

Report No.:

Test Time: 2024/2/27 14:07

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.159 A
Power Factor: 0.949

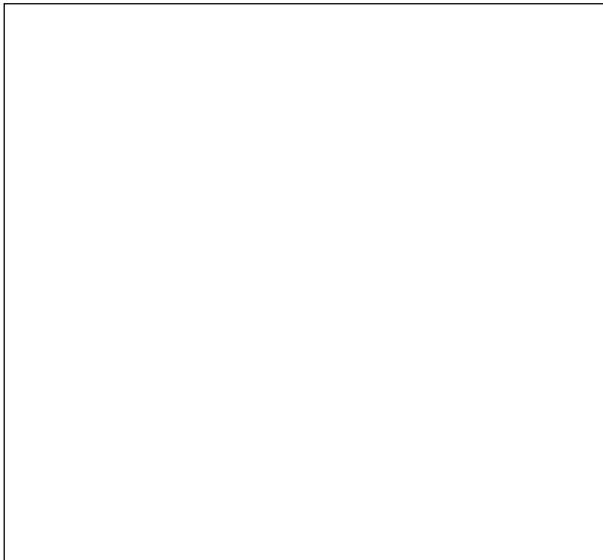
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 983.67 W

Photometric Results

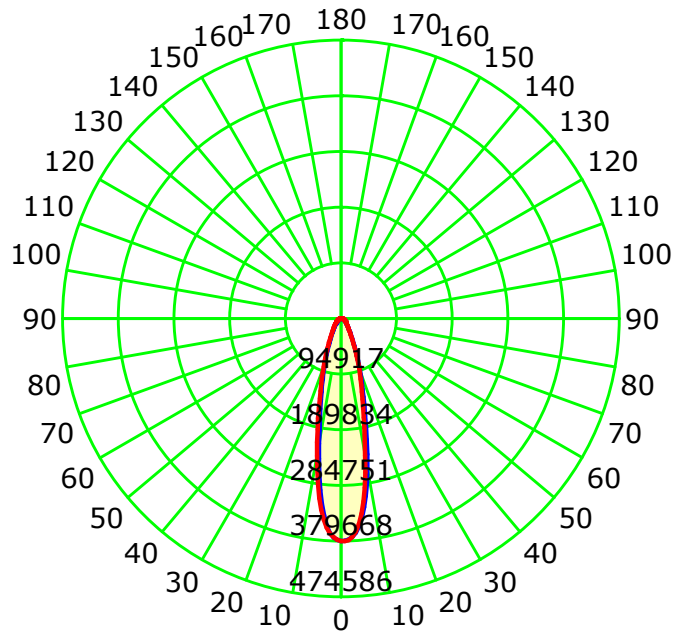
IES Classification: Type I
Total Rated Lamp Lumens: 143829.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 379123.84 cd
Pos of Max. Intensity: H90 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 24.3, 24.3, 24.3, 24.2

Longitudinal Classification: Very Short
Measurement Flux: 143829.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 146.27
Max. Intensity: 379668.82 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

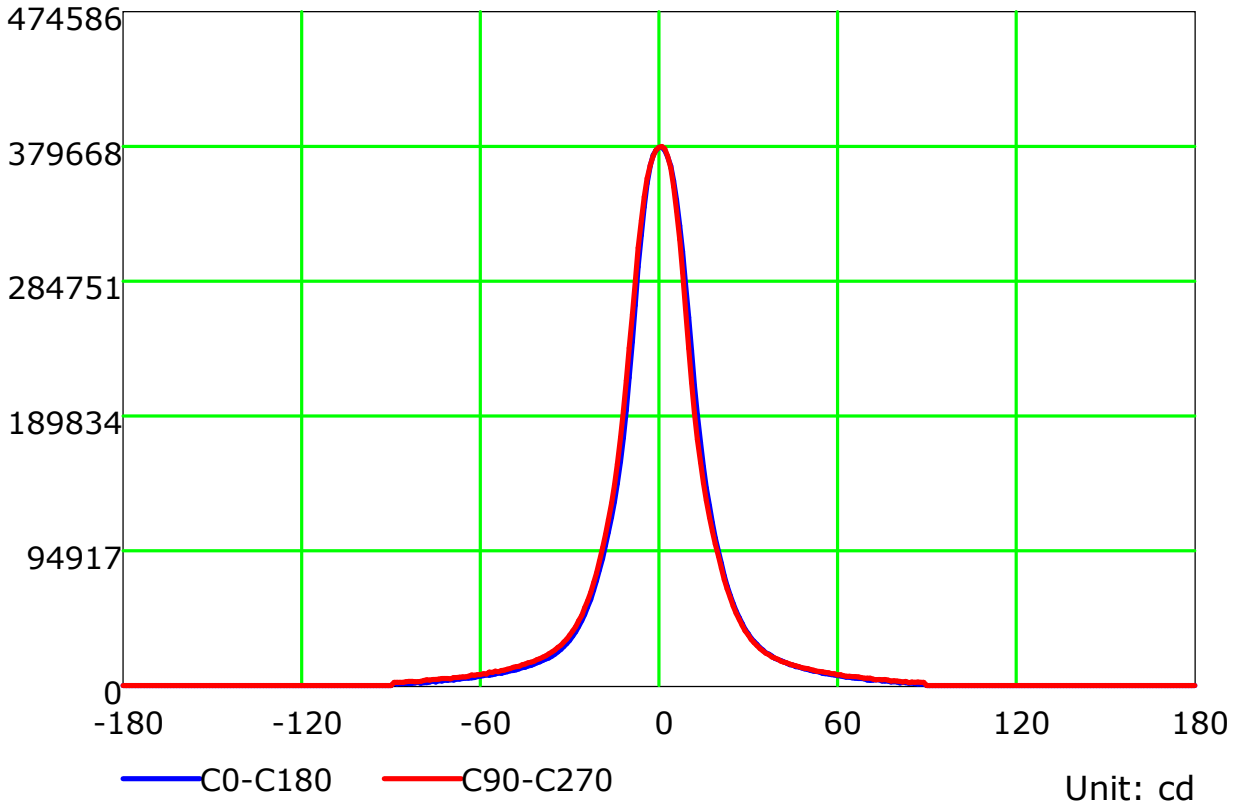
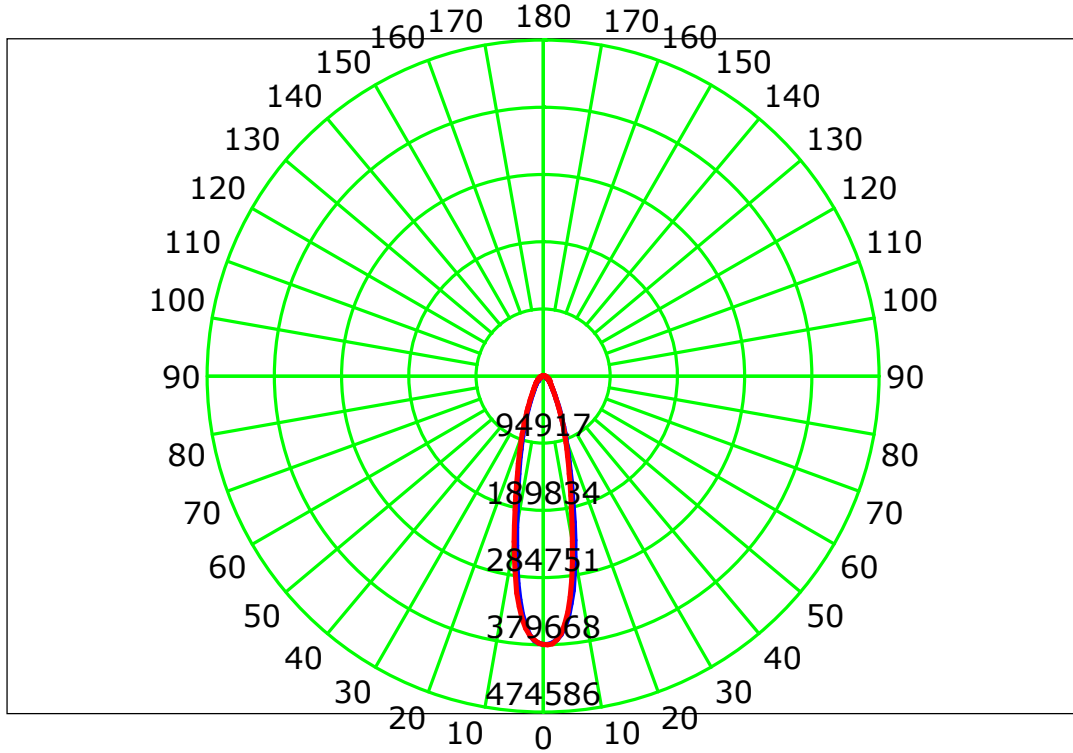
Average Diffuse Angle(50%): 24.3°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 °C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

Luminous Intensity Distribution Curve



Test Type: TYPE C
Temperature: 25.4 °C
Operator:

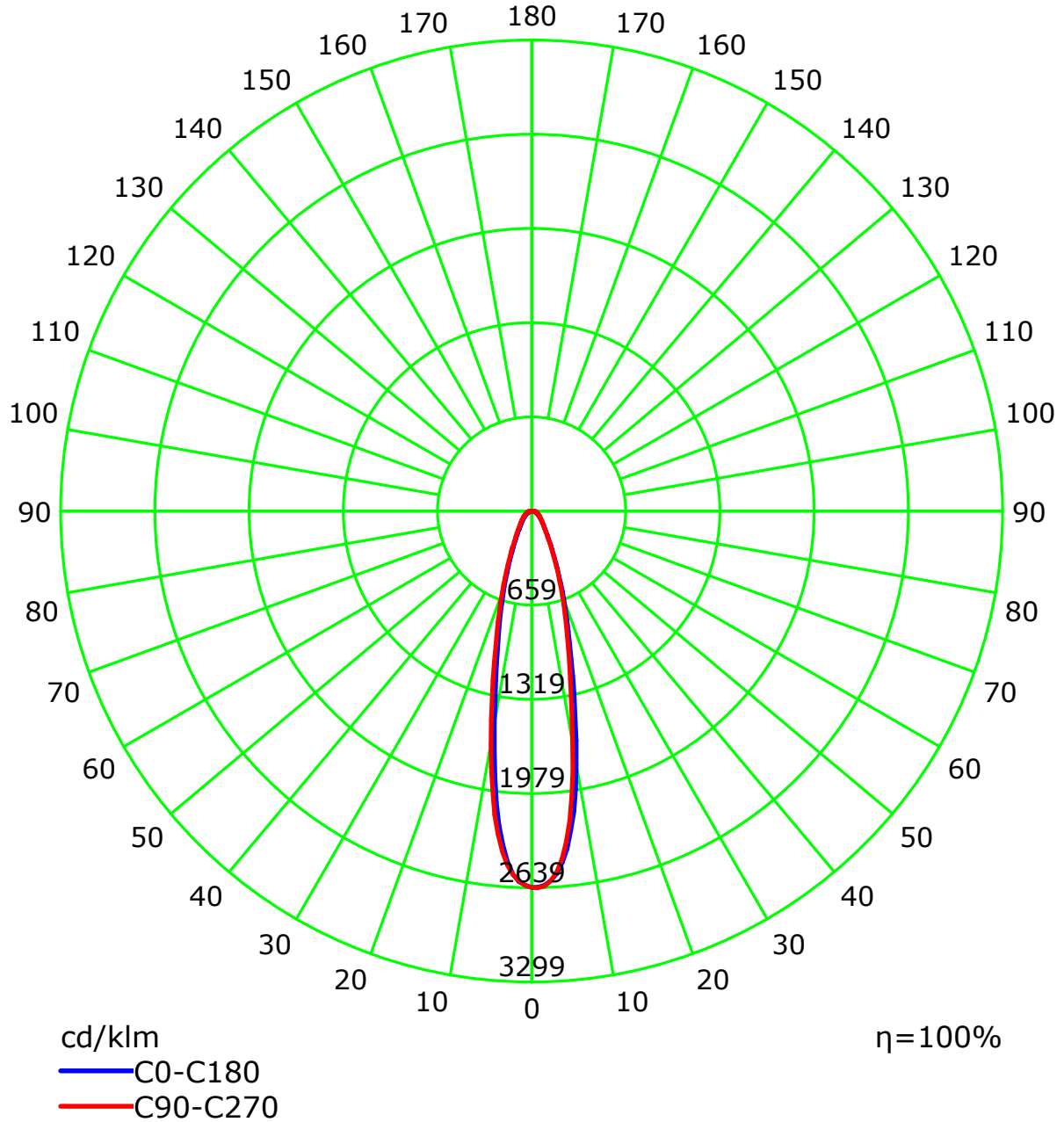
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Luminous Intensity Distribution Curve(cd/klm)



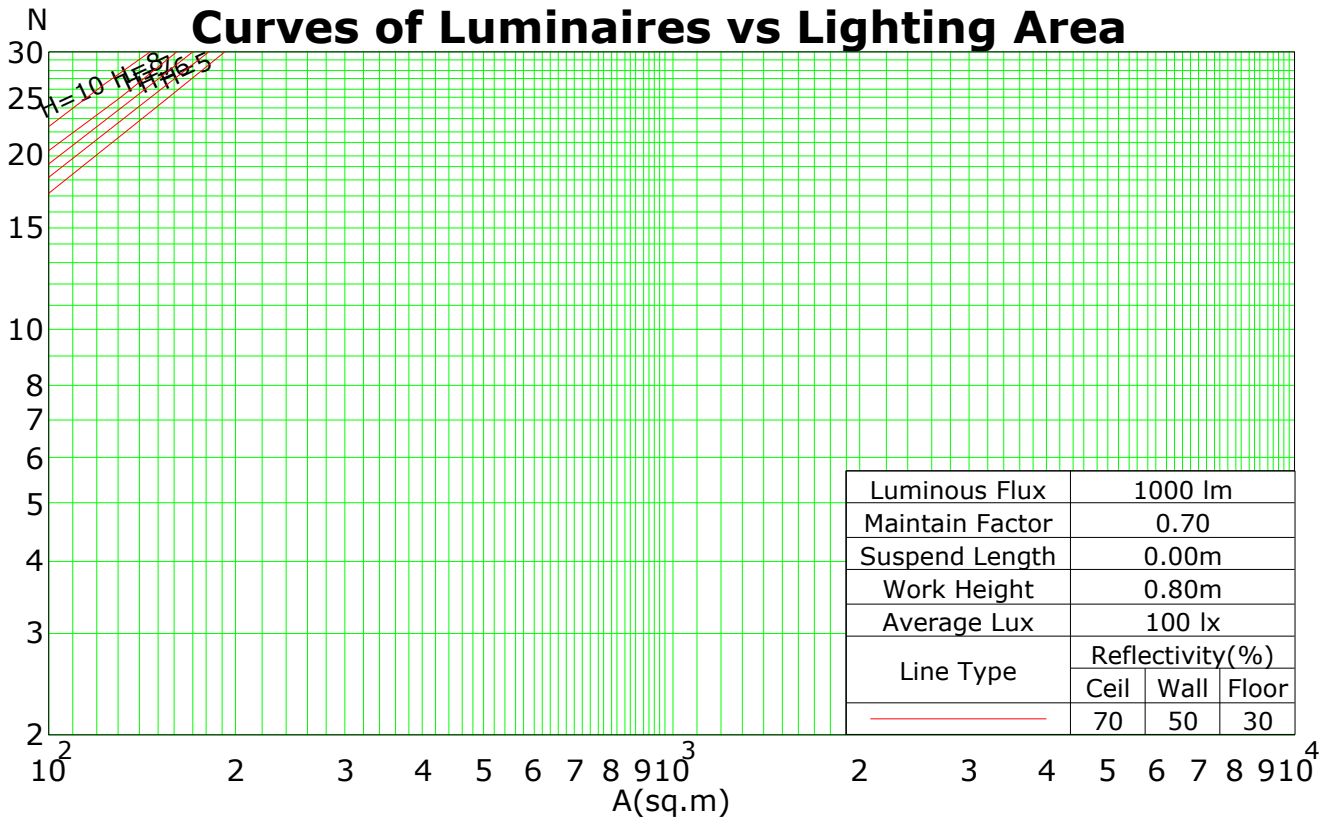
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
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	1.02	1.02	1.02	1.00
1	1.12	1.09	1.06	1.03	1.10	1.07	1.04	1.01	1.02	1.00	0.98	0.99	0.97	0.95	0.95	0.94	0.92	0.91
2	1.06	1.00	0.95	0.91	1.03	0.98	0.94	0.90	0.95	0.91	0.88	0.92	0.89	0.86	0.89	0.87	0.85	0.83
3	1.00	0.93	0.87	0.83	0.98	0.91	0.86	0.82	0.89	0.84	0.81	0.86	0.83	0.79	0.84	0.81	0.78	0.76
4	0.95	0.87	0.81	0.76	0.93	0.85	0.80	0.76	0.83	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.71
5	0.90	0.81	0.75	0.71	0.89	0.80	0.75	0.70	0.79	0.73	0.70	0.77	0.72	0.69	0.75	0.71	0.68	0.67
6	0.86	0.77	0.70	0.66	0.85	0.76	0.70	0.66	0.74	0.69	0.65	0.73	0.68	0.65	0.72	0.68	0.64	0.63
7	0.82	0.73	0.67	0.62	0.81	0.72	0.66	0.62	0.71	0.66	0.62	0.70	0.65	0.61	0.68	0.64	0.61	0.60
8	0.79	0.69	0.63	0.59	0.78	0.69	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.58	0.65	0.61	0.58	0.57
9	0.76	0.66	0.60	0.56	0.75	0.65	0.60	0.56	0.65	0.59	0.56	0.64	0.59	0.56	0.63	0.59	0.55	0.54
10	0.73	0.63	0.57	0.54	0.72	0.63	0.57	0.54	0.62	0.57	0.53	0.61	0.56	0.53	0.60	0.56	0.53	0.52

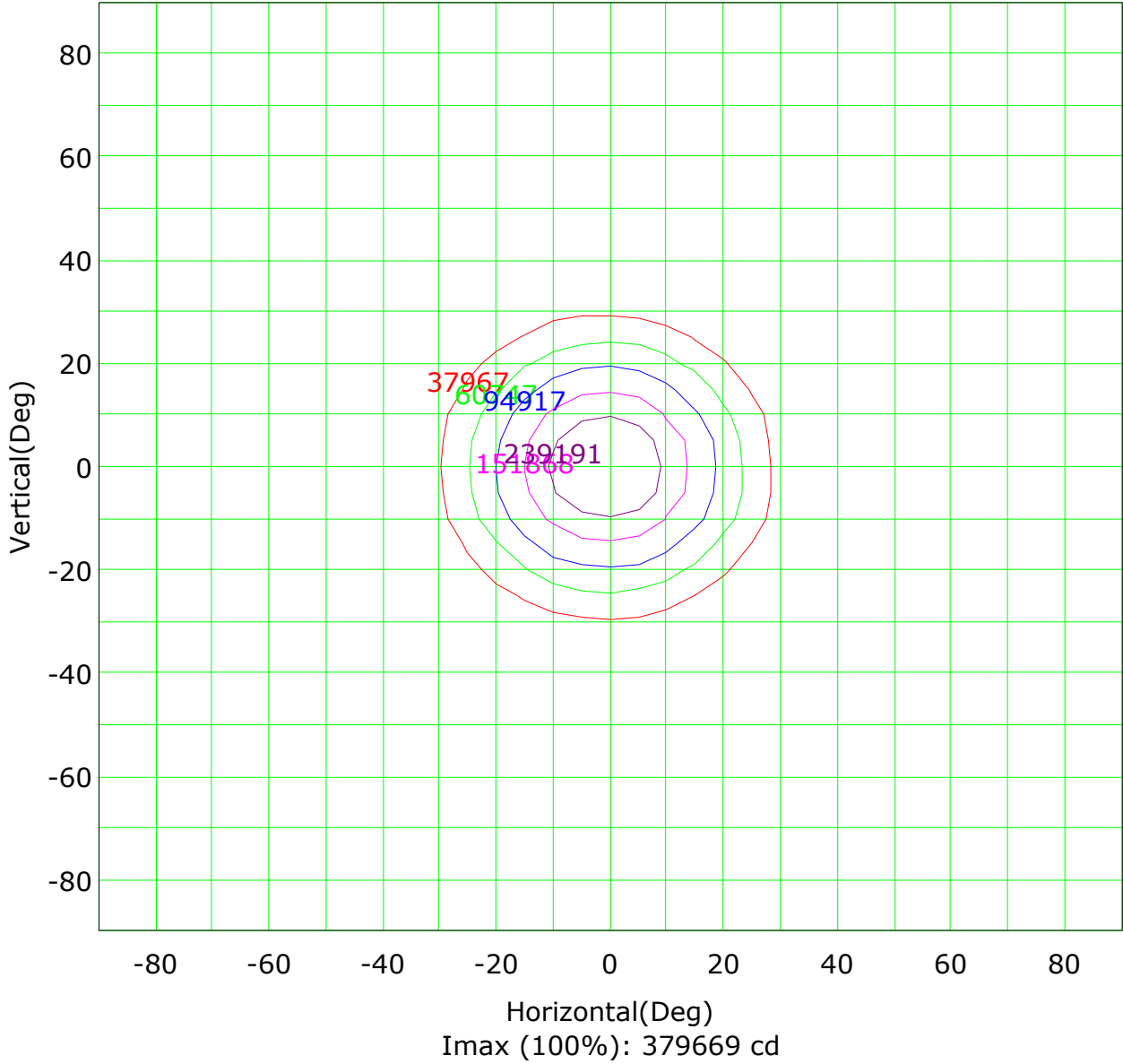
Spacing Criteria (0-180): 0.41
 Spacing Criteria (90-270): 0.41
 Spacing Criteria (Diagonal): 0.45



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

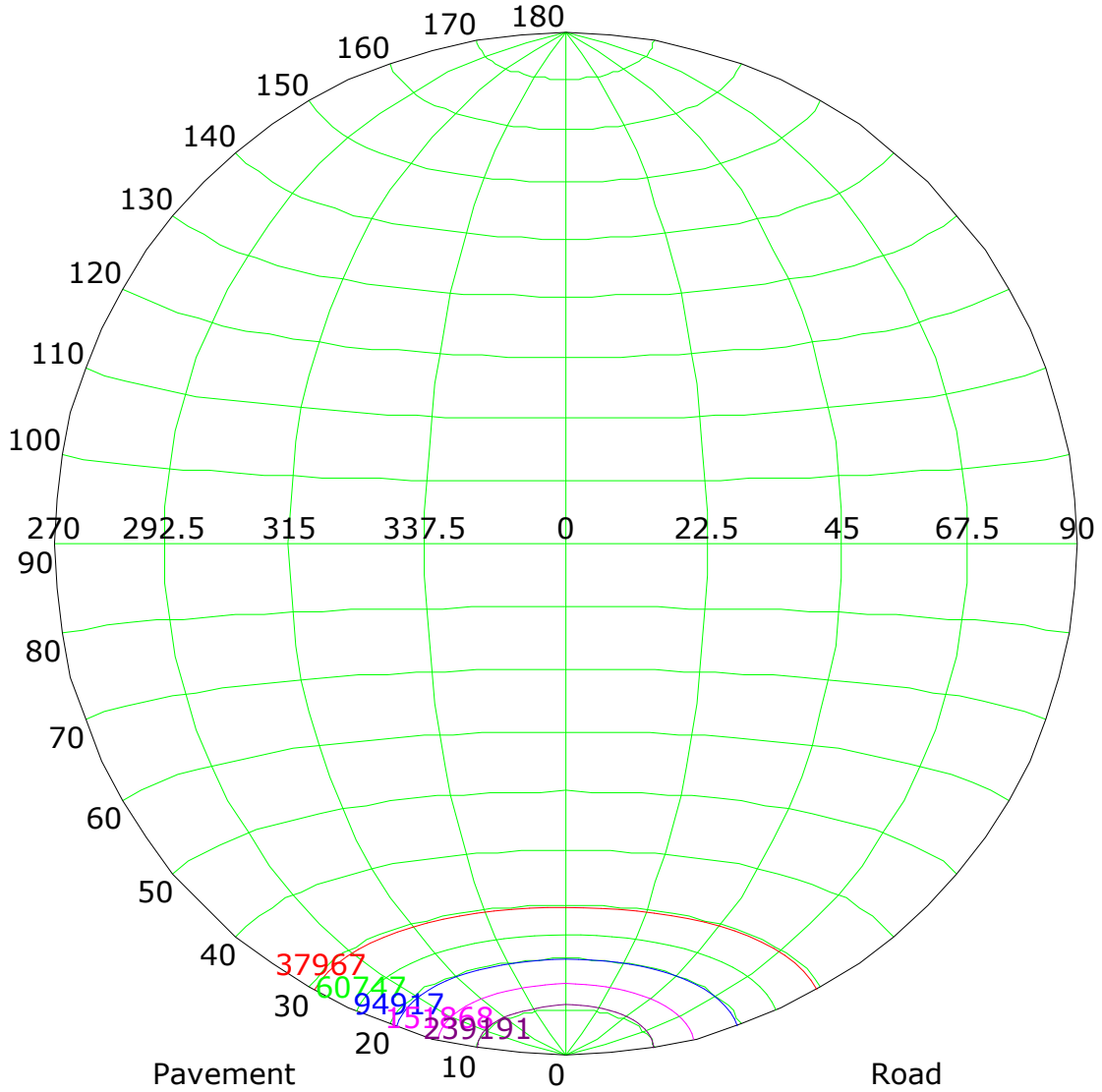
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 379669 cd

- (10%): 37967 cd
 - (25%): 94917 cd
 - (63%): 239191 cd
- (16%): 60747 cd
 - (40%): 151868 cd
 - (100%): 379669 cd

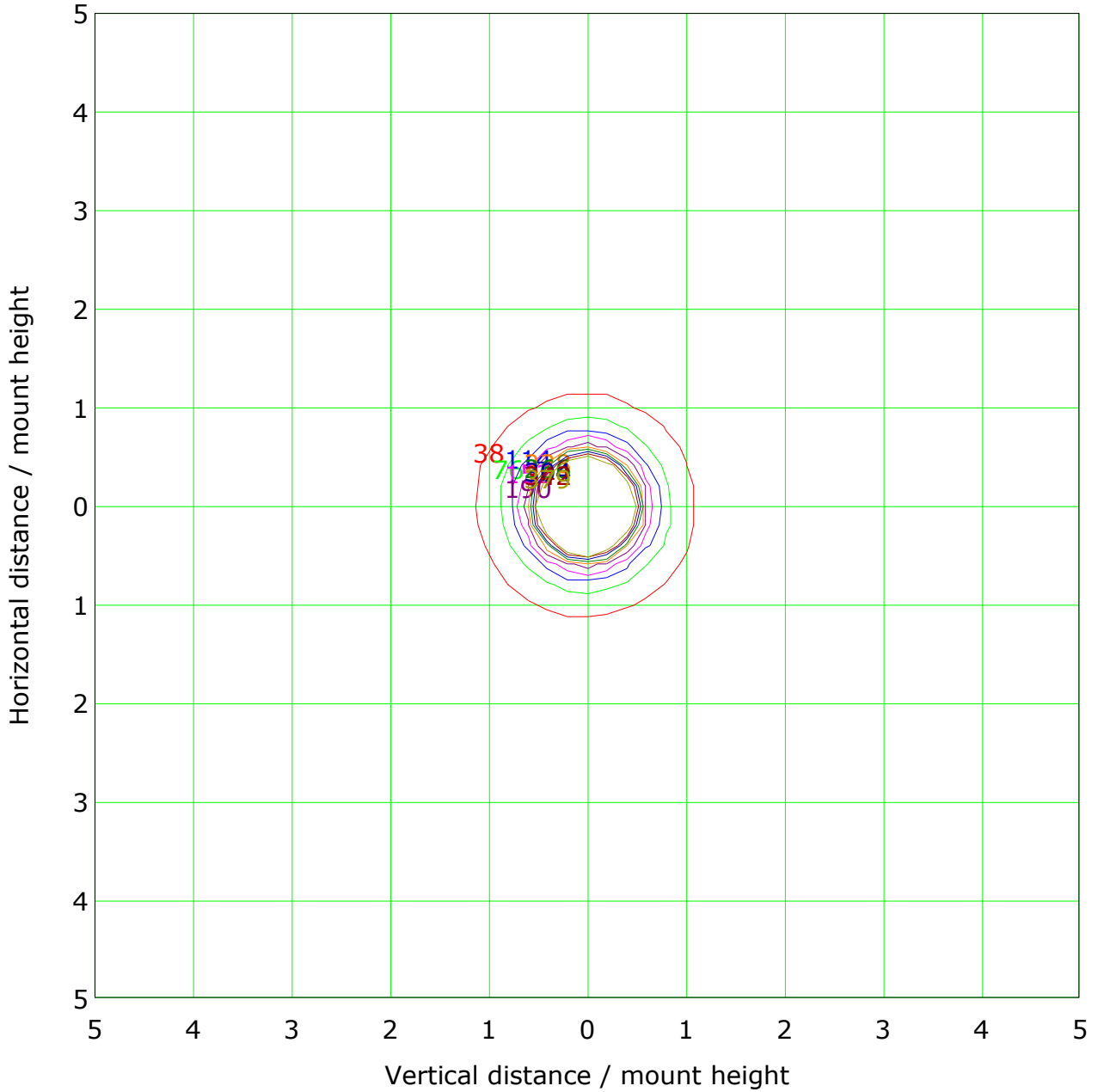
CIE: narrow - short
 CIE: Full-cut-off luminaire
 Max.At90: 0.000 cd/klm

IES: Cut-off
 Max.At80: 25.759 cd/klm
 Max.80-90: 25.759 cd/klm

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 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

IsoLux Plot



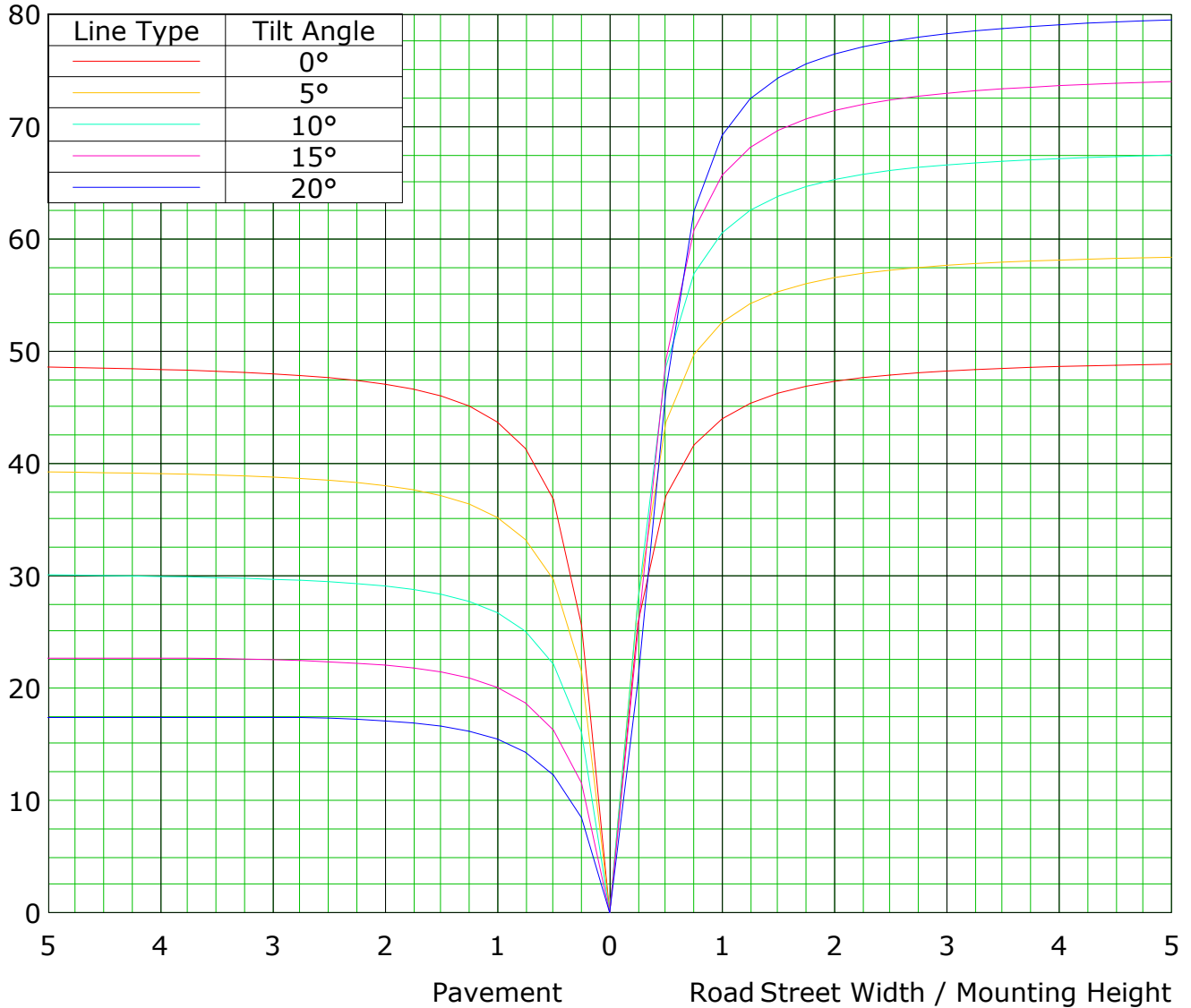
Mounting Height: 10.0m		Max Lux(100%): 3795.0 lx	
— (1%): 37.9 lx	— (2%): 75.9 lx	— (3%): 113.8 lx	— (4%): 151.8 lx
— (5%): 189.7 lx	— (6%): 227.7 lx	— (7%): 265.6 lx	— (8%): 303.6 lx
— (9%): 341.5 lx	— (10%): 379.5 lx		

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



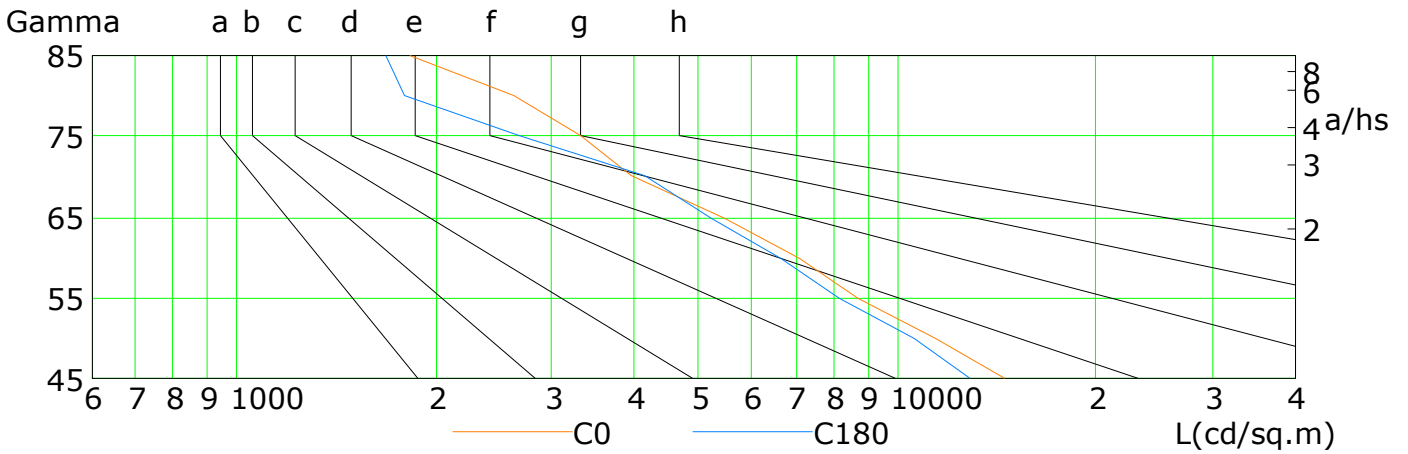
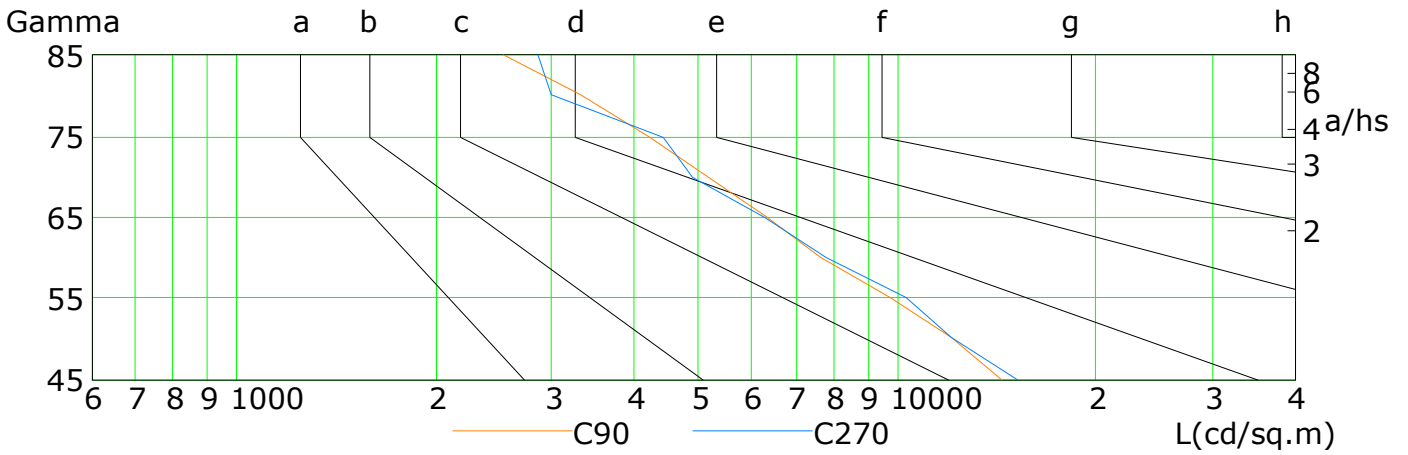
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 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

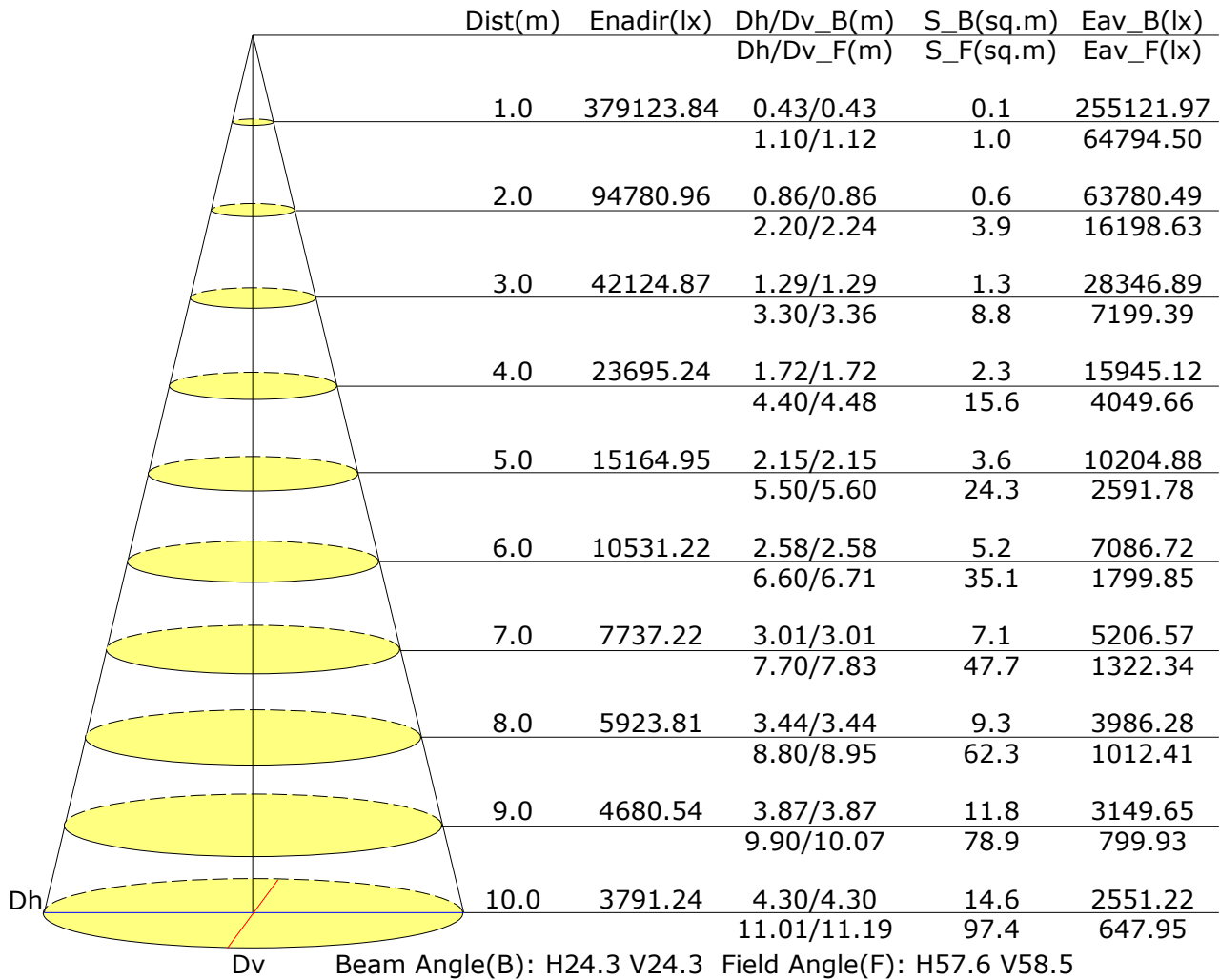


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	14465	11399	8698	7104	5443	3944	3309	2620	1823
C90	14441	12016	9727	7643	6321	5191	4210	3297	2534
C180	12926	10575	8144	6645	5240	4146	2674	1796	1675
C270	15218	12043	10259	7779	6294	4891	4400	2997	2847

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 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

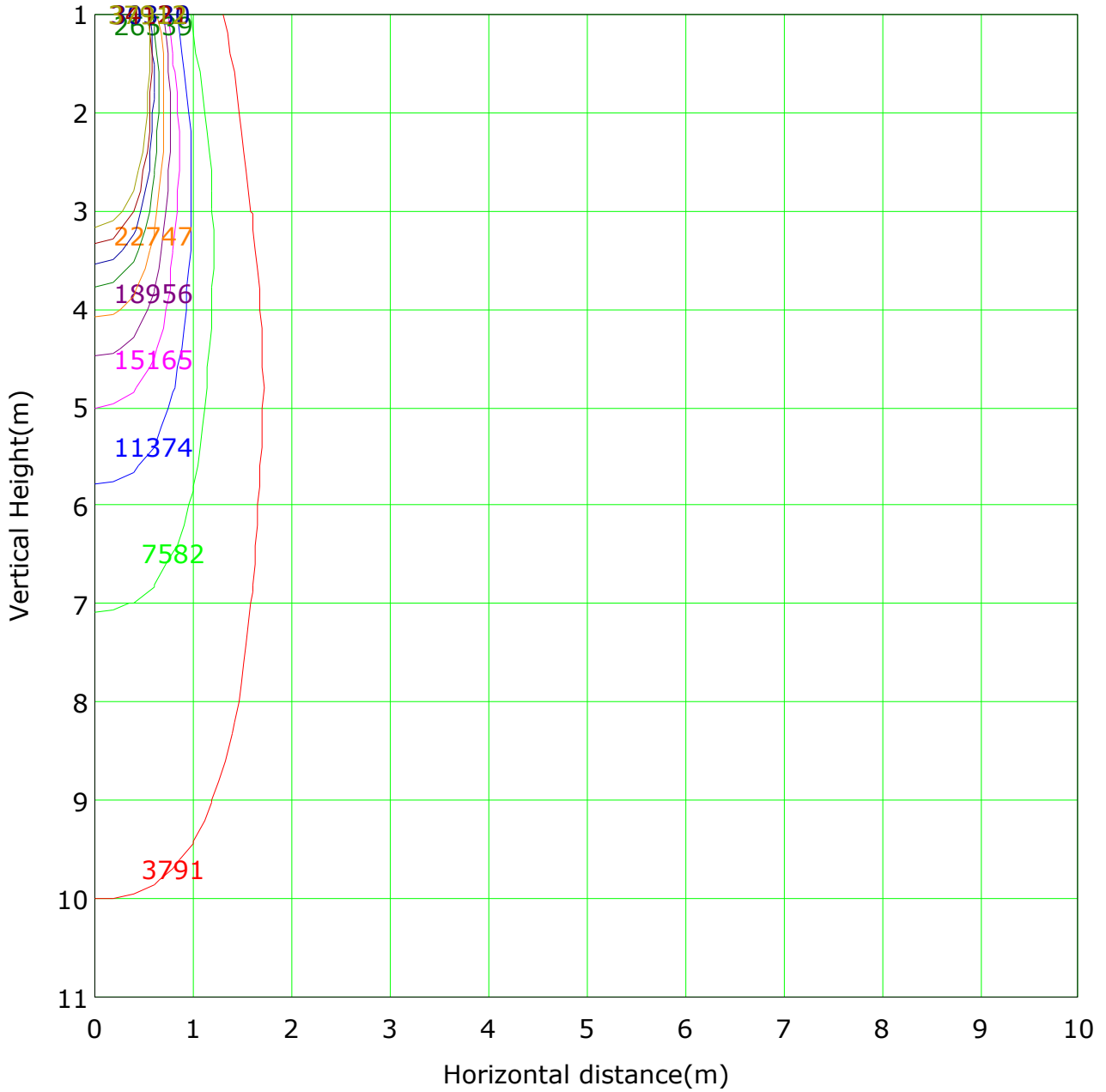
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 379123.8 lx

— (1%):3791.2 lx	— (2%):7582.5 lx
— (3%):11373.7 lx	— (4%):15165.0 lx
— (5%):18956.2 lx	— (6%):22747.4 lx
— (7%):26538.7 lx	— (8%):30329.9 lx
— (9%):34121.1 lx	— (10%):37912.4 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Area Flux Table

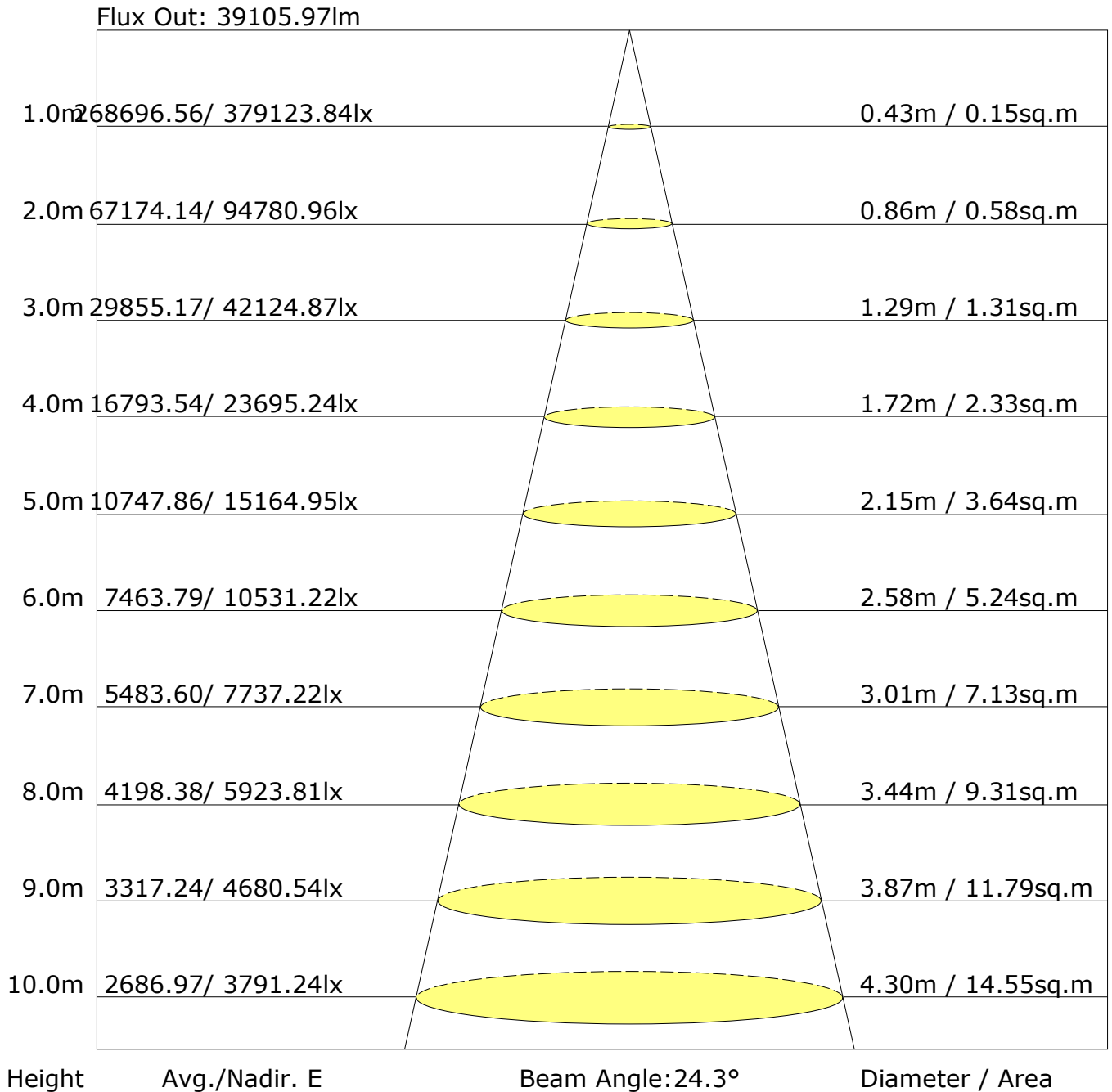
Unit: lm

Vertical plane		Horizontal plane																		
Flux(E)	Flux(T)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
2.3	10.1	19.5	29.5	39.1	49.1	57.5	66.5	74.7	76.7	72.1	65.4	57.5	47.1	37.8	26.7	13.2	2.4	747.1	0.0	93629
3.7	13.4	24.7	40.2	59.6	77.4	94.1	113.6	129.3	132.3	123.0	109.0	94.4	77.8	56.8	37.3	16.9	4.0	1207.6	0.0	93629
4.0	14.3	31.9	57.5	90.8	124.4	151.4	175.3	193.8	197.7	186.3	164.7	136.6	104.2	74.5	46.3	20.4	4.2	1778.2	0.0	93629
4.1	16.4	40.1	75.4	121.7	170.7	219.5	263.1	292.9	296.6	274.4	235.5	187.4	138.0	92.6	54.2	23.0	4.6	2510.5	0.0	93629
4.2	19.1	47.7	92.7	155.8	236.1	319.5	396.5	453.9	459.8	412.2	339.9	225.6	118.1	61.6	25.3	4.9	3575.4	0.0	93629	
4.3	21.2	55.4	111.0	196.4	311.9	457.3	620.8	754.5	768.0	652.3	490.4	342.7	222.7	133.4	67.3	27.0	5.2	5241.9	0.0	93629
4.5	23.0	61.5	128.2	223.5	340.2	486.7	641.2	760.7	819.8	819.8	738.1	648.7	526.9	414.8	61.7	28.5	5.3	8819.8	352.8	93629
4.6	24.3	65.5	140.8	268.3	498.2	703.4	926.7	1097.6	1139.8	1046.5	814.9	556.2	303.0	158.3	74.5	28.7	5.3	17168.1	154.6	93629
4.6	24.8	67.5	146.2	285.7	567.5	838.3	1136.6	1439.9	1688.5	1920.5	1574.6	1160.9	74.7	28.2	5.2	3047.2	1856.4	0.0	0.0	93629
4.7	25.3	68.9	148.7	289.5	574.4	841.7	1137.3	1432.8	1681.5	1915.0	1554.3	1158.3	73.9	28.0	5.1	3083.4	212.5	0.0	0.0	93629
4.8	25.7	69.6	148.3	279.9	551.4	810.7	1134.9	1401.5	1680.5	1915.4	1543.9	1153.2	72.3	28.1	5.1	1744.5	482.0	0.0	0.0	93629
4.8	25.4	68.1	140.5	251.8	415.0	680.9	915.0	1150.4	1469.9	1693.3	1219.7	847.5	833.0	821.0	633.0	25.1	4.9	5182.4	0.0	93629
4.7	24.3	64.6	126.1	210.5	320.7	458.3	614.2	774.2	947.5	1136.3	1284.7	1554.3	1821.0	2122.4	2463.6	25.1	4.9	5182.4	0.0	93629
4.6	22.3	59.0	108.0	165.9	239.7	321.5	394.6	440.2	442.8	401.0	329.0	244.0	166.8	104.1	57.2	22.8	4.6	3528.0	0.0	93629
4.4	20.5	51.4	89.5	130.0	174.8	221.8	263.3	299.8	292.6	268.6	228.1	180.4	129.4	86.0	48.0	19.9	4.2	2503.6	0.0	93629
4.4	18.3	42.3	71.1	102.0	130.1	157.5	179.6	193.3	193.8	180.6	157.8	128.9	98.4	67.5	38.4	17.2	3.8	1785.2	0.0	93629
4.2	16.2	33.6	52.9	72.6	91.3	106.3	118.9	126.5	126.6	111.9	91.1	72.2	49.7	30.2	14.1	3.6	1235.8	0.0	93629	
2.4	12.4	25.4	36.5	47.4	57.0	64.4	70.6	74.8	75.1	71.6	65.1	56.1	45.4	32.9	21.1	10.5	2.0	770.7	0.0	93629
75.4	357.0	896.9	1743.2	3002.4	4955.8	8898.1	15723.4	29713.6	51192.7	92722.9	16691.5	3360.2	236.9	890.2	2987.4	404.1	79.2	143756	0.0	93629
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3557.1	13296.2	28802.9	275150.2	74590.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
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 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

UGR Table

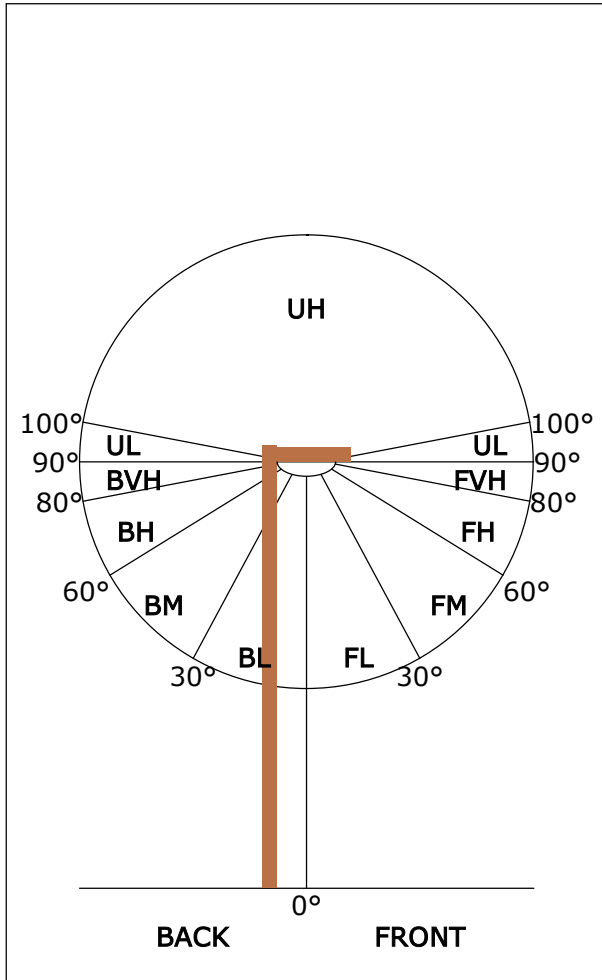
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 143829lm ($8\log(F/F_0) = 17.3$).

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



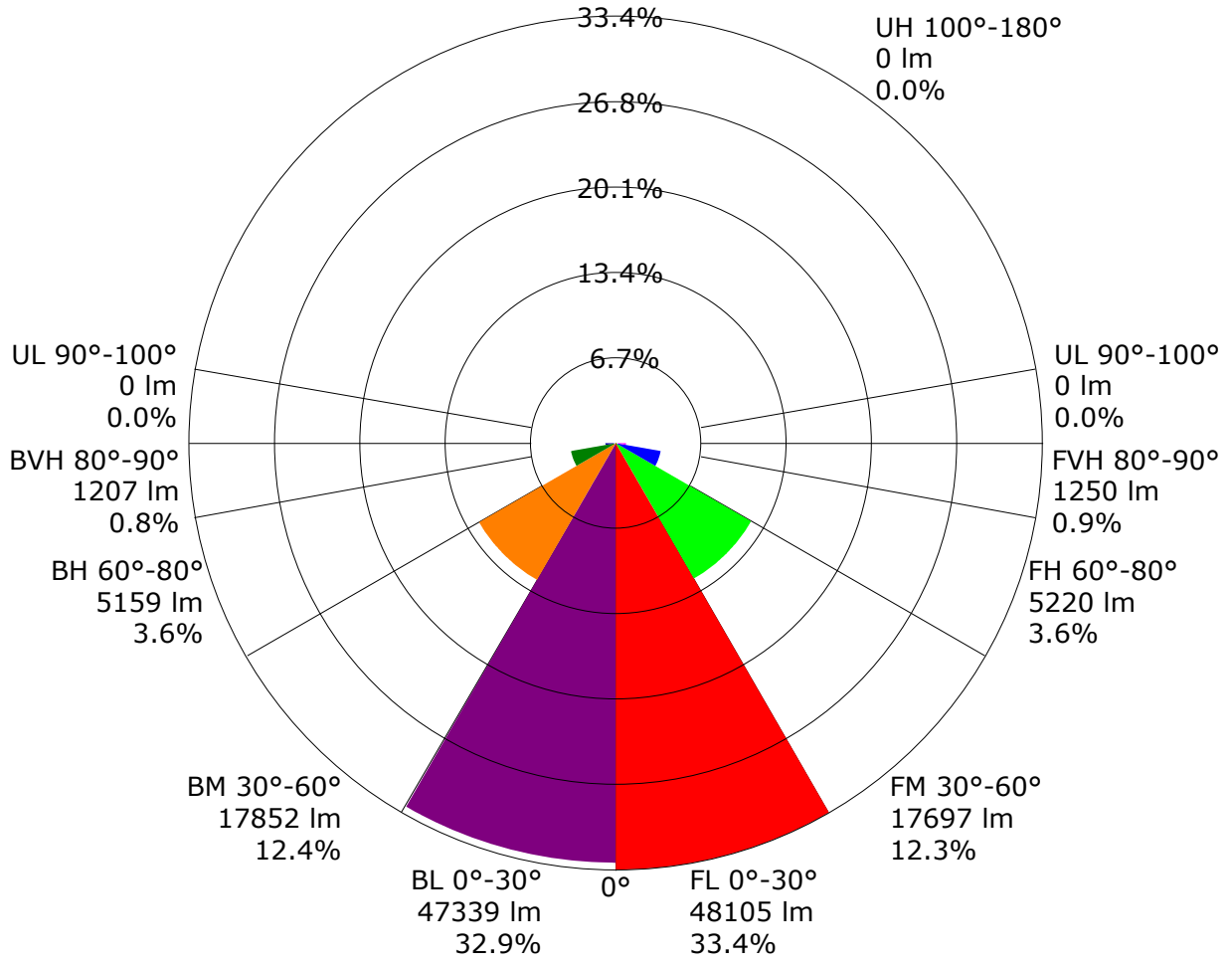
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	72272	50.2
FL (0°-30°)	48105	33.4
FM (30°-60°)	17697	12.3
FH (60°-80°)	5220	3.6
FVH (80°-90°)	1250	0.9
BACK LIGHT	71558	49.8
BL (0°-30°)	47339	32.9
BM (30°-60°)	17852	12.4
BH (60°-80°)	5159	3.6
BVH (80°-90°)	1207	0.8
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G5
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G5

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 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 = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.77	0.85	0.90	0.93	0.98	1.02	1.04	1.07	1.09	
	0.30		0.72	0.79	0.84	0.88	0.94	0.98	1.00	1.04	1.07	
	0.20		0.67	0.75	0.80	0.84	0.90	0.94	0.97	1.01	1.04	
0.50	0.50	0.20	0.76	0.83	0.87	0.91	0.95	0.98	1.01	1.03	1.05	
	0.30		0.71	0.78	0.83	0.86	0.92	0.95	0.97	1.01	1.03	
	0.20		0.67	0.74	0.79	0.83	0.88	0.92	0.95	0.99	1.01	
0.30	0.50	0.20	0.75	0.81	0.85	0.88	0.93	0.95	0.97	1.00	1.01	
	0.30		0.70	0.77	0.81	0.85	0.90	0.93	0.95	0.98	1.00	
	0.20		0.67	0.73	0.78	0.82	0.87	0.90	0.93	0.96	0.98	
0.00	0.00	0.00	0.65	0.71	0.76	0.79	0.84	0.87	0.89	0.91	0.93	
<p>Rating:999W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.72	0.59	0.51	0.44	0.35	0.29	0.25	0.20	0.16	
	0.30		0.60	0.51	0.44	0.39	0.32	0.27	0.23	0.19	0.15	
	0.20		0.51	0.44	0.39	0.35	0.29	0.25	0.22	0.18	0.15	
0.50	0.50	0.20	0.69	0.56	0.48	0.42	0.33	0.32	0.24	0.18	0.15	
	0.30		0.58	0.49	0.42	0.37	0.30	0.26	0.22	0.17	0.15	
	0.20		0.51	0.43	0.38	0.34	0.28	0.24	0.21	0.17	0.14	
0.30	0.50	0.20	0.66	0.54	0.46	0.40	0.31	0.26	0.22	0.17	0.14	
	0.30		0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.17	0.14	
	0.20		0.50	0.42	0.37	0.33	0.27	0.23	0.20	0.16	0.13	
0.00	0.00	0.00	0.37	0.31	0.26	0.23	0.18	0.15	0.13	0.11	0.09	
<p>Rating:999W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.18	0.18	0.19	0.19	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.16	0.16	0.18	0.18
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA

Rating:999W Photometrically tested without ceiling board.
 Multiply UF values by service correction factors
 Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
0.0-1.0	378654.4	362.4	362.4	0.25	0.25
1.0-2.0	376771.1	1081.6	1443.9	0.75	1.00
2.0-3.0	372563.0	1782.1	3226.0	1.24	2.24
3.0-4.0	365157.3	2444.6	5670.6	1.70	3.94
4.0-5.0	353914.0	3045.0	8715.6	2.12	6.06
5.0-6.0	338681.8	3559.7	12275.4	2.47	8.53
6.0-7.0	319866.8	3970.8	16246.2	2.76	11.30
7.0-8.0	298295.4	4269.7	20515.9	2.97	14.26
8.0-9.0	274817.3	4454.5	24970.4	3.10	17.36
9.0-10.0	250256.0	4529.4	29499.8	3.15	20.51
10.0-11.0	225990.0	4516.2	34016.0	3.14	23.65
11.0-12.0	203302.5	4444.8	38460.8	3.09	26.74
12.0-13.0	182875.4	4340.5	42801.3	3.02	29.76
13.0-14.0	164978.9	4223.4	47024.8	2.94	32.69
14.0-15.0	149299.6	4099.3	51124.1	2.85	35.54
15.0-16.0	135537.4	3972.0	55096.1	2.76	38.31
16.0-17.0	123399.1	3843.3	58939.4	2.67	40.98
17.0-18.0	112549.0	3711.4	62650.8	2.58	43.56
18.0-19.0	102597.7	3570.0	66220.7	2.48	46.04
19.0-20.0	93308.2	3415.6	69636.3	2.37	48.42
20.0-21.0	84851.6	3258.6	72895.0	2.27	50.68
21.0-22.0	77098.0	3098.6	75993.6	2.15	52.84
22.0-23.0	69948.5	2935.4	78929.0	2.04	54.88
23.0-24.0	63469.4	2775.3	81704.4	1.93	56.81
24.0-25.0	57680.5	2623.1	84327.4	1.82	58.63
25.0-26.0	52517.4	2479.4	86806.8	1.72	60.35
26.0-27.0	47901.1	2343.8	89150.6	1.63	61.98
27.0-28.0	43791.0	2217.4	91368.0	1.54	63.53
28.0-29.0	40048.5	2095.6	93463.5	1.46	64.98
29.0-30.0	36675.8	1980.5	95444.0	1.38	66.36
30.0-31.0	33748.1	1878.3	97322.3	1.31	67.67
31.0-32.0	31305.7	1793.7	99116.1	1.25	68.91
32.0-33.0	29141.6	1717.0	100833.1	1.19	70.11
33.0-34.0	27130.1	1642.1	102475.2	1.14	71.25
34.0-35.0	25311.5	1572.2	104047.4	1.09	72.34
35.0-36.0	23711.0	1509.9	105557.3	1.05	73.39

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
36.0-37.0	22332.9	1456.8	107014.1	1.01	74.40
37.0-38.0	21108.2	1409.1	108423.2	0.98	75.38
38.0-39.0	20021.8	1366.8	109790.0	0.95	76.33
39.0-40.0	19020.9	1326.8	111116.7	0.92	77.26
40.0-41.0	18088.0	1288.2	112405.0	0.90	78.15
41.0-42.0	17197.2	1249.6	113654.6	0.87	79.02
42.0-43.0	16395.5	1214.7	114869.2	0.84	79.86
43.0-44.0	15657.8	1181.9	116051.2	0.82	80.69
44.0-45.0	14958.7	1149.8	117200.9	0.80	81.49
45.0-46.0	14315.0	1119.7	118320.6	0.78	82.26
46.0-47.0	13656.5	1086.3	119406.9	0.76	83.02
47.0-48.0	13056.8	1055.6	120462.6	0.73	83.75
48.0-49.0	12512.2	1027.6	121490.2	0.71	84.47
49.0-50.0	11990.3	999.8	122490.0	0.70	85.16
50.0-51.0	11494.7	972.6	123462.7	0.68	85.84
51.0-52.0	11003.1	944.3	124407.0	0.66	86.50
52.0-53.0	10501.7	913.6	125320.6	0.64	87.13
53.0-54.0	10089.3	889.4	126210.0	0.62	87.75
54.0-55.0	9708.2	866.7	127076.7	0.60	88.35
55.0-56.0	9248.6	835.8	127912.6	0.58	88.93
56.0-57.0	8815.2	806.1	128718.7	0.56	89.49
57.0-58.0	8434.1	780.0	129498.7	0.54	90.04
58.0-59.0	8114.9	758.8	130257.5	0.53	90.56
59.0-60.0	7781.6	735.3	130992.7	0.51	91.08
60.0-61.0	7491.2	715.0	131707.7	0.50	91.57
61.0-62.0	7190.3	692.9	132400.7	0.48	92.05
62.0-63.0	6843.3	665.7	133066.3	0.46	92.52
63.0-64.0	6546.5	642.5	133708.8	0.45	92.96
64.0-65.0	6280.3	621.6	134330.4	0.43	93.40
65.0-66.0	6020.8	600.8	134931.2	0.42	93.81
66.0-67.0	5804.7	583.7	135514.9	0.41	94.22
67.0-68.0	5581.2	565.4	136080.4	0.39	94.61
68.0-69.0	5350.6	545.9	136626.3	0.38	94.99
69.0-70.0	5115.2	525.4	137151.7	0.37	95.36
70.0-71.0	4873.5	503.8	137655.5	0.35	95.71
71.0-72.0	4726.4	491.5	138147.0	0.34	96.05

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4508.7	471.5	138618.6	0.33	96.38
73.0-74.0	4304.2	452.6	139071.1	0.31	96.69
74.0-75.0	4105.7	433.9	139505.0	0.30	96.99
75.0-76.0	3843.6	408.1	139913.1	0.28	97.28
76.0-77.0	3717.2	396.4	140309.4	0.28	97.55
77.0-78.0	3532.9	378.2	140687.7	0.26	97.82
78.0-79.0	3277.1	352.2	141039.8	0.24	98.06
79.0-80.0	3076.1	331.7	141371.5	0.23	98.29
80.0-81.0	2881.1	311.6	141683.1	0.22	98.51
81.0-82.0	2771.0	300.5	141983.7	0.21	98.72
82.0-83.0	2671.0	290.4	142274.1	0.20	98.92
83.0-84.0	2482.5	270.5	142544.5	0.19	99.11
84.0-85.0	2348.2	256.3	142800.9	0.18	99.28
85.0-86.0	2216.0	242.3	143043.1	0.17	99.45
86.0-87.0	2057.3	225.2	143268.3	0.16	99.61
87.0-88.0	2041.0	223.6	143491.9	0.16	99.77
88.0-89.0	2053.6	225.1	143717.0	0.16	99.92
89.0-90.0	1023.7	112.3	143829.3	0.08	100.00
90.0-91.0	0.0	0.0	143829.3	0.00	100.00
91.0-92.0	0.0	0.0	143829.3	0.00	100.00
92.0-93.0	0.0	0.0	143829.3	0.00	100.00
93.0-94.0	0.0	0.0	143829.3	0.00	100.00
94.0-95.0	0.0	0.0	143829.3	0.00	100.00
95.0-96.0	0.0	0.0	143829.3	0.00	100.00
96.0-97.0	0.0	0.0	143829.3	0.00	100.00
97.0-98.0	0.0	0.0	143829.3	0.00	100.00
98.0-99.0	0.0	0.0	143829.3	0.00	100.00
99.0-100.0	0.0	0.0	143829.3	0.00	100.00
100.0-101.0	0.0	0.0	143829.3	0.00	100.00
101.0-102.0	0.0	0.0	143829.3	0.00	100.00
102.0-103.0	0.0	0.0	143829.3	0.00	100.00
103.0-104.0	0.0	0.0	143829.3	0.00	100.00
104.0-105.0	0.0	0.0	143829.3	0.00	100.00
105.0-106.0	0.0	0.0	143829.3	0.00	100.00
106.0-107.0	0.0	0.0	143829.3	0.00	100.00
107.0-108.0	0.0	0.0	143829.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	143829.3	0.00	100.00
109.0-110.0	0.0	0.0	143829.3	0.00	100.00
110.0-111.0	0.0	0.0	143829.3	0.00	100.00
111.0-112.0	0.0	0.0	143829.3	0.00	100.00
112.0-113.0	0.0	0.0	143829.3	0.00	100.00
113.0-114.0	0.0	0.0	143829.3	0.00	100.00
114.0-115.0	0.0	0.0	143829.3	0.00	100.00
115.0-116.0	0.0	0.0	143829.3	0.00	100.00
116.0-117.0	0.0	0.0	143829.3	0.00	100.00
117.0-118.0	0.0	0.0	143829.3	0.00	100.00
118.0-119.0	0.0	0.0	143829.3	0.00	100.00
119.0-120.0	0.0	0.0	143829.3	0.00	100.00
120.0-121.0	0.0	0.0	143829.3	0.00	100.00
121.0-122.0	0.0	0.0	143829.3	0.00	100.00
122.0-123.0	0.0	0.0	143829.3	0.00	100.00
123.0-124.0	0.0	0.0	143829.3	0.00	100.00
124.0-125.0	0.0	0.0	143829.3	0.00	100.00
125.0-126.0	0.0	0.0	143829.3	0.00	100.00
126.0-127.0	0.0	0.0	143829.3	0.00	100.00
127.0-128.0	0.0	0.0	143829.3	0.00	100.00
128.0-129.0	0.0	0.0	143829.3	0.00	100.00
129.0-130.0	0.0	0.0	143829.3	0.00	100.00
130.0-131.0	0.0	0.0	143829.3	0.00	100.00
131.0-132.0	0.0	0.0	143829.3	0.00	100.00
132.0-133.0	0.0	0.0	143829.3	0.00	100.00
133.0-134.0	0.0	0.0	143829.3	0.00	100.00
134.0-135.0	0.0	0.0	143829.3	0.00	100.00
135.0-136.0	0.0	0.0	143829.3	0.00	100.00
136.0-137.0	0.0	0.0	143829.3	0.00	100.00
137.0-138.0	0.0	0.0	143829.3	0.00	100.00
138.0-139.0	0.0	0.0	143829.3	0.00	100.00
139.0-140.0	0.0	0.0	143829.3	0.00	100.00
140.0-141.0	0.0	0.0	143829.3	0.00	100.00
141.0-142.0	0.0	0.0	143829.3	0.00	100.00
142.0-143.0	0.0	0.0	143829.3	0.00	100.00
143.0-144.0	0.0	0.0	143829.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	143829.3	0.00	100.00
145.0-146.0	0.0	0.0	143829.3	0.00	100.00
146.0-147.0	0.0	0.0	143829.3	0.00	100.00
147.0-148.0	0.0	0.0	143829.3	0.00	100.00
148.0-149.0	0.0	0.0	143829.3	0.00	100.00
149.0-150.0	0.0	0.0	143829.3	0.00	100.00
150.0-151.0	0.0	0.0	143829.3	0.00	100.00
151.0-152.0	0.0	0.0	143829.3	0.00	100.00
152.0-153.0	0.0	0.0	143829.3	0.00	100.00
153.0-154.0	0.0	0.0	143829.3	0.00	100.00
154.0-155.0	0.0	0.0	143829.3	0.00	100.00
155.0-156.0	0.0	0.0	143829.3	0.00	100.00
156.0-157.0	0.0	0.0	143829.3	0.00	100.00
157.0-158.0	0.0	0.0	143829.3	0.00	100.00
158.0-159.0	0.0	0.0	143829.3	0.00	100.00
159.0-160.0	0.0	0.0	143829.3	0.00	100.00
160.0-161.0	0.0	0.0	143829.3	0.00	100.00
161.0-162.0	0.0	0.0	143829.3	0.00	100.00
162.0-163.0	0.0	0.0	143829.3	0.00	100.00
163.0-164.0	0.0	0.0	143829.3	0.00	100.00
164.0-165.0	0.0	0.0	143829.3	0.00	100.00
165.0-166.0	0.0	0.0	143829.3	0.00	100.00
166.0-167.0	0.0	0.0	143829.3	0.00	100.00
167.0-168.0	0.0	0.0	143829.3	0.00	100.00
168.0-169.0	0.0	0.0	143829.3	0.00	100.00
169.0-170.0	0.0	0.0	143829.3	0.00	100.00
170.0-171.0	0.0	0.0	143829.3	0.00	100.00
171.0-172.0	0.0	0.0	143829.3	0.00	100.00
172.0-173.0	0.0	0.0	143829.3	0.00	100.00
173.0-174.0	0.0	0.0	143829.3	0.00	100.00
174.0-175.0	0.0	0.0	143829.3	0.00	100.00
175.0-176.0	0.0	0.0	143829.3	0.00	100.00
176.0-177.0	0.0	0.0	143829.3	0.00	100.00
177.0-178.0	0.0	0.0	143829.3	0.00	100.00
178.0-179.0	0.0	0.0	143829.3	0.00	100.00
179.0-180.0	0.0	0.0	143829.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 117200.94 lm

%lum = 81.5%
%lamp = 81.5%

cone flux(120°): 130992.73 lm

%lum = 91.1%
%lamp = 91.1%

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.320 m [K=8.8652]
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8
G1.0	379015.8	379083.3	379584.5	379653.0	379668.8	379137.5	378850.5	378112.2	377138.4	377112.8
G2.0	377111.4	377436.7	377768.8	377916.3	378115.7	376974.6	376021.1	375350.6	373613.3	372915.1
G3.0	372627.3	373387.5	373554.7	373696.8	372911.4	372009.3	370376.0	368597.2	366333.3	365572.6
G4.0	365928.1	365626.6	366373.0	365773.2	364641.7	363072.0	360425.3	358043.2	353610.3	354288.9
G5.0	355514.7	354707.3	354936.6	353412.9	351440.3	349509.5	346005.0	343251.2	337240.6	338956.1
G6.0	342035.3	340643.2	338432.3	337362.3	334573.9	329839.1	325556.9	323947.7	317345.7	319655.0
G7.0	323761.2	323501.8	320369.8	316128.8	314260.8	308618.0	303564.2	299777.4	295033.2	295872.9
G8.0	305608.7	303512.3	299475.2	294026.9	290895.2	284159.3	278168.1	274827.9	267993.4	271604.9
G9.0	283147.0	280526.5	275951.8	269401.4	265433.0	257687.2	251623.9	248565.9	242250.3	246324.5
G10.0	259376.3	256110.0	251317.4	243961.8	237613.2	231555.3	225872.3	223124.2	217101.4	221759.6
G11.0	235794.2	232219.9	226832.0	219241.4	213430.9	207940.0	202840.9	200403.0	194113.6	198692.8
G12.0	211077.0	208032.9	204392.7	197234.5	191673.6	184882.4	181190.0	180935.5	174583.4	178406.5
G13.0	190737.0	187638.5	182481.9	176638.6	173417.7	167647.0	164186.3	162438.7	157889.5	159780.3
G14.0	171341.8	169093.4	164920.7	160018.1	157327.9	152683.4	149219.3	147701.3	142303.1	144649.9
G15.0	153999.6	152437.8	149039.7	145039.3	142764.1	138740.0	136247.9	135069.4	129539.6	131544.0
G16.0	139237.2	137712.3	135232.0	133357.5	130352.8	126701.1	125012.3	123408.0	118815.6	119747.5
G17.0	126568.2	124943.9	123782.0	121987.7	118472.8	115845.7	114651.6	113496.5	108132.0	109422.1
G18.0	114750.1	114227.1	113212.8	110875.7	108895.2	106432.2	104933.3	104172.9	98893.6	99798.5
G19.0	103972.0	103321.3	103551.4	101785.3	99671.9	96597.0	95296.9	95491.9	89601.3	90472.0
G20.0	94571.6	94399.7	94066.2	92233.6	91102.5	88271.8	86972.8	85990.5	81416.4	82157.7
G21.0	86332.7	85990.9	85719.2	84282.9	82901.0	80259.5	79031.4	78416.8	74068.9	74720.7
G22.0	77391.5	77555.1	77738.1	76562.9	74835.7	73566.6	71746.1	71335.2	67302.3	68120.5
G23.0	70206.1	70172.1	70746.1	69453.3	68296.3	65948.8	65800.3	65292.6	60873.2	61520.4
G24.0	63547.5	63868.9	63889.7	63171.5	61906.7	59609.6	59225.7	59332.1	55281.6	56270.0
G25.0	57888.3	58105.6	57981.7	57391.6	55966.7	54413.2	54182.0	53699.6	50135.6	50979.1
G26.0	52674.8	52976.6	52954.6	51801.7	50980.4	49733.7	49370.7	49037.8	45800.1	46255.0
G27.0	47974.6	48266.1	47859.7	47772.1	46648.0	45135.7	44969.4	44786.2	41545.6	42543.3
G28.0	43760.6	43839.0	43848.8	43416.8	42451.8	41163.6	40937.2	40848.9	38101.5	39101.5
G29.0	39803.3	40059.8	40203.7	39807.8	38759.8	37463.5	37110.0	37417.5	34954.5	35781.2
G30.0	36575.3	36631.5	36951.7	36334.5	35708.1	34470.8	34103.0	34273.2	31888.5	32555.3
G31.0	33468.8	33662.1	33604.7	33132.5	32492.8	31967.7	31683.6	31525.3	29727.5	30692.7
G32.0	31159.2	31124.6	31138.6	31002.3	30422.0	29886.4	29496.7	29283.3	27661.0	28330.7
G33.0	29241.3	28870.6	29065.4	28628.0	28405.7	27587.5	26817.6	27273.6	25594.6	26360.1
G34.0	26648.1	26765.0	27303.9	26430.0	26103.3	25574.2	25218.4	25605.8	23865.8	24457.0
G35.0	25054.3	25266.8	25203.6	24829.0	24536.5	23805.8	23632.9	23609.8	22218.0	22864.3
G36.0	23176.9	23647.2	23442.0	23173.7	22956.1	22459.0	22211.4	22529.8	20813.3	21352.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	22123.4	22135.5	22303.8	21654.1	21811.7	21370.8	20871.8	20902.9	19570.7	20232.4
G38.0	20745.8	21150.2	20948.8	20812.9	20217.8	20391.3	19778.4	20164.7	18773.9	19517.0
G39.0	19381.6	20016.4	19905.4	19551.1	19536.6	19384.7	18944.6	19043.7	17814.9	18302.2
G40.0	18355.2	18801.7	19092.4	18818.5	18514.8	18269.2	17974.1	18182.4	16693.9	17478.9
G41.0	17720.4	17735.4	17886.4	17855.2	17275.0	17181.0	17509.4	17170.8	16086.1	16750.1
G42.0	16774.9	16804.1	17086.9	16796.9	16634.7	16868.1	16402.2	16364.2	15113.6	15643.3
G43.0	15897.0	16237.2	16382.3	16227.0	16035.2	15657.4	15828.2	16049.7	14303.2	15062.9
G44.0	14749.0	15656.8	15609.9	15575.8	15108.8	15222.1	15172.1	15270.5	13776.5	14172.1
G45.0	14465.3	14820.0	15217.0	14883.8	14441.3	14650.8	14447.6	14409.2	12925.6	13969.6
G46.0	13452.3	14077.6	14322.7	13974.8	14114.3	13861.8	13559.2	13889.7	12831.1	12876.4
G47.0	13155.2	13213.8	13875.5	13513.5	13419.5	13168.0	13053.4	13206.2	11912.6	12633.4
G48.0	12601.4	12754.9	13319.9	12984.3	12738.3	12637.5	12862.1	12727.7	11196.8	11729.1
G49.0	11777.6	12444.4	12534.0	12238.1	12356.8	12229.4	12329.0	12208.2	10683.5	11270.2
G50.0	11399.4	11688.6	12127.5	11763.2	12016.2	11671.6	11563.6	11675.0	10575.5	11054.2
G51.0	10818.6	11337.7	11422.9	11478.3	11362.3	11236.3	11276.5	11360.6	9724.6	10379.4
G52.0	10183.8	10811.3	10935.1	10813.5	10967.2	10678.6	10688.8	10909.4	9359.9	9920.5
G53.0	9967.7	10338.9	10447.3	10555.7	10313.2	10311.3	10429.1	10225.9	8657.6	9313.1
G54.0	9562.5	10176.9	10108.5	9890.9	10013.5	9780.8	9745.7	10102.9	8981.7	9205.1
G55.0	8698.1	9313.1	9553.0	9714.5	9727.4	9318.3	9527.0	9610.7	8144.3	9083.6
G56.0	8441.5	9191.6	9038.1	9198.9	9386.8	9250.2	8911.9	9474.0	7752.7	8044.4
G57.0	8144.3	8624.7	8577.3	8602.0	9168.8	8570.1	8529.2	8749.4	7252.9	7909.4
G58.0	7766.2	8152.3	8455.4	8615.5	8446.8	8066.8	8187.4	8544.4	7523.1	7464.0
G59.0	7590.6	8057.8	8008.2	8249.2	8351.4	7849.1	7531.4	8175.3	7090.8	7410.0
G60.0	7104.3	7356.0	8048.9	7665.8	7643.0	7441.0	7545.0	7847.1	6645.1	7059.1
G61.0	6861.2	7275.0	7588.2	7530.1	7860.9	7332.2	7367.3	7614.7	6375.0	6465.2
G62.0	6415.5	6910.6	7263.0	7190.9	7084.4	6992.1	6793.3	7204.6	5821.2	6316.7
G63.0	6050.9	6897.1	6856.4	6838.1	6539.4	6896.9	6834.3	6903.9	5429.6	5898.3
G64.0	6037.3	6289.7	6368.6	6946.7	6689.3	6584.0	6355.9	6739.8	5200.0	5574.4
G65.0	5443.1	6127.7	6639.6	6417.5	6321.5	6638.4	6451.5	6302.3	5240.5	5371.9
G66.0	5213.5	5817.3	5907.9	5617.1	6348.7	5454.9	5850.1	6165.6	5105.4	5493.4
G67.0	5064.9	5925.3	5528.5	5562.8	6239.7	6216.7	5412.7	6151.9	4673.2	5209.9
G68.0	5024.4	5358.4	5406.6	5739.2	5803.8	5196.5	5809.1	5700.8	4592.2	3981.7
G69.0	4889.3	5196.4	5826.6	5250.7	5204.3	5196.5	5508.4	5673.5	3970.9	4980.5
G70.0	3943.9	4953.5	5013.6	5305.0	5190.7	5359.7	4825.0	5345.4	4146.5	3914.2
G71.0	3646.7	4859.0	4471.6	4979.4	5313.3	4883.6	5235.0	4880.5	3768.3	4116.7
G72.0	3862.8	4940.0	4498.7	4992.9	4509.5	4910.8	5235.0	4716.5	3862.8	3887.2
G73.0	4187.0	4494.6	4742.6	4301.0	4223.4	4448.3	4059.5	4880.5	3268.5	3833.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	4105.9	4116.7	4647.8	4518.1	4400.5	4312.2	4579.0	4675.5	3484.6	2942.4
G75.0	3309.1	4103.2	3848.3	4233.1	4209.8	3686.5	4387.6	4210.7	2674.3	3482.3
G76.0	3214.5	3063.9	4065.1	3622.6	4318.8	3917.8	4264.6	4169.6	3295.6	2982.9
G77.0	3309.1	3860.2	3916.0	3527.6	3923.7	3890.5	3950.2	3923.6	2687.8	2901.9
G78.0	2660.8	3387.8	3590.8	3459.8	3337.8	3428.0	3567.5	3335.7	2228.5	3036.9
G79.0	2809.3	3198.8	3482.4	3595.5	3596.7	3672.9	2993.4	3171.7	2147.5	2861.4
G80.0	2620.2	2753.4	3374.0	3256.3	3297.0	3087.9	3499.1	3390.4	1796.4	1984.1
G81.0	1958.4	2618.5	3008.2	3120.6	3119.9	3074.3	2952.4	3349.4	2255.6	2227.0
G82.0	2323.1	2524.0	2899.8	2903.5	2615.8	2707.1	3075.4	3007.6	1809.9	2119.1
G83.0	2242.1	2375.5	2764.3	2903.5	2997.2	2435.0	2870.4	2583.8	1796.4	1957.1
G84.0	1580.2	2389.0	2642.3	2713.6	2125.3	2666.2	2392.0	2816.2	1458.7	1430.7
G85.0	1823.4	2227.0	2222.3	2605.0	2534.0	2802.3	2556.0	2132.7	1674.8	1943.6
G86.0	1485.7	1700.7	2154.5	2116.6	2411.4	2040.5	2446.7	2173.7	1431.7	2173.1
G87.0	1202.1	1930.1	2235.8	2008.0	2574.9	2067.7	2077.6	2529.1	1512.7	1417.2
G88.0	1350.6	1727.6	2344.2	2143.7	2397.8	2489.4	2419.3	2351.4	1229.1	1646.7
G89.0	1229.1	1889.6	1910.6	2415.1	2479.5	2217.3	2173.3	1941.3	1634.3	1741.1
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	0.0	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	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

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	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
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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	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
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	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
G126.0	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
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	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
G131.0	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	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	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	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8	379123.8			
G1.0	376562.8	376953.0	377189.3	377341.8	377675.0	377879.8	379015.8			
G2.0	372646.8	372950.5	373074.9	373913.8	374695.3	375213.9	377111.4			
G3.0	365831.0	366560.1	366767.0	368363.7	369514.9	370196.7	372627.3			
G4.0	355234.7	356533.5	357312.1	359439.9	361231.8	361201.2	365928.1			
G5.0	340600.3	341405.5	344137.8	346911.3	349162.4	349321.1	355514.7			
G6.0	322442.9	323889.5	327544.0	331389.9	332336.5	334310.3	342035.3			
G7.0	299339.7	303863.5	308416.2	311039.4	314376.1	316510.7	323761.2			
G8.0	275735.0	281001.8	284274.8	289954.3	293640.9	296140.9	305608.7			
G9.0	250870.3	256715.5	261168.8	267590.4	271812.3	274062.3	283147.6			
G10.0	226412.0	230543.3	237654.0	244628.1	249163.5	248866.7	259376.3			
G11.0	203105.4	207722.4	214834.1	221148.8	223084.0	225215.8	235794.2			
G12.0	182766.5	186610.9	193458.3	199356.3	201077.7	203383.3	211077.6			
G13.0	163796.0	168905.0	174657.5	177931.1	181258.3	183546.7	190737.0			
G14.0	148253.8	152800.1	155952.0	160586.9	163721.6	165801.8	171341.8			
G15.0	133998.9	138621.8	141129.2	145024.7	147920.8	150093.8	153999.6			
G16.0	122413.4	124931.9	128445.4	131435.0	134101.9	135083.0	139237.2			
G17.0	111776.4	113630.0	116756.2	119368.9	120939.1	123011.5	126568.2			
G18.0	101911.8	103644.1	106265.8	108676.7	109976.9	112115.8	114750.1			
G19.0	91993.0	94363.8	97001.6	98229.4	100422.6	102573.4	103972.0			
G20.0	83903.5	86019.6	87505.8	89169.6	91415.1	92320.2	94571.6			
G21.0	76084.9	78340.2	79345.2	81320.5	83022.6	83898.9	86332.7			
G22.0	69147.2	70267.4	72546.9	73893.1	75272.6	76120.1	77391.5			
G23.0	63130.8	63985.5	65735.0	66873.8	67836.9	69079.5	70206.1			
G24.0	56802.9	57852.9	59631.5	60929.2	61686.0	63064.3	63547.5			
G25.0	51978.9	53172.0	54904.0	54998.1	56451.0	57459.2	57888.3			
G26.0	47561.6	48206.2	49522.6	50590.7	51339.0	52045.4	52674.8			
G27.0	43577.8	44217.3	45667.1	46468.9	46978.7	47575.0	47974.6			
G28.0	39783.7	40716.8	41702.5	42605.5	43233.5	43815.5	43760.6			
G29.0	36463.9	37297.8	38569.1	38483.7	39693.4	40356.8	39803.3			
G30.0	33523.4	34177.2	35571.8	35722.3	36016.6	36898.0	36575.3			
G31.0	30935.3	31884.2	32765.3	33042.4	33993.6	33958.7	33468.8			
G32.0	29119.6	29686.3	30667.2	30933.9	31437.6	31894.4	31159.2			
G33.0	27114.1	27746.1	28582.8	29315.1	29114.0	29570.3	29241.3			
G34.0	25203.6	26050.1	26893.4	27587.5	27323.4	27847.8	26648.1			
G35.0	23604.6	24204.9	25136.0	25288.5	25792.5	26043.2	25054.3			
G36.0	22385.1	23038.1	23705.5	23724.2	24576.0	24471.1	23176.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	21274.0	21694.8	22397.6	22635.9	23058.8	22953.6	22123.4			
G38.0	19932.5	20297.4	21089.7	21275.6	21555.3	21818.9	20745.8			
G39.0	18875.6	19415.5	20217.8	20404.9	20571.1	20861.9	19381.6			
G40.0	17940.6	18248.6	19005.2	19629.6	19464.0	19973.3	18355.2			
G41.0	17574.7	17760.2	18337.7	18296.4	18657.5	18578.9	17720.4			
G42.0	16504.3	16837.6	17275.0	17439.4	17659.7	17731.3	16774.9			
G43.0	15488.0	15996.4	16525.7	16664.0	16949.0	17416.8	15897.0			
G44.0	14756.3	15046.6	16008.0	15793.4	16142.5	16268.5	14749.0			
G45.0	14214.3	14653.2	15217.8	15045.2	15404.4	15584.9	14465.3			
G46.0	13590.9	14110.5	14850.0	14596.3	14748.3	14874.0	13452.3			
G47.0	12859.2	13337.1	13732.8	13834.6	14187.9	14176.8	13155.2			
G48.0	12547.6	12211.0	13433.1	13412.9	13531.8	13848.7	12601.4			
G49.0	12019.1	12143.1	12929.0	12773.5	12889.4	13028.5	11777.6			
G50.0	11301.0	11776.8	12043.5	11943.7	12561.4	12673.0	11399.4			
G51.0	11382.3	11152.7	11593.9	11590.0	11713.9	12167.2	10818.6			
G52.0	10935.1	10745.7	10939.9	11386.0	11563.6	11264.9	10183.8			
G53.0	10027.2	10352.2	10667.5	10678.6	10811.8	10854.8	9967.7			
G54.0	9702.0	9836.6	9877.3	10515.3	10606.8	10800.1	9562.5			
G55.0	9187.1	9538.1	10258.7	9767.2	10224.1	10089.2	8698.1			
G56.0	8861.9	8764.8	9250.6	9481.5	9609.0	9542.3	8441.5			
G57.0	8238.6	8425.6	9482.2	8923.8	9390.3	9296.3	8144.3			
G58.0	8157.3	8194.9	8269.7	8474.9	8761.5	8927.2	7766.2			
G59.0	8089.5	7530.1	8392.3	8298.0	8351.5	8694.7	7590.6			
G60.0	7384.9	7611.5	7779.2	7876.3	8078.1	8257.3	7104.3			
G61.0	6870.0	7326.6	7820.1	7889.9	8064.4	8134.2	6861.2			
G62.0	6585.4	7123.1	7247.9	7373.0	7722.7	7669.4	6415.5			
G63.0	6761.6	6390.4	7479.5	7060.1	7176.0	7259.3	6050.9			
G64.0	6287.3	6159.8	6648.4	6516.0	6957.3	6862.8	6037.3			
G65.0	5853.7	5874.8	6294.2	6597.6	6383.2	6794.5	5443.1			
G66.0	5799.5	5684.9	6130.7	6556.8	6178.2	6589.4	5213.5			
G67.0	5623.4	5698.5	5953.6	6203.1	6178.2	6193.0	5064.9			
G68.0	5487.9	4992.9	5667.5	5944.6	6219.2	5837.5	5024.4			
G69.0	5081.4	5142.2	5858.2	5536.5	5727.1	5413.7	4889.3			
G70.0	4905.2	5277.9	4891.0	5155.7	5522.1	5482.1	3943.9			
G71.0	4742.6	4925.1	5163.4	5155.7	5112.0	5468.4	3646.7			
G72.0	4580.0	4911.5	4999.9	4897.2	4565.3	5154.0	3862.8			
G73.0	4038.0	3907.5	5040.8	4720.3	4948.0	4661.8	4187.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	4092.2	3907.5	4686.6	4366.7	4524.3	4620.8	4105.9			
G75.0	3848.3	4124.6	4400.5	4543.5	4059.5	4279.0	3309.1			
G76.0	2886.2	2672.8	4318.8	3890.5	4483.3	4429.4	3214.5			
G77.0	3455.3	3609.0	3910.0	3945.0	4237.2	4306.4	3309.1			
G78.0	3089.5	3188.4	4114.4	3808.9	3745.2	3718.5	2660.8			
G79.0	2818.5	2849.2	3678.4	2829.5	3840.9	3622.8	2809.3			
G80.0	2588.1	2645.7	2997.2	3196.8	3075.4	3704.8	2620.2			
G81.0	2330.7	2292.9	2915.5	2856.7	3458.1	3390.4	1958.4			
G82.0	2561.0	2822.1	2929.1	2829.5	3280.4	3335.7	2323.1			
G83.0	2398.4	2645.7	2983.6	2652.6	3102.8	3021.3	2242.1			
G84.0	1951.2	2577.9	3010.9	3019.9	2077.6	2857.2	1580.2			
G85.0	2100.3	2103.0	2847.4	2639.0	2542.3	2679.5	1823.4			
G86.0	2059.6	1913.0	2384.2	2054.1	2241.6	2693.2	1485.7			
G87.0	1869.9	2089.4	2316.1	2421.4	2187.0	1913.9	1202.1			
G88.0	1612.5	1696.0	2397.8	2258.1	2433.0	2460.8	1350.6			
G89.0	2046.1	1913.0	2343.3	2013.3	2214.3	2597.5	1229.1			
G90.0	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			
G92.0	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			
G94.0	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			
G96.0	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			
G98.0	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			
G100.0	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			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	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			
G105.0	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			
G107.0	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			
G109.0	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			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	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			
G113.0	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			
G115.0	0.0	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			
G117.0	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			
G119.0	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			
G121.0	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			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	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			
G126.0	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			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	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			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 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