	98.40
98.0-98.5	0.8	0.0	529.7	0.01	98.41
98.5-99.0	1.0	0.1	529.7	0.01	98.42
99.0-99.5	1.1	0.1	529.8	0.01	98.43
99.5-100.0	0.8	0.0	529.8	0.01	98.44
100.0-100.5	0.7	0.0	529.9	0.01	98.44
100.5-101.0	0.8	0.0	529.9	0.01	98.45
101.0-101.5	1.2	0.1	530.0	0.01	98.46
101.5-102.0	0.8	0.0	530.0	0.01	98.47
102.0-102.5	0.9	0.0	530.1	0.01	98.48
102.5-103.0	1.2	0.1	530.1	0.01	98.49
103.0-103.5	1.1	0.1	530.2	0.01	98.50
103.5-104.0	0.7	0.0	530.2	0.01	98.51
104.0-104.5	0.8	0.0	530.3	0.01	98.52
104.5-105.0	1.2	0.1	530.3	0.01	98.53
105.0-105.5	0.7	0.0	530.4	0.01	98.54
105.5-106.0	0.5	0.0	530.4	0.01	98.54
106.0-106.5	1.0	0.1	530.4	0.01	98.55
106.5-107.0	1.3	0.1	530.5	0.01	98.56
107.0-107.5	1.1	0.1	530.6	0.01	98.57
107.5-108.0	1.3	0.1	530.6	0.01	98.59

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 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	1.3	0.1	530.7	0.01	98.60
108.5-109.0	1.1	0.1	530.8	0.01	98.61
109.0-109.5	1.2	0.1	530.8	0.01	98.62
109.5-110.0	1.2	0.1	530.9	0.01	98.63
110.0-110.5	1.6	0.1	531.0	0.01	98.65
110.5-111.0	1.6	0.1	531.0	0.02	98.66
111.0-111.5	1.2	0.1	531.1	0.01	98.67
111.5-112.0	1.0	0.1	531.2	0.01	98.68
112.0-112.5	1.3	0.1	531.2	0.01	98.70
112.5-113.0	1.4	0.1	531.3	0.01	98.71
113.0-113.5	0.9	0.0	531.3	0.01	98.72
113.5-114.0	0.5	0.0	531.4	0.00	98.72
114.0-114.5	0.5	0.0	531.4	0.00	98.73
114.5-115.0	0.8	0.0	531.4	0.01	98.73
115.0-115.5	1.4	0.1	531.5	0.01	98.75
115.5-116.0	1.1	0.1	531.6	0.01	98.76
116.0-116.5	0.7	0.0	531.6	0.01	98.76
116.5-117.0	0.8	0.0	531.6	0.01	98.77
117.0-117.5	0.5	0.0	531.7	0.00	98.78
117.5-118.0	0.8	0.0	531.7	0.01	98.78
118.0-118.5	1.2	0.1	531.7	0.01	98.79
118.5-119.0	1.1	0.1	531.8	0.01	98.80
119.0-119.5	1.0	0.0	531.8	0.01	98.81
119.5-120.0	1.0	0.0	531.9	0.01	98.82
120.0-120.5	0.7	0.0	531.9	0.01	98.83
120.5-121.0	0.9	0.0	532.0	0.01	98.83
121.0-121.5	1.6	0.1	532.0	0.01	98.85
121.5-122.0	1.7	0.1	532.1	0.01	98.86
122.0-122.5	1.7	0.1	532.2	0.01	98.88
122.5-123.0	1.6	0.1	532.3	0.01	98.89
123.0-123.5	1.5	0.1	532.4	0.01	98.90
123.5-124.0	1.1	0.0	532.4	0.01	98.91
124.0-124.5	0.9	0.0	532.4	0.01	98.92
124.5-125.0	1.1	0.1	532.5	0.01	98.93
125.0-125.5	0.8	0.0	532.5	0.01	98.94
125.5-126.0	0.9	0.0	532.6	0.01	98.95

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	0.7	0.0	532.6	0.01	98.95
126.5-127.0	0.5	0.0	532.6	0.00	98.96
127.0-127.5	1.0	0.0	532.7	0.01	98.96
127.5-128.0	1.2	0.1	532.7	0.01	98.97
128.0-128.5	0.8	0.0	532.7	0.01	98.98
128.5-129.0	0.8	0.0	532.8	0.01	98.99
129.0-129.5	0.7	0.0	532.8	0.01	98.99
129.5-130.0	0.5	0.0	532.8	0.00	98.99
130.0-130.5	0.8	0.0	532.9	0.01	99.00
130.5-131.0	0.7	0.0	532.9	0.01	99.01
131.0-131.5	1.0	0.0	532.9	0.01	99.01
131.5-132.0	1.0	0.0	533.0	0.01	99.02
132.0-132.5	0.8	0.0	533.0	0.01	99.03
132.5-133.0	0.7	0.0	533.0	0.01	99.03
133.0-133.5	0.9	0.0	533.1	0.01	99.04
133.5-134.0	1.3	0.0	533.1	0.01	99.05
134.0-134.5	1.0	0.0	533.2	0.01	99.06
134.5-135.0	1.0	0.0	533.2	0.01	99.06
135.0-135.5	1.0	0.0	533.2	0.01	99.07
135.5-136.0	0.7	0.0	533.3	0.00	99.08
136.0-136.5	0.7	0.0	533.3	0.00	99.08
136.5-137.0	0.9	0.0	533.3	0.01	99.09
137.0-137.5	1.1	0.0	533.4	0.01	99.10
137.5-138.0	1.0	0.0	533.4	0.01	99.10
138.0-138.5	0.9	0.0	533.4	0.01	99.11
138.5-139.0	0.8	0.0	533.5	0.01	99.11
139.0-139.5	1.3	0.0	533.5	0.01	99.12
139.5-140.0	1.3	0.0	533.6	0.01	99.13
140.0-140.5	1.0	0.0	533.6	0.01	99.14
140.5-141.0	0.9	0.0	533.6	0.01	99.14
141.0-141.5	0.8	0.0	533.7	0.01	99.15
141.5-142.0	0.8	0.0	533.7	0.00	99.15
142.0-142.5	1.0	0.0	533.7	0.01	99.16
142.5-143.0	1.0	0.0	533.8	0.01	99.17
143.0-143.5	1.2	0.0	533.8	0.01	99.17
143.5-144.0	2.0	0.1	533.9	0.01	99.19

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	2.1	0.1	533.9	0.01	99.20
144.5-145.0	1.9	0.1	534.0	0.01	99.21
145.0-145.5	2.1	0.1	534.1	0.01	99.22
145.5-146.0	1.6	0.0	534.1	0.01	99.23
146.0-146.5	1.3	0.0	534.1	0.01	99.24
146.5-147.0	2.0	0.1	534.2	0.01	99.25
147.0-147.5	2.0	0.1	534.3	0.01	99.26
147.5-148.0	1.7	0.1	534.3	0.01	99.27
148.0-148.5	2.0	0.1	534.4	0.01	99.28
148.5-149.0	2.4	0.1	534.4	0.01	99.29
149.0-149.5	2.5	0.1	534.5	0.01	99.31
149.5-150.0	2.9	0.1	534.6	0.02	99.32
150.0-150.5	3.3	0.1	534.7	0.02	99.34
150.5-151.0	3.0	0.1	534.8	0.02	99.35
151.0-151.5	2.9	0.1	534.8	0.01	99.37
151.5-152.0	2.9	0.1	534.9	0.01	99.38
152.0-152.5	2.5	0.1	535.0	0.01	99.39
152.5-153.0	3.2	0.1	535.1	0.01	99.41
153.0-153.5	3.8	0.1	535.1	0.02	99.42
153.5-154.0	3.4	0.1	535.2	0.02	99.44
154.0-154.5	3.4	0.1	535.3	0.02	99.46
154.5-155.0	3.2	0.1	535.4	0.01	99.47
155.0-155.5	3.5	0.1	535.5	0.01	99.48
155.5-156.0	4.2	0.1	535.6	0.02	99.50
156.0-156.5	4.2	0.1	535.7	0.02	99.52
156.5-157.0	4.1	0.1	535.7	0.02	99.54
157.0-157.5	4.0	0.1	535.8	0.02	99.55
157.5-158.0	4.4	0.1	535.9	0.02	99.57
158.0-158.5	5.2	0.1	536.0	0.02	99.59
158.5-159.0	4.8	0.1	536.1	0.02	99.61
159.0-159.5	4.6	0.1	536.2	0.02	99.62
159.5-160.0	4.9	0.1	536.3	0.02	99.64
160.0-160.5	4.9	0.1	536.4	0.02	99.66
160.5-161.0	5.0	0.1	536.5	0.02	99.67
161.0-161.5	4.9	0.1	536.6	0.02	99.69
161.5-162.0	4.8	0.1	536.7	0.02	99.70

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	5.3	0.1	536.7	0.02	99.72
162.5-163.0	5.1	0.1	536.8	0.02	99.74
163.0-163.5	4.7	0.1	536.9	0.01	99.75
163.5-164.0	4.6	0.1	537.0	0.01	99.76
164.0-164.5	5.0	0.1	537.0	0.01	99.78
164.5-165.0	5.5	0.1	537.1	0.01	99.79
165.0-165.5	5.4	0.1	537.2	0.01	99.81
165.5-166.0	5.4	0.1	537.3	0.01	99.82
166.0-166.5	5.2	0.1	537.3	0.01	99.83
166.5-167.0	5.1	0.1	537.4	0.01	99.84
167.0-167.5	5.4	0.1	537.5	0.01	99.86
167.5-168.0	5.1	0.1	537.5	0.01	99.87
168.0-168.5	4.6	0.1	537.6	0.01	99.88
168.5-169.0	5.1	0.1	537.6	0.01	99.89
169.0-169.5	5.6	0.1	537.7	0.01	99.90
169.5-170.0	5.6	0.1	537.7	0.01	99.91
170.0-170.5	5.4	0.1	537.8	0.01	99.92
170.5-171.0	5.5	0.0	537.8	0.01	99.93
171.0-171.5	5.5	0.0	537.9	0.01	99.93
171.5-172.0	5.3	0.0	537.9	0.01	99.94
172.0-172.5	5.6	0.0	538.0	0.01	99.95
172.5-173.0	5.7	0.0	538.0	0.01	99.96
173.0-173.5	5.2	0.0	538.0	0.01	99.96
173.5-174.0	5.0	0.0	538.1	0.01	99.97
174.0-174.5	4.8	0.0	538.1	0.00	99.97
174.5-175.0	4.6	0.0	538.1	0.00	99.98
175.0-175.5	5.1	0.0	538.1	0.00	99.98
175.5-176.0	5.3	0.0	538.2	0.00	99.99
176.0-176.5	5.0	0.0	538.2	0.00	99.99
176.5-177.0	5.2	0.0	538.2	0.00	99.99
177.0-177.5	4.6	0.0	538.2	0.00	99.99
177.5-178.0	4.6	0.0	538.2	0.00	100.00
178.0-178.5	5.2	0.0	538.2	0.00	100.00
178.5-179.0	4.8	0.0	538.2	0.00	100.00
179.0-179.5	5.0	0.0	538.2	0.00	100.00
179.5-180.0	5.4	0.0	538.2	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	3307.6	3327.4	3464.4	3622.4	3307.6	3327.4	3464.4	3622.4	3307.6	
G0.5	3293.8	3384.6	3564.6	3683.8	3308.2	3254.1	3352.4	3539.5	3293.8	
G1.0	3252.7	3422.0	3650.2	3720.8	3280.1	3158.3	3217.2	3432.5	3252.7	
G1.5	3191.4	3436.0	3707.1	3726.5	3222.2	3048.0	3077.2	3300.4	3191.4	
G2.0	3111.1	3426.3	3732.0	3706.3	3151.3	2927.4	2922.7	3160.4	3111.1	
G2.5	3004.6	3388.6	3728.5	3657.6	3067.1	2805.1	2785.8	3007.4	3004.6	
G3.0	2900.6	3322.1	3700.1	3581.9	2975.8	2673.3	2629.6	2852.0	2900.6	
G3.5	2766.6	3230.4	3636.4	3468.1	2861.8	2545.7	2483.9	2693.6	2766.6	
G4.0	2643.8	3115.5	3547.6	3344.5	2729.6	2418.1	2334.0	2536.2	2643.8	
G4.5	2496.4	2979.4	3426.0	3190.1	2615.4	2287.8	2201.8	2389.5	2496.4	
G5.0	2354.1	2819.3	3278.1	3031.5	2476.2	2147.4	2063.4	2236.1	2354.1	
G5.5	2214.6	2668.7	3111.3	2867.7	2343.9	2016.1	1918.7	2085.6	2214.6	
G6.0	2069.7	2494.5	2927.5	2706.5	2198.3	1894.6	1785.7	1940.9	2069.7	
G6.5	1926.2	2325.0	2726.6	2535.7	2073.9	1777.9	1674.2	1805.8	1926.2	
G7.0	1791.1	2164.4	2521.3	2358.8	1941.6	1660.6	1551.2	1676.6	1791.1	
G7.5	1665.0	1989.8	2320.2	2186.2	1800.8	1539.3	1437.7	1544.4	1665.0	
G8.0	1533.5	1827.0	2131.4	2037.4	1674.5	1433.0	1326.9	1415.3	1533.5	
G8.5	1398.5	1682.1	1951.7	1872.5	1561.5	1334.5	1230.8	1306.6	1398.5	
G9.0	1280.3	1540.6	1781.1	1722.8	1436.9	1240.4	1130.5	1198.1	1280.3	
G9.5	1168.7	1408.9	1629.7	1588.1	1327.0	1153.0	1041.5	1089.6	1168.7	
G10.0	1064.4	1276.3	1485.0	1452.3	1213.8	1071.0	957.3	993.9	1064.4	
G10.5	968.6	1168.1	1346.7	1323.6	1117.3	994.3	883.4	909.0	968.6	
G11.0	881.4	1059.3	1233.8	1195.9	1034.5	921.3	819.0	829.4	881.4	
G11.5	799.0	951.4	1117.7	1083.7	943.0	845.4	751.9	757.5	799.0	
G12.0	725.3	857.5	1022.3	987.5	862.3	781.9	691.6	692.9	725.3	
G12.5	658.0	770.0	919.5	896.3	787.8	728.8	639.3	628.8	658.0	
G13.0	596.0	690.1	827.9	810.7	719.4	664.8	588.3	581.2	596.0	
G13.5	538.6	617.3	741.1	735.9	658.2	612.2	541.0	528.4	538.6	
G14.0	482.4	552.8	670.1	661.7	602.2	565.2	499.1	486.5	482.4	
G14.5	440.3	493.8	602.1	603.8	552.5	517.3	460.1	445.7	440.3	
G15.0	399.1	441.8	539.9	546.1	505.3	476.0	424.1	414.6	399.1	
G15.5	362.5	396.6	483.9	495.1	464.9	441.1	391.4	376.4	362.5	
G16.0	327.0	356.2	429.3	445.5	421.8	406.9	359.9	346.7	327.0	
G16.5	298.8	320.6	389.0	408.7	387.4	375.9	333.3	322.9	298.8	
G17.0	274.8	289.5	350.1	367.3	359.8	347.7	310.1	296.1	274.8	
G17.5	253.5	263.6	312.3	334.6	327.8	317.5	289.4	277.7	253.5	
G18.0	234.8	236.2	283.6	305.9	302.9	295.4	271.5	258.7	234.8	

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 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	220.8	222.8	263.3	284.0	280.9	275.8	254.5	237.0	220.8	
G19.0	203.3	207.4	237.6	261.1	261.9	257.8	238.5	227.1	203.3	
G19.5	190.4	190.6	219.3	241.3	246.0	241.7	226.2	213.8	190.4	
G20.0	180.9	183.8	203.6	220.7	230.6	226.8	213.9	201.1	180.9	
G20.5	170.7	174.6	194.4	206.0	216.8	213.5	202.5	186.8	170.7	
G21.0	164.2	166.8	178.9	194.9	204.7	204.4	192.3	177.7	164.2	
G21.5	155.3	155.2	173.4	183.8	192.3	190.6	182.9	169.4	155.3	
G22.0	150.9	153.6	160.6	174.1	182.8	183.8	172.2	166.4	150.9	
G22.5	145.2	144.2	158.0	165.9	174.7	175.0	164.5	159.8	145.2	
G23.0	138.7	143.8	147.2	155.9	167.4	167.3	157.4	153.9	138.7	
G23.5	134.2	134.7	141.7	149.2	160.8	157.2	151.1	148.5	134.2	
G24.0	130.0	130.7	136.7	143.2	155.0	154.2	145.6	143.6	130.0	
G24.5	126.3	131.6	132.2	138.0	149.8	148.5	140.9	139.0	126.3	
G25.0	124.0	123.4	128.0	133.0	145.2	143.7	137.0	130.2	124.0	
G25.5	119.6	120.1	124.1	128.8	140.9	137.1	134.1	130.8	119.6	
G26.0	117.4	121.3	125.1	126.3	137.0	134.0	131.6	122.8	117.4	
G26.5	114.3	114.0	117.7	121.2	132.6	134.1	129.3	119.6	114.3	
G27.0	111.2	115.7	114.8	119.1	130.3	133.5	127.3	120.6	111.2	
G27.5	108.2	113.1	116.4	114.6	126.3	133.6	127.4	112.7	108.2	
G28.0	103.8	110.2	108.6	113.0	123.9	134.0	123.5	113.2	103.8	
G28.5	102.3	102.8	110.3	109.9	123.9	132.3	118.3	106.2	102.3	
G29.0	98.1	104.3	102.7	107.1	121.2	126.2	109.1	102.9	98.1	
G29.5	97.1	96.7	99.7	103.2	119.1	119.3	104.5	100.1	97.1	
G30.0	93.2	93.5	96.7	101.2	112.7	112.4	101.0	100.8	93.2	
G30.5	90.7	94.9	93.6	97.8	111.2	106.4	98.4	98.2	90.7	
G31.0	89.6	87.9	90.9	95.8	105.8	103.1	96.1	92.6	89.6	
G31.5	85.8	85.3	92.1	93.3	104.9	100.5	93.7	93.3	85.8	
G32.0	83.5	82.8	85.5	90.6	102.3	98.3	95.4	90.7	83.5	
G32.5	81.4	84.8	86.8	88.3	97.3	96.7	93.2	85.5	81.4	
G33.0	79.3	82.7	84.5	86.0	95.0	95.4	91.0	83.5	79.3	
G33.5	77.3	76.3	82.1	84.1	95.6	92.9	84.9	84.1	77.3	
G34.0	75.1	78.7	77.0	82.1	90.1	92.0	82.9	79.5	75.1	
G34.5	75.0	76.6	78.1	80.5	87.5	88.1	84.9	79.9	75.0	
G35.0	73.1	70.6	73.7	78.7	85.3	87.1	78.8	77.9	73.1	
G35.5	71.3	68.9	74.6	75.8	83.2	82.9	76.8	74.3	71.3	
G36.0	67.5	66.9	70.7	73.8	81.1	80.6	79.4	72.5	67.5	
G36.5	65.8	65.3	69.3	73.3	82.8	78.4	73.2	72.2	65.8	

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	64.2	67.9	69.6	71.9	77.2	78.4	75.9	70.5	64.2	
G37.5	62.5	66.4	66.4	68.6	75.3	76.6	69.8	68.8	62.5	
G38.0	63.3	60.7	66.1	68.9	73.3	72.5	72.7	66.1	63.3	
G38.5	59.5	63.3	64.5	67.3	71.6	70.7	71.2	64.6	59.5	
G39.0	58.1	57.8	62.8	66.1	69.7	72.0	65.1	63.1	58.1	
G39.5	56.4	60.8	61.2	64.6	67.9	70.5	68.2	61.9	56.4	
G40.0	55.0	59.4	59.6	63.1	66.3	65.9	62.1	60.5	55.0	
G40.5	53.6	53.7	58.4	58.9	64.8	67.6	65.1	59.0	53.6	
G41.0	52.1	56.7	57.1	60.5	67.5	66.2	63.7	57.8	52.1	
G41.5	53.8	50.9	55.1	59.4	61.6	61.4	58.0	56.1	53.8	
G42.0	49.3	53.8	53.7	58.1	60.1	59.8	56.7	55.1	49.3	
G42.5	47.9	52.6	53.5	53.3	63.2	62.1	59.7	53.8	47.9	
G43.0	50.0	47.0	52.3	51.8	57.4	60.9	58.4	52.6	50.0	
G43.5	45.2	50.1	49.6	50.6	56.0	59.7	57.3	50.0	45.2	
G44.0	43.8	48.8	50.2	53.1	54.8	54.3	51.6	49.7	43.8	
G44.5	46.1	47.5	46.7	52.0	53.5	53.0	50.2	47.0	46.1	
G45.0	44.7	42.0	45.4	50.8	56.8	55.8	48.9	47.0	44.7	
G45.5	43.4	40.7	44.0	49.5	55.6	50.5	47.6	44.0	43.4	
G46.0	37.9	43.9	42.7	44.2	54.2	53.4	46.3	42.5	37.9	
G46.5	40.6	38.0	44.5	47.2	52.8	52.0	48.9	43.1	40.6	
G47.0	35.2	36.7	43.2	41.5	46.9	46.1	47.5	41.5	35.2	
G47.5	37.9	39.8	38.4	40.0	50.0	49.4	46.2	40.0	37.9	
G48.0	32.1	38.5	40.4	43.1	44.3	43.5	41.3	38.6	32.1	
G48.5	30.6	32.5	39.0	41.5	42.9	42.2	39.8	37.2	30.6	
G49.0	33.7	35.4	33.4	40.2	41.7	45.4	38.5	33.0	33.7	
G49.5	32.3	29.3	35.9	34.1	44.2	44.2	37.2	34.5	32.3	
G50.0	26.5	32.4	30.3	37.1	42.8	42.8	38.8	30.1	26.5	
G50.5	25.3	30.7	33.0	30.9	37.7	41.5	37.5	28.5	25.3	
G51.0	24.2	29.2	31.6	29.5	40.0	40.2	36.1	30.4	24.2	
G51.5	27.5	23.4	30.0	32.4	35.2	39.1	32.4	25.8	27.5	
G52.0	26.4	22.2	24.0	26.3	34.0	33.5	31.2	24.6	26.4	
G52.5	20.9	25.6	27.3	29.5	32.8	36.6	32.3	27.0	20.9	
G53.0	19.9	19.8	21.8	23.6	31.7	31.2	31.0	26.0	19.9	
G53.5	19.1	18.9	20.5	26.8	33.4	34.3	29.8	25.2	19.1	
G54.0	18.2	22.4	19.4	21.2	32.3	29.0	28.7	24.4	18.2	
G54.5	21.8	17.0	23.0	20.3	28.4	28.0	27.5	19.6	21.8	
G55.0	16.8	16.3	17.7	23.6	27.5	30.7	26.5	18.8	16.8	

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 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	20.4	15.6	16.8	22.6	26.5	26.2	25.5	21.9	20.4	
G56.0	15.5	19.4	16.1	17.6	25.6	25.2	23.5	21.4	15.5	
G56.5	18.9	14.3	15.4	20.9	24.6	24.4	23.6	20.6	18.9	
G57.0	18.3	18.0	14.8	20.2	23.9	26.6	22.6	20.1	18.3	
G57.5	17.6	13.3	14.3	19.4	22.9	22.8	21.2	19.5	17.6	
G58.0	17.0	16.9	13.7	18.8	22.2	24.8	20.6	14.7	17.0	
G58.5	16.4	12.3	16.9	14.3	22.4	23.9	20.2	18.4	16.4	
G59.0	15.8	11.9	12.8	17.5	21.6	20.5	19.5	18.0	15.8	
G59.5	15.4	11.5	15.8	13.1	20.1	22.2	18.6	13.0	15.4	
G60.0	14.9	11.1	12.2	16.3	19.9	19.4	18.0	12.7	14.9	
G60.5	11.4	10.8	11.9	12.3	19.1	20.5	17.7	12.2	11.4	
G61.0	14.0	10.4	14.3	15.1	18.3	19.7	17.3	16.1	14.0	
G61.5	10.8	10.2	13.7	14.8	17.7	17.6	16.7	15.6	10.8	
G62.0	13.0	10.0	11.0	14.2	17.0	17.1	15.4	15.3	13.0	
G62.5	10.3	9.6	12.9	10.8	16.7	17.7	15.8	10.3	10.3	
G63.0	10.1	12.8	10.6	13.4	16.3	16.2	15.4	10.0	10.1	
G63.5	10.0	12.4	10.4	13.0	15.7	16.4	13.6	9.5	10.0	
G64.0	11.3	9.0	11.6	12.7	15.4	15.7	13.1	13.8	11.3	
G64.5	9.5	11.6	10.2	9.5	14.9	15.1	14.3	8.8	9.5	
G65.0	9.4	11.5	10.9	11.9	13.4	14.6	12.1	13.0	9.4	
G65.5	9.3	11.1	10.4	9.0	12.9	14.0	11.6	8.1	9.3	
G66.0	9.9	8.2	10.1	11.3	14.0	13.3	11.1	12.4	9.9	
G66.5	9.0	10.6	9.6	8.4	12.0	12.9	10.8	12.2	9.0	
G67.0	9.0	7.9	9.5	8.2	13.3	12.3	10.4	11.9	9.0	
G67.5	8.7	7.7	9.5	10.3	11.0	11.7	12.3	6.9	8.7	
G68.0	8.7	9.7	9.4	7.9	12.7	11.3	12.1	11.3	8.7	
G68.5	8.0	9.4	9.1	9.7	10.2	10.8	11.7	6.4	8.0	
G69.0	7.6	7.3	9.0	9.5	9.9	11.9	8.6	10.7	7.6	
G69.5	8.3	8.9	7.6	9.1	9.5	11.6	11.1	6.0	8.3	
G70.0	6.9	7.0	8.9	6.9	11.4	11.4	10.9	5.9	6.9	
G70.5	8.1	6.8	8.8	6.8	8.6	11.0	10.7	5.5	8.1	
G71.0	8.0	8.0	6.7	8.4	10.8	8.4	10.4	9.7	8.0	
G71.5	6.0	6.6	8.7	6.3	10.6	10.4	10.1	9.4	6.0	
G72.0	7.9	7.4	6.1	8.0	7.6	10.3	9.9	4.8	7.9	
G72.5	5.3	6.3	5.8	6.0	7.2	10.0	9.6	8.9	5.3	
G73.0	4.9	6.8	8.2	5.8	9.7	6.8	9.3	8.7	4.9	
G73.5	4.6	6.6	8.2	5.6	9.5	6.4	9.0	8.4	4.6	

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	7.4	6.3	8.0	7.0	6.1	6.0	8.8	3.9	7.4	
G74.5	7.3	5.8	4.6	6.8	8.9	8.9	4.5	8.0	7.3	
G75.0	3.8	5.6	7.7	6.6	8.7	5.2	4.2	7.7	3.8	
G75.5	3.4	5.5	4.0	4.8	8.4	8.4	8.1	3.2	3.4	
G76.0	3.2	5.3	7.5	6.1	8.2	8.1	7.9	7.2	3.2	
G76.5	2.9	4.9	7.4	4.3	4.6	7.9	7.6	2.8	2.9	
G77.0	6.6	4.7	3.0	5.6	7.6	7.6	3.0	6.7	6.6	
G77.5	2.3	4.9	7.0	4.0	7.4	3.5	2.8	2.3	2.3	
G78.0	6.2	4.1	6.9	3.8	7.2	7.2	6.9	2.2	6.2	
G78.5	6.1	4.7	2.3	4.9	6.9	6.9	6.7	6.1	6.1	
G79.0	6.0	3.6	6.6	3.4	6.7	2.6	2.0	1.9	6.0	
G79.5	5.8	3.3	2.0	4.6	2.7	6.4	6.1	1.6	5.8	
G80.0	1.2	3.0	1.8	4.3	2.5	2.0	1.4	1.4	1.2	
G80.5	0.9	2.9	1.5	4.2	2.2	1.8	5.8	1.3	0.9	
G81.0	5.3	2.6	5.9	4.0	5.9	5.8	5.5	1.2	5.3	
G81.5	0.6	2.5	5.6	2.5	1.8	5.6	0.8	0.9	0.6	
G82.0	0.5	2.2	5.5	3.6	1.5	0.9	0.6	4.7	0.5	
G82.5	4.8	1.9	5.4	2.1	5.3	0.7	0.3	4.6	4.8	
G83.0	4.7	1.6	0.6	3.3	5.0	0.5	0.2	0.5	4.7	
G83.5	0.0	1.4	0.5	3.2	0.9	0.2	0.0	0.2	0.0	
G84.0	4.2	3.3	4.7	2.9	0.7	4.5	0.0	4.0	4.2	
G84.5	4.0	3.3	0.2	2.8	0.5	0.0	4.0	0.0	4.0	
G85.0	3.8	3.0	4.3	2.6	0.2	0.0	3.8	3.5	3.8	
G85.5	3.6	0.6	0.0	2.5	4.0	0.0	0.0	3.4	3.6	
G86.0	3.4	2.7	0.0	0.9	3.9	3.8	0.0	0.0	3.4	
G86.5	0.0	0.1	0.0	0.7	0.0	0.0	3.2	3.0	0.0	
G87.0	3.0	0.0	3.4	0.6	3.5	0.0	0.0	0.0	3.0	
G87.5	2.8	0.0	3.2	0.5	3.4	3.3	0.0	2.8	2.8	
G88.0	2.7	0.0	0.0	1.8	3.2	3.2	2.7	2.7	2.7	
G88.5	0.0	2.3	2.8	0.1	2.9	0.0	0.0	0.0	0.0	
G89.0	2.5	0.0	2.6	0.0	0.0	2.8	0.0	2.5	2.5	
G89.5	2.3	0.0	2.3	0.0	0.0	2.7	2.2	2.5	2.3	
G90.0	2.2	0.0	2.2	1.5	0.0	2.7	2.1	2.2	2.2	
G90.5	2.1	2.0	2.0	0.0	0.0	2.6	2.0	0.0	2.1	
G91.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	
G91.5	0.0	0.0	0.0	1.2	2.5	0.0	0.0	2.1	0.0	
G92.0	1.8	2.1	1.4	1.2	0.0	2.5	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	2.5	0.0	0.0	2.0	0.0	
G93.0	0.0	2.0	0.0	1.2	2.3	0.0	1.4	0.0	0.0	
G93.5	0.0	0.0	1.1	0.0	0.0	2.2	0.0	1.9	0.0	
G94.0	1.2	2.0	0.0	1.2	0.0	2.2	1.2	0.0	1.2	
G94.5	0.0	2.0	0.0	1.2	0.0	2.2	1.2	1.8	0.0	
G95.0	0.9	2.1	0.7	1.3	2.2	0.0	1.1	1.8	0.9	
G95.5	0.0	2.1	0.7	0.0	2.3	0.0	0.9	0.0	0.0	
G96.0	0.7	2.1	0.0	0.0	2.3	2.2	0.0	1.8	0.7	
G96.5	0.0	0.0	0.0	0.0	2.3	0.0	0.8	0.0	0.0	
G97.0	0.5	0.0	0.1	1.3	0.0	2.1	0.0	1.9	0.5	
G97.5	0.1	0.0	0.2	0.0	2.3	0.0	0.0	0.0	0.1	
G98.0	0.2	2.2	0.3	0.0	0.0	2.1	0.5	1.9	0.2	
G98.5	0.3	0.0	0.5	0.0	0.0	2.1	0.5	1.9	0.3	
G99.0	0.3	2.3	0.6	1.5	2.3	2.0	0.3	1.9	0.3	
G99.5	0.5	2.3	0.7	0.0	2.3	0.0	0.1	0.0	0.5	
G100.0	0.0	0.0	0.8	1.5	2.3	0.0	0.3	1.8	0.0	
G100.5	0.0	2.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	
G101.0	0.0	2.3	1.1	1.6	0.0	2.0	0.5	1.9	0.0	
G101.5	0.0	2.3	1.2	1.6	2.3	0.0	0.0	1.9	0.0	
G102.0	0.0	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
G102.5	1.1	2.5	1.4	0.0	2.3	1.9	0.0	1.9	1.1	
G103.0	1.2	2.5	0.0	1.8	2.3	0.0	0.0	0.0	1.2	
G103.5	0.0	2.5	1.5	0.0	2.3	1.9	0.0	1.9	0.0	
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	
G104.5	1.5	2.5	0.0	1.9	2.3	0.0	1.2	1.9	1.5	
G105.0	1.6	2.5	0.0	2.0	0.0	1.8	0.0	0.0	1.6	
G105.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.9	0.0	
G106.0	0.0	0.0	0.0	0.0	2.3	0.0	1.3	1.9	0.0	
G106.5	1.9	2.6	2.1	2.0	0.0	1.8	0.0	0.0	1.9	
G107.0	0.0	0.0	0.0	2.1	2.3	1.8	1.6	1.9	0.0	
G107.5	2.0	2.6	0.0	0.0	0.0	1.6	0.0	1.9	2.0	
G108.0	2.1	2.6	0.0	0.0	2.2	1.6	1.8	1.9	2.1	
G108.5	0.0	0.0	2.3	0.0	2.3	1.6	0.0	1.9	0.0	
G109.0	2.2	0.0	2.5	0.0	2.3	0.0	1.9	0.0	2.2	
G109.5	2.3	0.0	0.0	2.2	2.3	1.5	2.0	0.0	2.3	
G110.0	2.3	2.6	0.0	2.2	0.0	1.6	0.0	0.0	2.3	
G110.5	2.3	2.6	2.6	2.3	2.2	0.0	2.1	2.0	2.3	

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 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	2.5	0.0	2.6	2.3	0.0	0.0	2.1	0.0	2.5	
G111.5	2.5	0.0	0.0	0.0	2.3	0.0	2.2	2.0	2.5	
G112.0	0.0	2.6	2.6	2.5	0.0	0.0	0.0	0.0	0.0	
G112.5	0.0	2.6	0.0	2.5	2.2	1.4	2.3	2.0	0.0	
G113.0	2.6	0.0	0.0	0.0	2.2	1.5	2.5	0.0	2.6	
G113.5	0.0	0.0	0.0	0.0	2.2	1.5	2.5	0.0	0.0	
G114.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	
G114.5	0.0	0.0	0.0	2.6	0.0	1.4	0.0	2.1	0.0	
G115.0	2.7	0.0	0.0	0.0	0.0	1.3	2.5	0.0	2.7	
G115.5	0.0	2.6	2.7	2.6	2.2	1.4	2.6	2.1	0.0	
G116.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	
G116.5	2.7	2.6	0.0	2.7	2.2	0.0	0.0	0.0	2.7	
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	
G117.5	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.1	0.0	
G118.0	0.0	0.0	2.6	2.6	0.0	0.0	0.0	2.2	0.0	
G118.5	0.0	0.0	2.5	2.7	2.1	0.0	2.6	2.2	0.0	
G119.0	2.6	0.0	0.0	0.0	0.0	0.0	2.6	0.0	2.6	
G119.5	0.0	2.6	0.0	0.0	2.1	1.2	2.6	2.2	0.0	
G120.0	2.6	0.0	2.3	0.0	0.0	1.2	0.0	0.0	2.6	
G120.5	0.0	2.6	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
G121.0	0.0	2.6	2.3	2.7	0.0	0.0	2.7	0.0	0.0	
G121.5	0.0	2.5	2.3	2.6	2.1	1.2	2.6	2.5	0.0	
G122.0	2.5	0.0	2.3	2.5	2.0	0.0	2.6	0.0	2.5	
G122.5	2.5	0.0	2.2	2.6	2.0	1.1	2.6	2.5	2.5	
G123.0	2.3	2.5	2.2	2.5	0.0	1.1	0.0	0.0	2.3	
G123.5	2.3	2.5	2.1	2.5	0.0	1.1	0.0	2.5	2.3	
G124.0	0.0	2.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
G124.5	0.0	0.0	2.1	2.3	0.0	1.1	2.3	2.6	0.0	
G125.0	2.2	2.5	0.0	2.2	0.0	0.9	0.0	0.0	2.2	
G125.5	0.0	2.5	0.0	2.2	0.0	0.9	0.0	0.0	0.0	
G126.0	0.0	2.3	1.9	0.0	1.9	0.0	2.2	0.0	0.0	
G126.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	
G127.0	2.0	0.0	1.8	0.0	0.0	1.1	0.0	0.0	2.0	
G127.5	2.0	2.5	0.0	1.9	1.8	0.0	0.0	2.7	2.0	
G128.0	0.0	0.0	1.6	0.0	1.8	0.0	2.0	2.7	0.0	
G128.5	1.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
G129.0	1.9	0.0	0.0	0.0	1.8	0.9	1.9	2.7	1.9	

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	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	
G130.0	0.0	0.0	1.3	0.0	1.6	1.1	0.0	2.8	0.0	
G130.5	1.8	2.3	0.0	0.0	0.0	0.1	1.6	0.0	1.8	
G131.0	1.6	0.0	1.2	0.1	1.5	1.1	0.0	0.0	1.6	
G131.5	0.0	2.2	1.2	0.9	1.6	1.1	0.0	2.8	0.0	
G132.0	0.0	2.2	1.2	0.8	0.0	1.1	1.4	0.0	0.0	
G132.5	1.5	0.0	1.2	0.6	1.5	0.1	1.5	0.0	1.5	
G133.0	0.0	2.1	1.1	0.6	0.0	0.1	1.4	0.0	0.0	
G133.5	1.4	2.1	0.9	0.9	0.0	1.1	0.0	2.9	1.4	
G134.0	1.4	2.1	0.9	1.1	0.0	1.1	1.3	2.9	1.4	
G134.5	0.2	2.1	0.7	0.2	1.4	0.2	0.2	0.0	0.2	
G135.0	1.3	2.1	0.8	1.4	1.4	0.3	1.2	3.0	1.3	
G135.5	1.3	0.0	0.9	1.5	0.1	0.2	1.1	0.0	1.3	
G136.0	0.5	2.1	1.1	0.0	0.2	1.2	0.5	0.0	0.5	
G136.5	0.6	0.0	1.2	1.8	0.2	0.3	1.1	0.0	0.6	
G137.0	1.3	0.0	1.3	0.0	1.3	1.2	1.1	3.2	1.3	
G137.5	0.6	0.0	1.3	0.0	1.2	1.2	0.9	3.2	0.6	
G138.0	1.2	0.0	1.4	2.2	1.2	1.3	0.9	0.0	1.2	
G138.5	0.8	0.0	0.2	2.3	0.7	0.5	0.9	0.0	0.8	
G139.0	1.2	0.0	1.6	2.5	1.2	0.6	0.9	0.0	1.2	
G139.5	1.2	0.0	1.9	2.6	1.1	1.3	0.9	3.3	1.2	
G140.0	1.1	2.0	0.1	0.0	1.1	0.6	0.9	3.4	1.1	
G140.5	1.2	2.0	0.1	0.0	1.1	0.7	1.4	0.0	1.2	
G141.0	1.2	2.0	2.1	0.0	1.1	1.5	0.8	0.0	1.2	
G141.5	1.3	0.3	0.0	0.0	1.1	0.8	0.9	0.0	1.3	
G142.0	1.4	0.3	2.3	0.0	0.9	1.6	0.9	0.0	1.4	
G142.5	1.2	2.0	2.5	0.0	1.5	0.9	0.9	0.0	1.2	
G143.0	1.2	2.0	0.0	0.0	1.6	1.1	0.9	0.0	1.2	
G143.5	1.5	2.0	2.8	0.0	0.9	1.1	1.1	3.8	1.5	
G144.0	1.8	2.0	2.8	3.4	0.9	2.0	2.2	3.9	1.8	
G144.5	1.8	0.8	0.0	3.5	0.9	2.0	2.5	3.9	1.8	
G145.0	1.4	0.9	3.0	3.6	2.2	1.3	2.6	0.0	1.4	
G145.5	2.0	1.1	3.2	3.8	1.1	1.4	1.3	4.1	2.0	
G146.0	2.1	1.2	0.0	0.0	1.1	1.5	1.2	0.0	2.1	
G146.5	2.2	1.3	0.0	0.0	2.7	2.5	1.3	4.2	2.2	
G147.0	2.3	2.2	0.0	3.9	2.9	2.6	3.2	0.1	2.3	
G147.5	2.5	1.5	0.0	4.0	1.2	2.7	3.3	0.2	2.5	

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	2.6	2.2	0.0	0.0	1.2	2.8	3.4	0.3	2.6	
G148.5	1.9	2.3	4.0	0.0	1.3	2.9	1.6	4.7	1.9	
G149.0	1.9	2.5	0.1	4.3	3.6	3.0	3.6	0.6	1.9	
G149.5	2.1	2.0	4.2	4.3	1.4	3.2	1.8	0.7	2.1	
G150.0	3.3	2.6	4.3	4.3	1.4	2.5	4.0	4.9	3.3	
G150.5	3.4	2.5	0.2	4.6	4.1	3.3	1.9	5.0	3.4	
G151.0	2.3	2.6	4.7	0.6	4.3	3.4	4.2	1.2	2.3	
G151.5	3.8	2.8	4.7	4.6	1.6	2.8	2.1	1.3	3.8	
G152.0	3.9	2.9	0.6	0.9	4.7	3.6	4.5	1.5	3.9	
G152.5	4.1	3.0	0.7	1.2	1.6	3.0	2.2	1.6	4.1	
G153.0	4.2	3.0	5.2	4.9	1.8	3.9	4.7	5.3	4.2	
G153.5	3.0	3.5	0.8	1.6	5.2	3.4	4.8	5.4	3.0	
G154.0	3.2	3.3	1.1	4.9	1.9	4.0	2.3	5.4	3.2	
G154.5	4.8	3.9	1.1	2.1	2.0	4.1	5.0	5.5	4.8	
G155.0	5.0	4.1	1.2	2.3	2.0	3.6	2.5	2.3	5.0	
G155.5	5.0	3.6	1.3	5.2	5.8	3.8	2.5	5.6	5.0	
G156.0	5.3	4.5	1.4	2.8	6.0	3.9	5.3	5.6	5.3	
G156.5	5.4	4.7	1.5	3.0	6.0	4.0	2.6	5.6	5.4	
G157.0	3.9	4.9	1.6	3.3	6.1	4.5	5.4	2.8	3.9	
G157.5	5.8	5.0	1.9	3.5	2.2	4.3	5.5	2.9	5.8	
G158.0	5.9	4.0	6.6	3.8	6.4	4.6	5.6	3.0	5.9	
G158.5	4.1	4.2	6.7	5.4	6.4	4.6	5.5	5.8	4.1	
G159.0	4.1	4.2	6.7	5.4	2.5	4.6	2.7	3.3	4.1	
G159.5	4.2	4.3	6.8	4.5	6.6	4.7	5.8	3.5	4.2	
G160.0	4.3	4.3	6.9	4.7	2.5	4.6	5.9	5.6	4.3	
G160.5	4.5	6.1	7.0	4.9	2.5	4.7	5.9	3.6	4.5	
G161.0	6.6	6.3	2.7	5.2	6.8	4.7	2.8	5.6	6.6	
G161.5	4.5	4.5	7.2	5.3	2.6	4.7	2.8	5.6	4.5	
G162.0	6.8	6.6	2.8	5.6	6.9	4.7	2.9	4.0	6.8	
G162.5	7.0	4.6	7.3	5.8	7.0	4.8	2.9	5.5	7.0	
G163.0	4.7	4.7	7.4	5.2	2.6	4.8	2.9	4.1	4.7	
G163.5	7.2	4.7	3.3	5.2	2.7	4.9	6.2	4.2	7.2	
G164.0	4.7	4.7	3.3	6.3	2.7	4.8	2.9	5.4	4.7	
G164.5	7.3	7.2	7.5	5.0	2.6	4.7	6.3	4.5	7.3	
G165.0	7.4	7.2	3.5	6.7	2.7	4.8	6.4	4.6	7.4	
G165.5	7.4	4.7	7.6	6.8	2.7	5.2	3.0	5.2	7.4	
G166.0	7.6	7.4	7.6	4.9	2.7	5.2	3.0	4.7	7.6	

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 9)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G166.5	7.5	7.4	3.9	4.8	2.8	5.2	2.9	5.2	7.5	
G167.0	4.8	7.5	3.9	4.8	7.3	5.2	3.0	5.0	4.8	
G167.5	4.8	4.7	4.0	7.4	7.3	4.7	6.6	4.9	4.8	
G168.0	4.8	4.7	4.1	4.7	2.8	4.7	6.7	4.9	4.8	
G168.5	4.8	7.7	4.1	4.6	2.8	4.7	3.0	5.0	4.8	
G169.0	4.8	7.7	7.7	4.5	2.8	5.3	6.8	4.8	4.8	
G169.5	4.8	7.9	4.3	7.9	2.8	5.4	6.8	5.2	4.8	
G170.0	7.9	4.6	7.6	4.3	2.8	4.6	6.8	5.3	7.9	
G170.5	4.7	8.0	7.6	4.3	2.8	4.5	6.8	4.6	4.7	
G171.0	8.0	4.6	4.6	8.1	7.4	4.5	2.9	4.5	8.0	
G171.5	8.0	8.0	4.6	8.1	2.8	4.5	2.8	5.4	8.0	
G172.0	4.6	8.0	4.6	8.1	2.8	4.3	2.9	5.5	4.6	
G172.5	8.0	8.0	7.5	4.0	7.3	5.4	2.8	5.5	8.0	
G173.0	8.0	4.2	7.4	8.2	2.9	5.5	2.8	4.2	8.0	
G173.5	4.3	4.1	7.4	3.9	2.8	5.5	6.9	5.6	4.3	
G174.0	8.0	4.0	7.3	3.8	3.0	5.5	2.8	5.6	8.0	
G174.5	4.3	4.0	7.2	3.8	2.9	5.6	2.8	5.8	4.3	
G175.0	8.0	4.0	4.8	3.6	3.0	5.6	2.9	5.9	8.0	
G175.5	4.1	3.8	7.0	8.1	7.0	5.8	2.8	5.9	4.1	
G176.0	7.9	3.6	6.9	3.5	3.2	3.9	7.2	3.9	7.9	
G176.5	7.7	7.9	5.0	3.4	3.2	4.0	2.8	6.1	7.7	
G177.0	7.7	3.5	5.0	3.4	3.3	6.0	7.3	6.1	7.7	
G177.5	3.8	3.4	6.3	3.4	3.4	3.9	2.8	3.8	3.8	
G178.0	3.5	3.3	6.2	7.6	6.9	6.2	2.9	6.3	3.5	
G178.5	3.4	3.2	5.5	3.5	7.0	6.3	7.5	3.8	3.4	
G179.0	3.2	3.3	5.2	4.2	7.0	6.4	3.0	3.8	3.2	
G179.5	3.2	6.7	4.5	5.2	3.9	6.7	7.6	6.7	3.2	
G180.0	3.3	5.8	3.9	3.9	6.6	3.4	7.7	6.9	3.3	

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: