

Report No.:

Test Time: 2021/9/15 20:15

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Luminaire Description: MLS054W12V27KD(25°,黑胶)

Lamp Catalog: L150-2780500600000 (K3A2流明)

Lamp Description: MSPI-DDC1T2S-500 (3.52W)

Number of Lamps:

Lumens per Lamp:

Luminous Length (mm):

Luminous Width (mm):

Luminous Height (mm):

Voltage: 12.4 V

Current: 0.364 A

Power: 3.52 W

Power Factor: 0.778

Volt Amps: 4.52 VA

Photometric Results

CIE Class: Direct

Measurement Flux: 338.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(25%,50%,75%,100%): H43.6,H30.8,H19.2,H2

Vertical Diffuse Angle(25%,50%,75%,100%): V43.4,V30.6,V19,V1

Luminaire Efficacy Rating (LER): 96.28

Max. Intensity: 896.78 cd

S/MH(C0/C180): 0.51

Total Rated Lamp Lumens: 338.7 lm

Efficiency: 100%

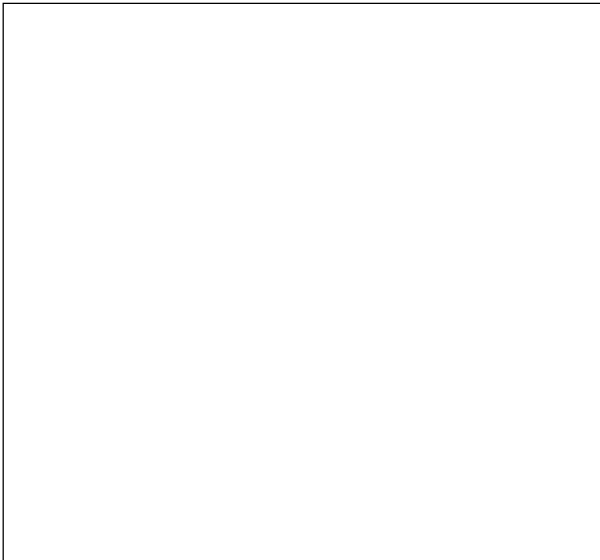
Upward Ratio: 1%

C0r0 Intensity: 874.89 cd

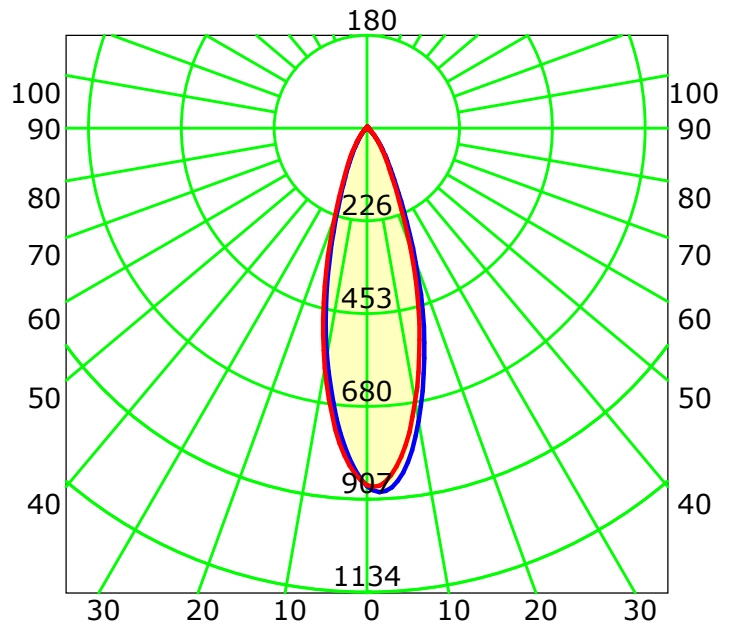
Pos of Max. Intensity: H30 V3

S/MH(C90/C270): 0.51

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 30.6°

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0 C270

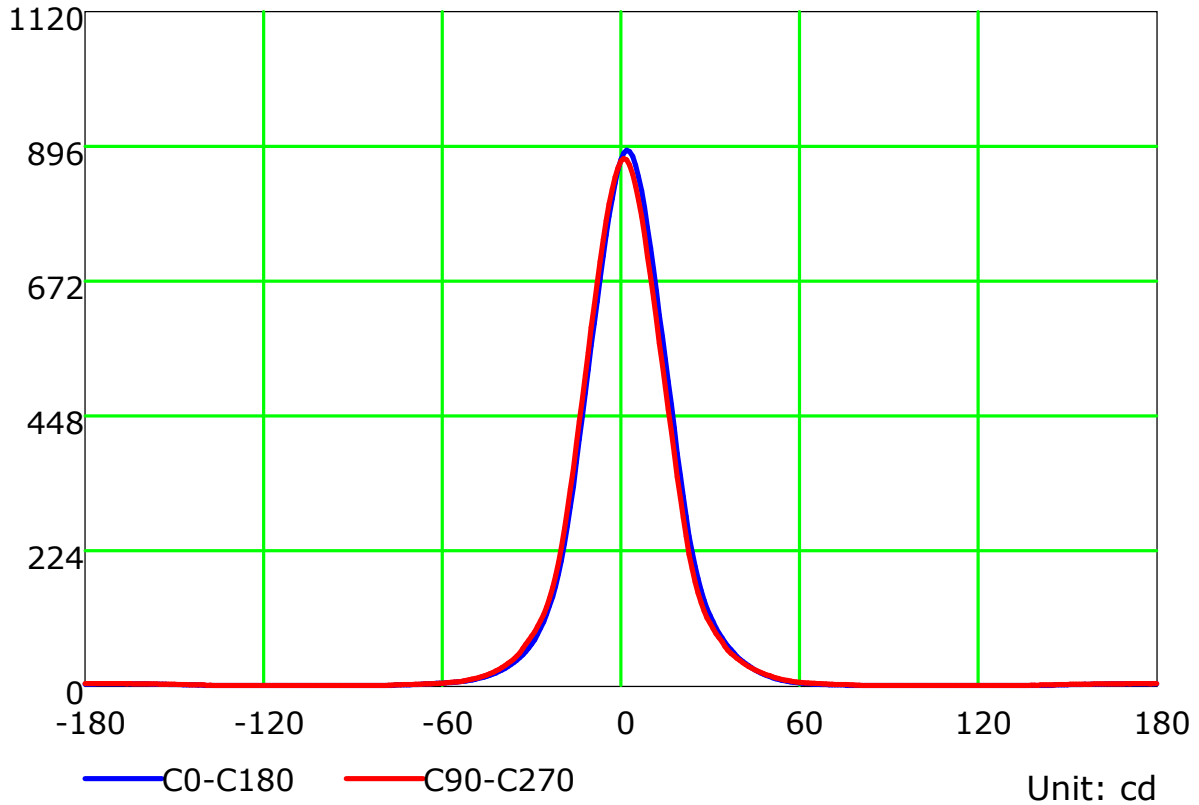
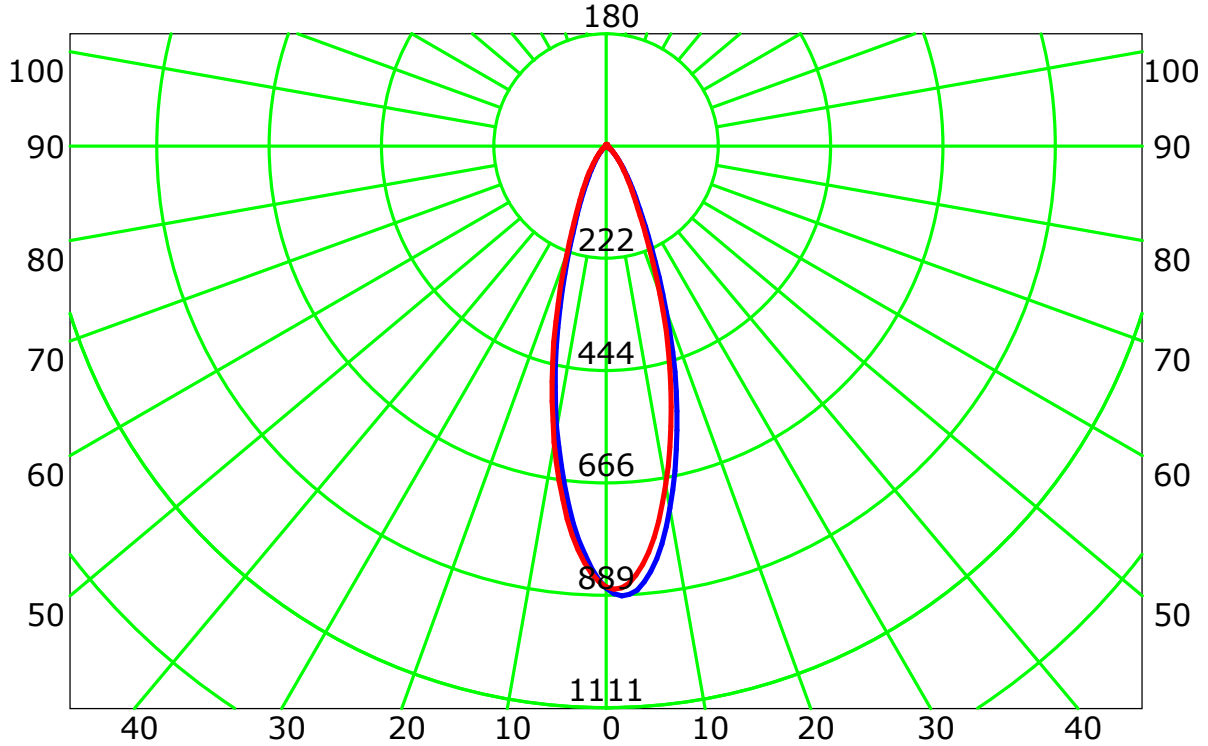
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

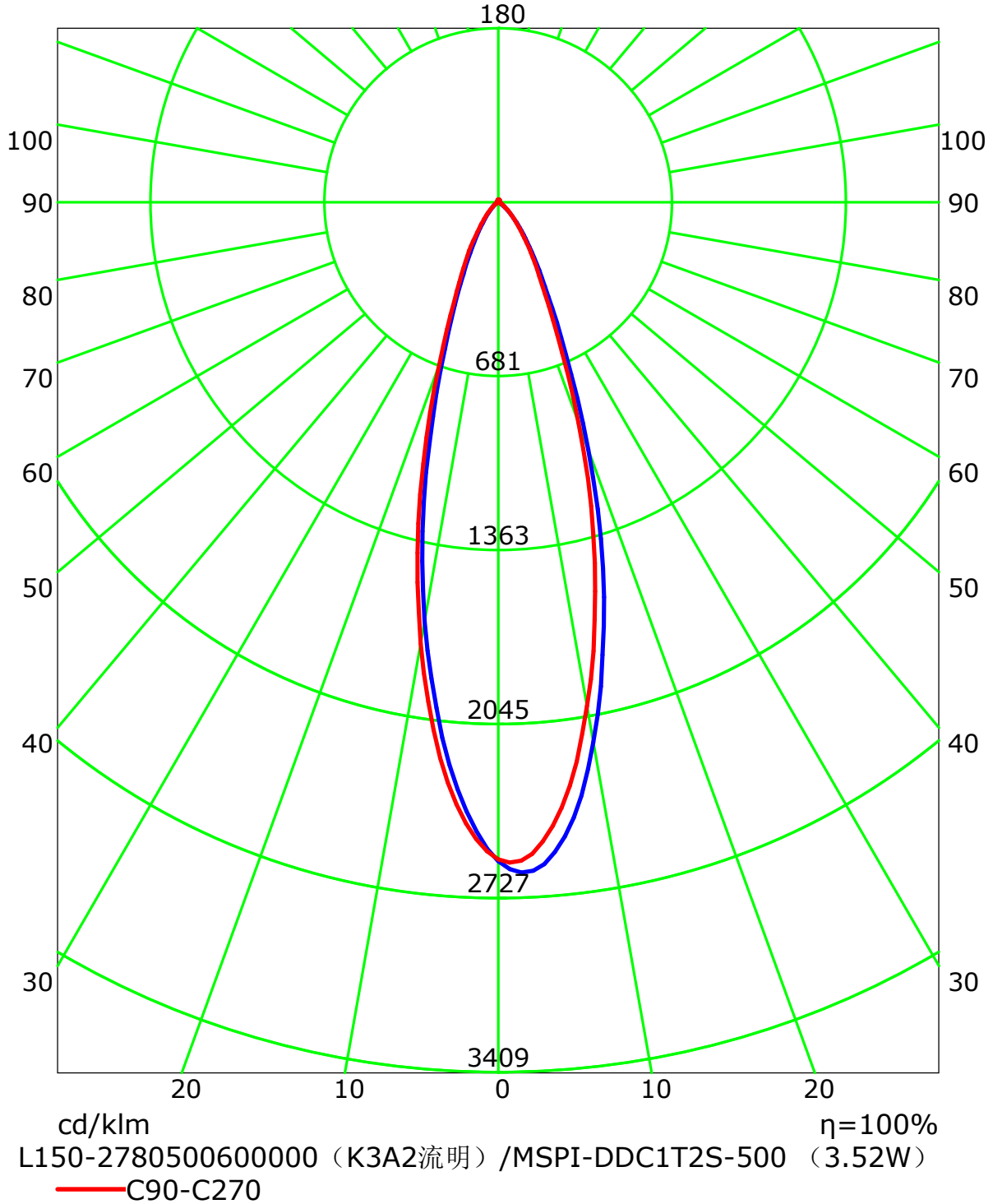
Luminous Intensity Distribution Curve



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)



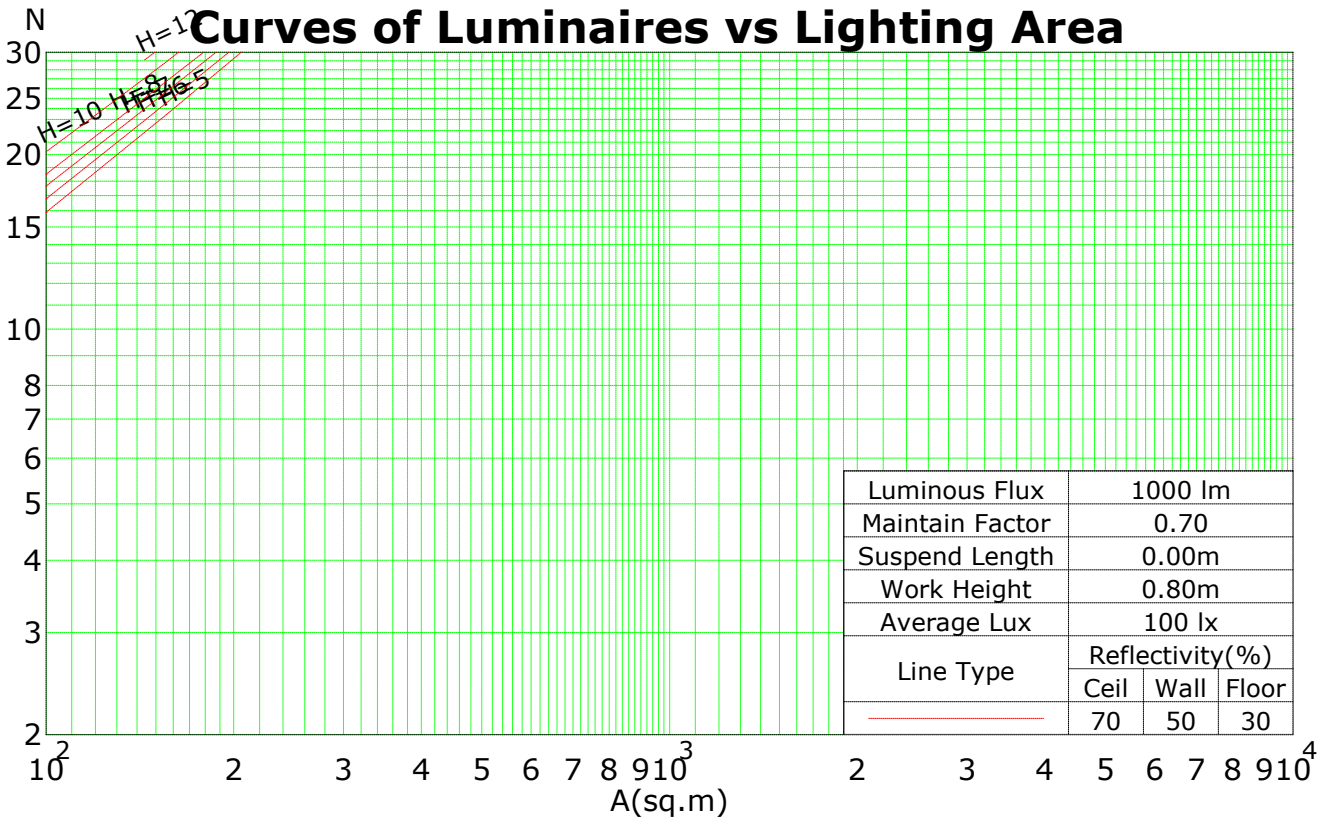
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	0.99
1	1.14	1.11	1.09	1.07	1.11	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	0.98	0.97	0.96	0.95	0.94
2	1.09	1.04	1.00	0.97	1.06	1.02	0.99	0.96	0.99	0.96	0.94	0.96	0.94	0.92	0.93	0.91	0.90	0.88
3	1.04	0.98	0.94	0.90	1.02	0.97	0.92	0.89	0.94	0.90	0.88	0.91	0.89	0.86	0.89	0.87	0.85	0.83
4	0.99	0.93	0.88	0.84	0.98	0.91	0.87	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.79
5	0.95	0.88	0.83	0.79	0.94	0.87	0.82	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.76	0.75
6	0.91	0.83	0.78	0.74	0.90	0.83	0.78	0.74	0.81	0.77	0.73	0.80	0.76	0.73	0.78	0.75	0.72	0.71
7	0.88	0.79	0.74	0.70	0.86	0.79	0.74	0.70	0.78	0.73	0.70	0.76	0.72	0.69	0.75	0.72	0.69	0.68
8	0.84	0.76	0.71	0.67	0.83	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.65
9	0.81	0.73	0.67	0.64	0.80	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.62
10	0.78	0.70	0.65	0.61	0.77	0.69	0.64	0.61	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.59

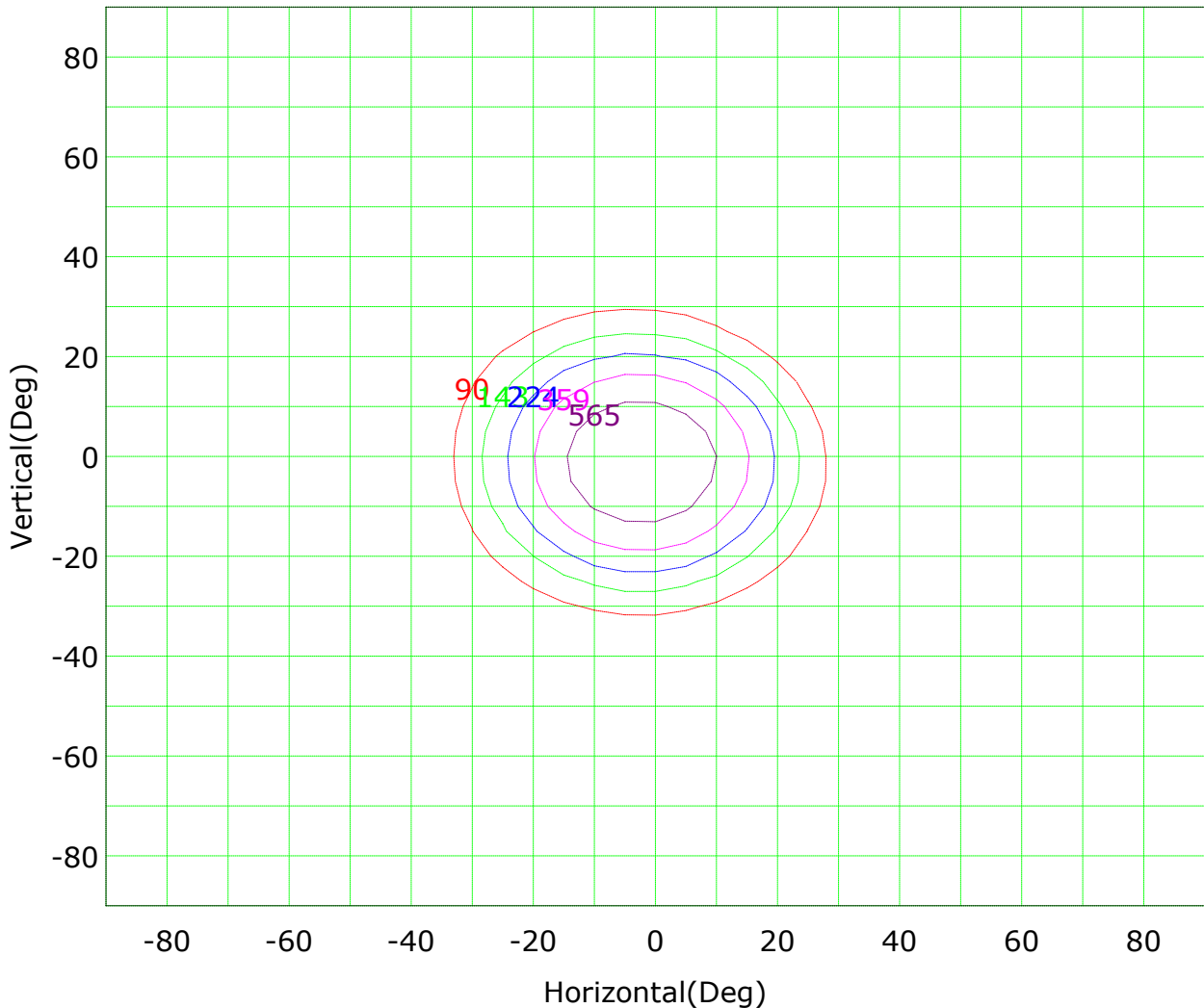
Spacing Criteria (0-180): 0.51
 Spacing Criteria (90-270): 0.51
 Spacing Criteria (Diagonal): 0.53



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%): 897 cd

— (10%):	90 cd	— (16%):	143 cd
— (25%):	224 cd	— (40%):	359 cd
— (63%):	565 cd	— (100%):	897 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

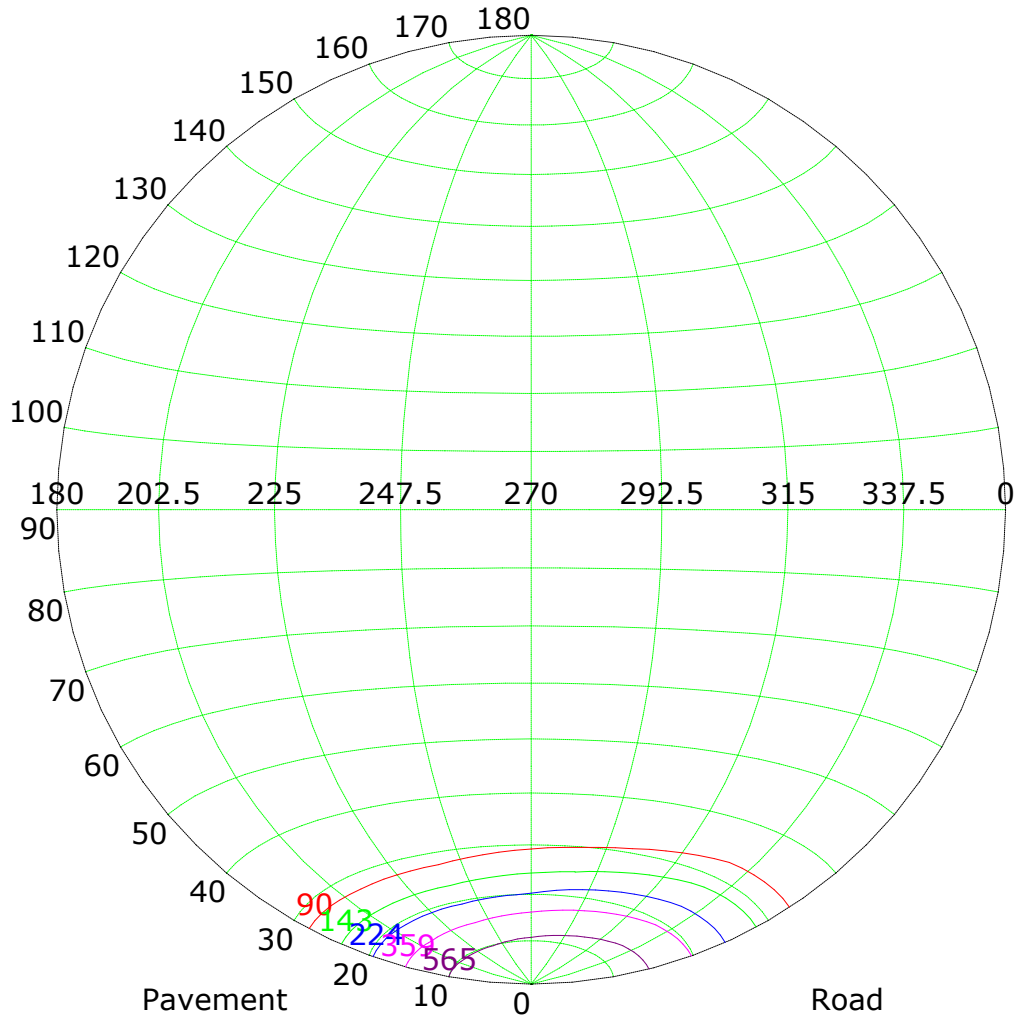
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 897 cd

— (10%):	90 cd	— (16%):	143 cd
— (25%):	224 cd	— (40%):	359 cd
— (63%):	565 cd	— (100%):	897 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

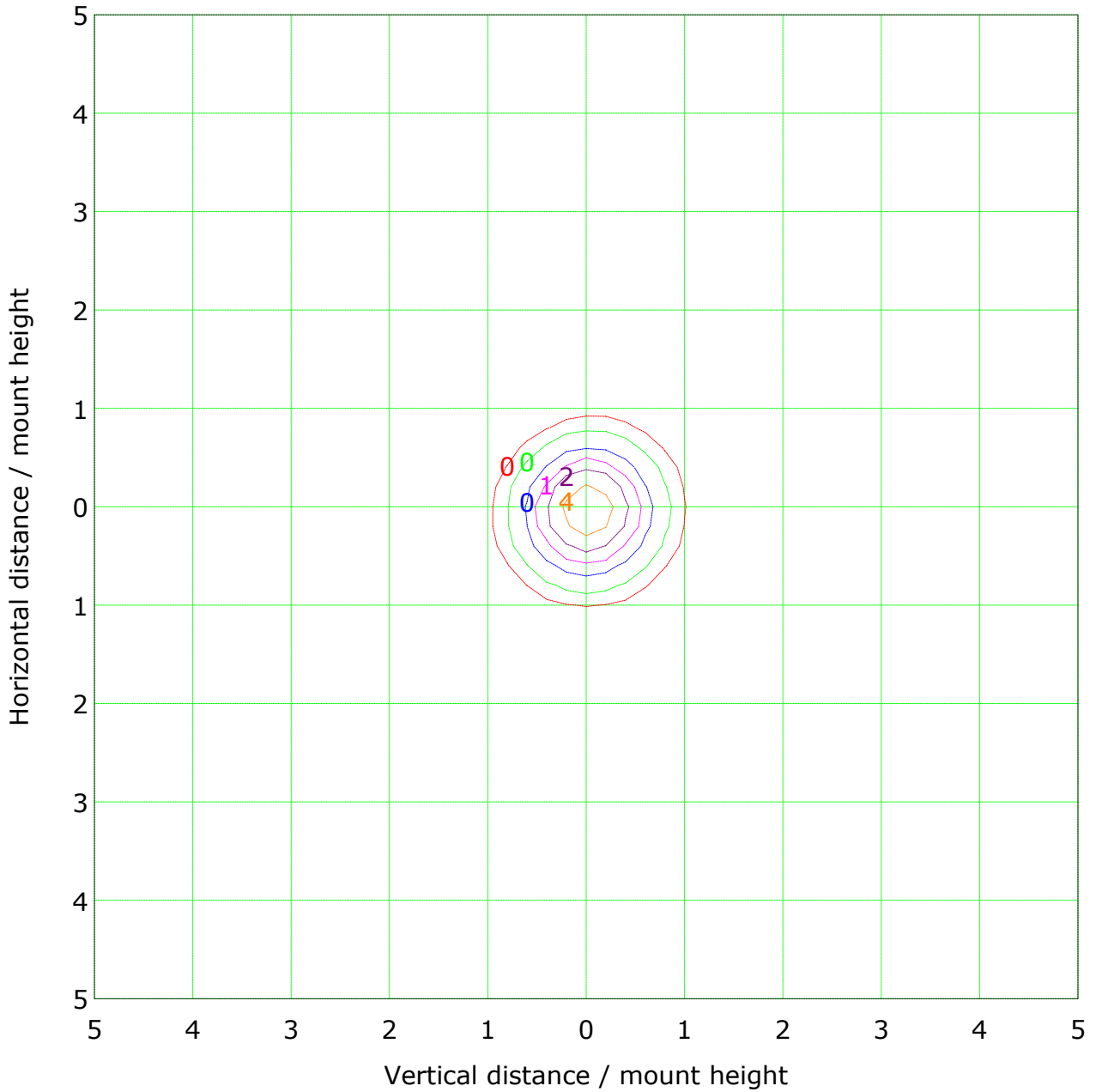
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 8.9 lx	
<ul style="list-style-type: none"> — (1%): 0.1 lx — (5%): 0.4 lx — (20%): 1.8 lx — (100%): 8.9 lx 	<ul style="list-style-type: none"> — (2%): 0.2 lx — (10%): 0.9 lx — (50%): 4.5 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

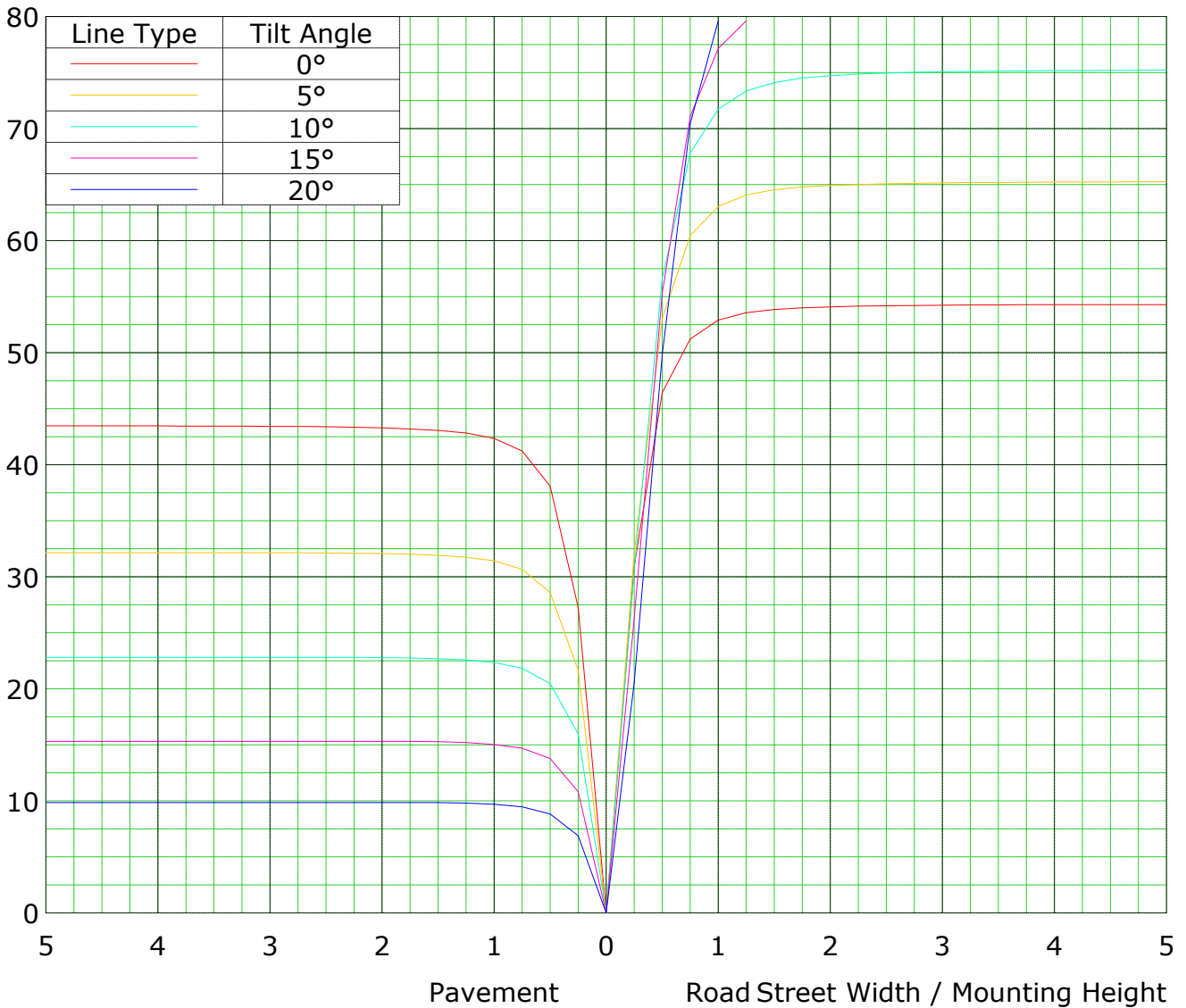
Distance: 11.573 m [K=1.0000]

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]

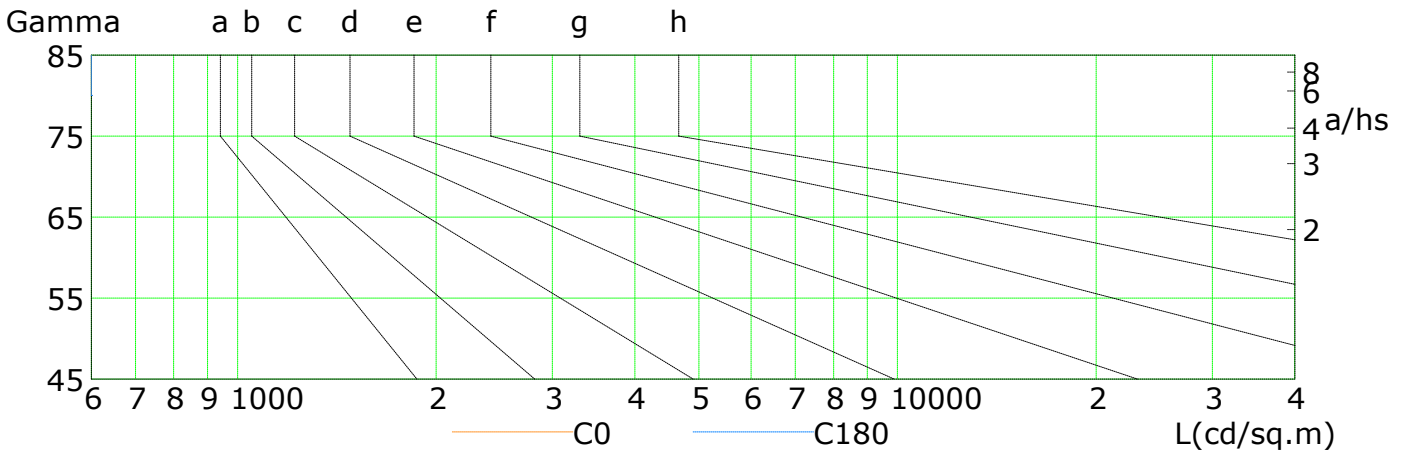
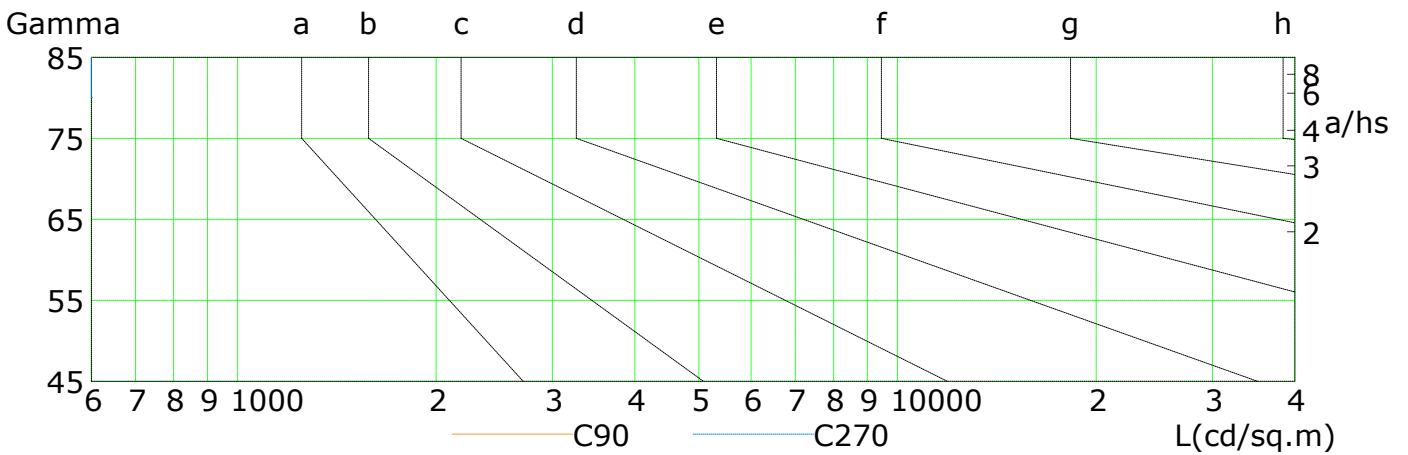
Humidity:

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	27	15	8	4	3	2	1	0	0
C90	26	17	10	6	4	3	2	1	0
C180	16	9	6	4	3	2	1	0	0
C270	18	11	6	4	3	2	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

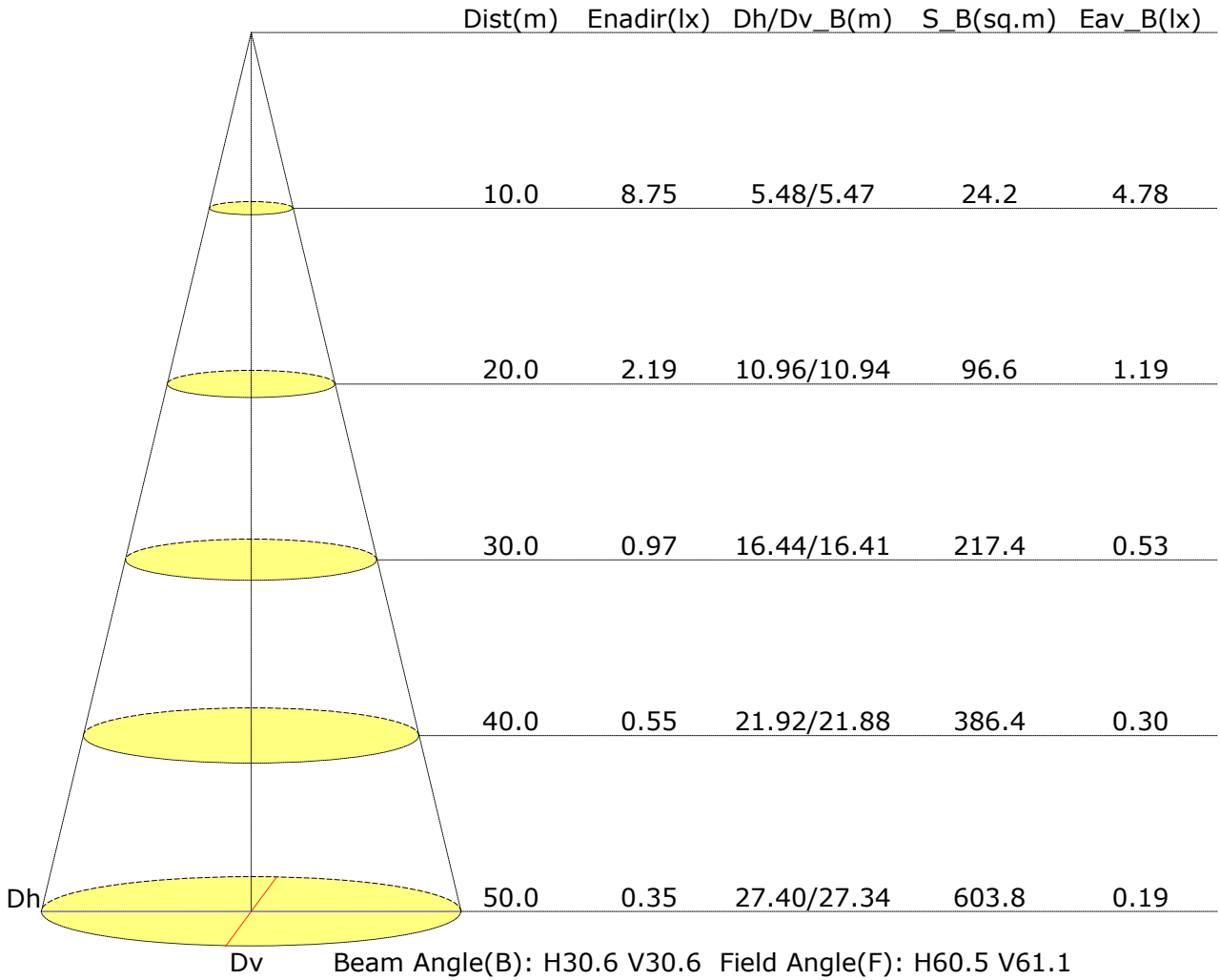
Test Device: GPM-1800B

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

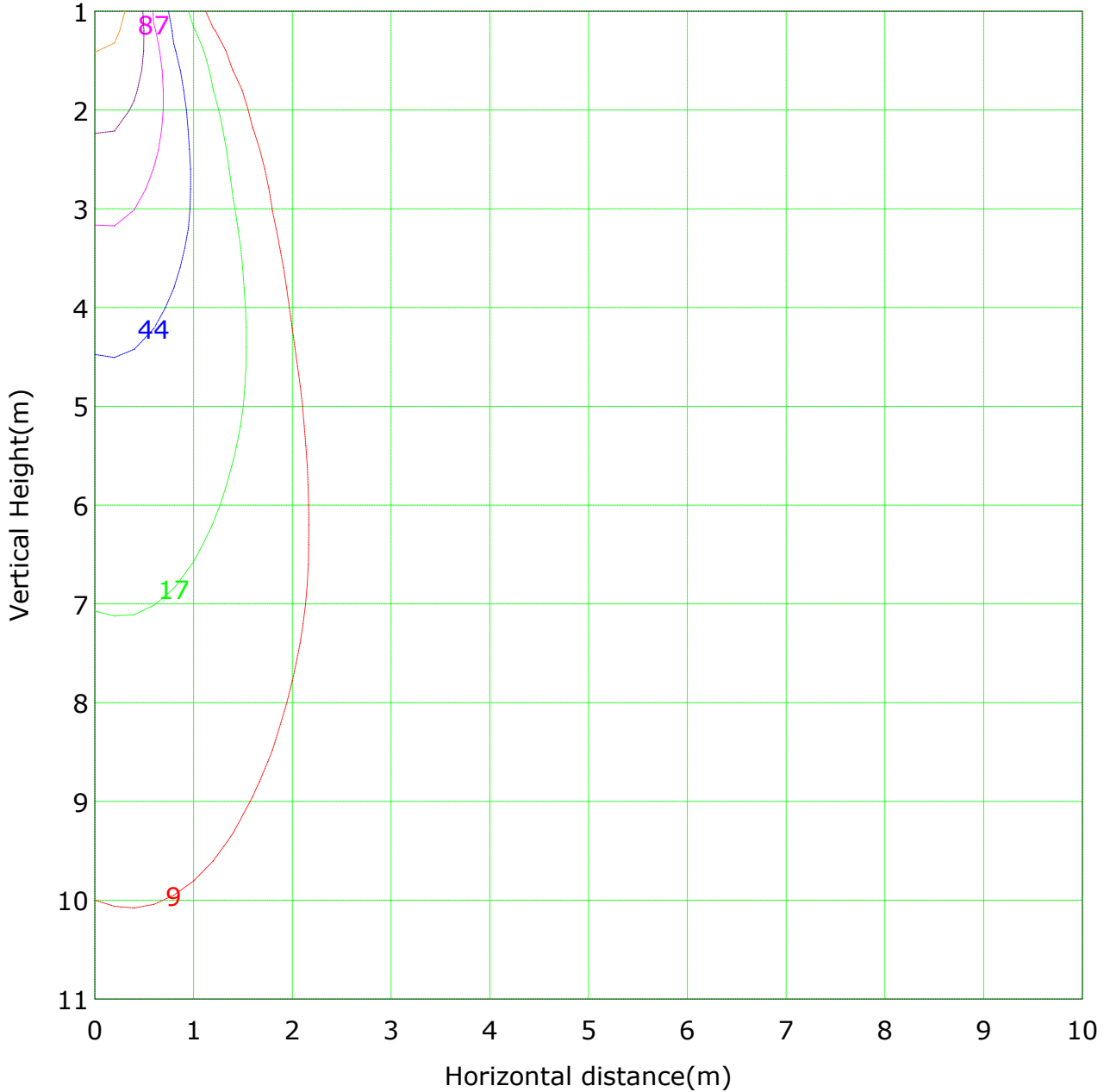
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 874.9 lx
— (1%): 8.7 lx	— (2%): 17.5 lx	
— (5%): 43.7 lx	— (10%): 87.5 lx	
— (20%): 175.0 lx	— (50%): 437.4 lx	
— (100%): 874.9 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

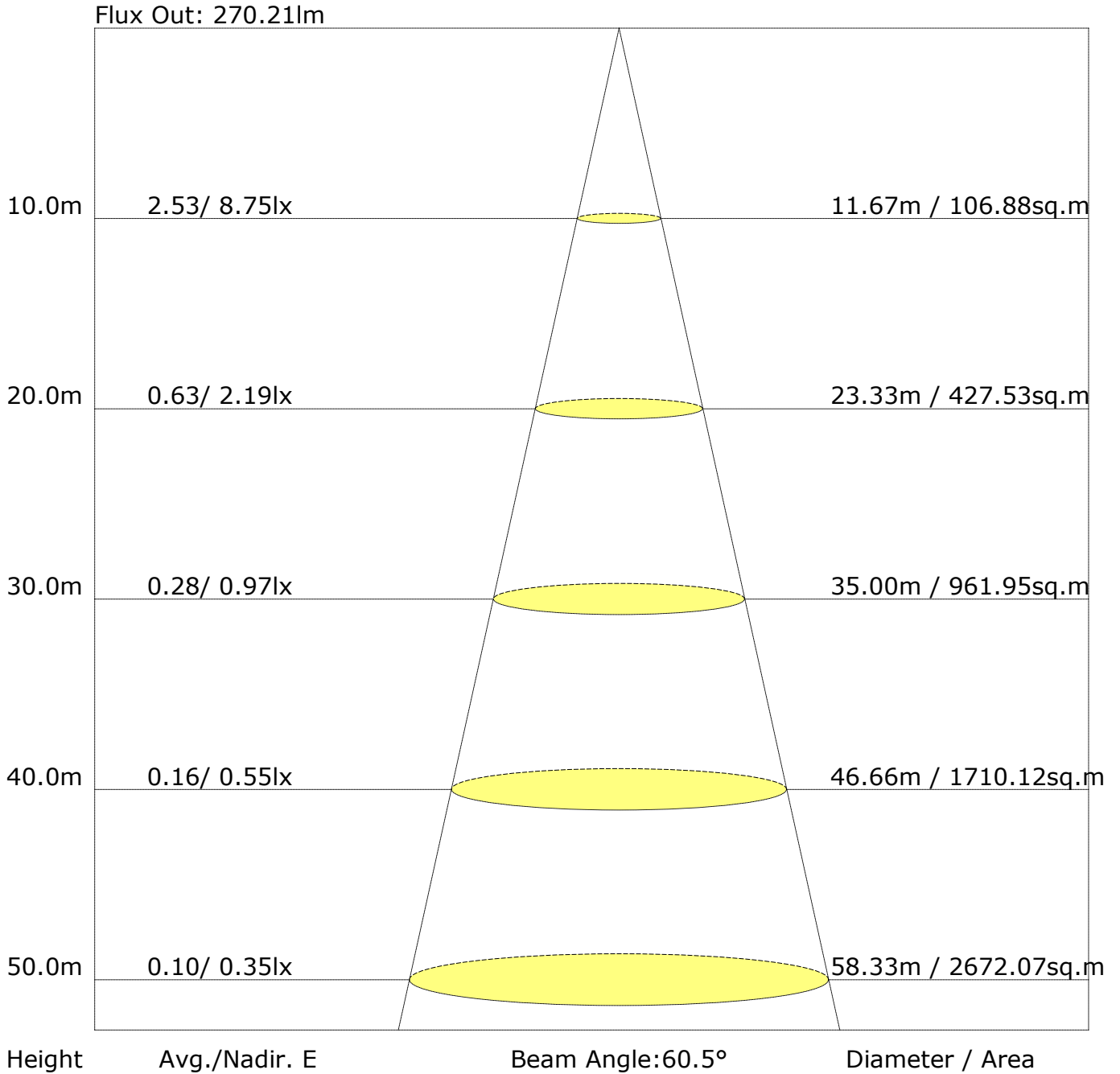
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.3	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	0.9	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	2.5	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	6.6	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	7.7	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	35.3	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	72.3	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.9	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	53.0	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	19.1	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	1.4	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	0.0
	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	0.0
	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	0.0
	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	0.0
	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
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	
																					335	272

Unit: lm

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



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

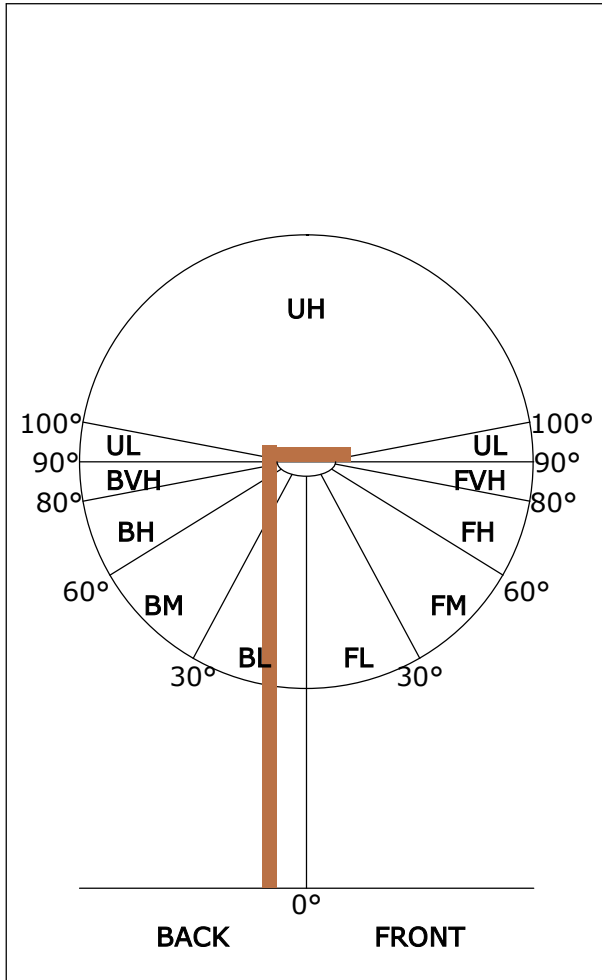
Reflectance:											
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$

Calculate in accordance with CIE 190:2010 The table is revised with 339lm ($8\log(F/F_0) = -3.8$).

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



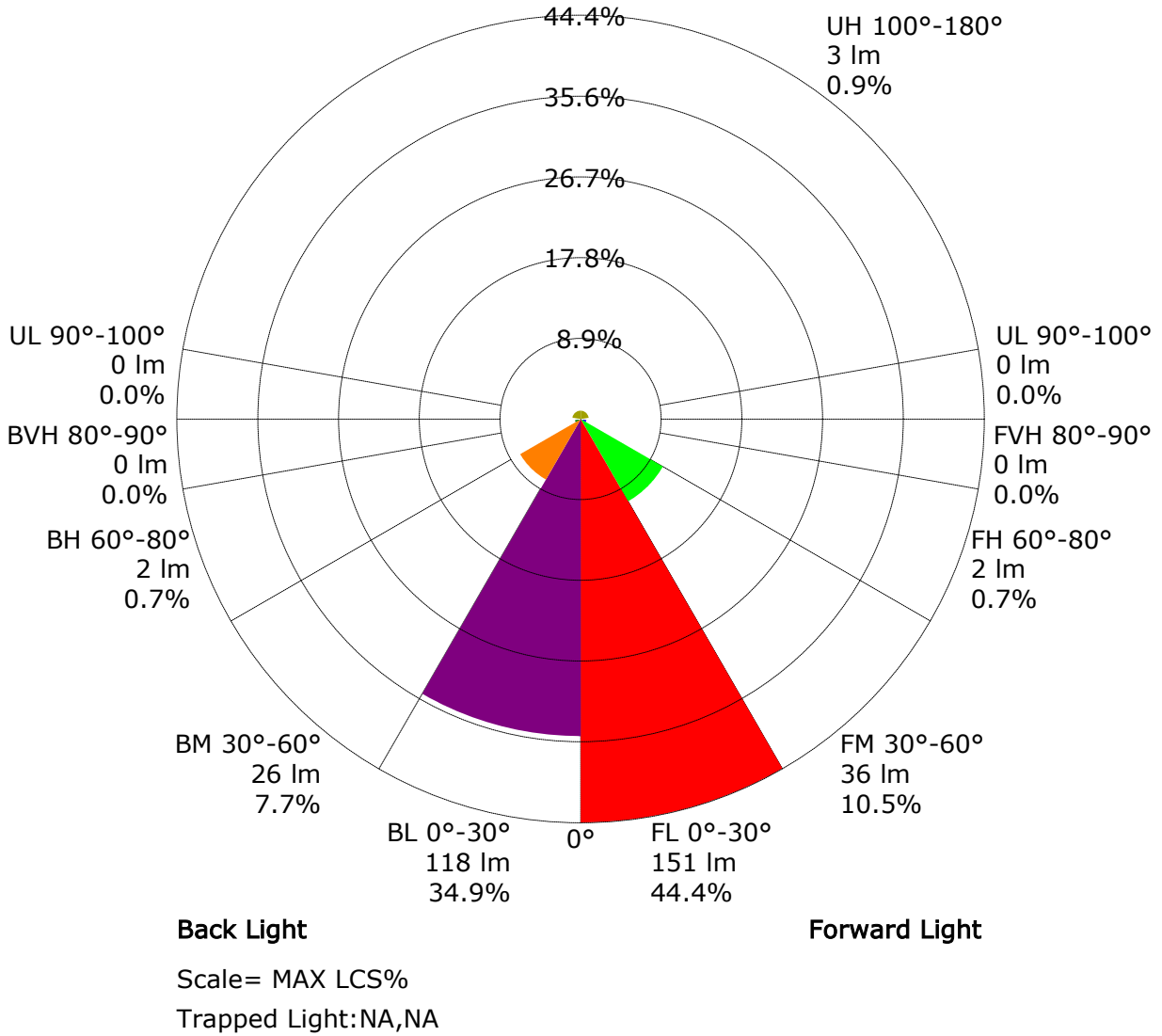
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	189	55.7
FL (0°-30°)	151	44.4
FM (30°-60°)	36	10.5
FH (60°-80°)	2	0.7
FVH (80°-90°)	0	0.0
BACK LIGHT	147	43.4
BL (0°-30°)	118	34.9
BM (30°-60°)	26	7.7
BH (60°-80°)	2	0.7
BVH (80°-90°)	0	0.0
UP LIGHT	3	0.9
UL (90°-100°)	0	0.0
UH (100°-180°)	3	0.9
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G0

C Plane (°):0.0-360.0: 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



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(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	0.95	0.99	1.01	1.05	1.07	1.09	1.11	1.12
	0.30		0.86	0.91	0.95	0.98	1.02	1.04	1.06	1.09	1.11
	0.20		0.83	0.88	0.92	0.95	0.99	1.02	1.04	1.07	1.09
0.50	0.50	0.20	0.88	0.93	0.97	0.99	1.02	1.04	1.05	1.07	1.08
	0.30		0.85	0.90	0.93	0.96	0.99	1.02	1.03	1.05	1.07
	0.20		0.82	0.87	0.91	0.94	0.97	1.00	1.02	1.04	1.05
0.30	0.50	0.20	0.87	0.92	0.95	0.97	0.99	1.01	1.02	1.03	1.04
	0.30		0.84	0.89	0.92	0.94	0.97	0.99	1.00	1.02	1.03
	0.20		0.82	0.87	0.90	0.92	0.95	0.98	0.99	1.01	1.02
0.00	0.00	0.00	0.80	0.85	0.88	0.90	0.92	0.94	0.95	0.96	0.97
<p>Rating:4W 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	0.52	0.42	0.36	0.31	0.25	0.20	0.17	0.13	0.11
	0.30		0.43	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.10
	0.20		0.37	0.32	0.28	0.25	0.20	0.17	0.15	0.12	0.10
0.50	0.50	0.20	0.49	0.40	0.33	0.29	0.23	0.23	0.16	0.12	0.10
	0.30		0.42	0.34	0.29	0.26	0.21	0.17	0.15	0.11	0.09
	0.20		0.36	0.30	0.26	0.23	0.19	0.16	0.14	0.11	0.09
0.30	0.50	0.20	0.47	0.37	0.31	0.27	0.21	0.17	0.14	0.11	0.09
	0.30		0.40	0.33	0.28	0.24	0.19	0.16	0.13	0.10	0.09
	0.20		0.35	0.29	0.25	0.22	0.18	0.15	0.13	0.10	0.08
0.00	0.00	0.00	0.21	0.16	0.13	0.11	0.09	0.07	0.06	0.04	0.04
<p>Rating:4W 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	0.14	0.16	0.18	0.18	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.50	0.50	0.20	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.18	0.19
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:4W Photometrically tested without ceiling board.
 Multiply UF values by service correction factors
 Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 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	871.6	0.8	0.8	0.25	0.25
1.0-2.0	865.8	2.5	3.3	0.73	0.98
2.0-3.0	854.5	4.1	7.4	1.21	2.19
3.0-4.0	837.7	5.6	13.0	1.66	3.84
4.0-5.0	816.3	7.0	20.0	2.07	5.92
5.0-6.0	791.0	8.3	28.4	2.45	8.37
6.0-7.0	761.7	9.5	37.8	2.79	11.16
7.0-8.0	729.7	10.4	48.3	3.08	14.25
8.0-9.0	695.8	11.3	59.5	3.33	17.58
9.0-10.0	660.0	11.9	71.5	3.53	21.10
10.0-11.0	623.4	12.5	83.9	3.68	24.78
11.0-12.0	586.2	12.8	96.8	3.78	28.56
12.0-13.0	548.3	13.0	109.8	3.84	32.41
13.0-14.0	510.4	13.1	122.8	3.86	36.26
14.0-15.0	472.5	13.0	135.8	3.83	40.09
15.0-16.0	434.7	12.7	148.5	3.76	43.85
16.0-17.0	397.3	12.4	160.9	3.65	47.51
17.0-18.0	361.2	11.9	172.8	3.52	51.02
18.0-19.0	326.5	11.4	184.2	3.35	54.38
19.0-20.0	292.8	10.7	194.9	3.16	57.54
20.0-21.0	261.6	10.0	204.9	2.97	60.51
21.0-22.0	233.2	9.4	214.3	2.77	63.28
22.0-23.0	207.4	8.7	223.0	2.57	65.84
23.0-24.0	184.4	8.1	231.1	2.38	68.23
24.0-25.0	164.5	7.5	238.6	2.21	70.44
25.0-26.0	147.2	6.9	245.5	2.05	72.49
26.0-27.0	132.0	6.5	252.0	1.91	74.39
27.0-28.0	119.0	6.0	258.0	1.78	76.17
28.0-29.0	107.6	5.6	263.6	1.66	77.83
29.0-30.0	97.6	5.3	268.9	1.56	79.39
30.0-31.0	89.0	5.0	273.9	1.46	80.85
31.0-32.0	81.3	4.7	278.5	1.37	82.23
32.0-33.0	74.0	4.4	282.9	1.29	83.52
33.0-34.0	67.3	4.1	287.0	1.20	84.72
34.0-35.0	61.0	3.8	290.7	1.12	85.84
35.0-36.0	55.1	3.5	294.3	1.04	86.87

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 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	49.9	3.3	297.5	0.96	87.84
37.0-38.0	45.4	3.0	300.5	0.89	88.73
38.0-39.0	41.4	2.8	303.4	0.83	89.56
39.0-40.0	37.6	2.6	306.0	0.77	90.34
40.0-41.0	34.1	2.4	308.4	0.72	91.06
41.0-42.0	31.0	2.3	310.7	0.67	91.72
42.0-43.0	28.2	2.1	312.8	0.62	92.34
43.0-44.0	25.6	1.9	314.7	0.57	92.91
44.0-45.0	23.2	1.8	316.5	0.53	93.43
45.0-46.0	20.9	1.6	318.1	0.48	93.92
46.0-47.0	19.0	1.5	319.6	0.45	94.36
47.0-48.0	17.1	1.4	321.0	0.41	94.77
48.0-49.0	15.4	1.3	322.3	0.37	95.15
49.0-50.0	13.9	1.2	323.4	0.34	95.49
50.0-51.0	12.5	1.1	324.5	0.31	95.80
51.0-52.0	11.3	1.0	325.5	0.29	96.09
52.0-53.0	10.1	0.9	326.3	0.26	96.35
53.0-54.0	9.1	0.8	327.1	0.24	96.58
54.0-55.0	8.2	0.7	327.9	0.22	96.80
55.0-56.0	7.5	0.7	328.6	0.20	97.00
56.0-57.0	6.8	0.6	329.2	0.18	97.18
57.0-58.0	6.1	0.6	329.7	0.17	97.35
58.0-59.0	5.6	0.5	330.3	0.15	97.50
59.0-60.0	5.1	0.5	330.7	0.14	97.65
60.0-61.0	4.7	0.4	331.2	0.13	97.78
61.0-62.0	4.3	0.4	331.6	0.12	97.90
62.0-63.0	3.9	0.4	332.0	0.11	98.01
63.0-64.0	3.6	0.4	332.3	0.11	98.12
64.0-65.0	3.4	0.3	332.7	0.10	98.22
65.0-66.0	3.1	0.3	333.0	0.09	98.31
66.0-67.0	2.9	0.3	333.3	0.09	98.39
67.0-68.0	2.7	0.3	333.5	0.08	98.47
68.0-69.0	2.5	0.3	333.8	0.08	98.55
69.0-70.0	2.3	0.2	334.0	0.07	98.62
70.0-71.0	2.1	0.2	334.3	0.06	98.68
71.0-72.0	1.9	0.2	334.5	0.06	98.74

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	1.8	0.2	334.6	0.05	98.80
73.0-74.0	1.6	0.2	334.8	0.05	98.85
74.0-75.0	1.5	0.2	335.0	0.05	98.89
75.0-76.0	1.3	0.1	335.1	0.04	98.93
76.0-77.0	1.0	0.1	335.2	0.03	98.96
77.0-78.0	0.9	0.1	335.3	0.03	98.99
78.0-79.0	0.7	0.1	335.4	0.02	99.01
79.0-80.0	0.5	0.1	335.4	0.02	99.03
80.0-81.0	0.3	0.0	335.5	0.01	99.04
81.0-82.0	0.2	0.0	335.5	0.01	99.05
82.0-83.0	0.1	0.0	335.5	0.00	99.05
83.0-84.0	0.0	0.0	335.5	0.00	99.05
84.0-85.0	0.0	0.0	335.5	0.00	99.05
85.0-86.0	0.0	0.0	335.5	0.00	99.05
86.0-87.0	0.0	0.0	335.5	0.00	99.05
87.0-88.0	0.0	0.0	335.5	0.00	99.05
88.0-89.0	0.0	0.0	335.5	0.00	99.05
89.0-90.0	0.0	0.0	335.5	0.00	99.05
90.0-91.0	0.0	0.0	335.5	0.00	99.05
91.0-92.0	0.0	0.0	335.5	0.00	99.05
92.0-93.0	0.0	0.0	335.5	0.00	99.05
93.0-94.0	0.0	0.0	335.5	0.00	99.05
94.0-95.0	0.0	0.0	335.5	0.00	99.05
95.0-96.0	0.0	0.0	335.5	0.00	99.05
96.0-97.0	0.0	0.0	335.5	0.00	99.05
97.0-98.0	0.0	0.0	335.5	0.00	99.05
98.0-99.0	0.0	0.0	335.5	0.00	99.05
99.0-100.0	0.0	0.0	335.5	0.00	99.05
100.0-101.0	0.0	0.0	335.5	0.00	99.05
101.0-102.0	0.0	0.0	335.5	0.00	99.05
102.0-103.0	0.0	0.0	335.5	0.00	99.05
103.0-104.0	0.0	0.0	335.5	0.00	99.05
104.0-105.0	0.0	0.0	335.5	0.00	99.05
105.0-106.0	0.0	0.0	335.5	0.00	99.05
106.0-107.0	0.0	0.0	335.5	0.00	99.05
107.0-108.0	0.0	0.0	335.5	0.00	99.05

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	335.5	0.00	99.05
109.0-110.0	0.0	0.0	335.5	0.00	99.05
110.0-111.0	0.0	0.0	335.5	0.00	99.05
111.0-112.0	0.0	0.0	335.5	0.00	99.05
112.0-113.0	0.0	0.0	335.5	0.00	99.05
113.0-114.0	0.0	0.0	335.5	0.00	99.05
114.0-115.0	0.0	0.0	335.5	0.00	99.05
115.0-116.0	0.0	0.0	335.5	0.00	99.05
116.0-117.0	0.0	0.0	335.5	0.00	99.05
117.0-118.0	0.0	0.0	335.5	0.00	99.05
118.0-119.0	0.0	0.0	335.5	0.00	99.05
119.0-120.0	0.0	0.0	335.5	0.00	99.05
120.0-121.0	0.0	0.0	335.5	0.00	99.05
121.0-122.0	0.0	0.0	335.5	0.00	99.05
122.0-123.0	0.0	0.0	335.5	0.00	99.05
123.0-124.0	0.0	0.0	335.5	0.00	99.05
124.0-125.0	0.0	0.0	335.5	0.00	99.05
125.0-126.0	0.0	0.0	335.5	0.00	99.05
126.0-127.0	0.0	0.0	335.5	0.00	99.05
127.0-128.0	0.0	0.0	335.5	0.00	99.05
128.0-129.0	0.0	0.0	335.5	0.00	99.05
129.0-130.0	0.0	0.0	335.5	0.00	99.05
130.0-131.0	0.0	0.0	335.5	0.00	99.06
131.0-132.0	0.1	0.0	335.5	0.00	99.06
132.0-133.0	0.1	0.0	335.5	0.00	99.06
133.0-134.0	0.1	0.0	335.5	0.00	99.06
134.0-135.0	0.1	0.0	335.5	0.00	99.06
135.0-136.0	0.1	0.0	335.6	0.00	99.07
136.0-137.0	0.1	0.0	335.6	0.00	99.07
137.0-138.0	0.4	0.0	335.6	0.01	99.08
138.0-139.0	0.5	0.0	335.6	0.01	99.09
139.0-140.0	0.6	0.0	335.7	0.01	99.10
140.0-141.0	0.8	0.1	335.7	0.02	99.12
141.0-142.0	0.9	0.1	335.8	0.02	99.14
142.0-143.0	1.0	0.1	335.9	0.02	99.16
143.0-144.0	1.1	0.1	335.9	0.02	99.18

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	1.2	0.1	336.0	0.02	99.20
145.0-146.0	1.4	0.1	336.1	0.03	99.23
146.0-147.0	1.6	0.1	336.2	0.03	99.25
147.0-148.0	1.7	0.1	336.3	0.03	99.28
148.0-149.0	1.7	0.1	336.4	0.03	99.31
149.0-150.0	1.9	0.1	336.5	0.03	99.34
150.0-151.0	2.0	0.1	336.6	0.03	99.37
151.0-152.0	2.0	0.1	336.7	0.03	99.41
152.0-153.0	2.1	0.1	336.8	0.03	99.44
153.0-154.0	2.3	0.1	336.9	0.03	99.47
154.0-155.0	2.4	0.1	337.0	0.03	99.50
155.0-156.0	2.4	0.1	337.1	0.03	99.54
156.0-157.0	2.5	0.1	337.3	0.03	99.57
157.0-158.0	2.6	0.1	337.4	0.03	99.60
158.0-159.0	2.6	0.1	337.5	0.03	99.63
159.0-160.0	2.7	0.1	337.6	0.03	99.66
160.0-161.0	2.8	0.1	337.7	0.03	99.69
161.0-162.0	2.8	0.1	337.8	0.03	99.72
162.0-163.0	2.9	0.1	337.9	0.03	99.75
163.0-164.0	2.9	0.1	338.0	0.03	99.78
164.0-165.0	3.0	0.1	338.0	0.03	99.80
165.0-166.0	3.0	0.1	338.1	0.02	99.83
166.0-167.0	3.0	0.1	338.2	0.02	99.85
167.0-168.0	3.1	0.1	338.3	0.02	99.87
168.0-169.0	3.1	0.1	338.3	0.02	99.89
169.0-170.0	3.1	0.1	338.4	0.02	99.91
170.0-171.0	3.1	0.1	338.5	0.02	99.93
171.0-172.0	3.2	0.1	338.5	0.02	99.94
172.0-173.0	3.2	0.0	338.6	0.01	99.96
173.0-174.0	3.2	0.0	338.6	0.01	99.97
174.0-175.0	3.2	0.0	338.6	0.01	99.98
175.0-176.0	3.2	0.0	338.7	0.01	99.99
176.0-177.0	3.2	0.0	338.7	0.01	99.99
177.0-178.0	3.2	0.0	338.7	0.00	100.00
178.0-179.0	3.2	0.0	338.7	0.00	100.00
179.0-180.0	3.2	0.0	338.7	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:

Zonal Lumen (Continue 5)

cone flux(90°): 316.47 lm

%lum = 93.4%

%lamp = 93.4%

cone flux(120°): 330.74 lm

%lum = 97.6%

%lamp = 97.6%

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:

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	874.9	874.9	874.6	872.5	871.3	870.3	874.9	874.9	874.6	872.5
G5.0	865.8	877.2	865.4	831.1	793.3	758.8	749.4	741.2	746.9	773.4
G10.0	727.9	742.5	722.7	679.4	629.5	581.5	565.5	552.7	560.3	595.4
G15.0	543.0	558.3	536.7	495.9	445.2	394.3	371.9	357.5	366.2	401.7
G20.0	349.8	365.8	348.8	312.1	267.8	227.4	207.8	199.8	204.3	229.3
G25.0	198.3	207.9	194.2	172.4	147.5	128.3	118.9	111.9	113.4	130.9
G30.0	116.5	120.4	111.9	103.4	89.5	80.9	69.2	66.1	68.1	82.2
G35.0	72.2	73.8	72.3	65.4	56.1	48.9	42.2	39.6	42.4	49.0
G40.0	44.1	45.2	43.1	41.6	37.0	31.1	25.9	24.0	26.8	29.9
G45.0	26.5	27.3	26.4	26.5	23.7	19.9	15.6	14.5	16.3	18.0
G50.0	14.9	15.7	15.6	16.5	15.1	12.6	9.5	9.1	10.1	10.8
G55.0	8.1	8.6	8.9	9.6	8.9	7.9	6.2	5.6	6.6	6.3
G60.0	4.4	4.8	5.1	5.8	5.4	5.2	4.3	4.1	4.7	4.0
G65.0	2.6	2.8	3.4	3.9	4.0	3.5	2.8	2.5	3.5	2.9
G70.0	1.6	1.8	2.5	2.6	2.7	2.5	1.7	1.6	2.4	1.9
G75.0	1.2	1.0	2.0	1.8	1.6	1.8	1.3	0.0	1.8	1.4
G80.0	0.0	0.0	1.3	1.1	1.0	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
G90.0	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
G100.0	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
G110.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	1.2	0.0	1.3	1.3	0.0	0.0	1.1	1.1
G145.0	0.0	1.0	1.5	1.4	1.6	1.8	1.4	1.3	1.7	1.6
G150.0	1.5	1.6	2.1	1.9	2.1	2.1	1.9	1.9	2.1	2.2
G155.0	1.8	2.0	2.3	2.4	2.9	2.6	2.4	2.3	2.4	2.6
G160.0	2.4	2.3	2.8	2.8	3.1	2.9	2.7	2.5	2.8	3.1
G165.0	2.8	2.8	3.2	3.1	3.4	3.2	2.8	2.5	3.1	3.2
G170.0	3.0	2.7	3.3	3.2	3.5	3.3	2.8	2.6	3.1	3.3
G175.0	3.1	2.9	3.2	3.3	3.5	3.3	2.8	2.8	3.1	3.3
G180.0	3.1	2.7	3.3	3.3	3.7	3.4	2.4	2.5	3.2	3.5

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 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	60.0	60.9	56.8	53.8	47.4	40.7	34.8	32.6	35.4	40.4
G42.0	36.6	37.2	35.6	34.9	31.2	26.1	21.1	19.8	21.7	24.6
G47.0	21.1	22.3	21.9	22.1	19.8	17.0	12.9	11.7	13.1	14.6
G52.0	11.5	12.3	12.3	13.1	12.2	10.5	7.8	7.6	8.5	8.7
G57.0	6.1	6.9	7.1	7.7	7.5	6.8	5.1	4.9	5.9	5.4
G62.0	3.7	3.9	4.1	4.7	4.6	4.5	3.8	3.3	4.2	3.7
G67.0	2.1	2.3	3.1	3.4	3.3	3.2	2.5	2.2	3.1	2.6
G72.0	1.5	1.6	2.1	2.1	2.3	2.0	1.4	1.0	2.0	1.7
G77.0	0.0	0.0	1.5	1.6	1.2	1.5	0.0	0.0	1.2	1.0
G82.0	0.0	0.0	1.3	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
G92.0	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
G102.0	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
G112.0	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
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	1.4	1.1	1.4	1.5	1.0	0.0	1.4	1.3
G147.0	1.2	1.0	1.6	1.7	1.8	1.9	1.5	1.7	1.9	1.8
G152.0	1.7	1.7	2.2	2.2	2.3	2.3	2.0	2.1	2.2	2.2
G157.0	2.1	2.1	2.5	2.6	3.0	2.7	2.6	2.3	2.7	2.8
G162.0	2.6	2.5	3.1	3.0	3.1	3.0	2.7	2.4	2.9	3.1
G167.0	2.8	2.8	3.1	2.9	3.4	3.0	2.7	2.6	3.1	3.4
G172.0	2.9	3.0	3.1	3.4	3.4	3.3	2.8	2.7	3.2	3.3
G177.0	3.1	2.9	3.2	3.3	3.5	3.5	2.7	2.6	3.0	3.6
G0.0	888.5	885.2	876.8	866.9	857.9	858.5	856.4	857.1	861.5	869.9
G885.2	858.7	843.2	807.9	765.7	726.8	714.9	706.2	712.7	742.0	781.3
G843.2	708.3	686.9	645.1	594.0	545.6	525.1	514.1	521.2	553.8	608.8
G686.9	520.3	498.5	458.8	408.9	357.6	331.6	321.8	330.1	361.6	418.9
G498.5	329.8	313.8	279.2	238.4	202.8	185.3	175.3	181.1	204.1	246.1
G313.8	183.6	172.6	154.0	131.1	116.0	106.0	99.5	102.2	118.5	140.2
G172.6	108.4	102.2	95.0	82.1	74.2	62.7	59.8	61.9	75.4	87.9
G102.2	67.1	63.9	58.9	51.5	44.0	38.4	35.9	39.0	44.5	54.1

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:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	1.#J
L 0-180(75) av	1.#J
L 0-180(85) av	-1.#J
L 90-270(65) av	1.#J
L 90-270(75) av	1.#J
L 90-270(85) av	-1.#J
L 45(65) av	1.#J
L 45(75) av	1.#J
L 45(85) av	-1.#J

Standard: GB/T 29293-2012

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: