

Report No.:

Test Time: 2020-11-6 13:41

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS026W12V27KD40 (不帶帽沿CXM-7-27-80, 7.02W, 二次)

Lamp Catalog: CXM-7-27-80-36

Lamp Description: DDC10WB12S-160

Voltage: 11.9 V

Current: 0.627 A

Power: 6.92 W

Power Factor: 0.926

Volt Amps: 7.47 VA

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 591.9 lm

Measurement Flux: 591.9 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%,75%,100%): H64.1,H32.7,H19.8,H1

Vertical Diffuse Angle(10%,50%,75%,100%): V64.2,V32.6,V19.5,V1

Luminaire Efficacy Rating (LER): 85.58

Central Intensity: 1444.01 cd

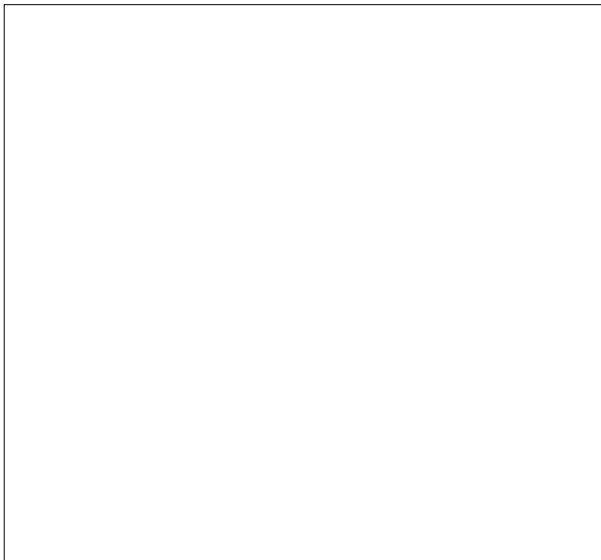
Max. Intensity: 1452.39 cd

Pos of Max. Intensity: H270 V1

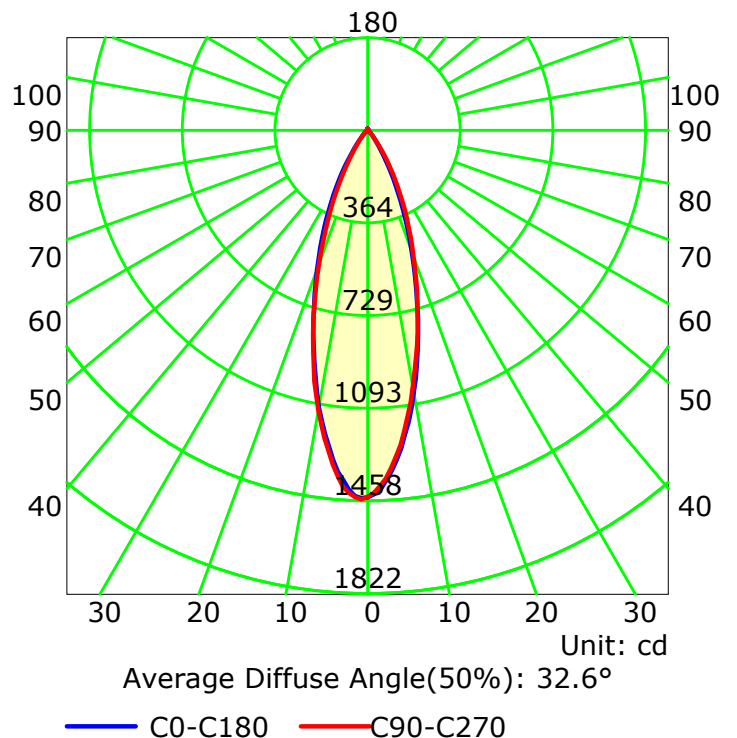
S/MH(C0/C180): 0.53

S/MH(C90/C270): 0.53

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

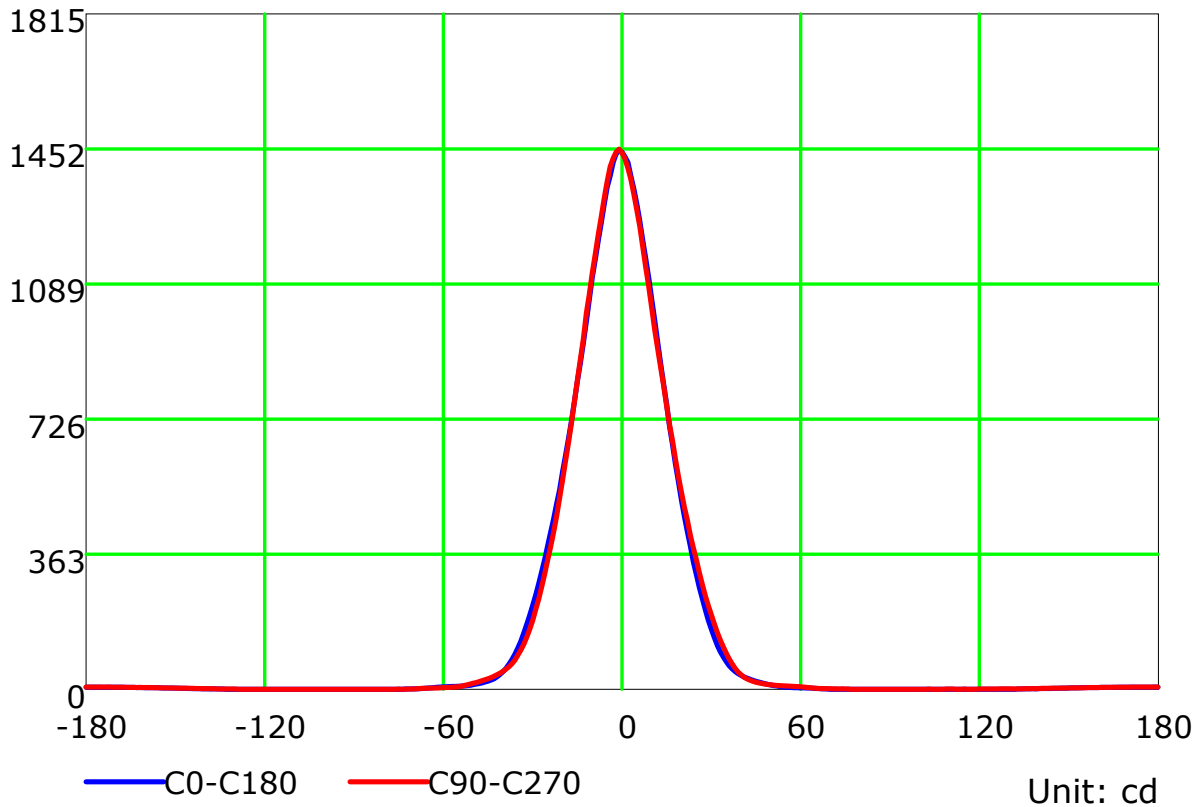
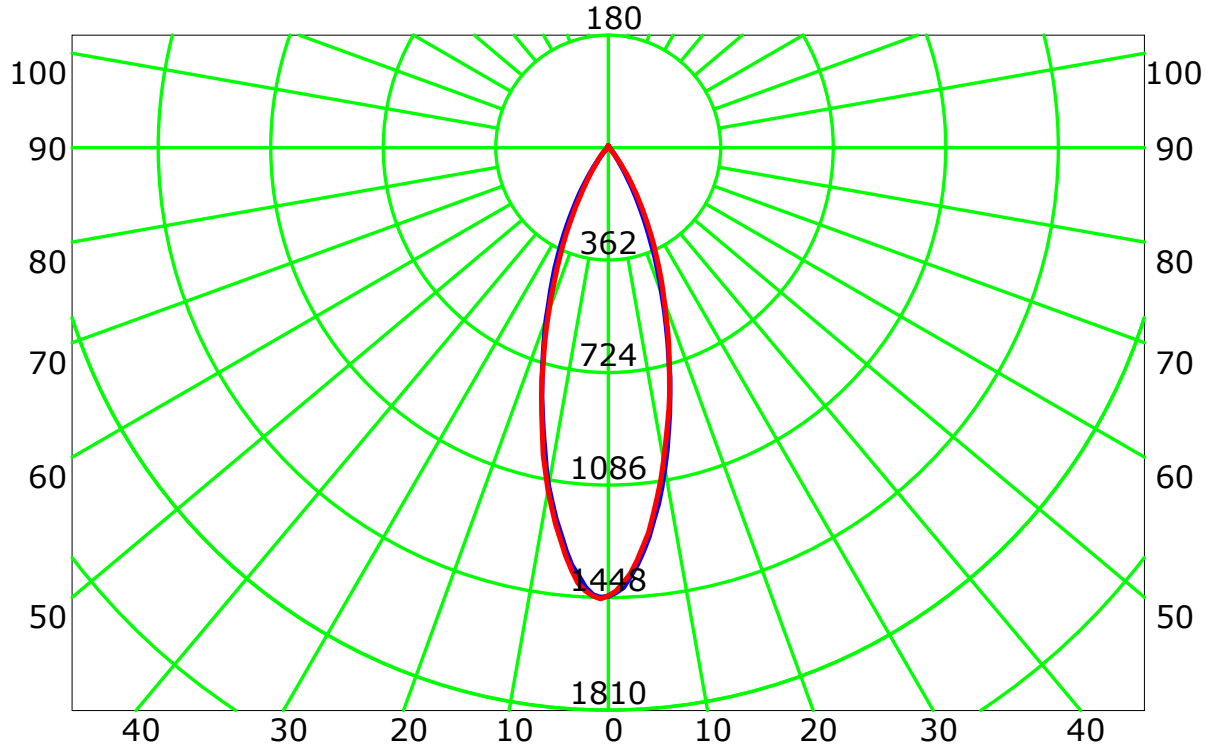
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

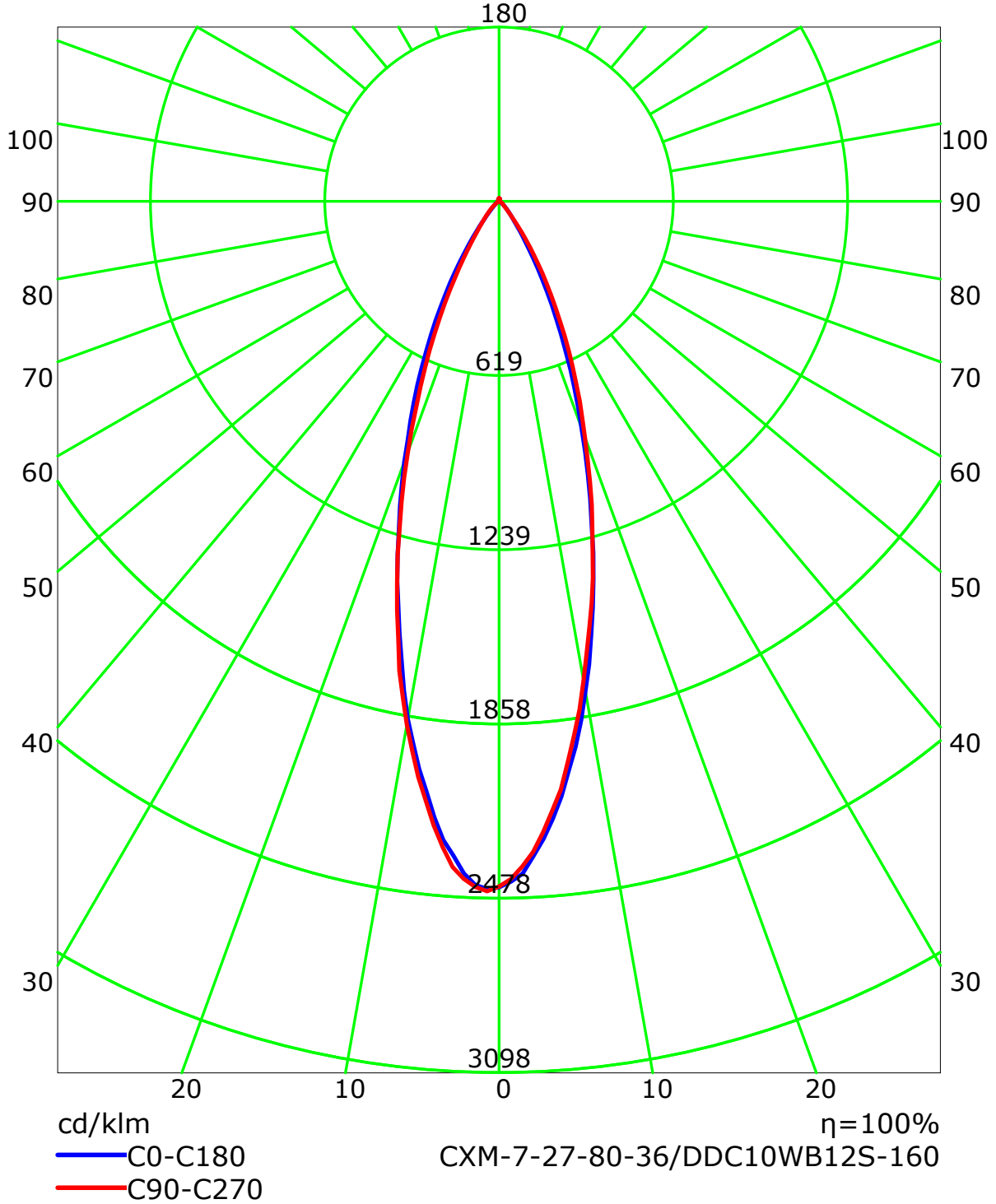
Luminous Intensity Distribution Curve



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)



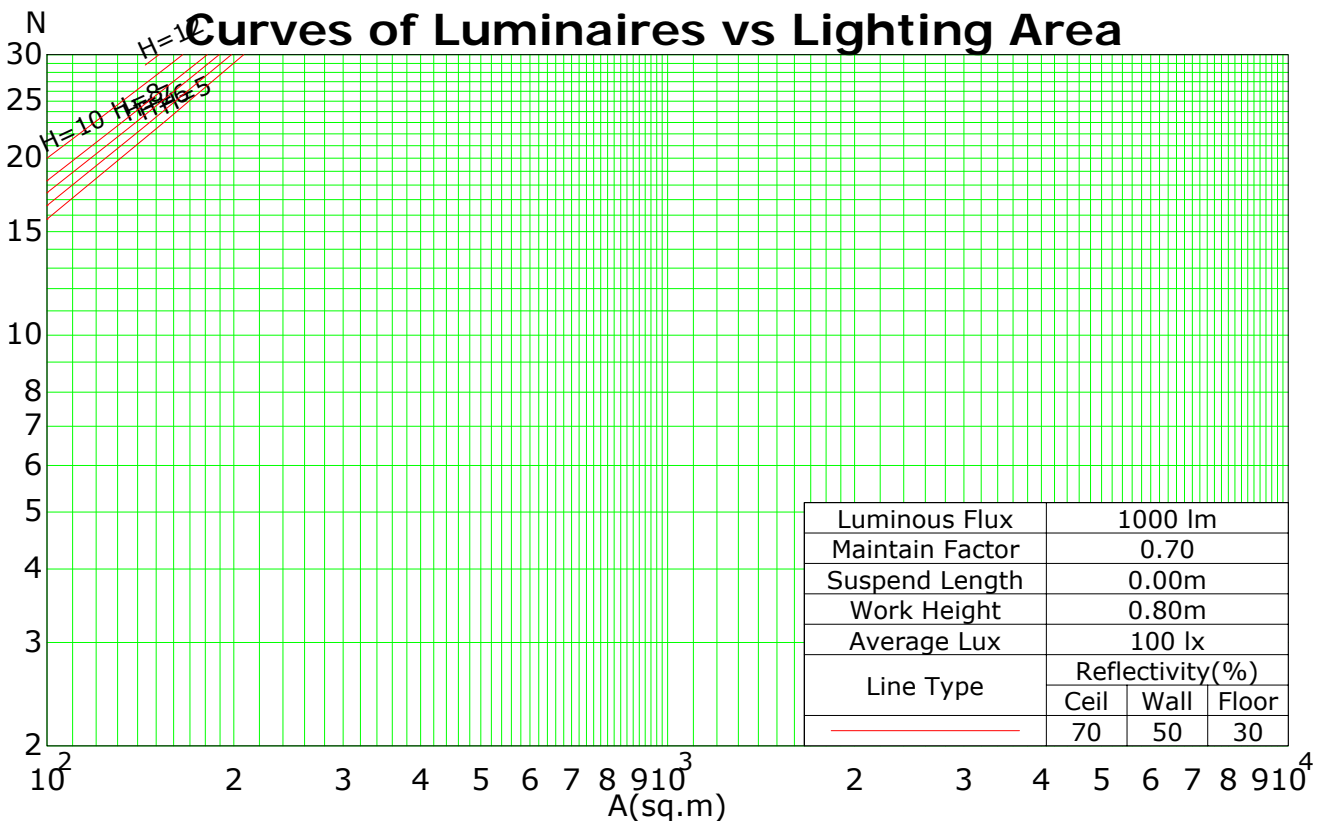
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	99	97	96	96	94
2	109	105	101	98	107	103	100	97	99	97	95	96	94	92	93	92	90	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	87	85	84
4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	82	79	77	76
6	92	84	79	75	91	83	79	75	82	78	74	80	77	74	79	76	73	72
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	73	69	67	66
9	82	73	68	65	81	73	68	65	72	68	65	71	67	64	70	67	64	63
10	79	70	65	62	78	70	65	62	69	65	62	68	64	62	68	64	61	60

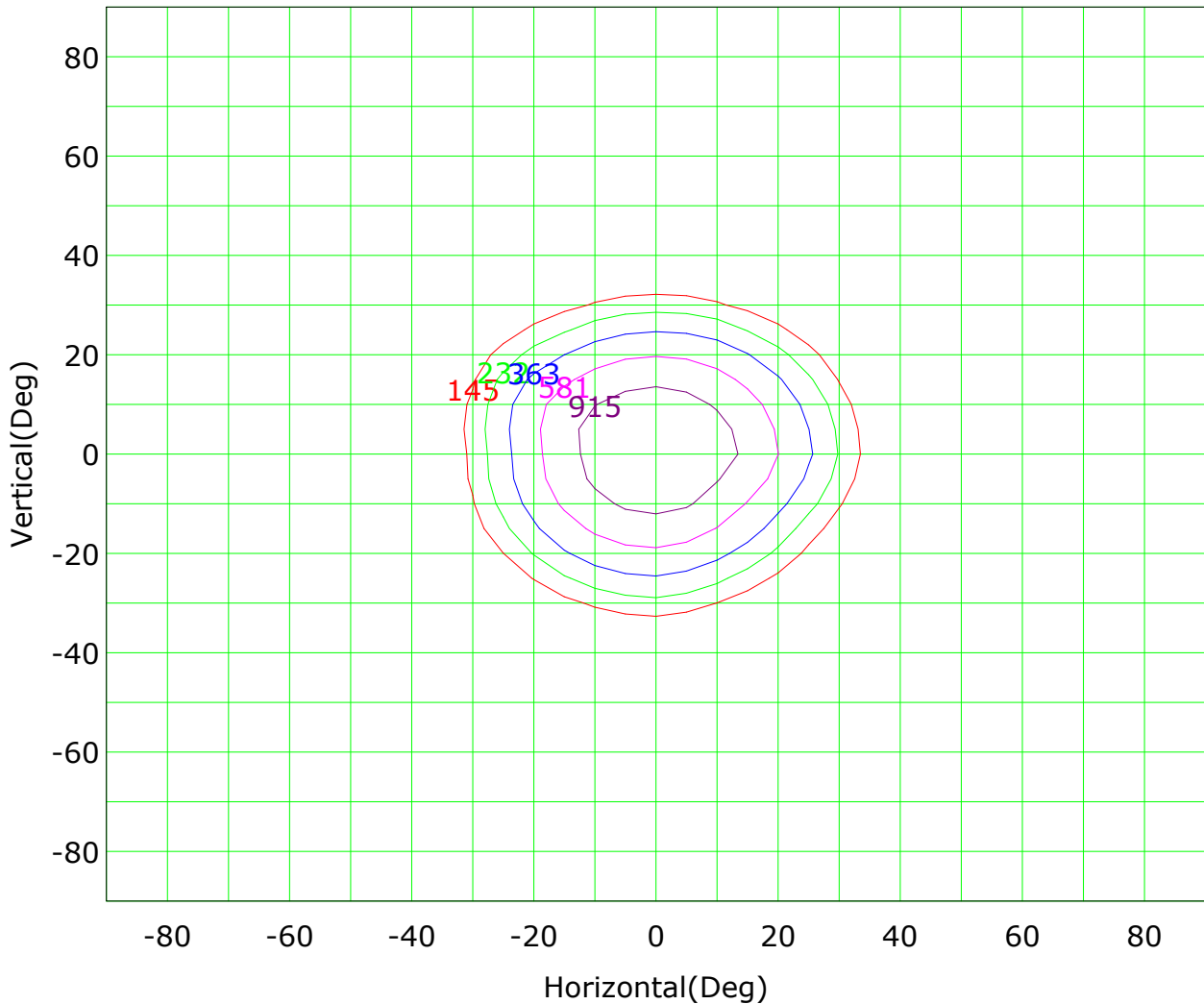
Spacing Criteria (0-180): 0.53
 Spacing Criteria (90-270): 0.53
 Spacing Criteria (Diagonal): 0.57



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)



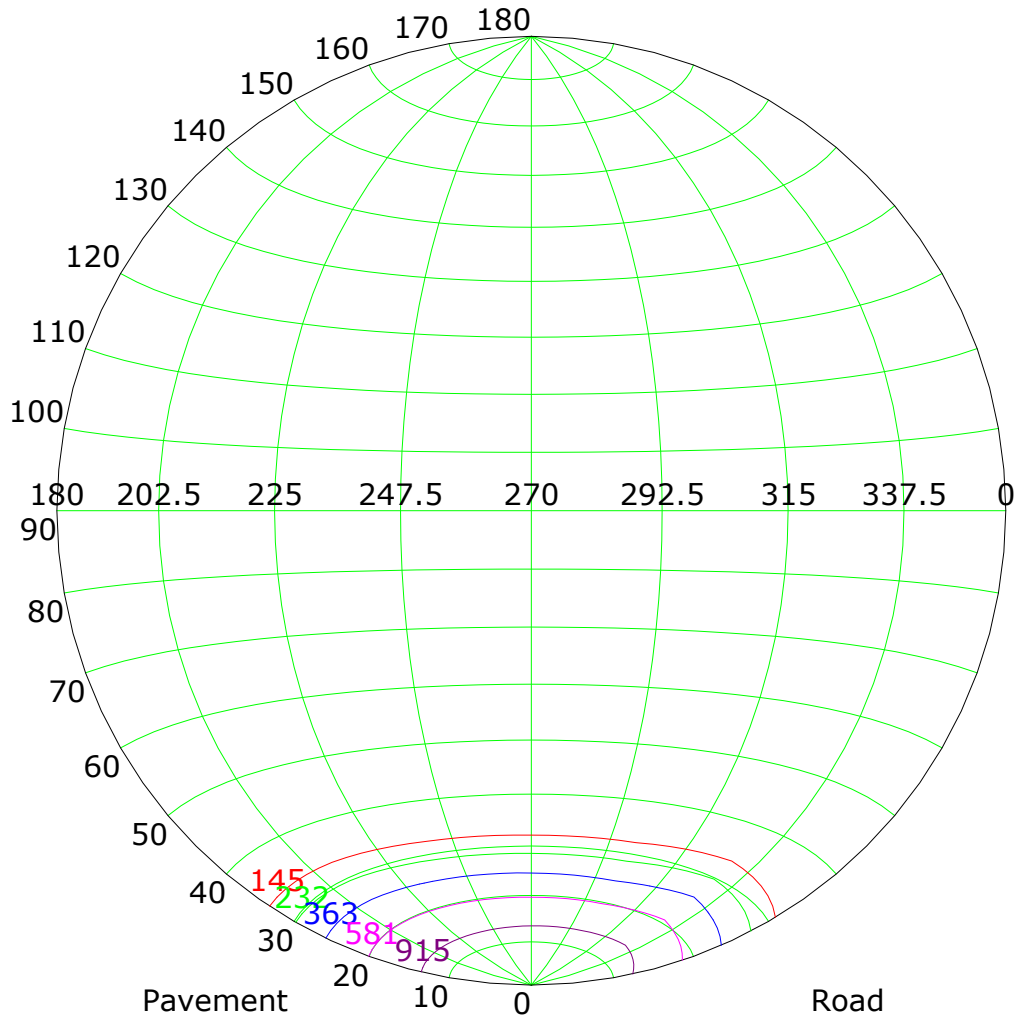
Imax (100%): 1452 cd

- | | |
|------------------|-------------------|
| — (10%): 145 cd | — (16%): 232 cd |
| — (25%): 363 cd | — (40%): 581 cd |
| — (63%): 915 cd | — (100%): 1452 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)



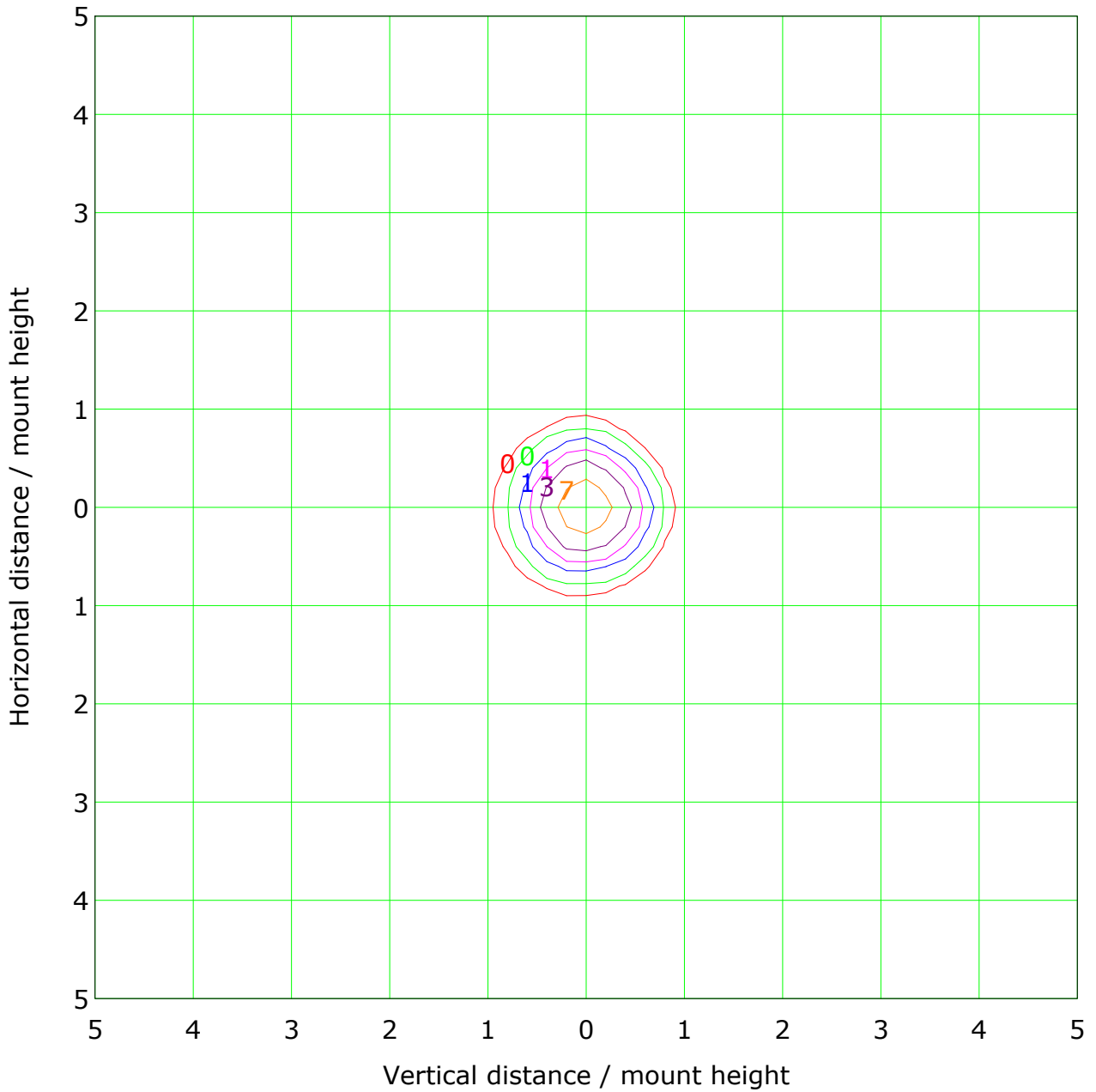
Imax (100%): 1452 cd

— (10%): 145 cd	— (16%): 232 cd
— (25%): 363 cd	— (40%): 581 cd
— (63%): 915 cd	— (100%): 1452 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



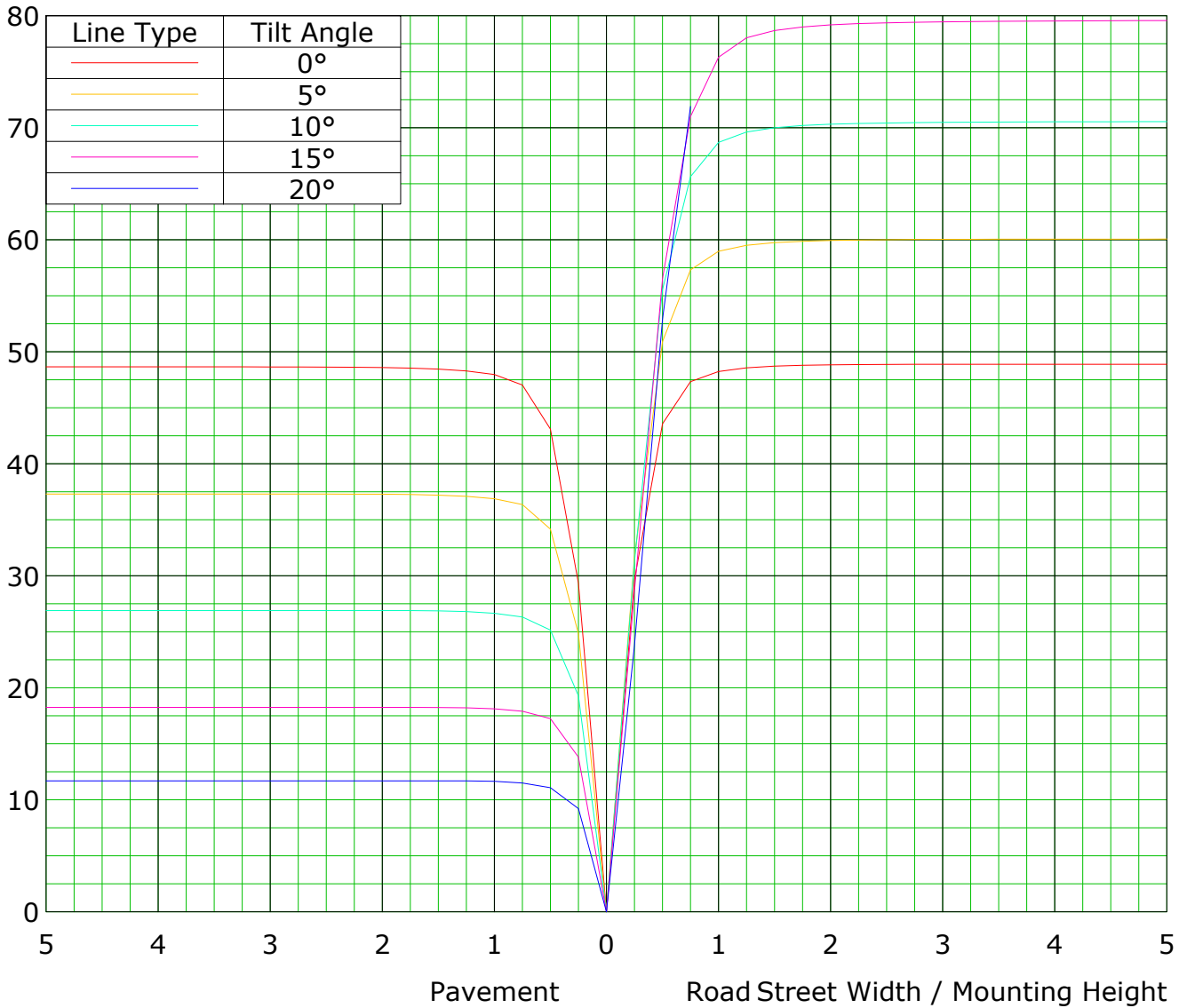
Mounting Height: 10.0m		Max Lux(100%): 14.5 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.7 lx	— (10%):	1.5 lx
— (20%):	2.9 lx	— (50%):	7.3 lx
— (100%):	14.5 lx		

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:

Roadway CU Curve

Efficiency(%)



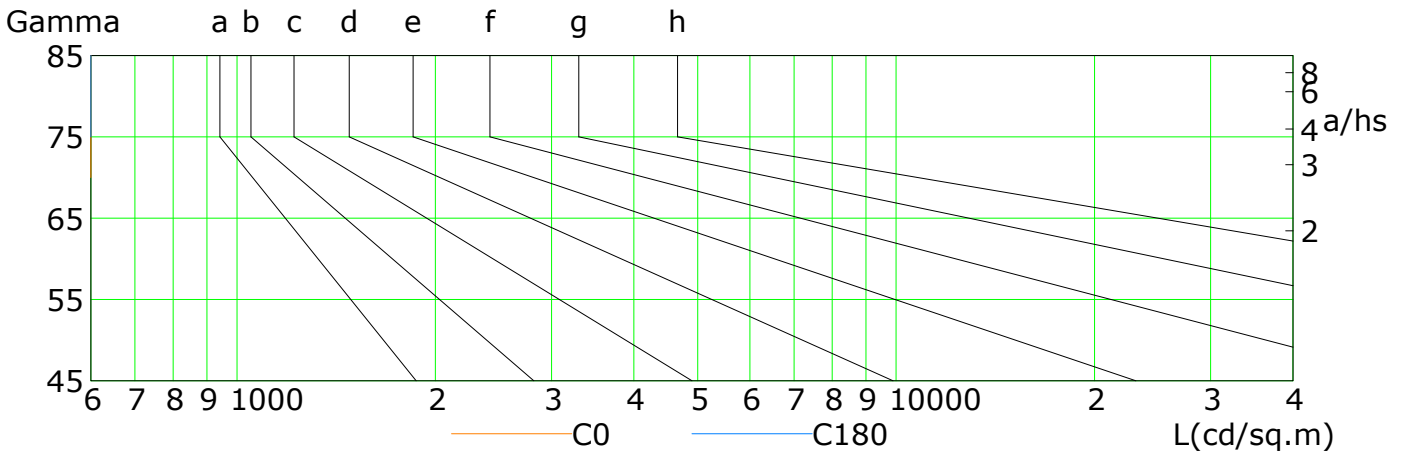
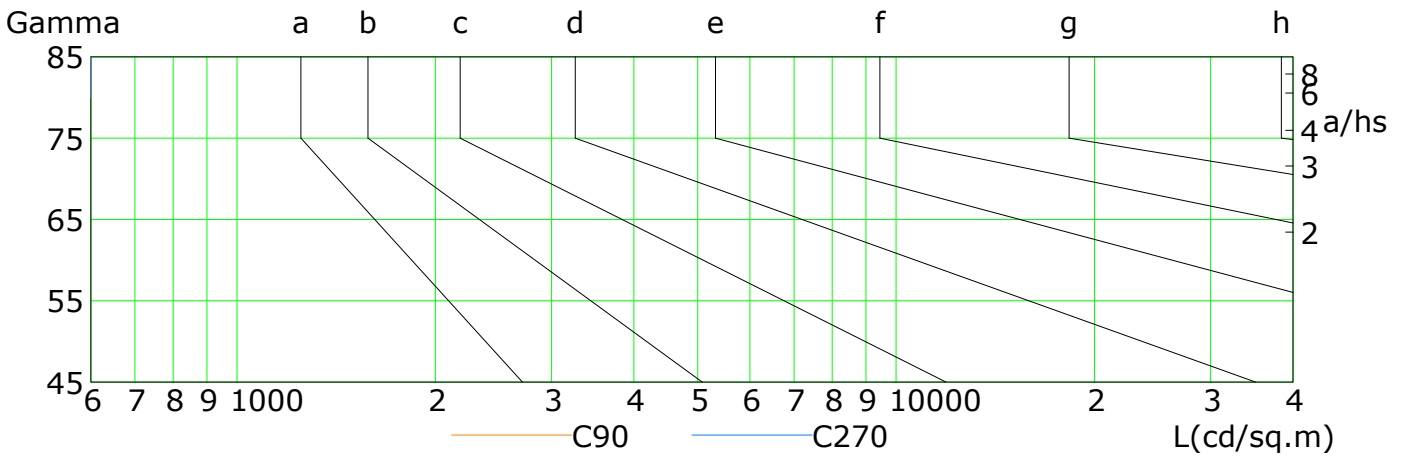
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	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	22	12	6	4	3	0	0	0	0
C90	19	12	9	7	3	2	1	0	0
C180	22	13	8	7	4	1	0	0	0
C270	29	17	7	5	3	1	1	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

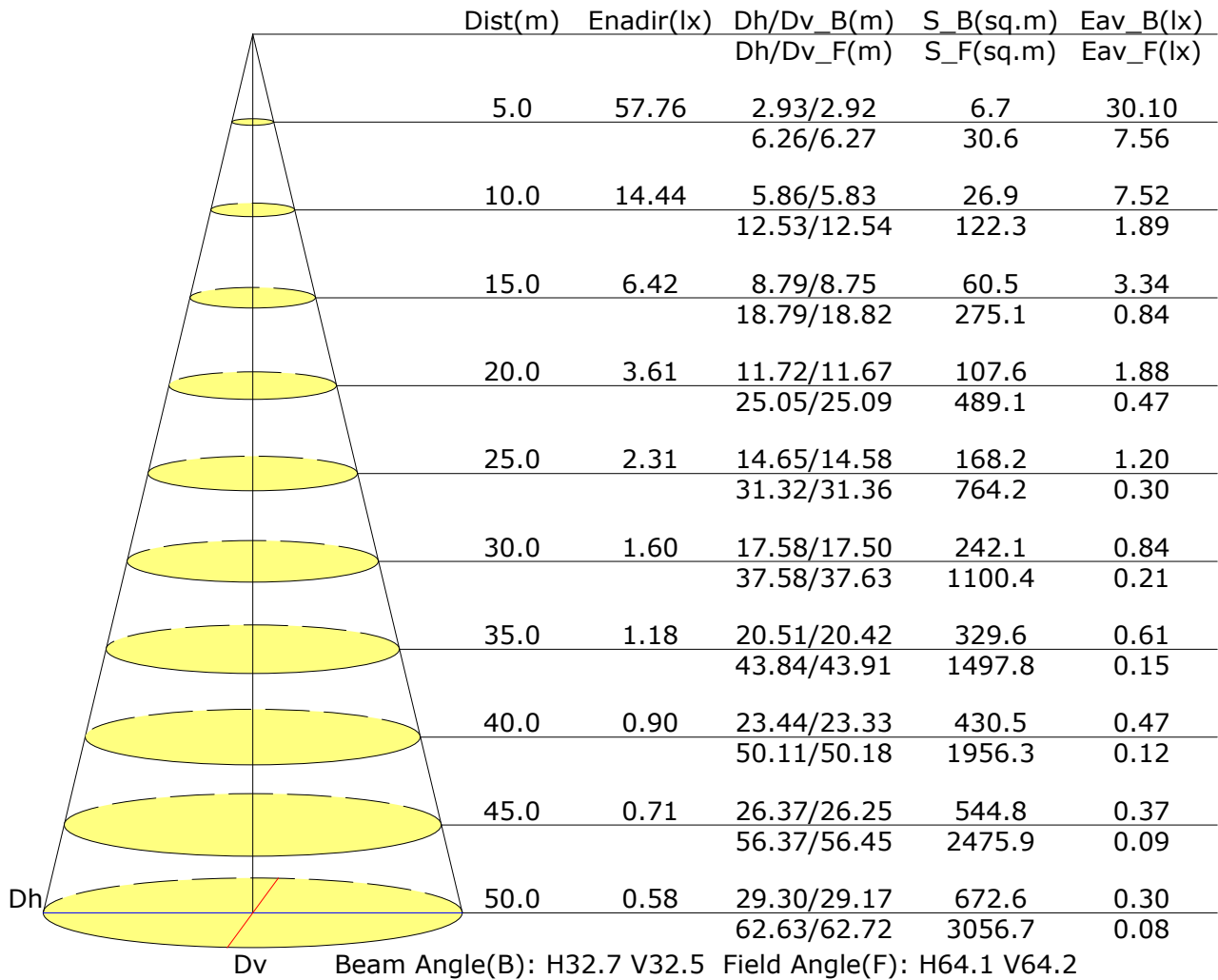
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

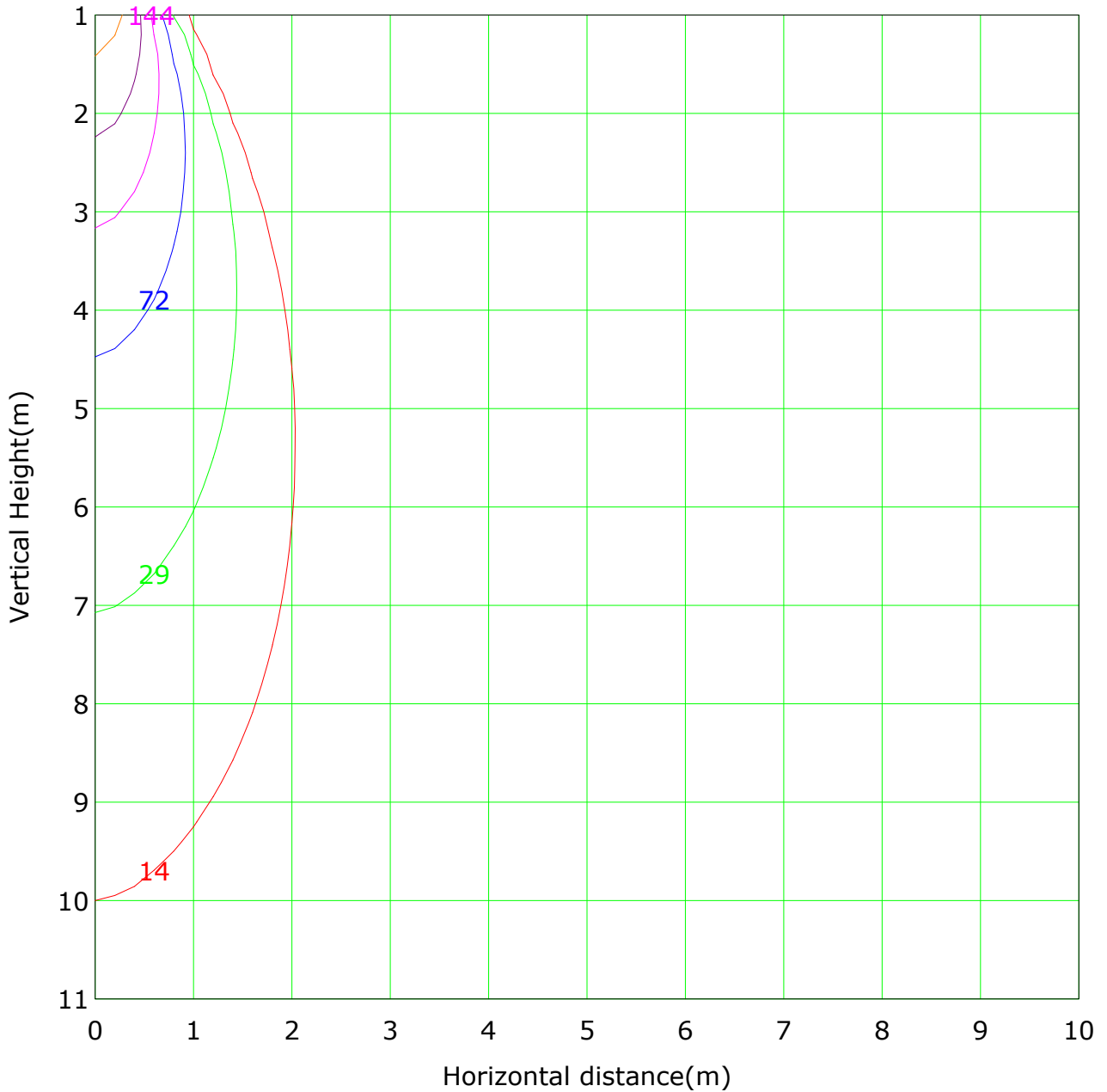
Illuminance at a Distance



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: 1444.0 lx
 (1%): 14.4 lx (2%): 28.9 lx
 (5%): 72.2 lx (10%): 144.4 lx
 (20%): 288.8 lx (50%): 722.0 lx
 (100%):1444.0 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:

Area Flux Table

Unit: lm

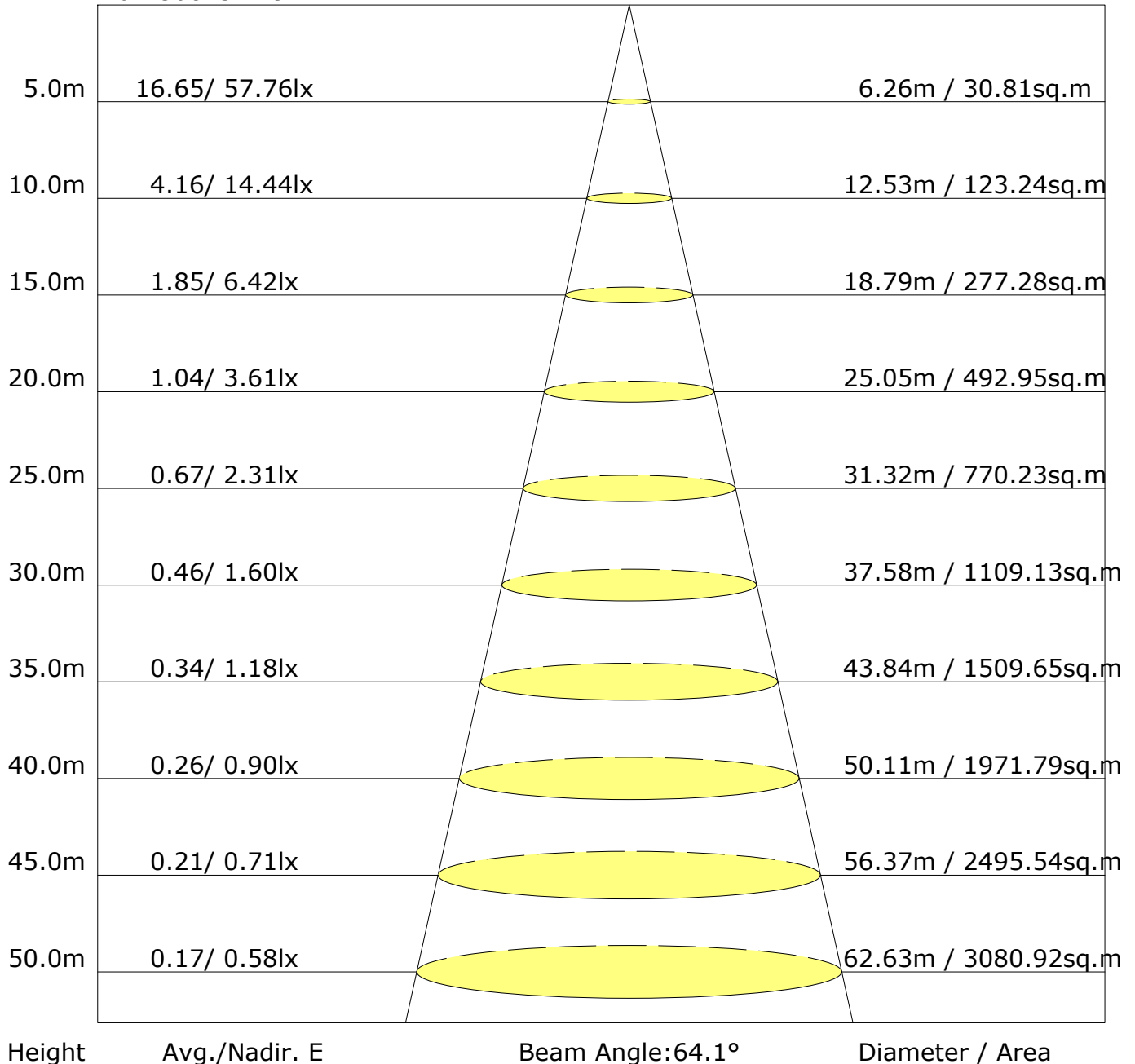
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
	-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0
	-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	3.2	0.0
	-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	2.4	0.0
	-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	32.1	0.0
	-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	83.3	0.0
	-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.8	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	137.3	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.6	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	3139.3	0.0
	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.5	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	85.8	0.0
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.4	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	31.2	0.0
	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	6.3	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.7	0.0
	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	7.2	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0
	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	8.1	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0
	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	9.0	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0
	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.9	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0
	80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	10.8	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	11.7	0.6	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.0	0.0	
																				585	512	

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: 512.94lm



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										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with 592lm ($8\log(F/F_0) = -1.8$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

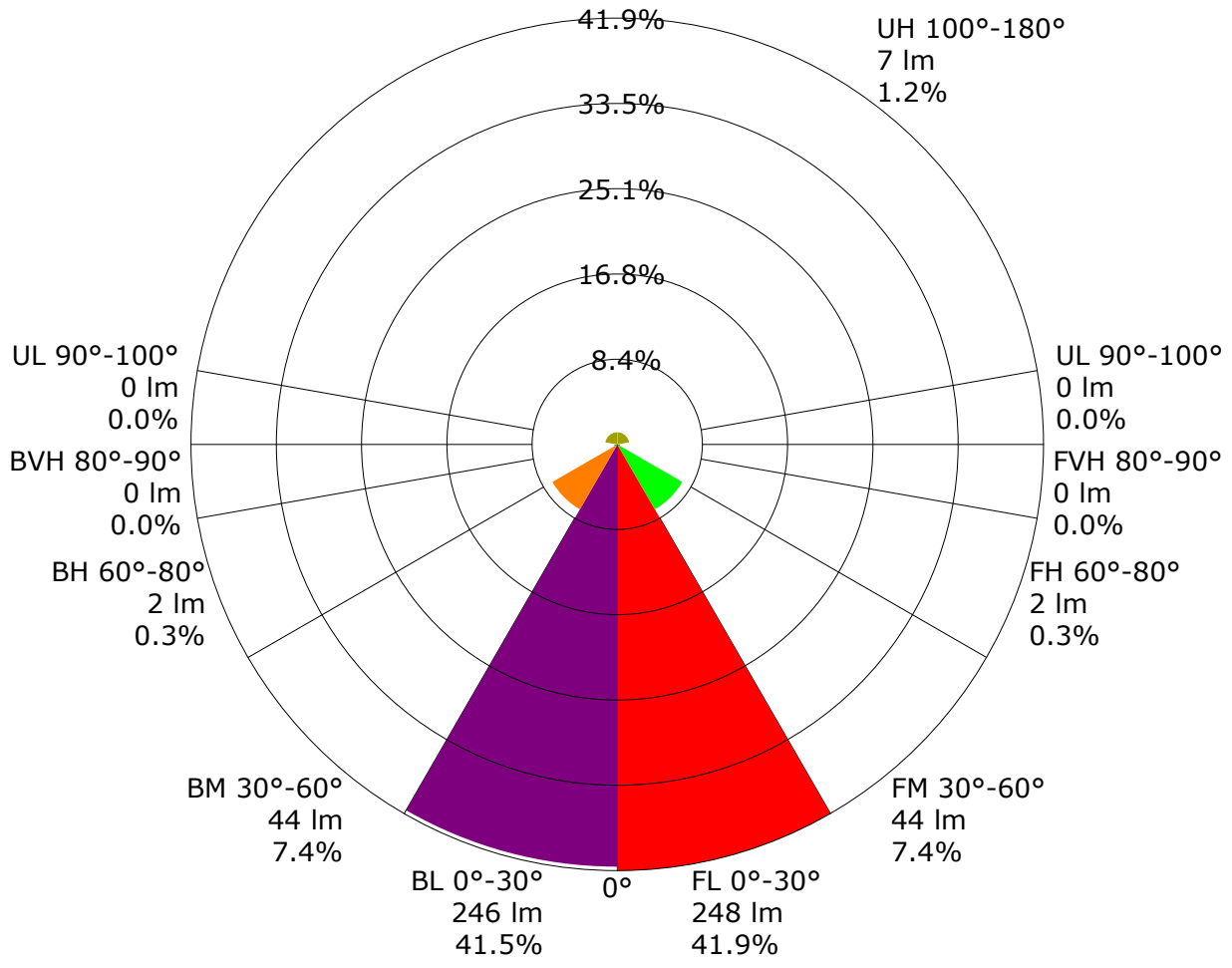
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	293	49.6
	FL (0°-30°)	248	41.9
	FM (30°-60°)	44	7.4
	FH (60°-80°)	2	0.3
	FVH (80°-90°)	0	0.0
	BACK LIGHT	291	49.2
	BL (0°-30°)	246	41.5
	BM (30°-60°)	44	7.4
	BH (60°-80°)	2	0.3
	BVH (80°-90°)	0	0.0
	UP LIGHT	7	1.2
	UL (90°-100°)	0	0.0
	UH (100°-180°)	7	1.2
	TRAPPED 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
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 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	0.91	0.96	0.99	1.02	1.05	1.08	1.09	1.11	1.12	
	0.30		0.87	0.92	0.96	0.99	1.02	1.05	1.07	1.09	1.11	
	0.20		0.84	0.89	0.93	0.96	1.00	1.03	1.05	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		0.86	0.91	0.94	0.97	1.00	1.02	1.04	1.06	1.07	
	0.20		0.83	0.88	0.92	0.94	0.98	1.00	1.02	1.04	1.06	
0.30	0.50	0.20	0.88	0.92	0.95	0.97	1.00	1.01	1.02	1.03	1.04	
	0.30		0.85	0.90	0.93	0.95	0.98	0.99	1.01	1.02	1.03	
	0.20		0.83	0.88	0.91	0.93	0.96	0.98	0.99	1.01	1.02	
0.00	0.00	0.00	0.81	0.86	0.88	0.90	0.93	0.94	0.95	0.97	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	0.50	0.41	0.34	0.30	0.23	0.19	0.17	0.13	0.10	
	0.30		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.50	0.50	0.20	0.48	0.38	0.32	0.27	0.22	0.22	0.15	0.12	0.09	
	0.30		0.40	0.33	0.28	0.25	0.20	0.16	0.14	0.11	0.09	
	0.20		0.35	0.29	0.25	0.22	0.18	0.15	0.13	0.10	0.09	
0.30	0.50	0.20	0.45	0.36	0.30	0.25	0.20	0.16	0.14	0.10	0.08	
	0.30		0.39	0.31	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	0.09	0.08	
0.00	0.00	0.00	0.19	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	0.13	0.15	0.16	0.17	0.19	0.20	0.20	0.21	0.22
	0.30		0.10	0.12	0.13	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	1440.3	1.4	1.4	0.23	0.23
1.0-2.0	1430.8	4.1	5.5	0.69	0.93
2.0-3.0	1410.7	6.7	12.2	1.14	2.07
3.0-4.0	1380.8	9.2	21.5	1.56	3.63
4.0-5.0	1343.2	11.6	33.0	1.95	5.58
5.0-6.0	1300.7	13.7	46.7	2.31	7.89
6.0-7.0	1254.2	15.6	62.3	2.63	10.52
7.0-8.0	1204.7	17.2	79.5	2.91	13.43
8.0-9.0	1152.8	18.7	98.2	3.16	16.59
9.0-10.0	1099.4	19.9	118.1	3.36	19.95
10.0-11.0	1044.3	20.9	139.0	3.53	23.48
11.0-12.0	988.2	21.6	160.6	3.65	27.13
12.0-13.0	932.0	22.1	182.7	3.74	30.87
13.0-14.0	875.2	22.4	205.1	3.79	34.65
14.0-15.0	819.3	22.5	227.6	3.80	38.45
15.0-16.0	765.2	22.4	250.0	3.79	42.24
16.0-17.0	712.6	22.2	272.2	3.75	45.99
17.0-18.0	662.2	21.8	294.0	3.69	49.68
18.0-19.0	613.7	21.4	315.4	3.61	53.29
19.0-20.0	566.7	20.7	336.1	3.50	56.79
20.0-21.0	521.2	20.0	356.2	3.38	60.17
21.0-22.0	478.3	19.2	375.4	3.25	63.42
22.0-23.0	437.6	18.4	393.8	3.10	66.52
23.0-24.0	398.6	17.4	411.2	2.94	69.47
24.0-25.0	361.3	16.4	427.6	2.78	72.24
25.0-26.0	325.8	15.4	443.0	2.60	74.84
26.0-27.0	292.4	14.3	457.3	2.42	77.26
27.0-28.0	260.9	13.2	470.5	2.23	79.49
28.0-29.0	231.2	12.1	482.6	2.04	81.54
29.0-30.0	203.4	11.0	493.6	1.86	83.39
30.0-31.0	178.4	9.9	503.5	1.68	85.07
31.0-32.0	155.6	8.9	512.4	1.51	86.58
32.0-33.0	134.4	7.9	520.4	1.34	87.92
33.0-34.0	115.4	7.0	527.3	1.18	89.10
34.0-35.0	98.9	6.1	533.5	1.04	90.13
35.0-36.0	84.6	5.4	538.9	0.91	91.04

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	72.1	4.7	543.6	0.79	91.84
37.0-38.0	61.7	4.1	547.7	0.70	92.53
38.0-39.0	53.1	3.6	551.3	0.61	93.15
39.0-40.0	46.0	3.2	554.5	0.54	93.69
40.0-41.0	40.1	2.9	557.4	0.48	94.17
41.0-42.0	35.3	2.6	560.0	0.43	94.60
42.0-43.0	31.3	2.3	562.3	0.39	95.00
43.0-44.0	27.9	2.1	564.4	0.36	95.35
44.0-45.0	25.0	1.9	566.3	0.32	95.68
45.0-46.0	22.4	1.8	568.1	0.30	95.97
46.0-47.0	20.1	1.6	569.7	0.27	96.24
47.0-48.0	18.1	1.5	571.1	0.25	96.49
48.0-49.0	16.2	1.3	572.5	0.23	96.72
49.0-50.0	14.5	1.2	573.7	0.20	96.92
50.0-51.0	12.9	1.1	574.8	0.18	97.11
51.0-52.0	11.4	1.0	575.7	0.17	97.27
52.0-53.0	10.2	0.9	576.6	0.15	97.42
53.0-54.0	9.1	0.8	577.4	0.14	97.56
54.0-55.0	8.2	0.7	578.2	0.12	97.68
55.0-56.0	7.5	0.7	578.8	0.11	97.79
56.0-57.0	6.9	0.6	579.5	0.11	97.90
57.0-58.0	6.4	0.6	580.1	0.10	98.00
58.0-59.0	6.0	0.6	580.6	0.09	98.09
59.0-60.0	5.6	0.5	581.1	0.09	98.18
60.0-61.0	5.3	0.5	581.6	0.08	98.27
61.0-62.0	4.8	0.5	582.1	0.08	98.35
62.0-63.0	4.4	0.4	582.5	0.07	98.42
63.0-64.0	4.0	0.4	582.9	0.07	98.49
64.0-65.0	3.5	0.3	583.3	0.06	98.54
65.0-66.0	3.0	0.3	583.6	0.05	98.59
66.0-67.0	2.4	0.2	583.8	0.04	98.63
67.0-68.0	2.0	0.2	584.0	0.03	98.67
68.0-69.0	1.7	0.2	584.2	0.03	98.70
69.0-70.0	1.4	0.1	584.3	0.02	98.72
70.0-71.0	1.2	0.1	584.5	0.02	98.74
71.0-72.0	1.0	0.1	584.6	0.02	98.76

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	0.7	0.1	584.6	0.01	98.77
73.0-74.0	0.5	0.0	584.7	0.01	98.78
74.0-75.0	0.3	0.0	584.7	0.01	98.79
75.0-76.0	0.2	0.0	584.7	0.00	98.79
76.0-77.0	0.1	0.0	584.8	0.00	98.79
77.0-78.0	0.0	0.0	584.8	0.00	98.80
78.0-79.0	0.0	0.0	584.8	0.00	98.80
79.0-80.0	0.0	0.0	584.8	0.00	98.80
80.0-81.0	0.0	0.0	584.8	0.00	98.80
81.0-82.0	0.0	0.0	584.8	0.00	98.80
82.0-83.0	0.0	0.0	584.8	0.00	98.80
83.0-84.0	0.0	0.0	584.8	0.00	98.80
84.0-85.0	0.0	0.0	584.8	0.00	98.80
85.0-86.0	0.0	0.0	584.8	0.00	98.80
86.0-87.0	0.0	0.0	584.8	0.00	98.80
87.0-88.0	0.0	0.0	584.8	0.00	98.80
88.0-89.0	0.0	0.0	584.8	0.00	98.80
89.0-90.0	0.0	0.0	584.8	0.00	98.80
90.0-91.0	0.0	0.0	584.8	0.00	98.80
91.0-92.0	0.0	0.0	584.8	0.00	98.80
92.0-93.0	0.0	0.0	584.8	0.00	98.80
93.0-94.0	0.0	0.0	584.8	0.00	98.80
94.0-95.0	0.0	0.0	584.8	0.00	98.80
95.0-96.0	0.0	0.0	584.8	0.00	98.80
96.0-97.0	0.0	0.0	584.8	0.00	98.80
97.0-98.0	0.0	0.0	584.8	0.00	98.80
98.0-99.0	0.0	0.0	584.8	0.00	98.80
99.0-100.0	0.0	0.0	584.8	0.00	98.80
100.0-101.0	0.0	0.0	584.8	0.00	98.80
101.0-102.0	0.0	0.0	584.8	0.00	98.80
102.0-103.0	0.0	0.0	584.8	0.00	98.80
103.0-104.0	0.0	0.0	584.8	0.00	98.80
104.0-105.0	0.0	0.0	584.8	0.00	98.80
105.0-106.0	0.0	0.0	584.8	0.00	98.80
106.0-107.0	0.0	0.0	584.8	0.00	98.80
107.0-108.0	0.0	0.0	584.8	0.00	98.80

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	0.0	0.0	584.8	0.00	98.80
109.0-110.0	0.1	0.0	584.8	0.00	98.80
110.0-111.0	0.1	0.0	584.8	0.00	98.80
111.0-112.0	0.0	0.0	584.8	0.00	98.80
112.0-113.0	0.0	0.0	584.8	0.00	98.80
113.0-114.0	0.0	0.0	584.8	0.00	98.80
114.0-115.0	0.0	0.0	584.8	0.00	98.80
115.0-116.0	0.0	0.0	584.8	0.00	98.80
116.0-117.0	0.0	0.0	584.8	0.00	98.80
117.0-118.0	0.0	0.0	584.8	0.00	98.80
118.0-119.0	0.0	0.0	584.8	0.00	98.80
119.0-120.0	0.0	0.0	584.8	0.00	98.80
120.0-121.0	0.1	0.0	584.8	0.00	98.80
121.0-122.0	0.1	0.0	584.8	0.00	98.81
122.0-123.0	0.1	0.0	584.8	0.00	98.81
123.0-124.0	0.1	0.0	584.8	0.00	98.81
124.0-125.0	0.2	0.0	584.9	0.00	98.81
125.0-126.0	0.2	0.0	584.9	0.00	98.81
126.0-127.0	0.2	0.0	584.9	0.00	98.82
127.0-128.0	0.4	0.0	584.9	0.01	98.82
128.0-129.0	0.5	0.0	585.0	0.01	98.83
129.0-130.0	0.7	0.1	585.0	0.01	98.84
130.0-131.0	0.9	0.1	585.1	0.01	98.85
131.0-132.0	0.9	0.1	585.2	0.01	98.87
132.0-133.0	1.0	0.1	585.3	0.01	98.88
133.0-134.0	1.2	0.1	585.4	0.02	98.90
134.0-135.0	1.4	0.1	585.5	0.02	98.91
135.0-136.0	1.5	0.1	585.6	0.02	98.93
136.0-137.0	1.6	0.1	585.7	0.02	98.95
137.0-138.0	1.7	0.1	585.8	0.02	98.97
138.0-139.0	1.8	0.1	585.9	0.02	99.00
139.0-140.0	1.9	0.1	586.1	0.02	99.02
140.0-141.0	2.1	0.1	586.2	0.02	99.04
141.0-142.0	2.3	0.2	586.4	0.03	99.07
142.0-143.0	2.4	0.2	586.5	0.03	99.10
143.0-144.0	2.6	0.2	586.7	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	2.7	0.2	586.9	0.03	99.16
145.0-146.0	2.9	0.2	587.1	0.03	99.19
146.0-147.0	3.1	0.2	587.3	0.03	99.22
147.0-148.0	3.2	0.2	587.4	0.03	99.25
148.0-149.0	3.4	0.2	587.6	0.03	99.28
149.0-150.0	3.5	0.2	587.8	0.03	99.31
150.0-151.0	3.7	0.2	588.0	0.03	99.35
151.0-152.0	3.8	0.2	588.2	0.03	99.38
152.0-153.0	3.9	0.2	588.4	0.03	99.42
153.0-154.0	4.1	0.2	588.6	0.03	99.45
154.0-155.0	4.2	0.2	588.8	0.03	99.48
155.0-156.0	4.4	0.2	589.0	0.03	99.52
156.0-157.0	4.5	0.2	589.2	0.03	99.55
157.0-158.0	4.7	0.2	589.4	0.03	99.58
158.0-159.0	4.8	0.2	589.6	0.03	99.62
159.0-160.0	4.9	0.2	589.8	0.03	99.65
160.0-161.0	5.1	0.2	590.0	0.03	99.68
161.0-162.0	5.1	0.2	590.2	0.03	99.71
162.0-163.0	5.2	0.2	590.3	0.03	99.74
163.0-164.0	5.3	0.2	590.5	0.03	99.77
164.0-165.0	5.4	0.2	590.7	0.03	99.79
165.0-166.0	5.5	0.2	590.8	0.03	99.82
166.0-167.0	5.5	0.1	591.0	0.02	99.84
167.0-168.0	5.6	0.1	591.1	0.02	99.86
168.0-169.0	5.7	0.1	591.2	0.02	99.89
169.0-170.0	5.7	0.1	591.3	0.02	99.91
170.0-171.0	5.8	0.1	591.4	0.02	99.92
171.0-172.0	5.8	0.1	591.5	0.02	99.94
172.0-173.0	5.9	0.1	591.6	0.01	99.95
173.0-174.0	5.9	0.1	591.7	0.01	99.97
174.0-175.0	6.0	0.1	591.7	0.01	99.98
175.0-176.0	5.9	0.1	591.8	0.01	99.98
176.0-177.0	6.0	0.0	591.8	0.01	99.99
177.0-178.0	6.0	0.0	591.9	0.00	100.00
178.0-179.0	6.0	0.0	591.9	0.00	100.00
179.0-180.0	6.0	0.0	591.9	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	1444.0	1442.2	1439.2	1442.3	1443.6	1442.4	1444.0	1442.2	1439.2	1442.3
G1.0	1432.1	1431.6	1429.1	1426.9	1426.0	1426.7	1447.7	1446.7	1445.7	1452.4
G2.0	1416.3	1408.8	1401.3	1401.0	1399.7	1396.8	1439.9	1442.0	1444.0	1444.0
G3.0	1380.5	1381.0	1370.5	1371.6	1363.2	1365.3	1416.7	1422.2	1428.6	1427.8
G4.0	1345.0	1339.5	1329.4	1331.3	1329.4	1313.0	1380.4	1386.4	1400.0	1404.8
G5.0	1303.8	1298.6	1292.7	1287.2	1280.7	1265.2	1349.1	1347.3	1352.0	1364.5
G6.0	1259.1	1253.3	1243.8	1244.6	1232.8	1213.5	1304.0	1305.0	1309.2	1320.3
G7.0	1205.8	1206.7	1198.7	1188.5	1182.6	1165.5	1252.9	1260.3	1264.2	1269.5
G8.0	1158.9	1160.9	1145.3	1135.3	1126.3	1098.3	1207.3	1208.0	1212.9	1223.1
G9.0	1105.7	1103.3	1088.0	1082.8	1071.7	1045.8	1155.7	1162.8	1161.7	1169.8
G10.0	1047.2	1048.8	1036.0	1024.0	1018.7	988.2	1106.6	1106.1	1107.2	1118.9
G11.0	993.3	992.6	981.5	967.5	964.6	930.7	1049.3	1048.3	1052.8	1062.2
G12.0	932.8	935.1	926.0	915.3	904.2	876.7	987.8	997.0	998.2	1010.2
G13.0	876.9	875.0	867.5	866.7	852.1	817.0	932.5	939.1	945.3	943.3
G14.0	820.8	821.6	814.7	816.7	774.8	764.8	877.7	877.7	884.2	887.3
G15.0	766.5	767.5	765.2	760.7	725.3	713.7	828.1	823.7	822.9	830.1
G16.0	706.8	715.4	715.5	711.3	673.7	664.2	774.5	770.7	769.3	774.6
G17.0	656.6	665.3	671.0	666.8	618.9	611.5	720.8	720.6	718.0	715.7
G18.0	604.9	616.2	620.6	618.6	573.5	565.0	674.7	673.9	664.2	664.2
G19.0	556.8	563.0	577.4	571.1	530.0	521.4	628.1	623.0	616.7	613.4
G20.0	506.8	519.3	535.8	528.3	488.9	480.0	583.2	576.4	570.2	561.3
G21.0	464.3	478.1	495.6	488.8	446.3	435.5	536.0	532.1	522.6	514.1
G22.0	422.8	435.5	452.3	453.5	409.5	397.8	497.5	490.8	480.2	464.6
G23.0	385.1	396.8	413.7	414.0	371.9	361.1	458.3	451.9	436.7	423.2
G24.0	342.2	362.1	377.9	379.7	336.5	326.6	422.0	410.9	397.2	383.3
G25.0	307.6	326.8	343.2	347.6	300.8	291.4	384.9	375.4	358.5	346.5
G26.0	274.2	291.5	306.5	313.9	269.8	261.1	349.0	341.1	321.9	310.5
G27.0	243.9	260.9	274.9	281.4	240.9	232.5	316.1	307.5	287.5	275.0
G28.0	214.8	231.5	245.8	252.5	214.2	205.0	284.7	273.2	251.6	243.3
G29.0	185.9	204.3	218.1	225.4	186.7	179.6	253.7	243.9	221.9	214.8
G30.0	162.1	177.0	190.2	200.6	163.4	154.9	225.4	215.9	194.2	185.4
G31.0	140.4	155.0	166.6	177.2	142.0	134.6	199.8	191.4	169.7	162.3
G32.0	119.1	134.0	144.5	153.4	123.4	115.7	175.0	166.7	144.8	140.5
G33.0	102.2	115.3	124.4	133.6	104.4	99.6	152.1	142.9	125.0	122.0
G34.0	87.8	98.9	104.6	115.1	89.0	83.5	129.3	123.1	108.3	105.5
G35.0	75.1	82.9	88.9	97.4	75.5	71.7	110.7	105.5	94.1	91.7
G36.0	63.7	70.2	75.5	82.2	64.2	61.4	94.3	88.8	81.1	78.7

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 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	55.1	60.0	63.8	68.5	54.5	52.9	79.7	76.0	69.7	68.7
G38.0	48.3	50.7	53.2	57.1	46.1	45.0	67.6	65.1	61.0	60.9
G39.0	42.5	43.8	45.5	46.6	39.7	39.1	56.1	56.0	53.8	54.5
G40.0	37.6	38.3	38.9	39.2	34.4	34.5	47.4	48.3	47.6	48.4
G41.0	33.4	33.8	33.8	32.7	30.5	30.7	40.2	41.7	42.3	43.7
G42.0	30.1	30.0	29.3	28.1	26.7	27.2	33.7	36.6	38.1	39.4
G43.0	27.1	27.2	26.2	24.6	23.8	24.1	28.8	32.6	34.2	35.3
G44.0	24.4	24.6	23.5	21.6	21.1	21.5	25.1	29.1	30.9	31.8
G45.0	21.7	22.4	21.5	19.1	18.3	19.2	22.2	25.9	27.6	28.7
G46.0	19.4	20.1	19.3	17.3	16.5	16.8	20.0	23.4	24.8	26.1
G47.0	17.5	18.1	17.6	15.9	14.5	14.9	17.5	21.0	22.4	23.6
G48.0	15.2	16.4	16.0	14.5	12.9	13.4	15.8	18.9	19.9	21.1
G49.0	13.4	14.9	14.7	13.2	11.4	11.6	14.5	17.1	18.1	18.5
G50.0	11.7	13.6	13.4	12.1	10.3	10.5	12.7	15.3	15.7	16.5
G51.0	10.3	12.1	12.0	11.3	9.3	9.4	11.0	13.4	14.0	14.5
G52.0	9.2	10.7	10.9	10.5	8.3	8.5	10.1	11.8	12.0	12.2
G53.0	7.7	9.6	10.1	10.0	7.5	7.7	9.4	10.5	10.2	10.4
G54.0	6.8	8.6	9.4	9.7	6.8	7.1	8.9	9.5	8.9	8.5
G55.0	6.0	7.5	8.8	9.3	6.4	6.6	8.4	8.9	7.8	7.3
G56.0	5.6	6.9	8.3	8.8	5.8	6.3	8.1	8.2	6.9	6.5
G57.0	5.1	6.4	7.9	8.6	5.6	5.8	7.9	7.7	6.2	5.9
G58.0	4.7	5.8	7.3	8.1	5.5	5.6	7.6	7.3	5.8	5.4
G59.0	4.4	5.3	6.7	7.5	5.2	5.5	7.2	6.6	5.3	5.0
G60.0	4.3	4.9	6.3	7.0	5.1	5.2	6.9	6.1	5.1	4.7
G61.0	4.1	4.8	5.8	6.2	4.8	5.0	6.3	5.5	4.6	4.2
G62.0	3.7	4.6	5.2	5.4	4.3	4.6	5.8	5.1	4.2	3.8
G63.0	3.5	4.1	4.5	4.7	3.9	4.1	5.0	4.8	4.0	3.7
G64.0	3.0	3.5	3.7	3.7	3.2	3.5	4.3	4.3	3.9	3.5
G65.0	2.6	3.0	3.1	3.1	2.7	3.0	3.7	3.6	3.6	3.2
G66.0	2.2	2.4	2.4	2.6	2.0	2.5	3.0	3.0	3.0	3.0
G67.0	1.6	1.7	1.8	2.3	1.6	2.0	2.4	2.3	2.6	2.7
G68.0	1.4	1.4	1.6	2.0	1.5	1.6	1.8	2.0	2.1	2.2
G69.0	1.0	1.2	1.5	1.8	1.2	1.5	1.5	1.5	1.6	1.7
G70.0	0.0	1.0	1.1	1.8	1.2	1.4	1.4	1.4	1.6	1.3
G71.0	0.0	0.0	1.2	1.6	1.1	1.4	1.2	1.4	1.5	1.2
G72.0	0.0	0.0	0.0	1.5	1.0	1.2	1.1	1.1	1.3	1.0
G73.0	0.0	0.0	0.0	1.3	0.0	1.1	1.0	1.0	1.1	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 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	0.0	0.0	1.0	1.3	0.0	0.0	0.0	0.0	1.0	0.0
G75.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	1.0
G76.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G77.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	1.0	0.0	0.0	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	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	1.1	0.0	1.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	1.1	0.0	1.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	1.4	0.0	1.2	0.0	0.0	0.0	0.0
G128.0	0.0	1.0	0.0	1.5	0.0	1.0	0.0	0.0	0.0	0.0
G129.0	0.0	1.0	0.0	1.3	0.0	1.2	0.0	0.0	1.0	0.0
G130.0	0.0	1.1	1.0	1.4	0.0	1.3	0.0	0.0	1.1	1.1
G131.0	0.0	1.2	1.0	1.6	1.0	1.5	0.0	0.0	1.1	1.2
G132.0	0.0	1.1	1.0	1.3	1.0	1.5	0.0	0.0	1.2	1.1
G133.0	1.0	1.2	1.2	1.4	1.1	1.4	0.0	0.0	1.2	1.3
G134.0	1.2	1.4	1.3	1.5	1.3	1.5	1.1	1.0	1.4	1.1
G135.0	1.5	1.5	1.3	1.5	1.4	1.6	1.1	1.0	1.4	1.2
G136.0	1.5	1.5	1.7	1.8	1.7	1.9	1.1	1.0	1.4	1.5
G137.0	1.5	1.6	1.6	2.0	1.7	2.2	1.3	1.3	1.6	1.7
G138.0	1.8	1.8	1.8	2.1	1.9	2.2	1.2	1.5	1.7	1.8
G139.0	1.7	2.0	1.8	2.1	2.1	2.2	1.5	1.4	1.8	1.8
G140.0	1.9	2.2	2.0	2.3	2.2	2.5	1.5	1.4	2.0	2.0
G141.0	2.2	2.4	2.2	2.7	2.4	2.6	1.7	1.6	2.2	2.1
G142.0	2.3	2.4	2.3	2.8	2.6	2.8	1.8	2.0	2.2	2.3
G143.0	2.4	2.5	2.6	2.8	2.7	2.8	2.0	2.2	2.5	2.4
G144.0	2.5	2.7	2.6	3.2	2.8	3.0	2.0	2.5	2.5	2.7
G145.0	2.8	2.8	2.8	3.2	3.0	3.3	2.3	2.7	2.7	2.7
G146.0	2.8	2.8	3.0	3.3	3.3	3.5	2.6	2.5	2.8	3.0
G147.0	3.1	3.2	3.1	3.4	3.5	3.4	2.7	2.5	3.0	3.1

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 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	3.2	3.3	3.2	3.6	3.6	3.6	2.9	2.8	3.1	3.2
G149.0	3.2	3.5	3.4	3.7	3.6	3.8	3.1	3.0	3.4	3.1
G150.0	3.7	3.5	3.6	3.8	3.7	3.8	3.3	3.3	3.5	3.5
G151.0	3.9	3.9	3.8	4.0	4.0	3.9	3.5	3.2	3.9	3.6
G152.0	3.9	3.8	3.8	4.2	4.1	4.0	3.7	3.5	3.9	3.8
G153.0	4.3	4.0	4.0	4.2	4.3	4.1	3.8	3.6	4.1	3.9
G154.0	4.3	4.1	4.0	4.3	4.6	4.3	3.9	3.9	4.2	4.0
G155.0	4.6	4.3	4.1	4.4	4.5	4.5	4.2	3.9	4.4	4.3
G156.0	4.7	4.5	4.3	4.6	4.7	4.6	4.4	3.9	4.5	4.4
G157.0	4.8	4.7	4.3	4.8	4.6	4.8	4.6	4.1	4.7	4.6
G158.0	4.9	4.9	4.6	4.9	5.0	4.9	4.6	4.2	4.9	4.7
G159.0	5.0	5.0	4.4	5.0	5.1	5.2	4.7	4.3	5.0	4.8
G160.0	5.1	5.0	4.7	5.1	5.2	5.3	4.7	4.6	5.1	5.0
G161.0	5.4	5.2	4.6	5.2	5.3	5.4	5.0	4.6	5.2	5.0
G162.0	5.4	5.3	4.7	5.3	5.3	5.3	5.1	4.9	5.3	5.2
G163.0	5.2	5.4	5.0	5.4	5.5	5.2	5.1	4.9	5.3	5.1
G164.0	5.4	5.5	5.0	5.6	5.5	5.3	5.3	4.9	5.4	5.3
G165.0	5.5	5.3	5.1	5.7	5.8	5.5	5.3	4.9	5.6	5.5
G166.0	5.4	5.5	5.0	5.7	5.8	5.8	5.4	5.0	5.5	5.6
G167.0	5.6	5.6	5.1	5.7	5.8	5.6	5.4	5.1	5.6	5.6
G168.0	5.6	5.7	5.1	5.9	5.9	6.0	5.7	5.3	5.8	5.8
G169.0	5.8	5.6	5.2	5.8	6.0	6.0	5.7	5.2	5.8	5.9
G170.0	5.7	5.7	5.2	5.9	5.9	5.8	5.7	5.5	5.8	5.9
G171.0	5.8	5.6	5.4	6.0	5.9	5.9	5.7	5.6	5.8	5.8
G172.0	5.8	5.8	5.4	6.1	5.9	6.0	5.8	5.5	5.8	6.0
G173.0	5.8	5.7	5.4	6.0	6.1	6.1	5.8	5.5	6.0	6.1
G174.0	6.0	5.8	5.5	6.1	6.0	6.3	5.5	5.8	6.0	6.3
G175.0	5.8	5.8	5.4	6.2	6.1	6.1	5.7	5.8	6.0	6.2
G176.0	5.9	5.8	5.5	6.2	6.1	6.1	5.6	5.8	6.1	6.1
G177.0	5.8	5.9	5.6	6.3	6.2	6.1	5.6	5.6	6.0	6.3
G178.0	5.8	5.8	5.5	6.3	6.1	6.4	5.7	5.6	5.9	6.2
G179.0	6.1	5.9	5.8	6.4	6.1	6.1	5.8	5.6	6.1	6.2
G180.0	6.0	5.9	5.6	6.1	6.0	5.9	5.7	5.7	6.0	6.1

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1443.6	1442.4	1444.0							
G1.0	1452.4	1443.4	1432.1							
G2.0	1441.6	1442.7	1416.3							
G3.0	1427.7	1422.7	1380.5							
G4.0	1403.9	1397.5	1345.0							
G5.0	1366.7	1368.8	1303.8							
G6.0	1323.4	1330.5	1259.1							
G7.0	1275.4	1291.3	1205.8							
G8.0	1229.3	1244.7	1158.9							
G9.0	1174.1	1194.9	1105.7							
G10.0	1126.0	1140.9	1047.2							
G11.0	1064.1	1086.4	993.3							
G12.0	1006.8	1034.5	932.8							
G13.0	952.7	975.3	876.9							
G14.0	896.1	923.9	820.8							
G15.0	837.9	862.2	766.5							
G16.0	776.7	807.9	706.8							
G17.0	719.9	756.6	656.6							
G18.0	666.9	708.7	604.9							
G19.0	617.5	660.1	556.8							
G20.0	563.6	607.6	506.8							
G21.0	513.5	560.3	464.3							
G22.0	467.4	519.0	422.8							
G23.0	423.6	476.0	385.1							
G24.0	381.9	433.0	342.2							
G25.0	340.3	394.7	307.6							
G26.0	304.9	358.0	274.2							
G27.0	272.0	321.9	243.9							
G28.0	242.8	288.7	214.8							
G29.0	212.2	255.1	185.9							
G30.0	186.9	225.1	162.1							
G31.0	164.1	198.6	140.4							
G32.0	142.7	172.9	119.1							
G33.0	122.7	147.4	102.2							
G34.0	106.2	127.2	87.8							
G35.0	92.4	109.2	75.1							
G36.0	80.5	93.5	63.7							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0						
G37.0	69.6	78.5	55.1						
G38.0	61.9	67.3	48.3						
G39.0	54.9	58.0	42.5						
G40.0	49.1	50.0	37.6						
G41.0	43.9	43.0	33.4						
G42.0	39.3	38.2	30.1						
G43.0	35.7	33.8	27.1						
G44.0	32.5	30.5	24.4						
G45.0	29.7	27.5	21.7						
G46.0	26.5	24.4	19.4						
G47.0	23.7	22.1	17.5						
G48.0	21.2	19.9	15.2						
G49.0	18.9	18.0	13.4						
G50.0	16.5	15.8	11.7						
G51.0	13.9	14.2	10.3						
G52.0	12.2	12.5	9.2						
G53.0	10.8	11.3	7.7						
G54.0	9.1	10.0	6.8						
G55.0	7.7	8.6	6.0						
G56.0	6.8	7.8	5.6						
G57.0	5.6	6.9	5.1						
G58.0	5.0	6.3	4.7						
G59.0	4.5	5.8	4.4						
G60.0	4.2	5.7	4.3						
G61.0	4.0	5.5	4.1						
G62.0	3.7	5.1	3.7						
G63.0	3.4	4.7	3.5						
G64.0	3.3	4.5	3.0						
G65.0	3.1	4.1	2.6						
G66.0	2.8	3.5	2.2						
G67.0	2.4	2.9	1.6						
G68.0	2.2	2.5	1.4						
G69.0	1.7	2.0	1.0						
G70.0	1.5	1.6	0.0						
G71.0	1.3	1.7	0.0						
G72.0	1.2	1.3	0.0						
G73.0	0.0	1.4	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 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	0.0	1.3	0.0							
G75.0	0.0	1.3	0.0							
G76.0	0.0	1.0	0.0							
G77.0	0.0	1.0	0.0							
G78.0	0.0	0.0	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	0.0	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	0.0	1.1	0.0						
G128.0	1.1	1.1	0.0						
G129.0	1.2	1.3	0.0						
G130.0	1.4	1.2	0.0						
G131.0	1.3	1.3	0.0						
G132.0	1.5	1.4	0.0						
G133.0	1.5	1.5	1.0						
G134.0	1.5	1.6	1.2						
G135.0	1.6	1.6	1.5						
G136.0	1.6	1.6	1.5						
G137.0	1.5	1.7	1.5						
G138.0	1.7	1.8	1.8						
G139.0	2.0	1.9	1.7						
G140.0	2.0	2.2	1.9						
G141.0	2.0	2.4	2.2						
G142.0	2.2	2.3	2.3						
G143.0	2.4	2.6	2.4						
G144.0	2.5	2.6	2.5						
G145.0	2.8	2.8	2.8						
G146.0	3.0	2.8	2.8						
G147.0	3.2	3.3	3.1						

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	3.4	3.3	3.2							
G149.0	3.5	3.7	3.2							
G150.0	3.5	3.5	3.7							
G151.0	3.9	3.8	3.9							
G152.0	3.9	4.0	3.9							
G153.0	3.9	4.1	4.3							
G154.0	4.0	4.1	4.3							
G155.0	4.2	4.3	4.6							
G156.0	4.3	4.6	4.7							
G157.0	4.5	4.7	4.8							
G158.0	4.7	4.7	4.9							
G159.0	4.8	5.2	5.0							
G160.0	5.0	5.2	5.1							
G161.0	5.2	5.2	5.4							
G162.0	5.1	5.3	5.4							
G163.0	5.3	5.7	5.2							
G164.0	5.4	5.7	5.4							
G165.0	5.5	5.7	5.5							
G166.0	5.7	5.8	5.4							
G167.0	5.7	5.8	5.6							
G168.0	5.5	5.8	5.6							
G169.0	5.7	6.0	5.8							
G170.0	5.5	6.1	5.7							
G171.0	5.7	6.0	5.8							
G172.0	5.6	6.3	5.8							
G173.0	6.1	6.2	5.8							
G174.0	5.9	6.2	6.0							
G175.0	5.8	6.2	5.8							
G176.0	5.8	6.3	5.9							
G177.0	5.9	6.1	5.8							
G178.0	5.9	6.0	5.8							
G179.0	5.8	6.0	6.1							
G180.0	6.1	6.1	6.0							

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: