

Report No.:

Test Time: 2020-11-3 11:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS026W12V30KD40 (不帶帽沿CXM-7, 6.95W)

Lamp Catalog: CXM-7-30-80-36

Voltage: 11.9 V

Power: 6.86 W

Lamp Description: DDC10W12S-160

Current: 0.620 A

Power Factor: 0.927

Volt Amps: 7.38 VA

Photometric Results

CIE Class: Direct

Measurement Flux: 626.3 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%,75%,100%): H64.4,H33.1,H20,H0

Vertical Diffuse Angle(10%,50%,75%,100%): V64.6,V33.2,V20.1,V1

Luminaire Efficacy Rating (LER): 91.35

Max. Intensity: 1500.5 cd

S/MH(C0/C180): 0.54

Total Rated Lamp Lumens: 626.3 lm

Efficiency: 100%

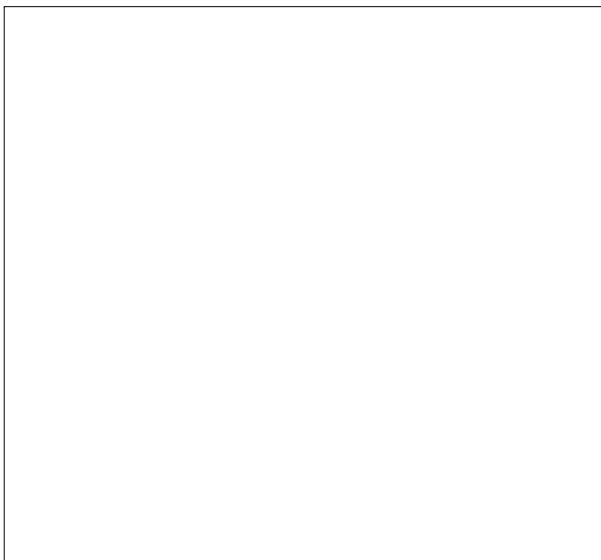
Upward Ratio: 1%

Central Intensity: 1500.5 cd

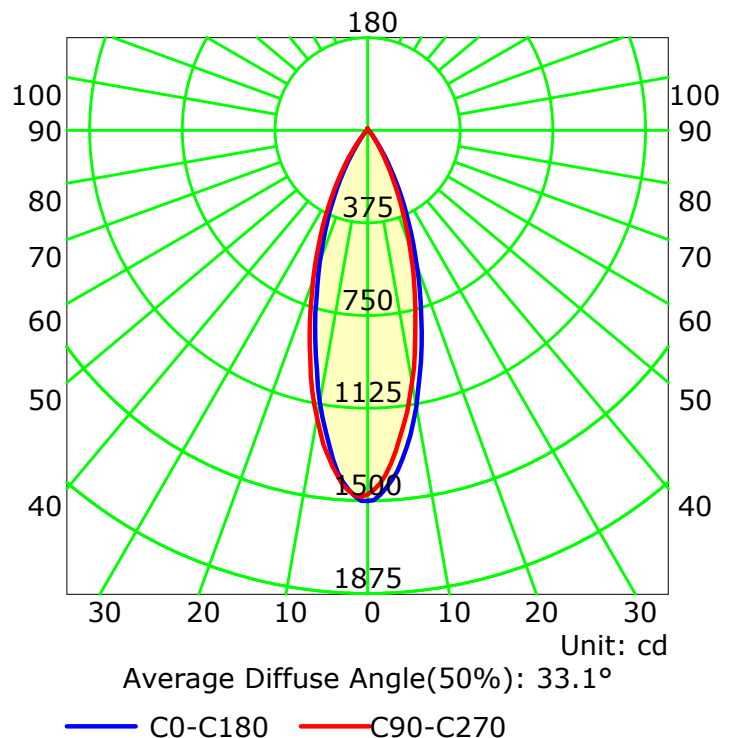
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 0.54

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

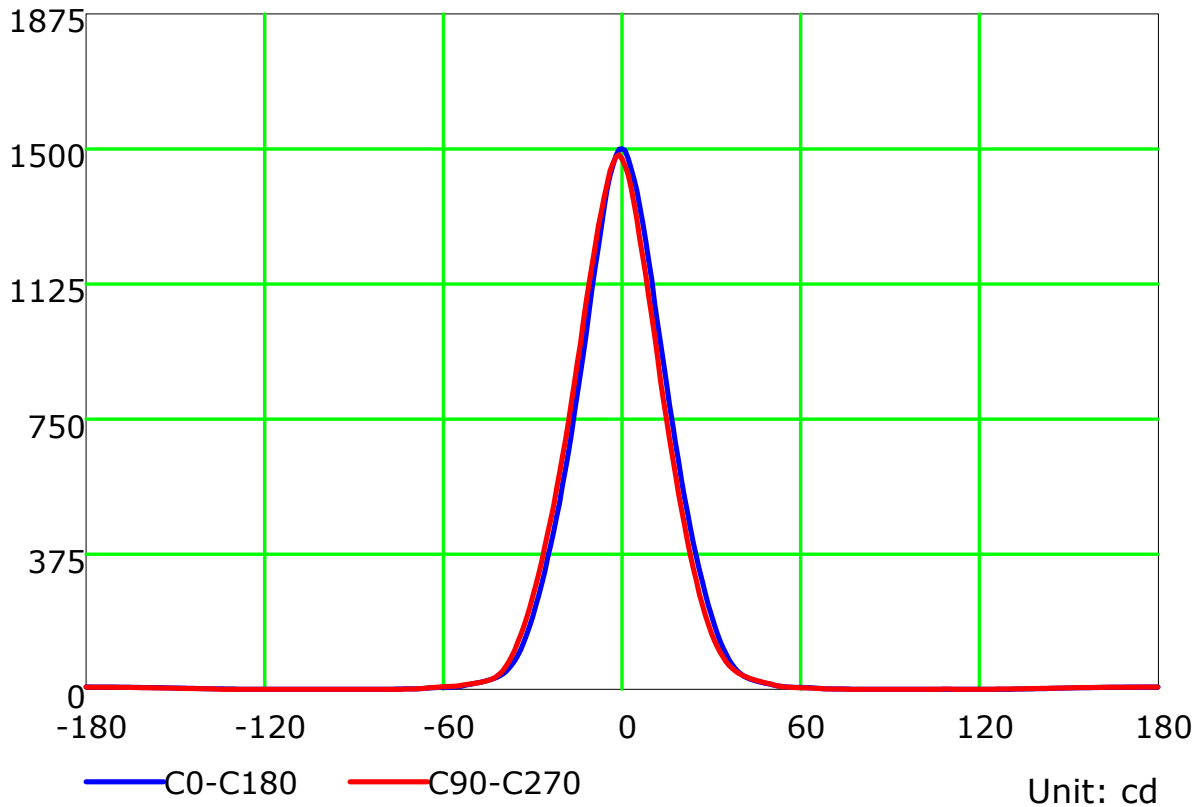
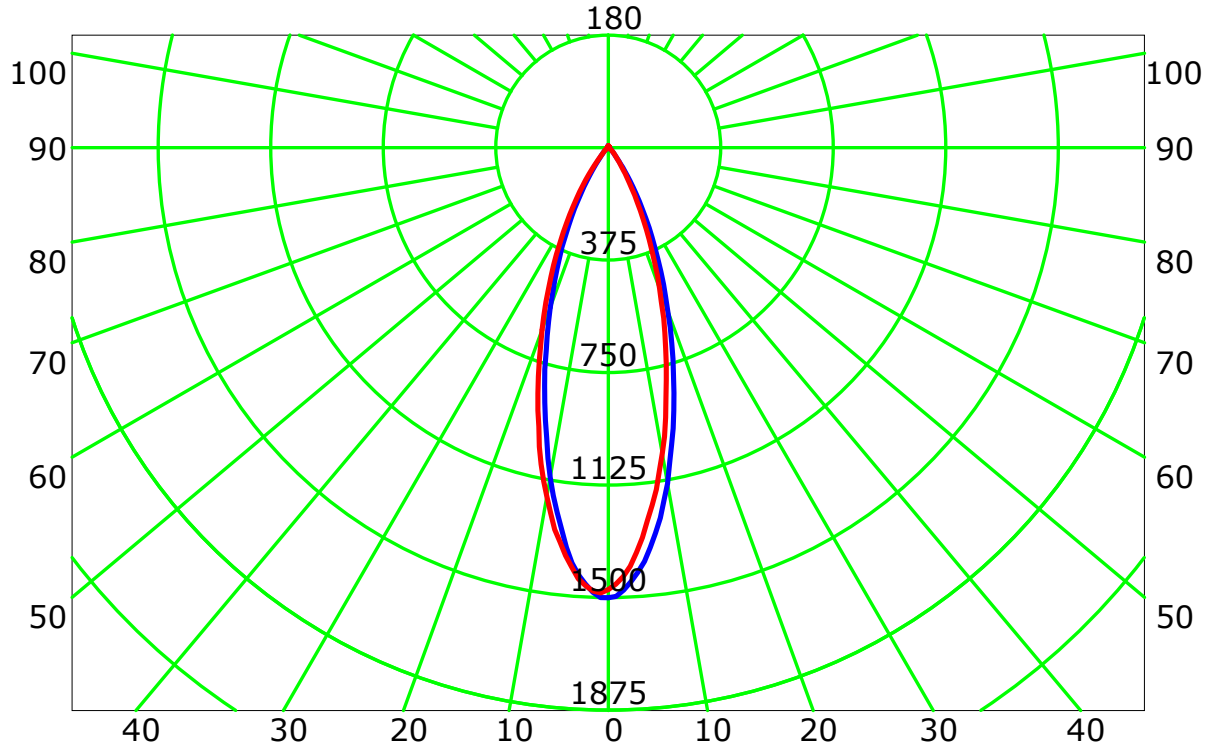
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

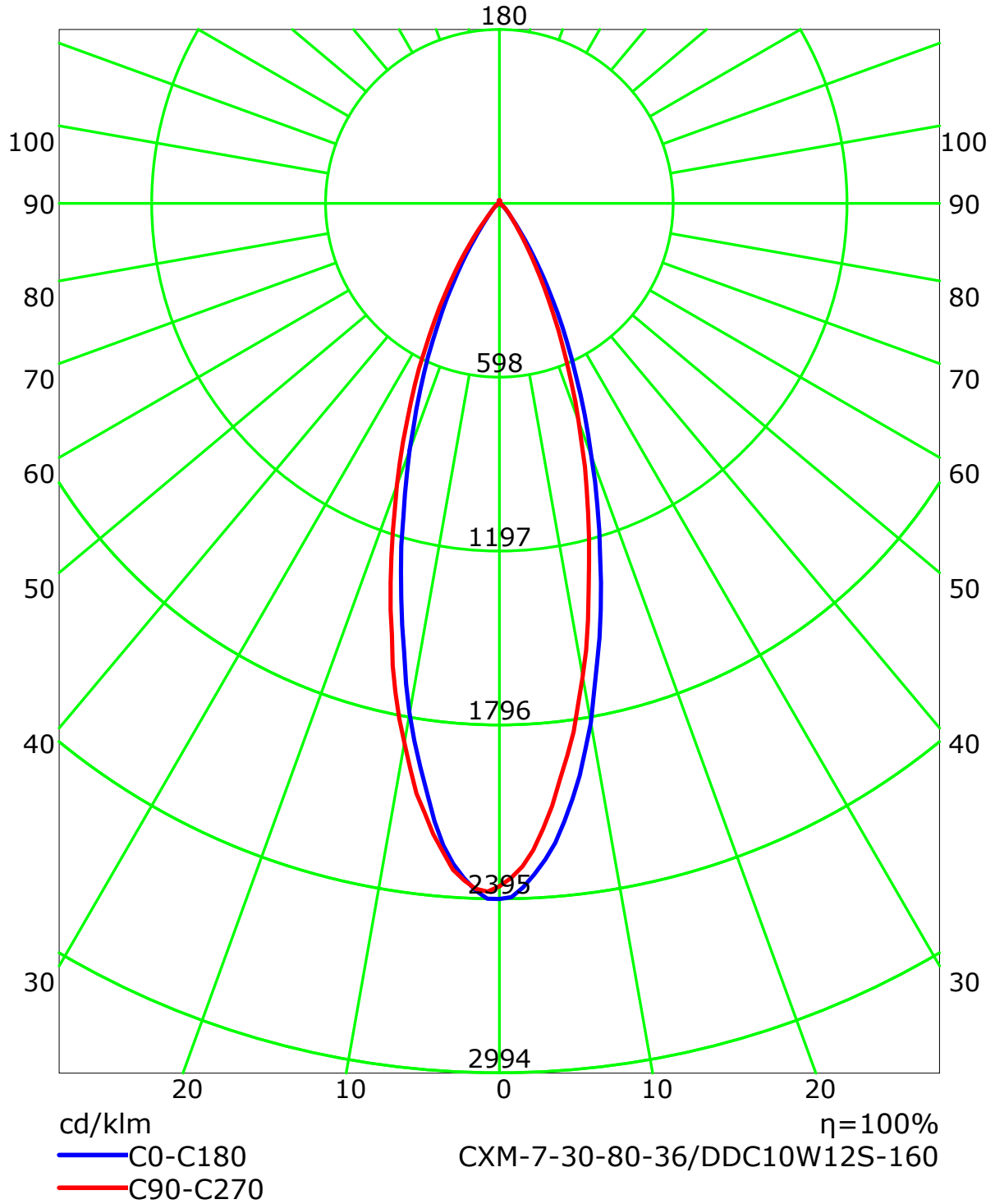
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



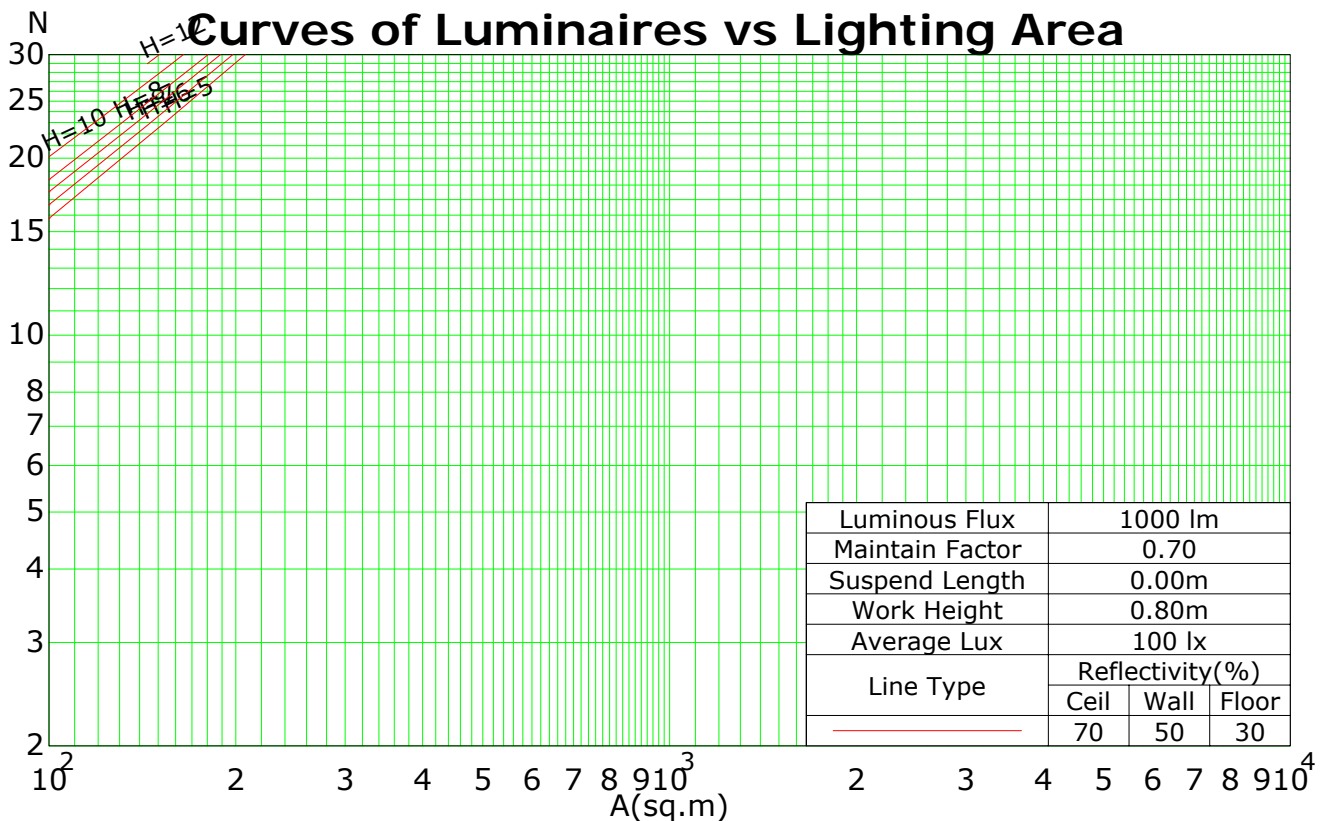
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	98	97	96	95	94
2	109	105	101	98	107	103	99	97	99	97	94	96	94	92	93	92	90	89
3	104	99	94	91	102	97	93	90	94	91	88	92	89	87	89	87	85	84
4	100	93	88	85	98	92	88	84	90	86	83	88	84	82	86	83	81	79
5	96	88	83	79	94	87	83	79	86	81	78	84	80	77	82	79	77	75
6	92	84	79	75	90	83	78	75	82	77	74	80	76	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	68
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	66	65
9	81	73	68	65	80	73	68	64	72	67	64	71	67	64	70	66	64	62
10	78	70	65	62	78	70	65	62	69	64	61	68	64	61	67	64	61	60

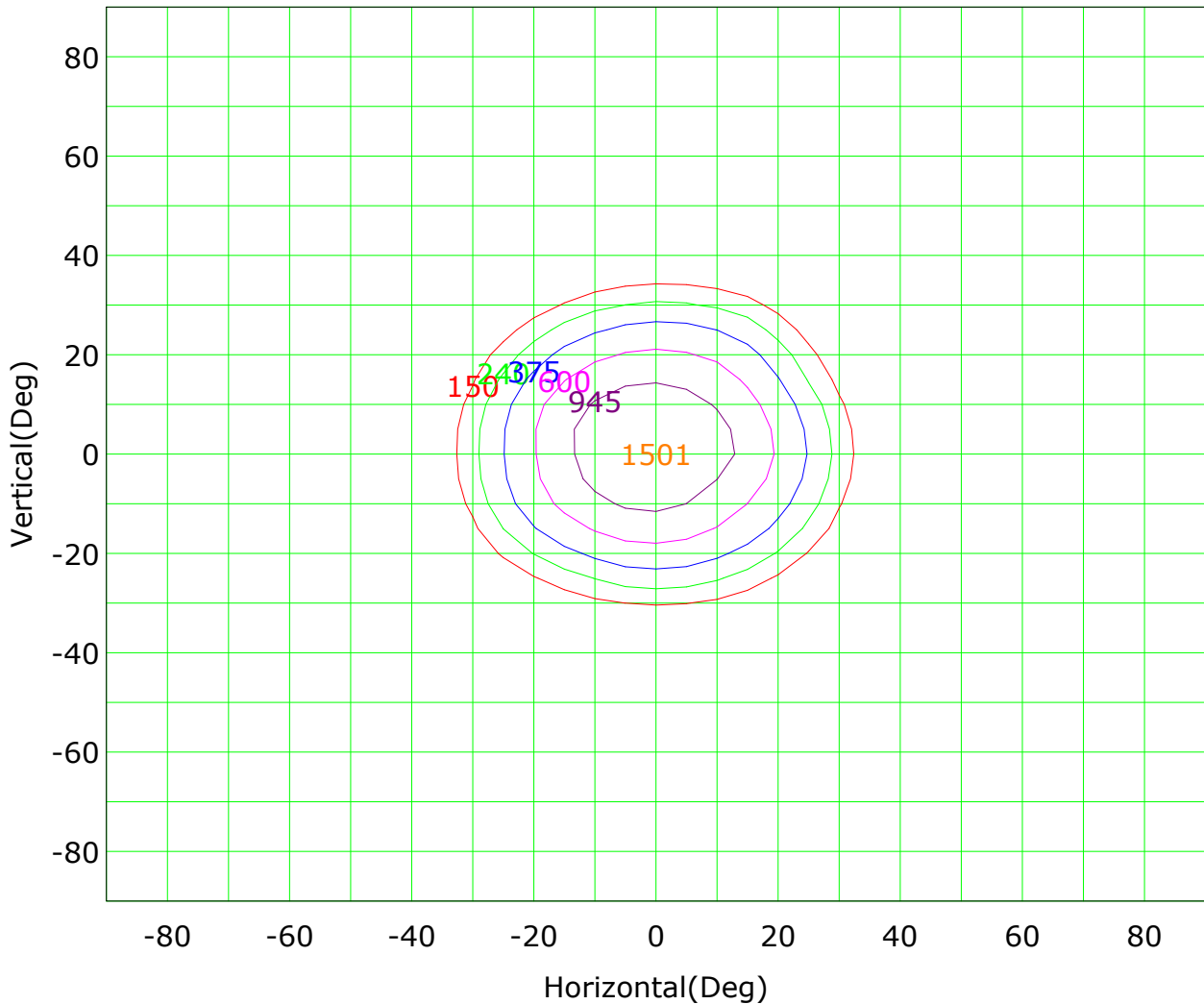
Spacing Criteria (0-180): 0.54
 Spacing Criteria (90-270): 0.54
 Spacing Criteria (Diagonal): 0.58



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



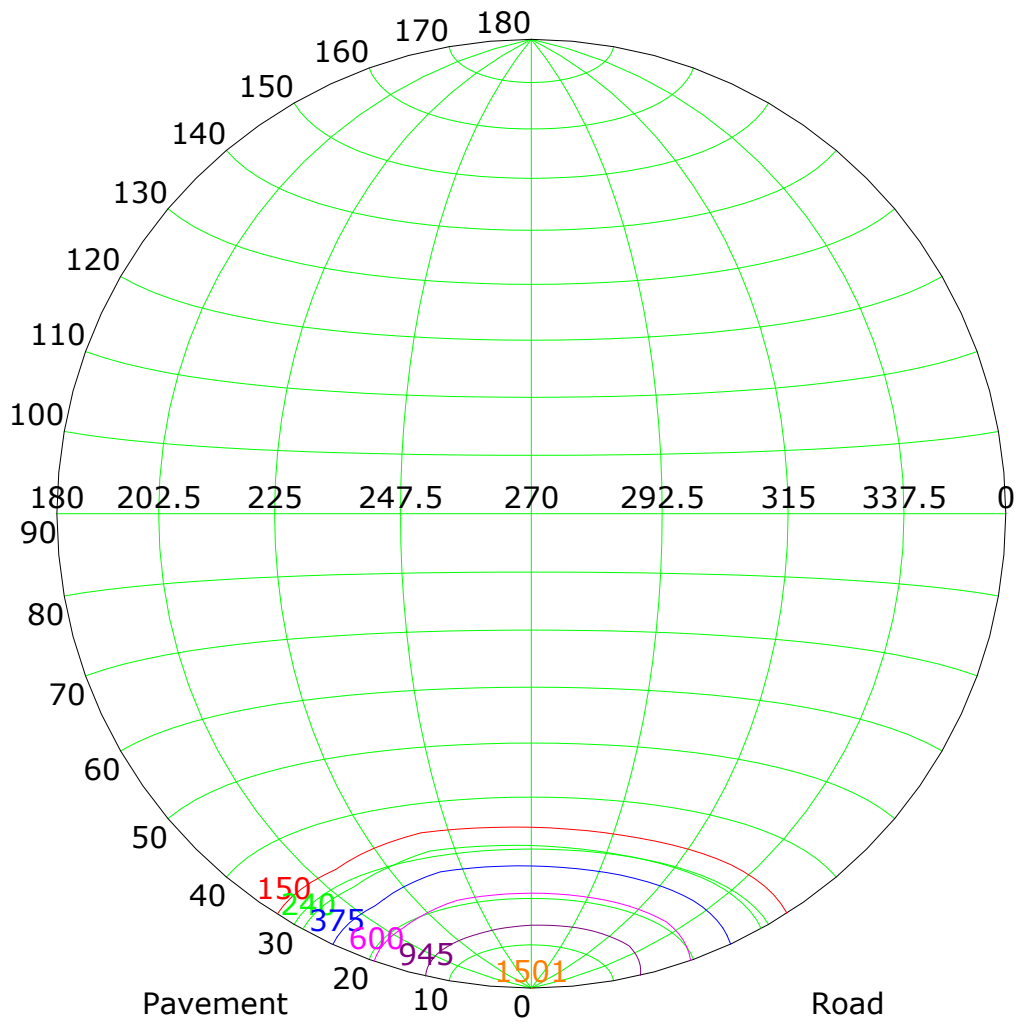
Imax (100%): 1501 cd

- | | |
|------------------|-------------------|
| — (10%): 150 cd | — (16%): 240 cd |
| — (25%): 375 cd | — (40%): 600 cd |
| — (63%): 945 cd | — (100%): 1501 cd |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (sphere)



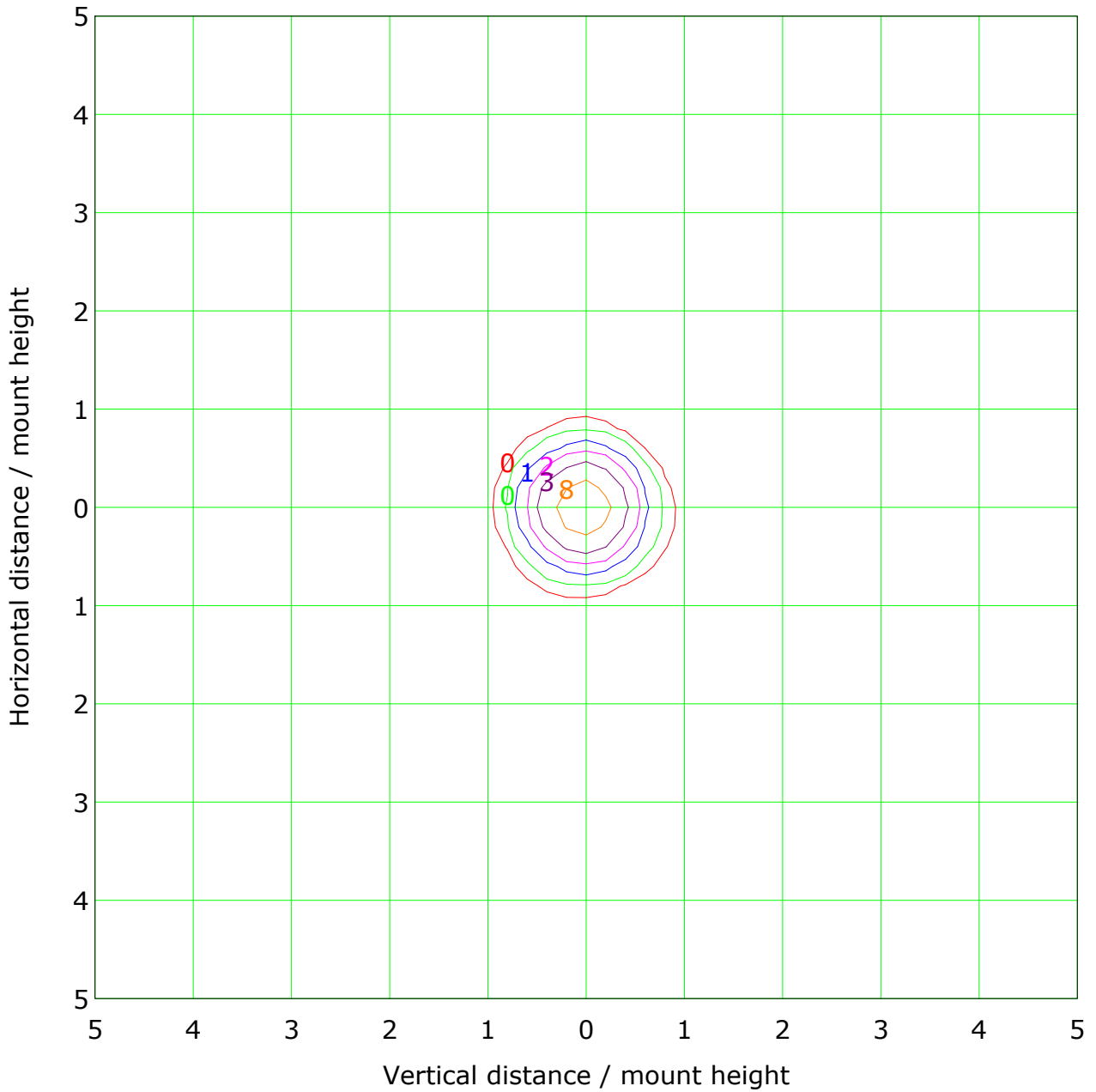
Imax (100%): 1501 cd

— (10%): 150 cd	— (16%): 240 cd
— (25%): 375 cd	— (40%): 600 cd
— (63%): 945 cd	— (100%): 1501 cd

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 15.0 lx

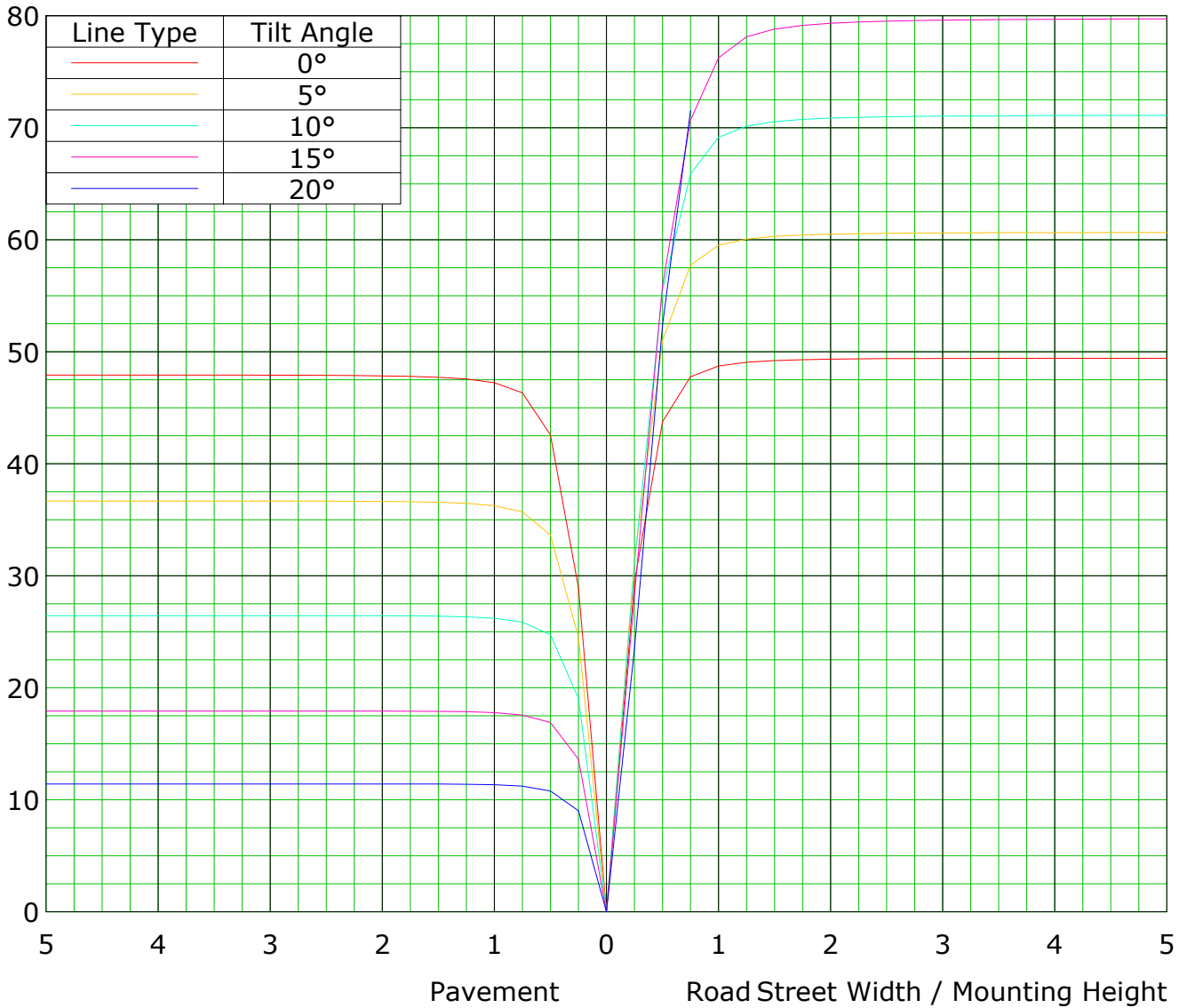
— (1%): 0.2 lx	— (2%): 0.3 lx
— (5%): 0.8 lx	— (10%): 1.5 lx
— (20%): 3.0 lx	— (50%): 7.5 lx
— (100%): 15.0 lx	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



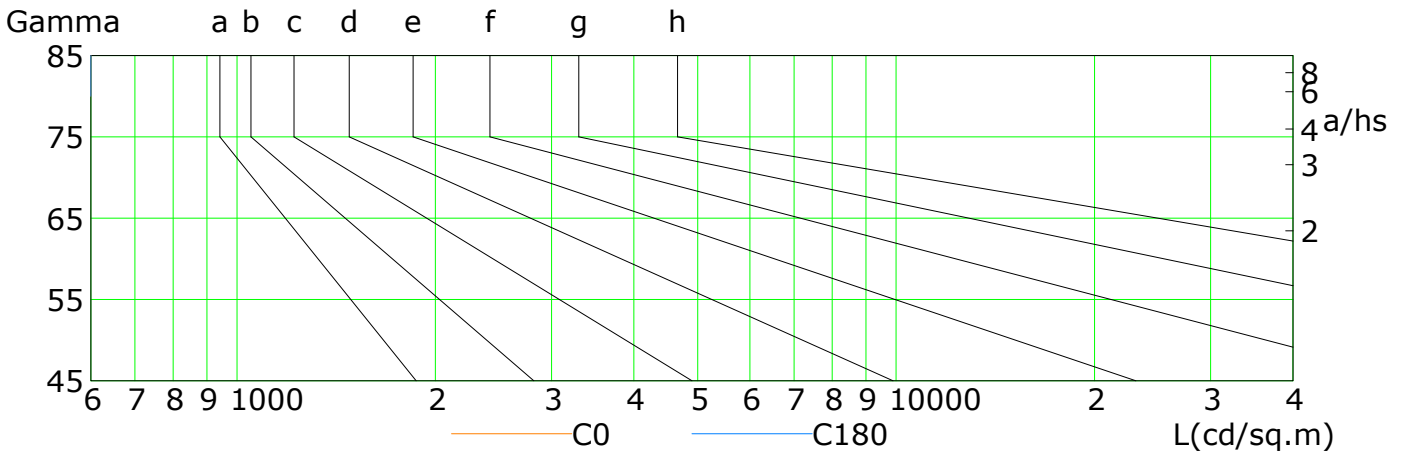
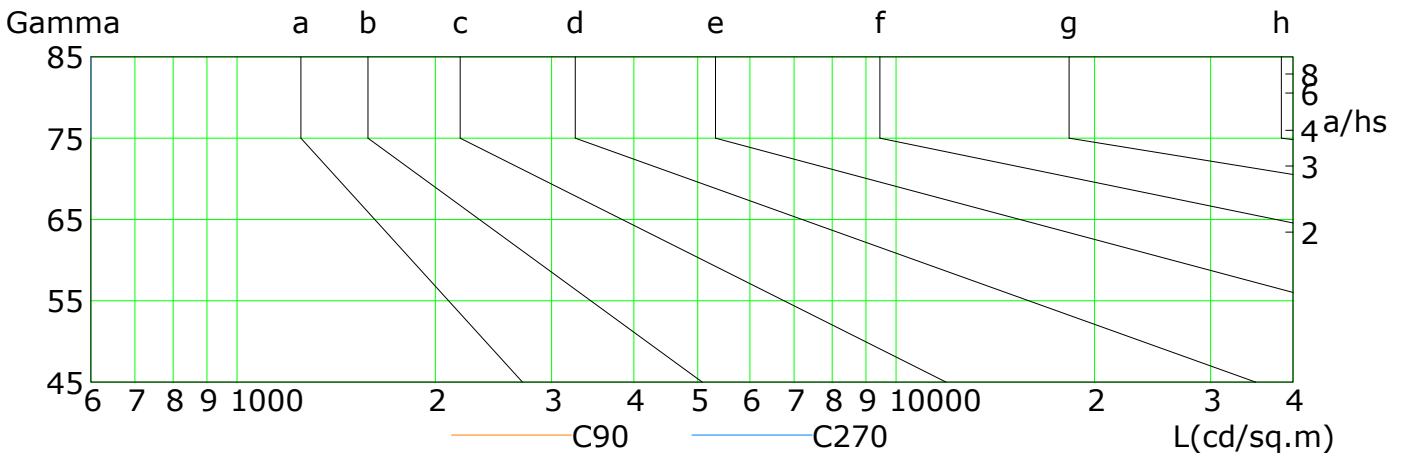
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)								
		2000	1000	500	<=300					
1.15	A									
1.50	B									
1.85	C									
2.20	D									
2.55	E									

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	24	14	7	5	3	2	1	0	0
C90	25	15	7	5	3	1	0	0	0
C180	25	16	8	6	4	2	1	0	0
C270	25	16	10	7	4	1	0	0	0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

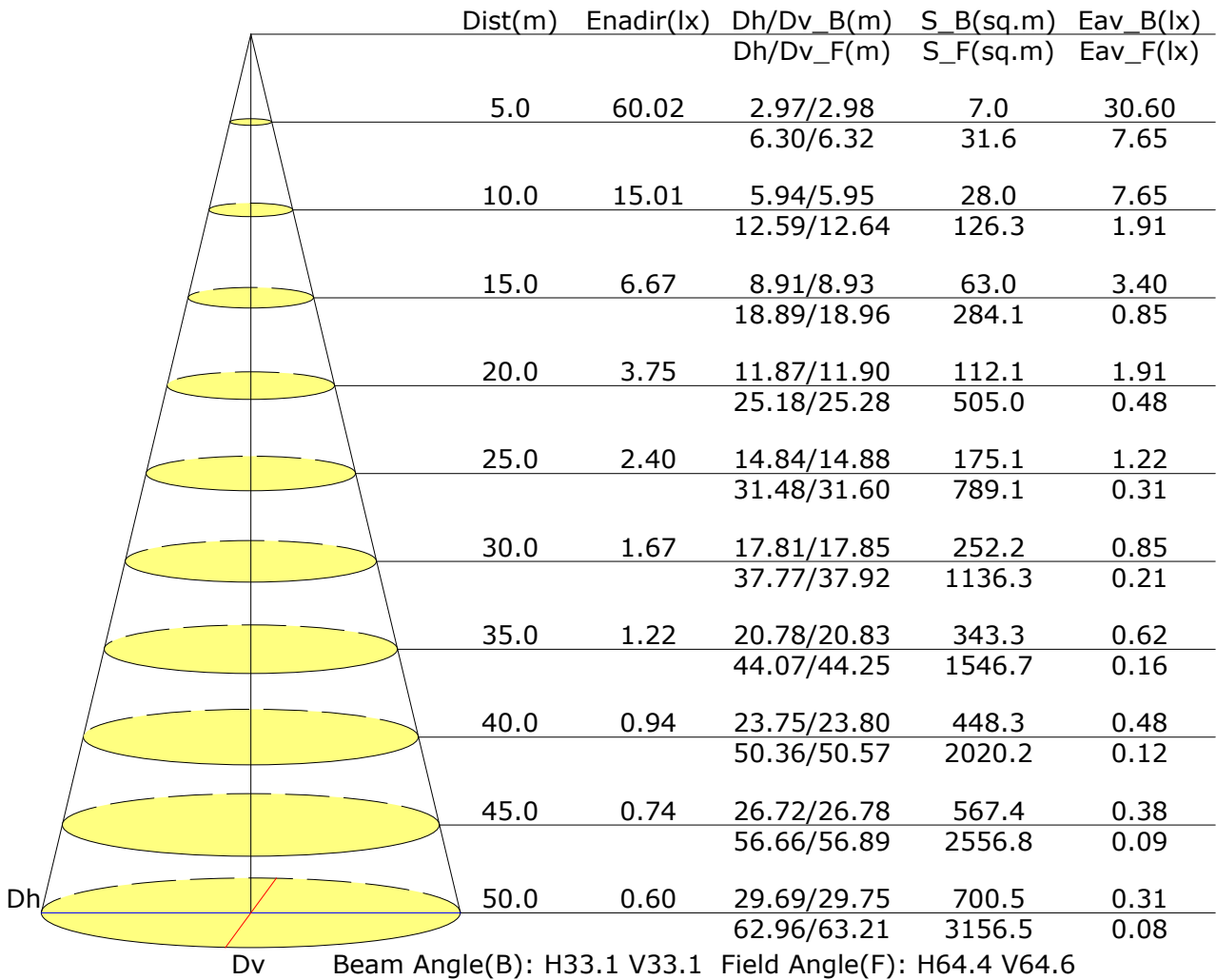
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

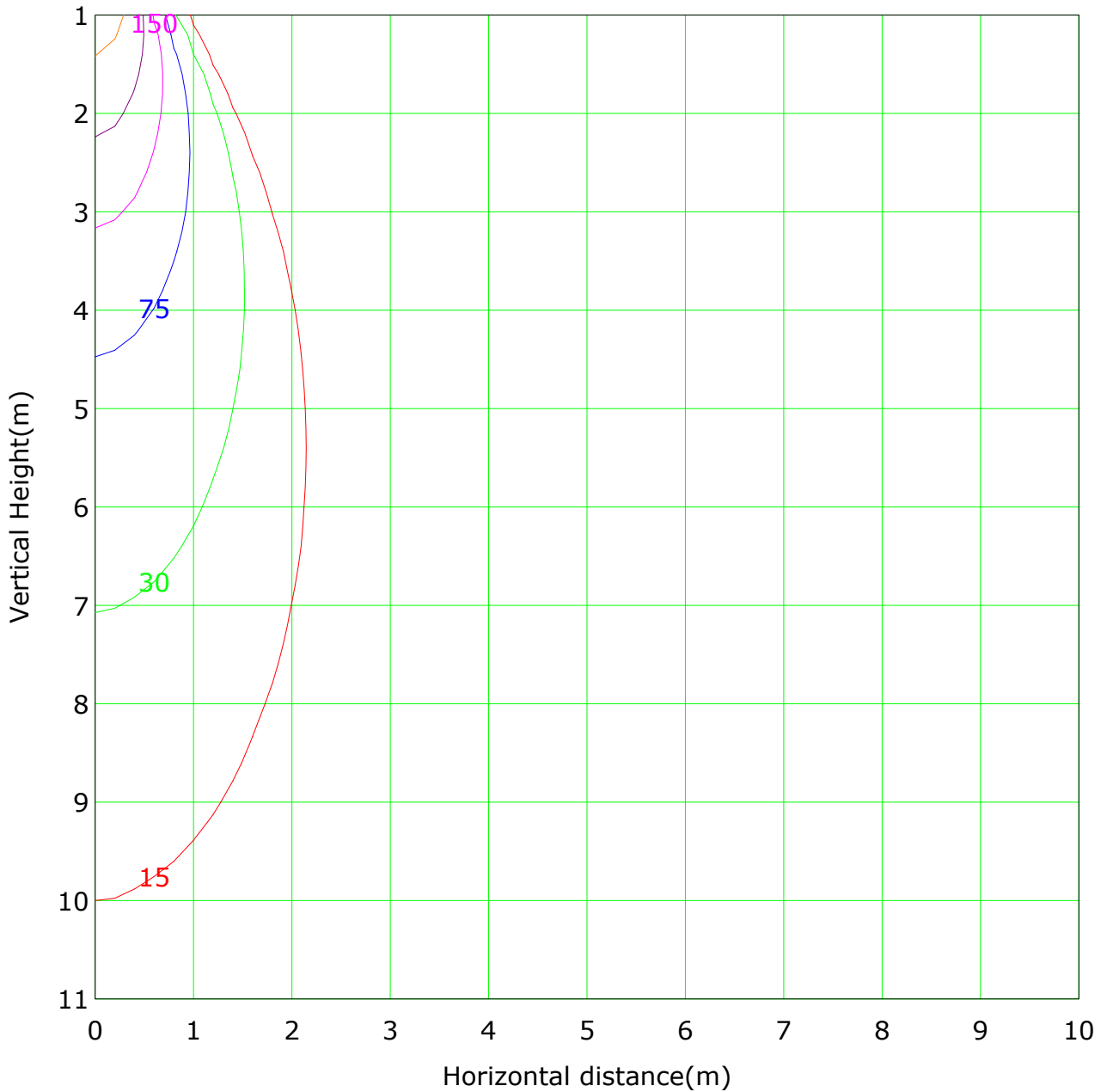
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 11.573 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1500.5 lx

- (1%): 15.0 lx
- (2%): 30.0 lx
- (5%): 75.0 lx
- (10%): 150.1 lx
- (20%): 300.1 lx
- (50%): 750.3 lx
- (100%):1500.5 lx

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Area Flux Table

Unit: lm

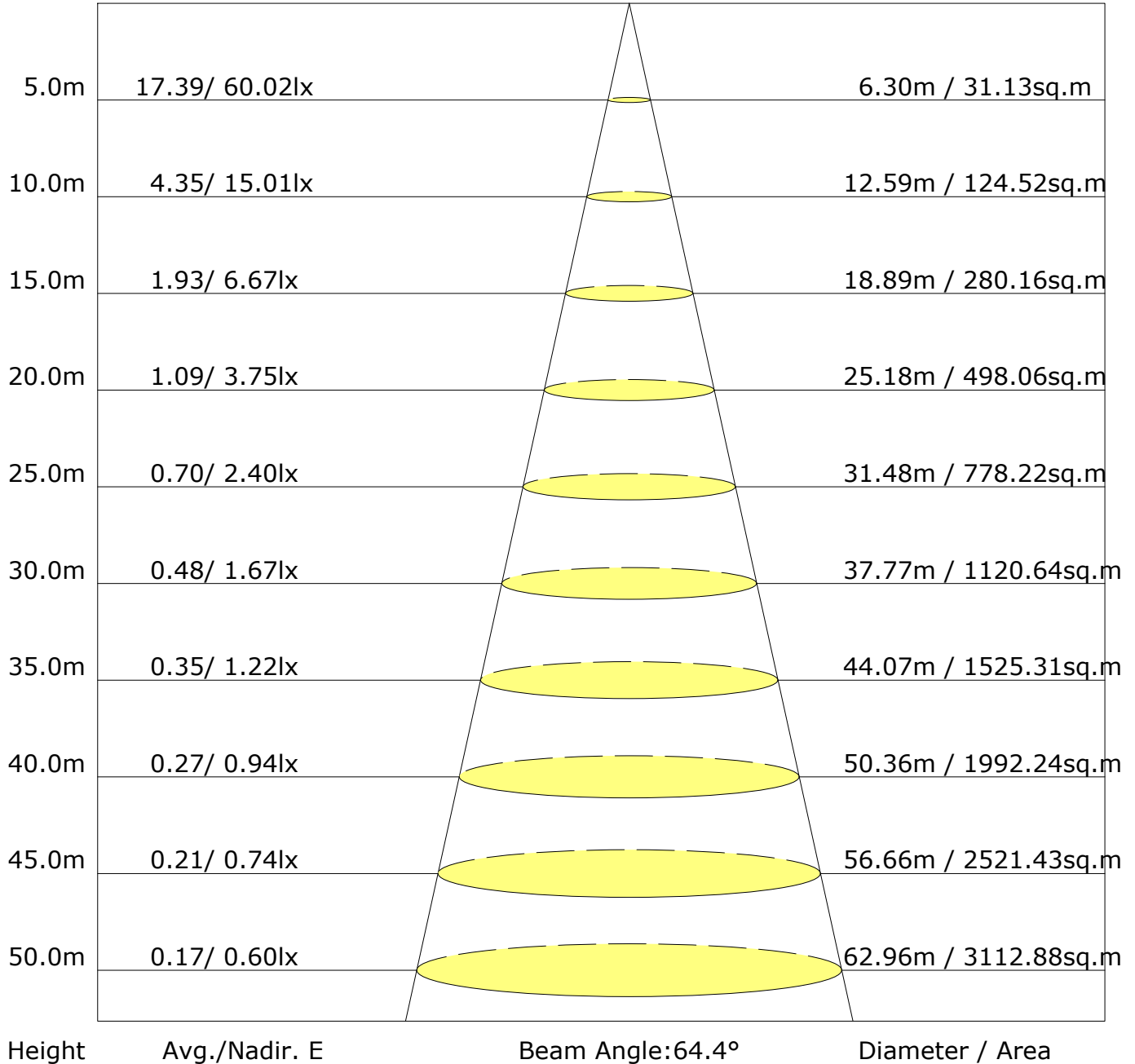
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Flux(E)	Flux(T)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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	0.0	0.1
-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	0.0	0.3
-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	0.0	1.1
-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	0.0	3.5
-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	1.5	11.7
-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	32.6	41.2
-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	88.8	95.6
-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	143.2	149.8
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2146.8	2153.6
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	92.6	99.9
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	35.4	43.9
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	1.8	12.7
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	0.0	3.6
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	0.0	1.1
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	0.0	0.3
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	0.0	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	0.0	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	0.0	0.0
																					Flux(E)	Flux(T)
																					543	618

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 541.46lm



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 626lm ($8\log(F/F_0) = -1.6$).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

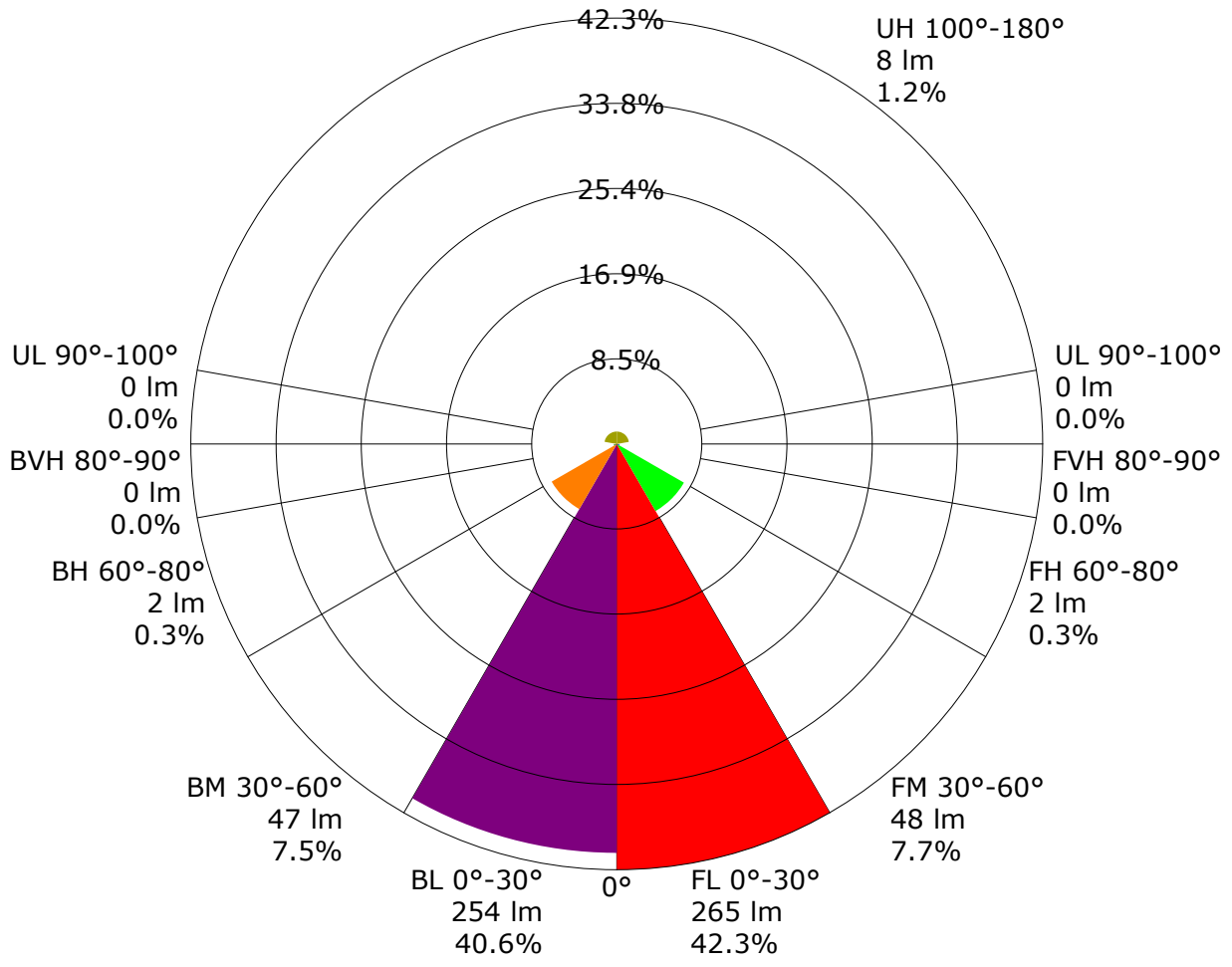
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	315	50.3
	FL (0°-30°)	265	42.3
	FM (30°-60°)	48	7.7
	FH (60°-80°)	2	0.3
	FVH (80°-90°)	0	0.0
	BACK LIGHT	303	48.4
	BL (0°-30°)	254	40.6
	BM (30°-60°)	47	7.5
	BH (60°-80°)	2	0.3
	BVH (80°-90°)	0	0.0
	UP LIGHT	8	1.2
	UL (90°-100°)	0	0.0
	UH (100°-180°)	8	1.2
	TRAPPED 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

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	0.90	0.96	0.99	1.02	1.05	1.08	1.09	1.11	1.12	
	0.30		0.86	0.92	0.96	0.98	1.02	1.05	1.07	1.09	1.11	
	0.20		0.83	0.89	0.93	0.96	1.00	1.02	1.04	1.07	1.09	
0.50	0.50	0.20	0.89	0.94	0.97	0.99	1.02	1.04	1.05	1.07	1.08	
	0.30		0.85	0.91	0.94	0.96	1.00	1.02	1.03	1.05	1.07	
	0.20		0.83	0.88	0.92	0.94	0.98	1.00	1.02	1.04	1.05	
0.30	0.50	0.20	0.88	0.92	0.95	0.97	0.99	1.01	1.02	1.03	1.04	
	0.30		0.85	0.89	0.93	0.95	0.97	0.99	1.00	1.02	1.03	
	0.20		0.82	0.87	0.90	0.93	0.96	0.98	0.99	1.01	1.02	
0.00	0.00	0.00	0.81	0.85	0.88	0.90	0.93	0.94	0.95	0.96	0.97	
<p>Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

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	0.51	0.41	0.35	0.30	0.24	0.20	0.17	0.13	0.11	
	0.30		0.43	0.35	0.30	0.27	0.21	0.18	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.20	0.17	0.14	0.11	0.10	
0.50	0.50	0.20	0.48	0.39	0.32	0.28	0.22	0.22	0.15	0.12	0.09	
	0.30		0.41	0.33	0.28	0.25	0.20	0.17	0.14	0.11	0.09	
	0.20		0.35	0.30	0.26	0.22	0.18	0.15	0.13	0.10	0.09	
0.30	0.50	0.20	0.46	0.36	0.30	0.26	0.20	0.16	0.14	0.10	0.09	
	0.30		0.39	0.32	0.27	0.23	0.18	0.15	0.13	0.10	0.08	
	0.20		0.34	0.28	0.24	0.21	0.17	0.14	0.12	0.10	0.08	
0.00	0.00	0.00	0.20	0.15	0.12	0.10	0.08	0.06	0.05	0.04	0.03	
<p>Rating:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	0.16	0.17	0.19	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.13	0.15	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	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:7W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1480.5	1.4	1.4	0.23	0.23
1.0-2.0	1470.7	4.2	5.6	0.67	0.90
2.0-3.0	1450.6	6.9	12.6	1.11	2.01
3.0-4.0	1422.6	9.5	22.1	1.52	3.53
4.0-5.0	1386.7	11.9	34.0	1.90	5.43
5.0-6.0	1344.3	14.1	48.2	2.26	7.69
6.0-7.0	1297.0	16.1	64.3	2.57	10.26
7.0-8.0	1247.9	17.9	82.1	2.85	13.11
8.0-9.0	1196.7	19.4	101.5	3.10	16.21
9.0-10.0	1142.0	20.7	122.2	3.30	19.51
10.0-11.0	1085.8	21.7	143.9	3.46	22.97
11.0-12.0	1029.1	22.5	166.4	3.59	26.57
12.0-13.0	971.9	23.1	189.5	3.68	30.25
13.0-14.0	914.4	23.4	212.9	3.74	33.99
14.0-15.0	858.3	23.6	236.4	3.76	37.75
15.0-16.0	803.7	23.6	260.0	3.76	41.51
16.0-17.0	749.5	23.3	283.3	3.73	45.24
17.0-18.0	697.2	23.0	306.3	3.67	48.91
18.0-19.0	647.2	22.5	328.8	3.60	52.50
19.0-20.0	598.7	21.9	350.8	3.50	56.00
20.0-21.0	552.2	21.2	372.0	3.39	59.39
21.0-22.0	508.1	20.4	392.4	3.26	62.65
22.0-23.0	465.3	19.5	411.9	3.12	65.76
23.0-24.0	424.5	18.6	430.5	2.96	68.73
24.0-25.0	386.5	17.6	448.0	2.81	71.53
25.0-26.0	349.8	16.5	464.6	2.64	74.17
26.0-27.0	314.2	15.4	479.9	2.45	76.62
27.0-28.0	281.1	14.2	494.2	2.27	78.90
28.0-29.0	250.2	13.1	507.3	2.09	80.99
29.0-30.0	221.0	11.9	519.2	1.90	82.89
30.0-31.0	194.1	10.8	530.0	1.72	84.62
31.0-32.0	169.6	9.7	539.7	1.55	86.17
32.0-33.0	147.1	8.7	548.4	1.38	87.55
33.0-34.0	127.0	7.7	556.1	1.23	88.78
34.0-35.0	109.1	6.8	562.8	1.08	89.86
35.0-36.0	93.1	5.9	568.8	0.95	90.81

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	79.3	5.2	573.9	0.83	91.63
37.0-38.0	67.8	4.5	578.5	0.72	92.36
38.0-39.0	58.0	4.0	582.4	0.63	92.99
39.0-40.0	49.6	3.5	585.9	0.55	93.54
40.0-41.0	42.9	3.1	588.9	0.49	94.03
41.0-42.0	37.6	2.7	591.7	0.44	94.46
42.0-43.0	33.1	2.5	594.1	0.39	94.86
43.0-44.0	29.4	2.2	596.3	0.35	95.21
44.0-45.0	26.4	2.0	598.4	0.32	95.54
45.0-46.0	23.9	1.9	600.2	0.30	95.83
46.0-47.0	21.7	1.7	602.0	0.28	96.11
47.0-48.0	19.8	1.6	603.6	0.26	96.36
48.0-49.0	18.1	1.5	605.0	0.24	96.60
49.0-50.0	16.5	1.4	606.4	0.22	96.82
50.0-51.0	14.8	1.3	607.7	0.20	97.02
51.0-52.0	13.1	1.1	608.8	0.18	97.20
52.0-53.0	11.4	1.0	609.8	0.16	97.36
53.0-54.0	9.9	0.9	610.7	0.14	97.50
54.0-55.0	8.7	0.8	611.4	0.12	97.62
55.0-56.0	7.7	0.7	612.1	0.11	97.73
56.0-57.0	7.1	0.6	612.8	0.10	97.84
57.0-58.0	6.6	0.6	613.4	0.10	97.93
58.0-59.0	6.2	0.6	614.0	0.09	98.03
59.0-60.0	5.8	0.6	614.5	0.09	98.11
60.0-61.0	5.5	0.5	615.1	0.08	98.20
61.0-62.0	5.1	0.5	615.6	0.08	98.28
62.0-63.0	4.7	0.5	616.0	0.07	98.35
63.0-64.0	4.2	0.4	616.4	0.07	98.41
64.0-65.0	3.6	0.4	616.8	0.06	98.47
65.0-66.0	3.1	0.3	617.1	0.05	98.52
66.0-67.0	2.6	0.3	617.3	0.04	98.56
67.0-68.0	2.1	0.2	617.5	0.03	98.60
68.0-69.0	1.8	0.2	617.7	0.03	98.62
69.0-70.0	1.6	0.2	617.9	0.03	98.65
70.0-71.0	1.4	0.1	618.0	0.02	98.67
71.0-72.0	1.3	0.1	618.2	0.02	98.70

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1.1	0.1	618.3	0.02	98.71
73.0-74.0	1.0	0.1	618.4	0.02	98.73
74.0-75.0	0.8	0.1	618.5	0.01	98.74
75.0-76.0	0.6	0.1	618.5	0.01	98.75
76.0-77.0	0.3	0.0	618.6	0.01	98.76
77.0-78.0	0.1	0.0	618.6	0.00	98.76
78.0-79.0	0.0	0.0	618.6	0.00	98.76
79.0-80.0	0.0	0.0	618.6	0.00	98.76
80.0-81.0	0.0	0.0	618.6	0.00	98.76
81.0-82.0	0.0	0.0	618.6	0.00	98.76
82.0-83.0	0.0	0.0	618.6	0.00	98.76
83.0-84.0	0.0	0.0	618.6	0.00	98.76
84.0-85.0	0.0	0.0	618.6	0.00	98.76
85.0-86.0	0.0	0.0	618.6	0.00	98.76
86.0-87.0	0.0	0.0	618.6	0.00	98.76
87.0-88.0	0.0	0.0	618.6	0.00	98.76
88.0-89.0	0.0	0.0	618.6	0.00	98.76
89.0-90.0	0.0	0.0	618.6	0.00	98.76
90.0-91.0	0.0	0.0	618.6	0.00	98.76
91.0-92.0	0.0	0.0	618.6	0.00	98.76
92.0-93.0	0.0	0.0	618.6	0.00	98.76
93.0-94.0	0.0	0.0	618.6	0.00	98.76
94.0-95.0	0.0	0.0	618.6	0.00	98.76
95.0-96.0	0.0	0.0	618.6	0.00	98.76
96.0-97.0	0.0	0.0	618.6	0.00	98.76
97.0-98.0	0.0	0.0	618.6	0.00	98.76
98.0-99.0	0.0	0.0	618.6	0.00	98.76
99.0-100.0	0.0	0.0	618.6	0.00	98.76
100.0-101.0	0.0	0.0	618.6	0.00	98.76
101.0-102.0	0.1	0.0	618.6	0.00	98.77
102.0-103.0	0.1	0.0	618.6	0.00	98.77
103.0-104.0	0.1	0.0	618.6	0.00	98.77
104.0-105.0	0.1	0.0	618.6	0.00	98.77
105.0-106.0	0.1	0.0	618.7	0.00	98.77
106.0-107.0	0.1	0.0	618.7	0.00	98.77
107.0-108.0	0.1	0.0	618.7	0.00	98.78

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.2	0.0	618.7	0.00	98.78
109.0-110.0	0.2	0.0	618.7	0.00	98.78
110.0-111.0	0.1	0.0	618.7	0.00	98.78
111.0-112.0	0.1	0.0	618.7	0.00	98.79
112.0-113.0	0.1	0.0	618.8	0.00	98.79
113.0-114.0	0.1	0.0	618.8	0.00	98.79
114.0-115.0	0.1	0.0	618.8	0.00	98.79
115.0-116.0	0.1	0.0	618.8	0.00	98.79
116.0-117.0	0.1	0.0	618.8	0.00	98.79
117.0-118.0	0.1	0.0	618.8	0.00	98.80
118.0-119.0	0.1	0.0	618.8	0.00	98.80
119.0-120.0	0.1	0.0	618.8	0.00	98.80
120.0-121.0	0.1	0.0	618.8	0.00	98.80
121.0-122.0	0.1	0.0	618.8	0.00	98.80
122.0-123.0	0.1	0.0	618.8	0.00	98.80
123.0-124.0	0.1	0.0	618.8	0.00	98.80
124.0-125.0	0.2	0.0	618.9	0.00	98.81
125.0-126.0	0.2	0.0	618.9	0.00	98.81
126.0-127.0	0.4	0.0	618.9	0.01	98.81
127.0-128.0	0.6	0.1	619.0	0.01	98.82
128.0-129.0	0.7	0.1	619.0	0.01	98.83
129.0-130.0	0.8	0.1	619.1	0.01	98.84
130.0-131.0	0.9	0.1	619.2	0.01	98.85
131.0-132.0	1.1	0.1	619.3	0.01	98.87
132.0-133.0	1.2	0.1	619.4	0.02	98.88
133.0-134.0	1.3	0.1	619.5	0.02	98.90
134.0-135.0	1.4	0.1	619.6	0.02	98.92
135.0-136.0	1.5	0.1	619.7	0.02	98.94
136.0-137.0	1.7	0.1	619.8	0.02	98.96
137.0-138.0	1.8	0.1	619.9	0.02	98.98
138.0-139.0	2.0	0.1	620.1	0.02	99.00
139.0-140.0	2.1	0.2	620.2	0.02	99.03
140.0-141.0	2.2	0.2	620.4	0.02	99.05
141.0-142.0	2.4	0.2	620.6	0.03	99.08
142.0-143.0	2.5	0.2	620.7	0.03	99.10
143.0-144.0	2.7	0.2	620.9	0.03	99.13

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.8	0.2	621.1	0.03	99.16
145.0-146.0	3.0	0.2	621.3	0.03	99.19
146.0-147.0	3.1	0.2	621.5	0.03	99.22
147.0-148.0	3.3	0.2	621.7	0.03	99.25
148.0-149.0	3.5	0.2	621.9	0.03	99.28
149.0-150.0	3.7	0.2	622.1	0.03	99.32
150.0-151.0	3.8	0.2	622.3	0.03	99.35
151.0-152.0	4.0	0.2	622.5	0.03	99.38
152.0-153.0	4.2	0.2	622.7	0.03	99.42
153.0-154.0	4.3	0.2	622.9	0.03	99.45
154.0-155.0	4.5	0.2	623.1	0.03	99.48
155.0-156.0	4.6	0.2	623.3	0.03	99.52
156.0-157.0	4.7	0.2	623.5	0.03	99.55
157.0-158.0	4.9	0.2	623.7	0.03	99.58
158.0-159.0	5.1	0.2	623.9	0.03	99.61
159.0-160.0	5.2	0.2	624.1	0.03	99.65
160.0-161.0	5.3	0.2	624.3	0.03	99.68
161.0-162.0	5.4	0.2	624.5	0.03	99.71
162.0-163.0	5.5	0.2	624.7	0.03	99.74
163.0-164.0	5.7	0.2	624.9	0.03	99.77
164.0-165.0	5.7	0.2	625.0	0.03	99.79
165.0-166.0	5.8	0.2	625.2	0.03	99.82
166.0-167.0	5.9	0.2	625.3	0.02	99.84
167.0-168.0	5.9	0.1	625.5	0.02	99.86
168.0-169.0	6.0	0.1	625.6	0.02	99.88
169.0-170.0	6.1	0.1	625.7	0.02	99.90
170.0-171.0	6.2	0.1	625.9	0.02	99.92
171.0-172.0	6.2	0.1	626.0	0.02	99.94
172.0-173.0	6.2	0.1	626.0	0.01	99.95
173.0-174.0	6.3	0.1	626.1	0.01	99.97
174.0-175.0	6.3	0.1	626.2	0.01	99.98
175.0-176.0	6.3	0.1	626.2	0.01	99.98
176.0-177.0	6.4	0.0	626.3	0.01	99.99
177.0-178.0	6.4	0.0	626.3	0.00	100.00
178.0-179.0	6.4	0.0	626.3	0.00	100.00
179.0-180.0	6.4	0.0	626.3	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	1500.5	1497.4	1480.6	1473.5	1468.4	1471.7	1500.5	1497.4	1480.6	1473.5
G1.0	1497.0	1487.4	1473.5	1455.6	1450.0	1441.0	1500.3	1499.5	1482.2	1484.9
G2.0	1476.2	1463.1	1448.7	1431.2	1417.6	1409.4	1483.1	1492.0	1467.9	1479.4
G3.0	1449.0	1433.8	1420.3	1397.4	1382.6	1373.4	1457.8	1472.8	1453.1	1462.3
G4.0	1419.0	1401.4	1377.4	1352.9	1333.8	1330.9	1428.5	1439.1	1418.2	1441.0
G5.0	1384.9	1361.6	1336.2	1305.2	1290.3	1277.2	1390.2	1407.5	1378.7	1403.5
G6.0	1340.6	1313.3	1281.6	1250.4	1236.4	1222.3	1340.0	1364.5	1340.3	1367.9
G7.0	1294.4	1265.7	1232.7	1200.8	1181.4	1171.7	1281.8	1307.0	1301.4	1324.6
G8.0	1246.4	1217.8	1184.0	1151.2	1125.1	1115.9	1227.6	1253.6	1251.7	1285.8
G9.0	1190.1	1165.8	1124.1	1090.4	1066.2	1058.2	1174.2	1204.9	1202.5	1232.8
G10.0	1137.7	1108.8	1062.1	1035.8	1006.6	998.7	1117.2	1146.1	1145.9	1181.6
G11.0	1071.4	1051.6	1007.3	982.0	951.3	944.3	1056.5	1080.0	1097.8	1132.3
G12.0	1013.8	990.6	950.9	919.8	894.3	893.1	989.4	1026.7	1043.2	1079.2
G13.0	961.2	938.1	893.8	855.9	836.5	835.5	933.4	963.9	987.7	1023.6
G14.0	904.0	880.2	829.5	799.8	787.6	785.9	876.2	906.3	930.5	958.9
G15.0	846.8	826.5	773.2	747.4	737.1	735.1	821.2	849.1	877.5	907.4
G16.0	789.0	766.0	718.4	694.9	680.5	689.9	769.2	787.5	828.2	852.4
G17.0	737.6	718.0	666.0	644.7	630.6	641.5	709.0	732.3	780.9	797.9
G18.0	684.4	665.9	613.4	597.6	584.9	598.8	659.8	680.4	728.7	744.7
G19.0	634.9	619.2	560.6	543.9	541.7	554.8	611.9	630.9	686.3	692.0
G20.0	579.7	569.5	512.1	499.4	496.3	515.1	567.3	576.8	641.2	646.6
G21.0	534.2	526.0	467.4	457.8	457.7	477.2	518.1	529.3	600.9	601.3
G22.0	491.9	486.6	423.2	411.9	417.5	436.1	478.6	484.8	560.0	555.9
G23.0	448.1	447.0	376.5	372.7	379.0	401.1	438.0	444.2	518.9	509.6
G24.0	405.6	405.5	338.8	335.3	343.0	367.8	399.8	403.7	479.9	470.3
G25.0	368.3	370.1	303.2	301.6	309.2	335.1	365.0	361.6	444.6	432.6
G26.0	332.6	335.0	270.4	264.6	278.0	300.6	325.5	326.0	407.9	395.5
G27.0	299.8	300.7	237.1	235.4	249.0	269.1	292.2	292.0	370.0	354.6
G28.0	267.0	270.6	208.6	206.7	217.9	240.2	261.7	261.2	335.7	321.1
G29.0	234.2	237.8	183.1	181.8	191.6	212.4	232.3	228.4	302.9	288.3
G30.0	207.3	210.4	161.3	156.7	167.2	183.6	201.4	200.4	268.9	257.6
G31.0	180.8	184.6	139.5	136.7	145.4	160.1	177.0	175.3	240.4	227.3
G32.0	155.4	160.2	122.2	118.7	123.1	139.0	153.1	151.9	212.1	199.8
G33.0	133.5	136.4	106.9	103.1	105.5	119.8	131.7	128.9	187.3	175.4
G34.0	114.7	117.2	93.5	89.6	89.9	102.1	111.1	110.2	163.9	152.3
G35.0	97.5	99.8	81.3	76.2	76.1	85.9	94.3	94.9	142.2	131.3
G36.0	81.8	83.6	72.0	66.3	63.8	72.4	80.2	81.2	121.3	109.9

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	69.2	70.1	64.4	58.6	54.1	60.9	68.8	70.2	102.9	92.8
G38.0	58.5	59.3	58.3	51.8	46.4	51.1	58.7	60.7	87.1	77.6
G39.0	49.7	49.8	52.5	45.8	39.6	42.4	49.7	52.5	72.4	64.2
G40.0	42.6	42.0	47.4	41.3	34.7	36.0	42.9	46.9	59.0	52.4
G41.0	36.3	35.7	43.0	37.3	31.3	31.0	38.2	41.9	48.9	43.8
G42.0	32.2	30.3	39.0	33.9	28.2	27.2	33.7	37.0	40.8	36.9
G43.0	28.7	26.5	35.5	30.5	25.4	23.8	30.4	33.6	33.7	31.2
G44.0	25.8	23.4	31.7	27.8	23.1	21.5	27.4	30.3	29.0	27.7
G45.0	23.5	21.0	28.9	25.0	21.1	19.7	25.1	27.4	25.3	24.7
G46.0	21.2	19.0	26.3	22.9	19.0	18.0	22.9	24.3	22.6	22.5
G47.0	19.1	17.4	23.6	20.5	17.5	16.9	20.8	22.1	20.8	20.5
G48.0	17.3	15.8	21.3	18.6	16.0	15.5	19.0	20.4	19.4	18.9
G49.0	15.6	14.5	19.2	16.8	14.6	14.3	17.5	18.5	18.0	17.4
G50.0	14.0	13.1	16.9	14.9	13.3	12.6	15.9	16.7	17.2	16.1
G51.0	11.9	11.7	14.3	12.6	11.6	11.1	14.1	15.1	16.4	14.9
G52.0	10.2	10.1	11.1	10.2	9.5	9.9	12.6	13.3	15.6	13.9
G53.0	9.0	9.1	8.8	8.5	8.3	8.9	10.8	11.7	14.6	12.5
G54.0	7.9	8.5	7.6	7.3	7.3	8.0	8.8	9.2	13.6	11.2
G55.0	7.1	8.1	6.4	6.7	6.9	7.4	7.6	7.2	12.6	9.8
G56.0	6.5	7.8	5.6	6.1	6.6	7.2	6.8	6.3	11.6	8.8
G57.0	6.1	7.5	5.1	5.6	6.2	6.8	6.4	5.8	10.7	8.5
G58.0	5.7	7.2	4.6	5.3	6.1	6.4	6.0	5.4	9.7	8.1
G59.0	5.6	6.8	4.2	4.8	6.0	6.1	5.8	5.2	8.9	7.6
G60.0	5.4	6.3	3.9	4.8	5.6	5.9	5.7	5.1	8.4	7.2
G61.0	5.0	5.9	3.7	4.3	5.2	5.8	5.4	4.7	7.8	6.7
G62.0	4.8	5.2	3.5	4.0	4.6	4.8	5.1	4.6	7.0	6.0
G63.0	4.5	4.3	3.3	3.7	3.9	4.0	4.7	4.2	6.1	5.4
G64.0	4.1	3.7	3.0	3.2	3.3	3.3	4.2	3.8	5.2	5.0
G65.0	3.3	3.0	2.5	2.8	2.7	2.6	3.7	3.4	4.1	4.2
G66.0	2.8	2.3	2.3	2.3	2.2	2.2	3.0	2.9	3.2	3.4
G67.0	2.3	1.8	1.9	2.0	1.8	1.8	2.4	2.2	2.4	2.7
G68.0	1.6	1.4	1.6	1.5	1.6	1.7	1.8	1.7	1.8	2.1
G69.0	1.6	1.4	1.6	1.5	1.5	1.8	1.6	1.6	1.4	1.6
G70.0	1.5	1.3	1.5	1.3	1.6	1.6	1.5	1.4	1.3	1.3
G71.0	1.3	1.0	1.3	1.3	1.4	1.5	1.4	1.4	1.3	1.1
G72.0	1.2	1.1	1.0	1.3	1.4	1.4	1.4	1.2	1.2	1.1
G73.0	1.2	0.0	1.2	1.0	1.0	1.3	1.6	1.1	0.0	1.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	1.2	0.0	0.0	1.1	1.1	1.5	1.3	1.2	1.1	0.0
G75.0	1.0	0.0	0.0	0.0	1.1	1.3	1.3	0.0	1.1	0.0
G76.0	1.0	0.0	0.0	0.0	1.0	0.0	1.2	0.0	0.0	0.0
G77.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G83.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	1.0	0.0	1.1	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G/C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
G125.0	0.0	1.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	1.0	1.0	1.5	0.0	0.0	0.0	0.0
G127.0	0.0	1.0	0.0	1.1	1.1	1.6	0.0	0.0	0.0	0.0
G128.0	0.0	1.1	1.0	1.1	1.3	1.6	0.0	1.0	0.0	0.0
G129.0	0.0	1.1	1.1	1.1	1.1	1.6	0.0	1.0	0.0	0.0
G130.0	0.0	1.2	1.2	1.3	1.3	1.6	1.0	0.0	0.0	0.0
G131.0	0.0	1.4	1.3	1.4	1.4	1.8	1.2	1.2	0.0	0.0
G132.0	1.0	1.4	1.3	1.3	1.5	1.7	1.2	1.1	1.2	0.0
G133.0	1.2	1.5	1.4	1.4	1.7	1.8	1.3	1.4	1.1	0.0
G134.0	1.3	1.5	1.5	1.5	1.7	1.9	1.4	1.5	1.1	0.0
G135.0	1.3	1.7	1.6	1.7	1.9	1.9	1.4	1.6	1.3	0.0
G136.0	1.5	1.8	1.7	1.8	1.9	2.1	1.5	1.7	1.4	1.2
G137.0	1.5	1.8	1.9	2.0	2.1	2.2	1.7	1.9	1.4	1.2
G138.0	1.7	2.1	2.2	2.0	2.2	2.2	1.7	1.8	1.8	1.4
G139.0	1.9	2.3	2.2	2.5	2.4	2.5	1.9	2.0	1.7	1.5
G140.0	2.1	2.4	2.4	2.4	2.6	2.7	2.0	2.2	1.6	1.5
G141.0	2.2	2.6	2.5	2.7	2.8	2.6	2.2	2.1	1.8	1.8
G142.0	2.2	2.7	2.5	2.8	3.0	2.7	2.4	2.4	2.0	2.0
G143.0	2.4	2.8	2.7	3.0	3.1	2.8	2.5	2.4	2.2	2.2
G144.0	2.8	2.8	3.0	3.1	3.1	2.9	2.8	2.5	2.3	2.4
G145.0	2.9	2.9	3.1	3.2	3.4	3.0	2.8	2.8	2.5	2.4
G146.0	3.2	3.1	3.2	3.4	3.5	3.2	3.0	3.0	2.6	2.6
G147.0	3.3	3.4	3.4	3.6	3.7	3.5	3.2	3.1	2.7	2.8

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G/C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	3.5	3.3	3.6	3.9	4.0	3.7	3.4	3.4	2.8	3.0
G149.0	3.7	3.7	3.7	4.2	4.3	4.0	3.6	3.3	2.9	3.0
G150.0	3.9	3.8	3.9	4.0	4.3	4.2	3.7	3.6	3.1	3.2
G151.0	4.0	4.0	4.1	4.3	4.3	4.1	3.8	4.1	3.4	3.5
G152.0	4.2	4.1	4.2	4.4	4.7	4.3	4.1	4.2	3.5	3.7
G153.0	4.4	4.2	4.5	4.5	4.7	4.4	4.2	4.2	3.8	3.8
G154.0	4.6	4.6	4.7	4.8	4.8	4.6	4.4	4.2	3.9	3.9
G155.0	4.8	4.7	4.8	5.1	5.1	4.6	4.6	4.5	4.0	4.0
G156.0	4.9	4.9	5.0	5.0	5.2	4.7	4.8	4.6	4.2	4.1
G157.0	4.8	4.9	5.0	5.2	5.2	4.8	4.9	4.7	4.4	4.3
G158.0	5.0	5.2	5.3	5.3	5.4	5.0	5.1	4.9	4.6	4.3
G159.0	5.2	5.3	5.3	5.4	5.6	5.2	5.2	5.1	4.7	4.5
G160.0	5.2	5.4	5.3	5.5	5.7	5.2	5.2	5.5	5.0	4.6
G161.0	5.4	5.6	5.5	5.6	5.8	5.3	5.3	5.5	5.2	4.8
G162.0	5.7	5.6	5.5	5.8	5.8	5.3	5.4	5.5	5.4	4.8
G163.0	5.8	5.5	5.8	5.9	6.0	5.5	5.7	5.8	5.3	5.1
G164.0	6.0	5.6	5.9	5.9	6.3	5.5	5.7	5.6	5.4	5.3
G165.0	5.8	5.8	5.8	5.9	6.2	5.5	5.8	5.8	5.5	5.4
G166.0	6.1	5.8	5.8	5.9	6.3	5.7	5.8	6.1	5.7	5.4
G167.0	6.0	5.8	5.8	6.1	6.4	5.6	5.9	5.9	5.8	5.4
G168.0	6.0	5.9	5.9	6.1	6.4	5.7	6.1	5.9	5.7	5.6
G169.0	6.3	5.9	5.9	6.1	6.6	5.9	6.0	6.3	5.9	5.8
G170.0	6.5	6.2	6.0	6.1	6.4	5.8	6.2	6.2	5.9	5.8
G171.0	6.2	6.3	6.2	6.1	6.7	5.8	6.4	6.4	6.1	5.9
G172.0	6.3	6.2	6.0	6.2	6.6	5.9	6.5	6.4	6.1	5.9
G173.0	6.4	6.3	6.2	6.2	6.6	5.8	6.5	6.3	6.0	5.9
G174.0	6.5	6.3	6.1	6.3	6.6	5.9	6.6	6.5	6.2	6.0
G175.0	6.5	6.5	6.1	6.3	6.6	5.8	6.5	6.4	6.2	6.0
G176.0	6.6	6.3	6.1	6.6	6.7	5.9	6.3	6.5	6.3	6.1
G177.0	6.7	6.4	6.4	6.6	6.8	5.9	6.4	6.5	6.4	6.0
G178.0	6.6	6.4	6.1	6.5	6.6	5.8	6.6	6.5	6.6	6.1
G179.0	6.3	6.3	6.2	6.6	6.4	6.3	6.7	6.3	6.5	6.0
G180.0	6.3	6.6	6.4	6.5	6.5	6.5	6.7	6.4	6.5	6.2

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1468.4	1471.7	1500.5							
G1.0	1487.1	1490.2	1497.0							
G2.0	1487.8	1490.8	1476.2							
G3.0	1478.7	1486.1	1449.0							
G4.0	1456.1	1477.3	1419.0							
G5.0	1429.0	1441.9	1384.9							
G6.0	1396.7	1403.6	1340.6							
G7.0	1347.0	1361.1	1294.4							
G8.0	1302.2	1319.2	1246.4							
G9.0	1257.6	1274.7	1190.1							
G10.0	1210.9	1216.3	1137.7							
G11.0	1153.8	1163.6	1071.4							
G12.0	1097.4	1108.4	1013.8							
G13.0	1037.2	1052.5	961.2							
G14.0	979.9	987.1	904.0							
G15.0	925.6	925.5	846.8							
G16.0	869.2	870.6	789.0							
G17.0	805.2	808.8	737.6							
G18.0	751.7	749.1	684.4							
G19.0	703.3	695.0	634.9							
G20.0	648.3	643.1	579.7							
G21.0	594.7	592.4	534.2							
G22.0	547.4	543.4	491.9							
G23.0	505.0	490.2	448.1							
G24.0	462.4	445.2	405.6							
G25.0	422.7	403.6	368.3							
G26.0	378.4	362.6	332.6							
G27.0	341.7	321.5	299.8							
G28.0	305.4	287.6	267.0							
G29.0	274.1	254.9	234.2							
G30.0	240.5	225.8	207.3							
G31.0	212.5	197.9	180.8							
G32.0	186.3	170.2	155.4							
G33.0	161.6	148.2	133.5							
G34.0	137.5	128.3	114.7							
G35.0	117.6	110.8	97.5							
G36.0	99.2	94.3	81.8							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0						
G37.0	83.8	81.4	69.2						
G38.0	70.8	71.2	58.5						
G39.0	58.5	62.5	49.7						
G40.0	50.2	55.1	42.6						
G41.0	43.4	49.3	36.3						
G42.0	38.0	44.4	32.2						
G43.0	33.3	40.3	28.7						
G44.0	29.5	36.6	25.8						
G45.0	26.6	32.6	23.5						
G46.0	23.8	29.6	21.2						
G47.0	21.4	27.0	19.1						
G48.0	19.5	24.9	17.3						
G49.0	17.8	23.0	15.6						
G50.0	16.3	21.1	14.0						
G51.0	14.7	19.3	11.9						
G52.0	13.1	17.1	10.2						
G53.0	11.5	13.9	9.0						
G54.0	9.5	11.9	7.9						
G55.0	8.0	9.9	7.1						
G56.0	7.2	7.8	6.5						
G57.0	6.6	6.3	6.1						
G58.0	6.0	5.6	5.7						
G59.0	5.8	5.1	5.6						
G60.0	5.5	4.6	5.4						
G61.0	5.2	4.3	5.0						
G62.0	4.9	4.3	4.8						
G63.0	4.8	4.1	4.5						
G64.0	4.4	4.0	4.1						
G65.0	4.2	3.8	3.3						
G66.0	3.8	3.5	2.8						
G67.0	3.1	3.2	2.3						
G68.0	2.3	2.8	1.6						
G69.0	1.9	2.5	1.6						
G70.0	1.7	1.8	1.5						
G71.0	1.5	1.6	1.3						
G72.0	1.5	1.6	1.2						
G73.0	1.4	1.5	1.2						

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	1.3	1.5	1.2							
G75.0	1.0	1.3	1.0							
G76.0	1.1	1.4	1.0							
G77.0	0.0	1.2	0.0							
G78.0	0.0	1.1	0.0							
G79.0	0.0	0.0	0.0							
G80.0	0.0	0.0	0.0							
G81.0	0.0	0.0	0.0							
G82.0	0.0	0.0	0.0							
G83.0	0.0	0.0	0.0							
G84.0	0.0	0.0	0.0							
G85.0	0.0	0.0	0.0							
G86.0	0.0	0.0	0.0							
G87.0	0.0	0.0	0.0							
G88.0	0.0	0.0	0.0							
G89.0	0.0	0.0	0.0							
G90.0	0.0	0.0	0.0							
G91.0	0.0	0.0	0.0							
G92.0	0.0	0.0	0.0							
G93.0	0.0	0.0	0.0							
G94.0	0.0	0.0	0.0							
G95.0	0.0	0.0	0.0							
G96.0	0.0	0.0	0.0							
G97.0	0.0	0.0	0.0							
G98.0	0.0	0.0	0.0							
G99.0	0.0	0.0	0.0							
G100.0	0.0	0.0	0.0							
G101.0	0.0	0.0	0.0							
G102.0	0.0	0.0	0.0							
G103.0	0.0	0.0	0.0							
G104.0	0.0	0.0	0.0							
G105.0	0.0	0.0	0.0							
G106.0	0.0	1.0	0.0							
G107.0	0.0	0.0	0.0							
G108.0	0.0	0.0	0.0							
G109.0	0.0	0.0	0.0							
G110.0	0.0	0.0	0.0							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	0.0	0.0	0.0							
G112.0	0.0	0.0	0.0							
G113.0	0.0	0.0	0.0							
G114.0	0.0	0.0	0.0							
G115.0	0.0	0.0	0.0							
G116.0	0.0	0.0	0.0							
G117.0	0.0	0.0	0.0							
G118.0	0.0	0.0	0.0							
G119.0	0.0	0.0	0.0							
G120.0	0.0	0.0	0.0							
G121.0	0.0	0.0	0.0							
G122.0	0.0	0.0	0.0							
G123.0	0.0	0.0	0.0							
G124.0	0.0	0.0	0.0							
G125.0	0.0	0.0	0.0							
G126.0	0.0	0.0	0.0							
G127.0	1.0	0.0	0.0							
G128.0	1.1	0.0	0.0							
G129.0	1.0	1.2	0.0							
G130.0	1.0	1.1	0.0							
G131.0	1.0	1.1	0.0							
G132.0	1.3	1.2	1.0							
G133.0	1.2	1.4	1.2							
G134.0	1.2	1.4	1.3							
G135.0	1.4	1.4	1.3							
G136.0	1.5	1.5	1.5							
G137.0	1.6	1.6	1.5							
G138.0	1.7	1.6	1.7							
G139.0	1.7	2.0	1.9							
G140.0	1.9	2.3	2.1							
G141.0	2.1	2.2	2.2							
G142.0	2.2	2.6	2.2							
G143.0	2.2	2.5	2.4							
G144.0	2.5	2.7	2.8							
G145.0	2.8	2.9	2.9							
G146.0	2.8	3.1	3.2							
G147.0	3.0	3.2	3.3							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	2.9	3.4	3.5							
G149.0	3.3	3.5	3.7							
G150.0	3.5	3.5	3.9							
G151.0	3.7	3.6	4.0							
G152.0	3.8	3.8	4.2							
G153.0	3.9	4.0	4.4							
G154.0	4.0	4.2	4.6							
G155.0	4.3	4.5	4.8							
G156.0	4.5	4.5	4.9							
G157.0	4.5	4.6	4.8							
G158.0	4.8	4.9	5.0							
G159.0	5.2	5.1	5.2							
G160.0	5.4	5.1	5.2							
G161.0	5.2	5.2	5.4							
G162.0	5.2	5.5	5.7							
G163.0	5.5	5.6	5.8							
G164.0	5.7	5.6	6.0							
G165.0	5.8	5.8	5.8							
G166.0	5.8	5.8	6.1							
G167.0	6.0	5.8	6.0							
G168.0	6.0	5.9	6.0							
G169.0	6.2	6.0	6.3							
G170.0	6.2	6.2	6.5							
G171.0	6.3	6.2	6.2							
G172.0	6.3	6.3	6.3							
G173.0	6.3	6.4	6.4							
G174.0	6.3	6.5	6.5							
G175.0	6.4	6.4	6.5							
G176.0	6.4	6.3	6.6							
G177.0	6.2	6.5	6.7							
G178.0	6.4	6.3	6.6							
G179.0	6.4	6.3	6.3							
G180.0	6.5	6.4	6.3							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector: