

Report No.:

Test Time: 2024/2/27 10:55

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.588 A
Power Factor: 0.957

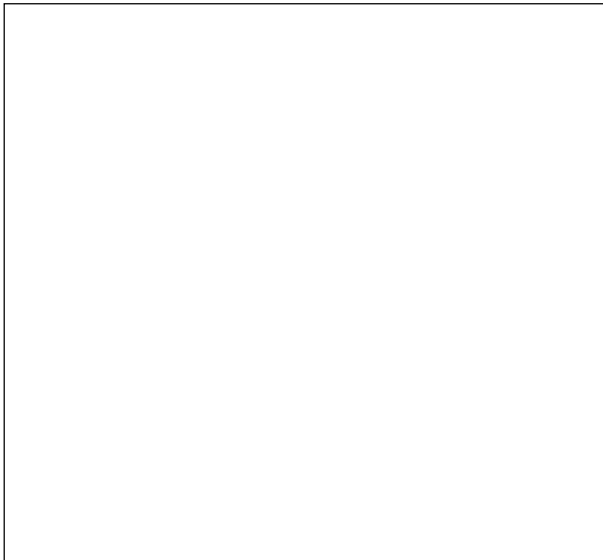
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 729.45 W

Photometric Results

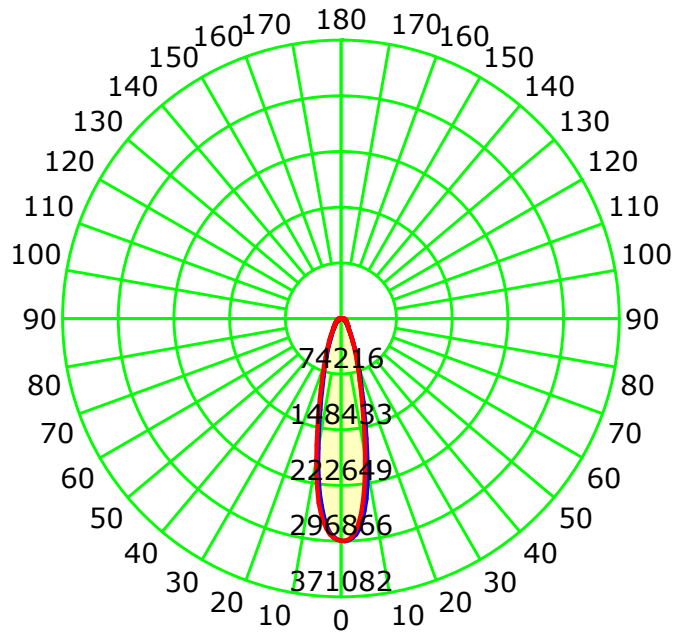
IES Classification: Type I
Total Rated Lamp Lumens: 116107.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 296151.66 cd
Pos of Max. Intensity: H22.5 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 24.3, 24.4, 24.3, 24.3

Longitudinal Classification: Very Short
Measurement Flux: 116107.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 159.22
Max. Intensity: 296866.19 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

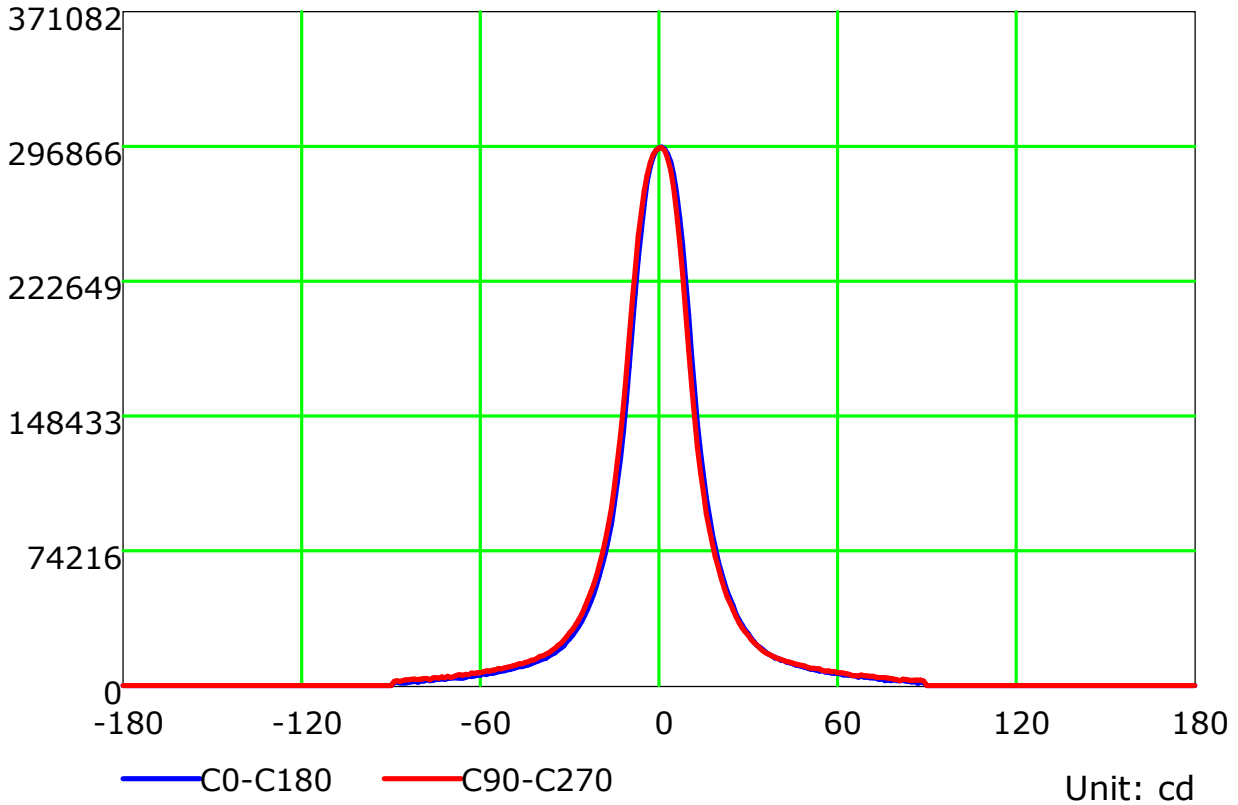
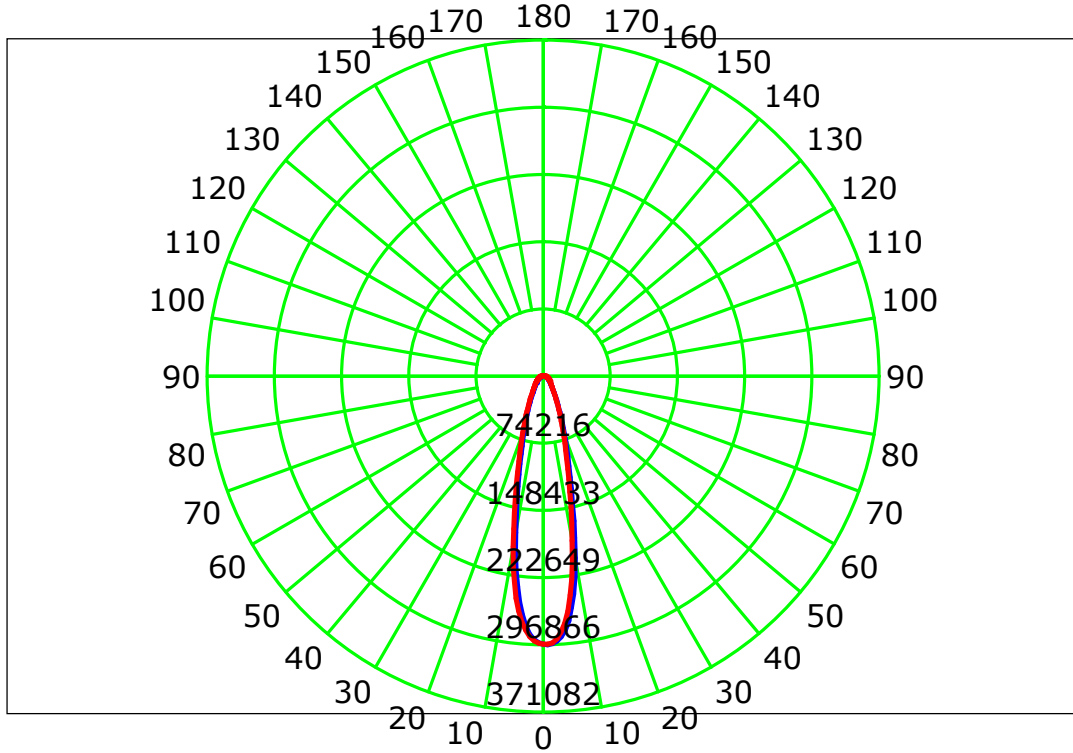
Average Diffuse Angle(50%): 24.3°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °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

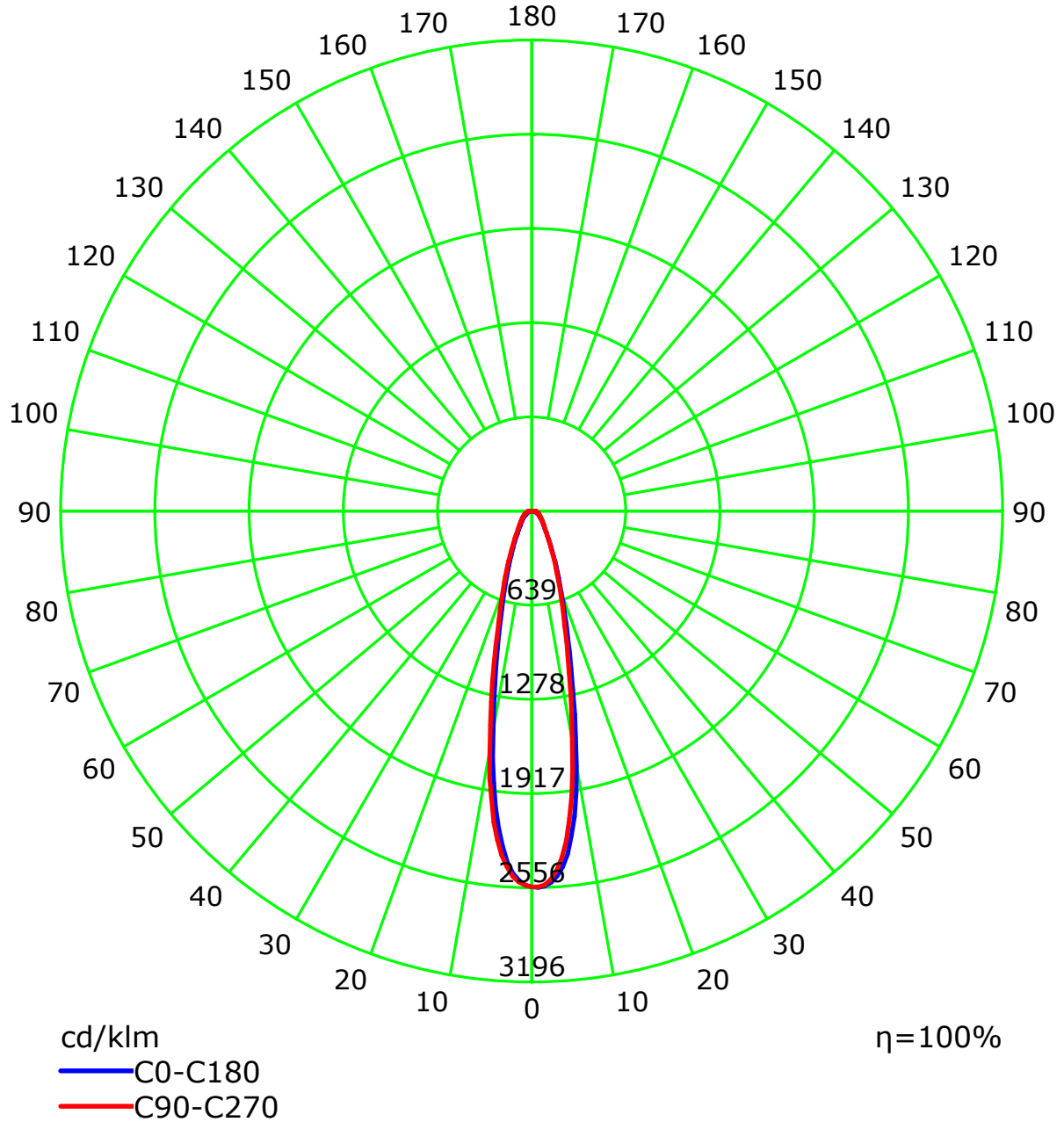


C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Luminous Intensity Distribution Curve(cd/klm)



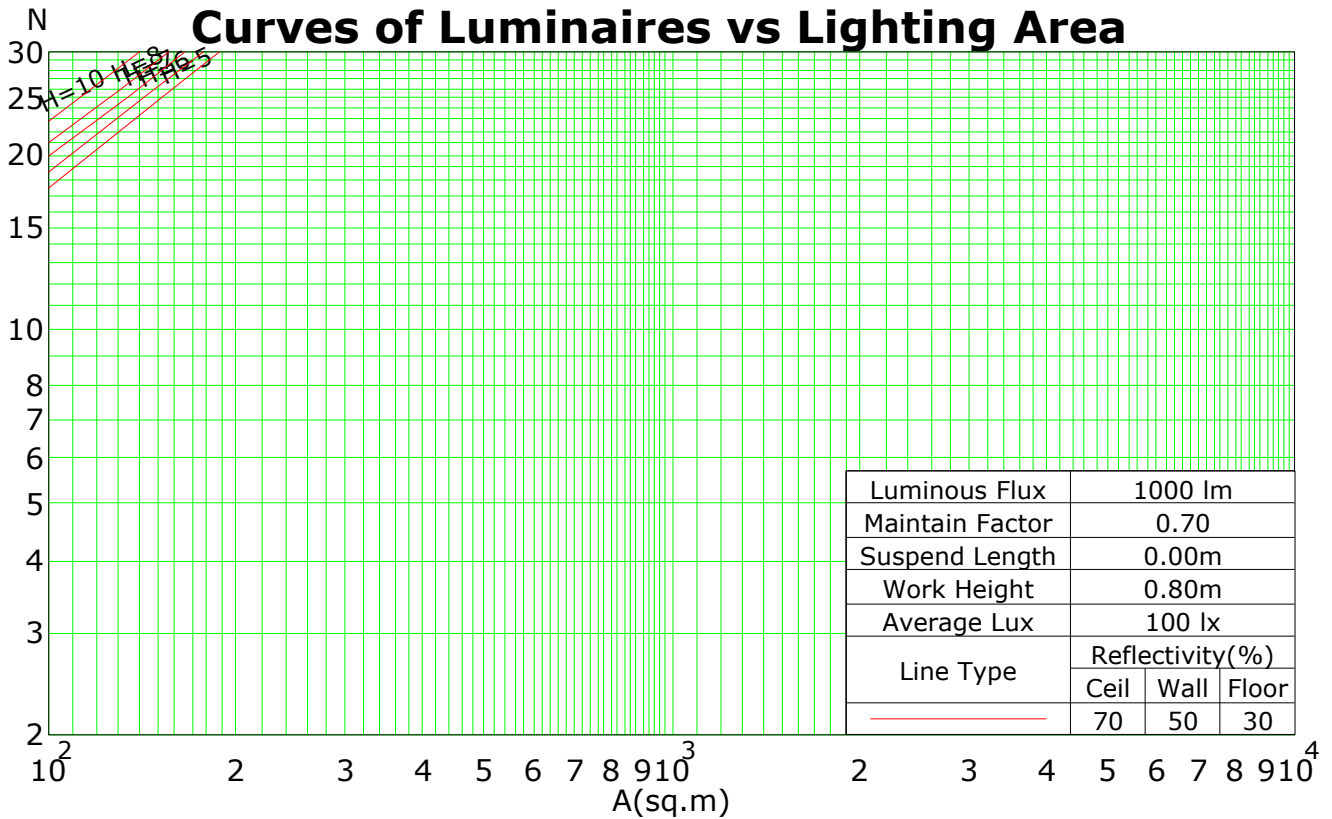
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 °C
Operator:

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	1.11	1.08	1.05	1.02	1.09	1.06	1.03	1.00	1.02	0.99	0.97	0.98	0.96	0.94	0.94	0.93	0.91	0.89
2	1.05	0.99	0.94	0.90	1.02	0.97	0.92	0.89	0.94	0.90	0.87	0.91	0.87	0.85	0.88	0.85	0.83	0.81
3	0.99	0.91	0.85	0.81	0.97	0.90	0.84	0.80	0.87	0.83	0.79	0.85	0.81	0.77	0.82	0.79	0.76	0.75
4	0.94	0.85	0.79	0.74	0.92	0.84	0.78	0.73	0.82	0.77	0.73	0.80	0.75	0.72	0.78	0.74	0.71	0.69
5	0.89	0.80	0.73	0.68	0.87	0.79	0.73	0.68	0.77	0.72	0.67	0.75	0.70	0.67	0.73	0.69	0.66	0.65
6	0.85	0.75	0.69	0.64	0.83	0.74	0.68	0.64	0.73	0.67	0.63	0.71	0.66	0.63	0.70	0.66	0.62	0.61
7	0.81	0.71	0.65	0.60	0.79	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.59	0.67	0.62	0.59	0.57
8	0.77	0.67	0.61	0.57	0.76	0.67	0.61	0.57	0.66	0.60	0.57	0.65	0.60	0.56	0.64	0.59	0.56	0.55
9	0.74	0.64	0.58	0.54	0.73	0.64	0.58	0.54	0.63	0.58	0.54	0.62	0.57	0.54	0.61	0.57	0.53	0.52
10	0.71	0.61	0.56	0.52	0.70	0.61	0.55	0.52	0.60	0.55	0.51	0.59	0.55	0.51	0.59	0.54	0.51	0.50

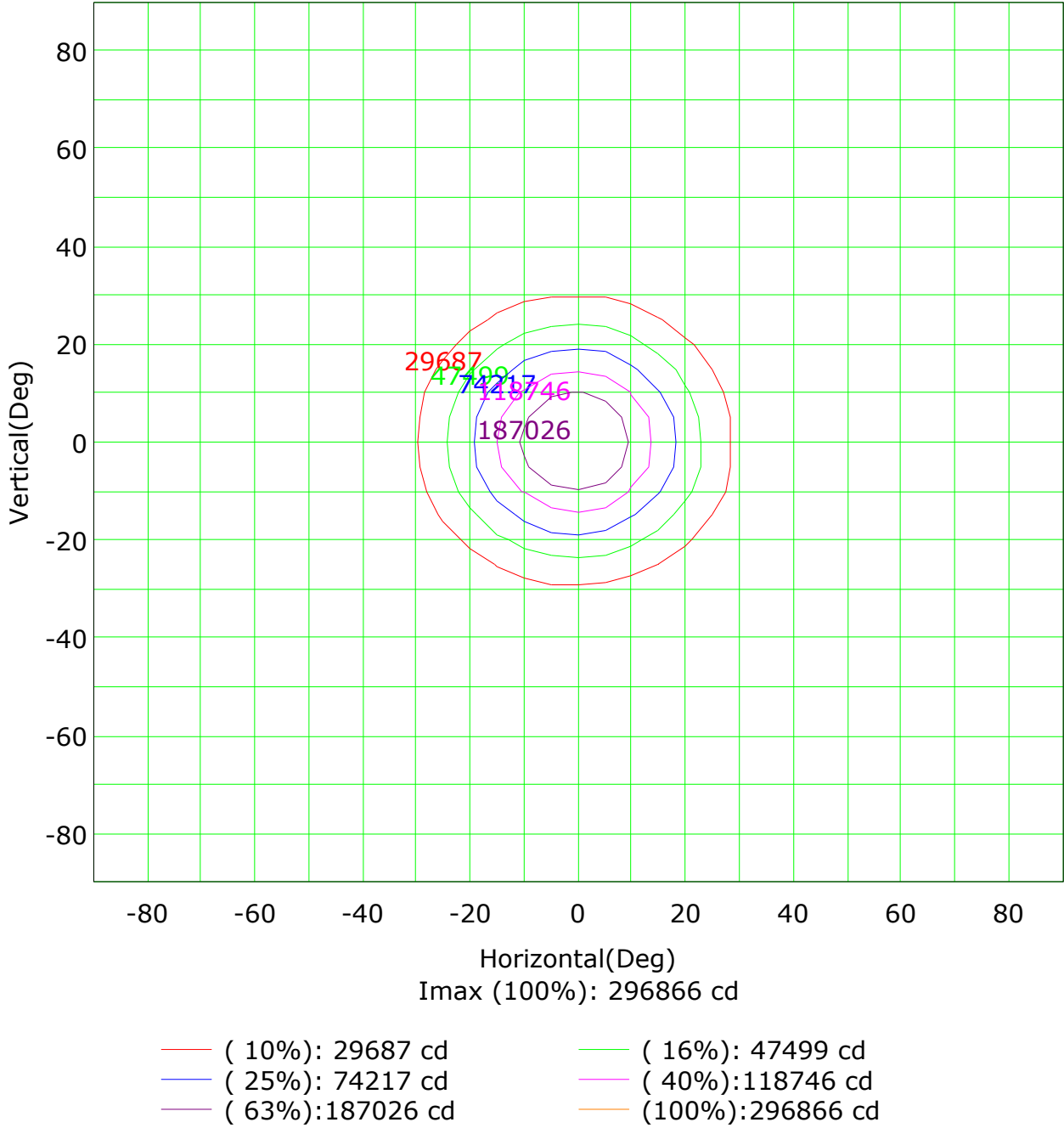
Spacing Criteria (0-180): 0.41
 Spacing Criteria (90-270): 0.41
 Spacing Criteria (Diagonal): 0.44



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °C
 Operator:

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

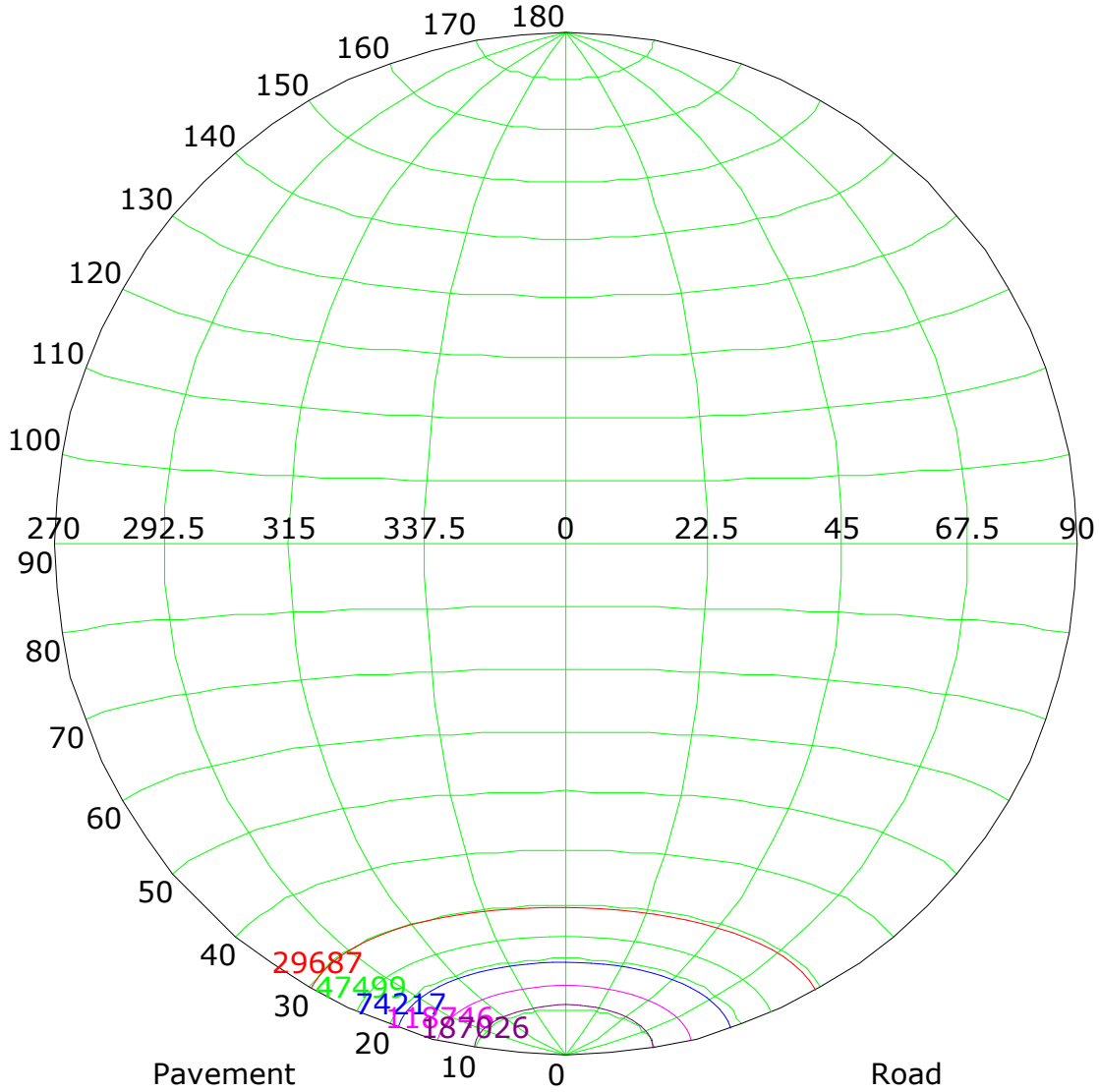
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.0 '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%): 296866 cd

- (10%): 29687 cd
 - (25%): 74217 cd
 - (63%): 187026 cd
- (16%): 47499 cd
 - (40%): 118746 cd
 - (100%): 296866 cd

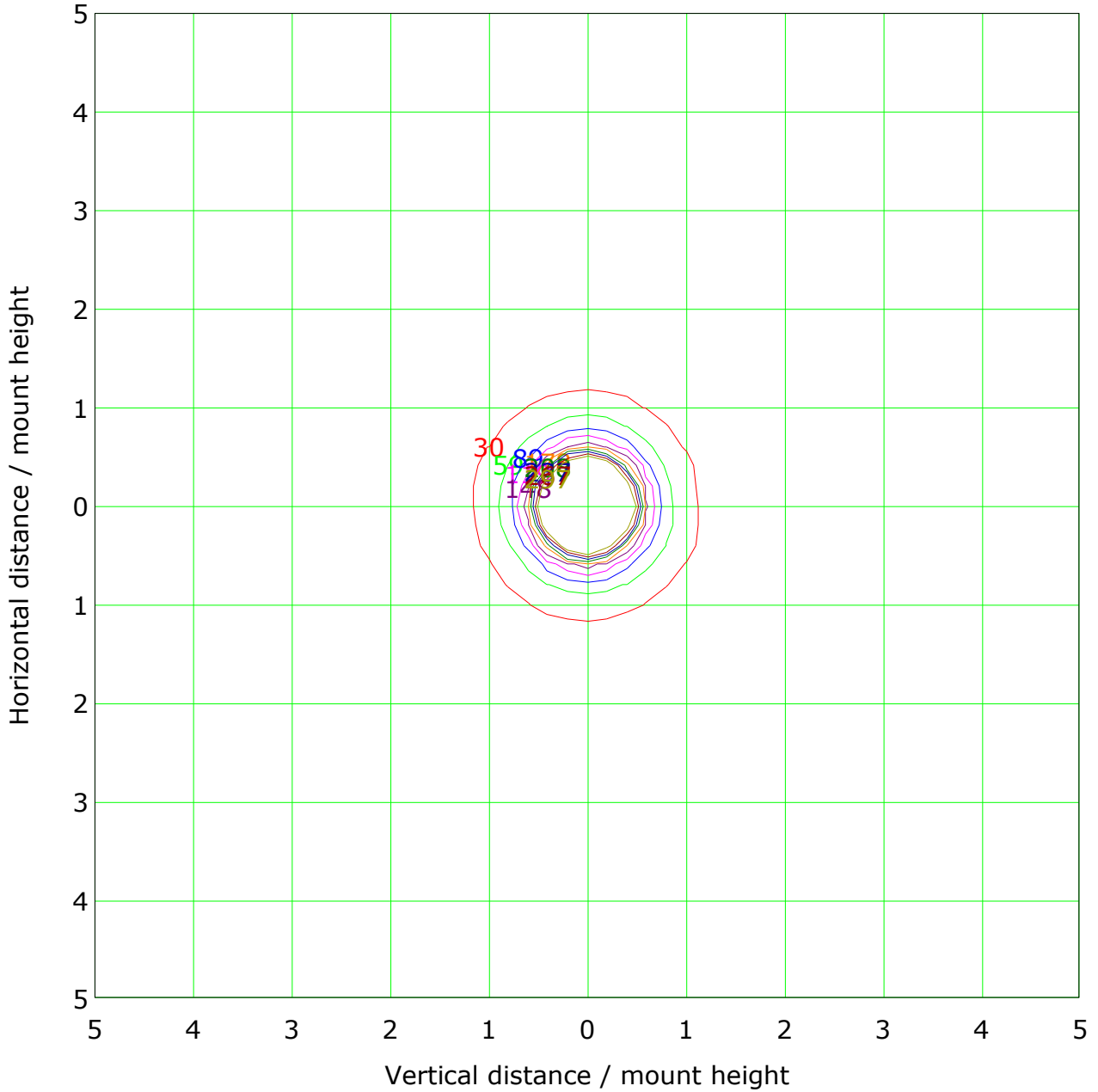
CIE: narrow - short
 CIE: Semi-cut-off luminaire
 Max.At90: 0.000 cd/klm

IES: Cut-off
 Max.At80: 32.647 cd/klm
 Max.80-90: 32.647 cd/klm

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °C
 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%): 2967.3 lx

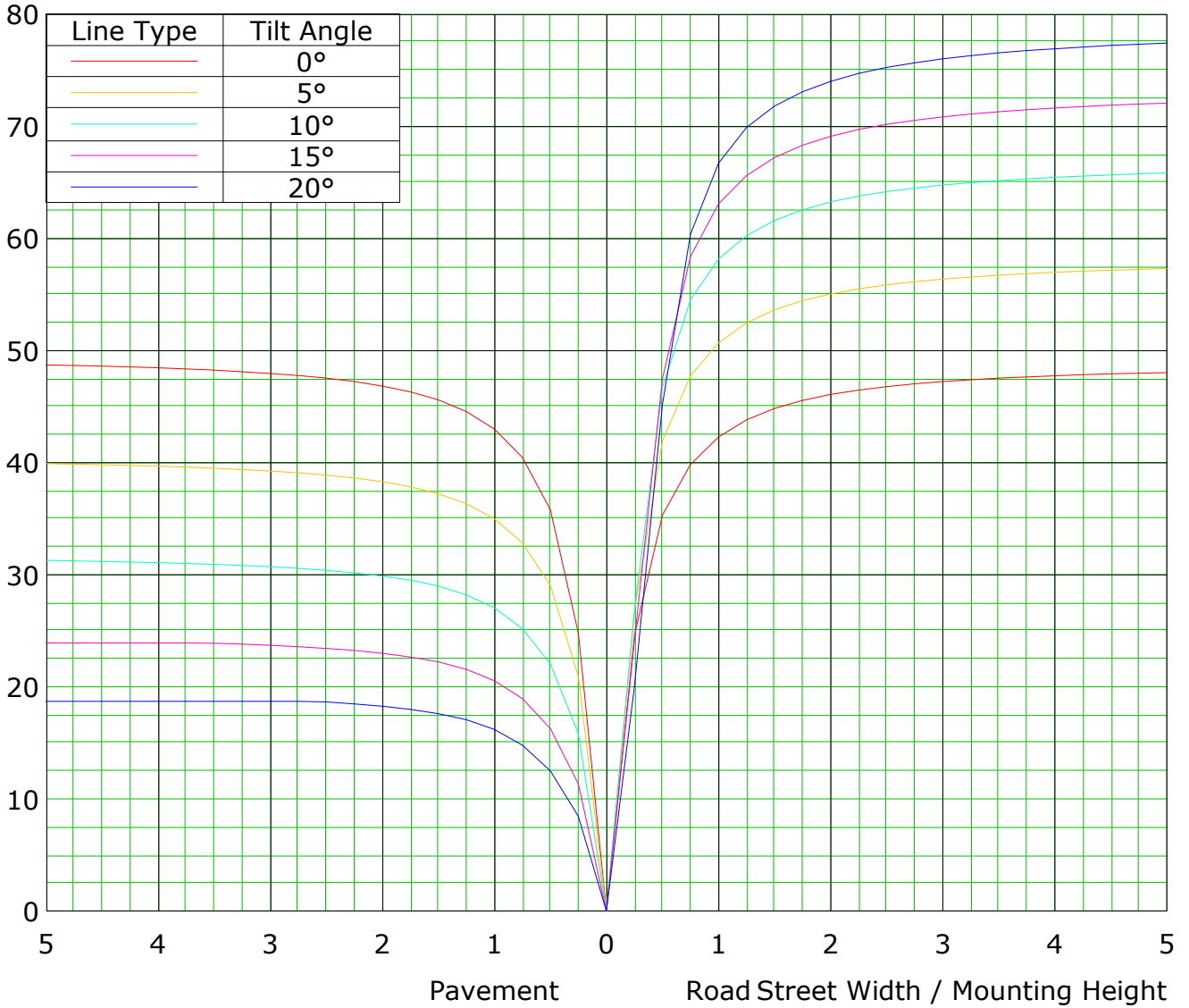
- (1%): 29.7 lx
- (2%): 59.3 lx
- (3%): 89.0 lx
- (4%): 118.7 lx
- (5%): 148.4 lx
- (6%): 178.0 lx
- (7%): 207.7 lx
- (8%): 237.4 lx
- (9%): 267.1 lx
- (10%): 296.7 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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(%)



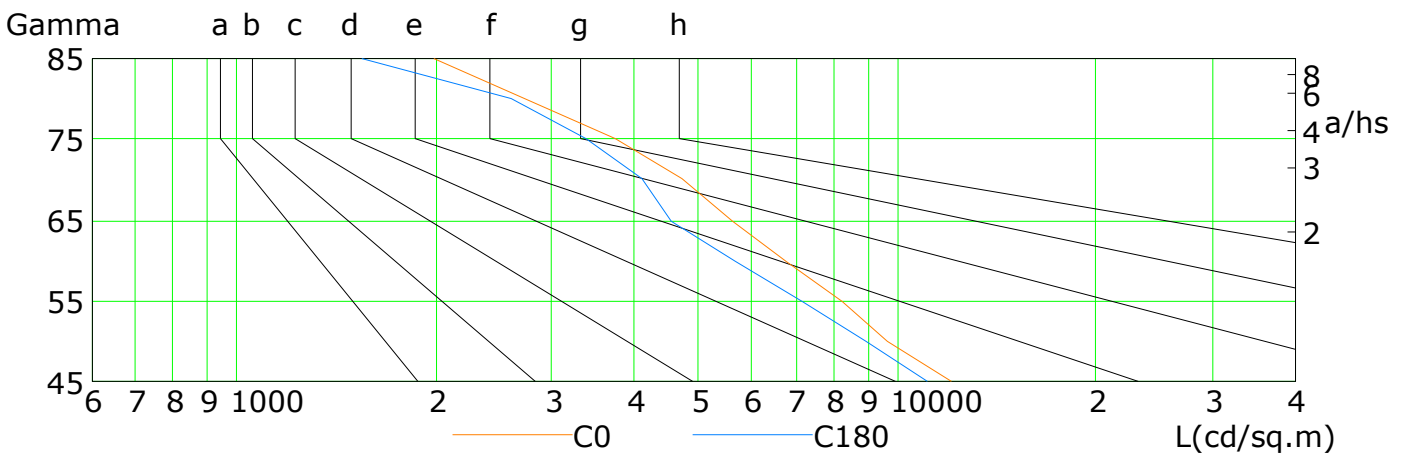
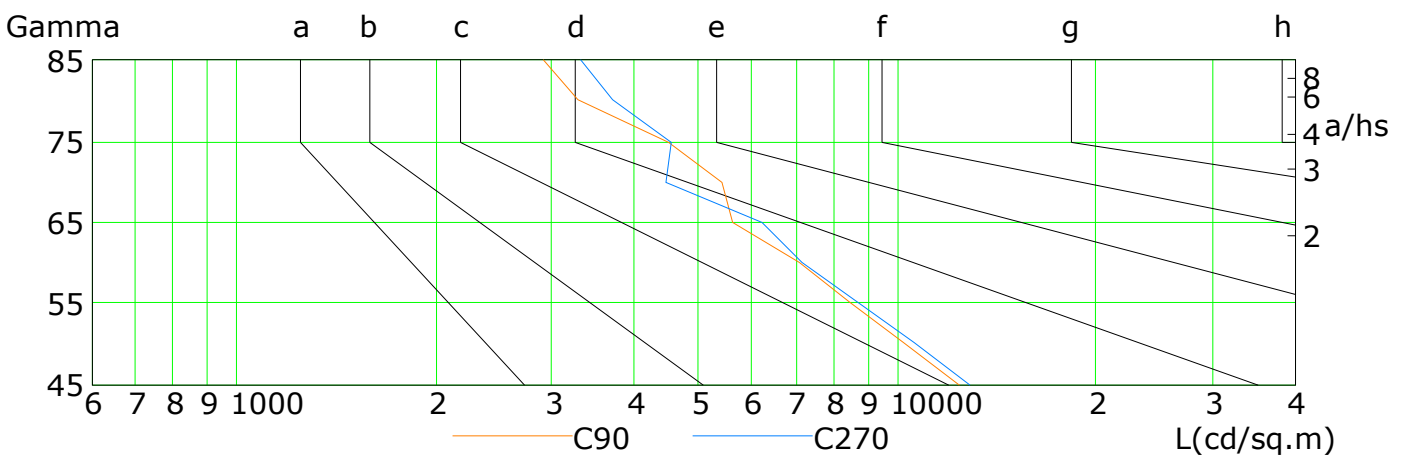
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 'C
 Operator:

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								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h

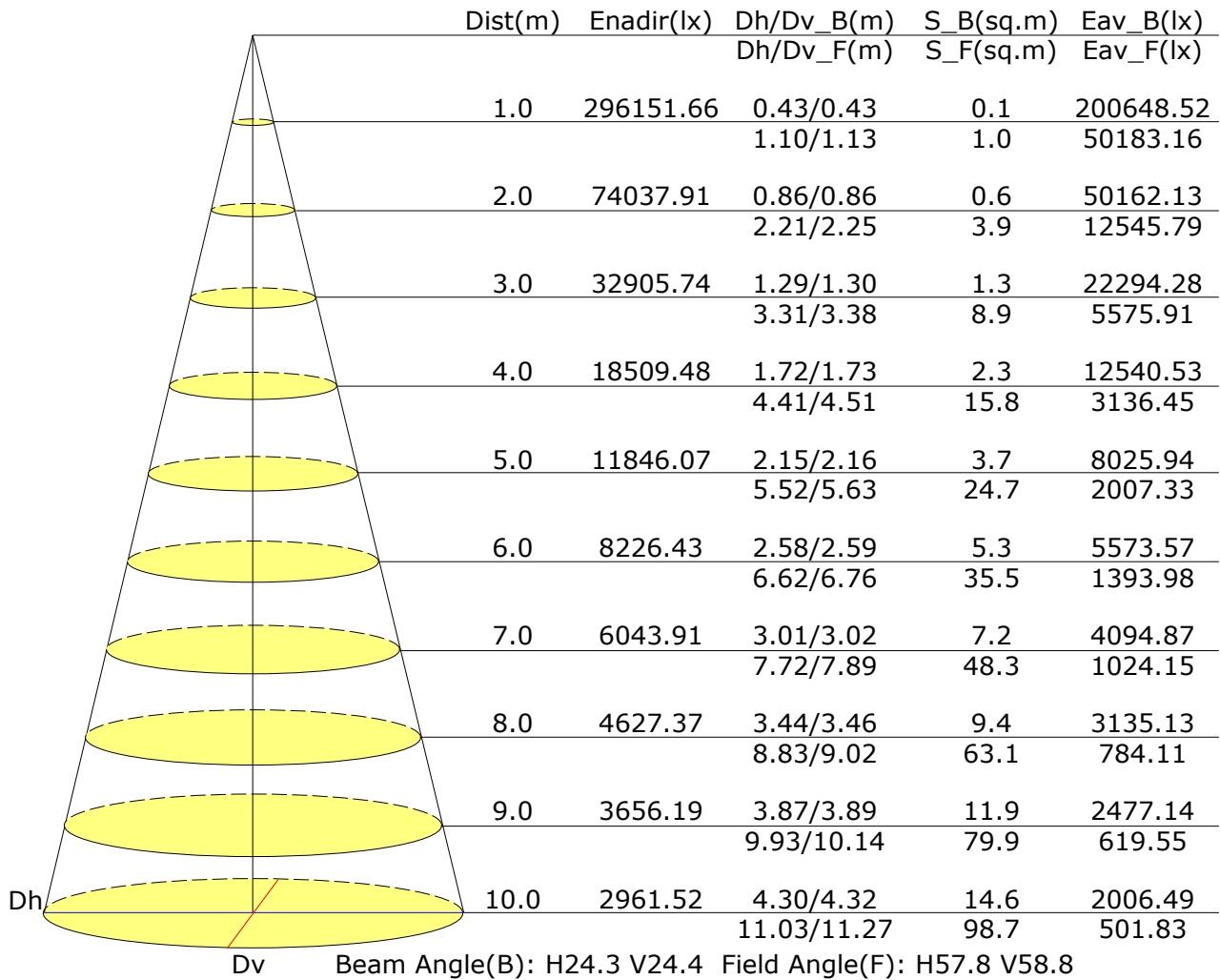


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	12065	9652	8212	6786	5635	4730	3729	2715	1988
C90	12357	10219	8440	7116	5641	5434	4482	3282	2910
C180	11050	8953	7170	5662	4552	4086	3373	2605	1536
C270	12826	10550	8702	7185	6247	4468	4524	3696	3310

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °C
 Operator:

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

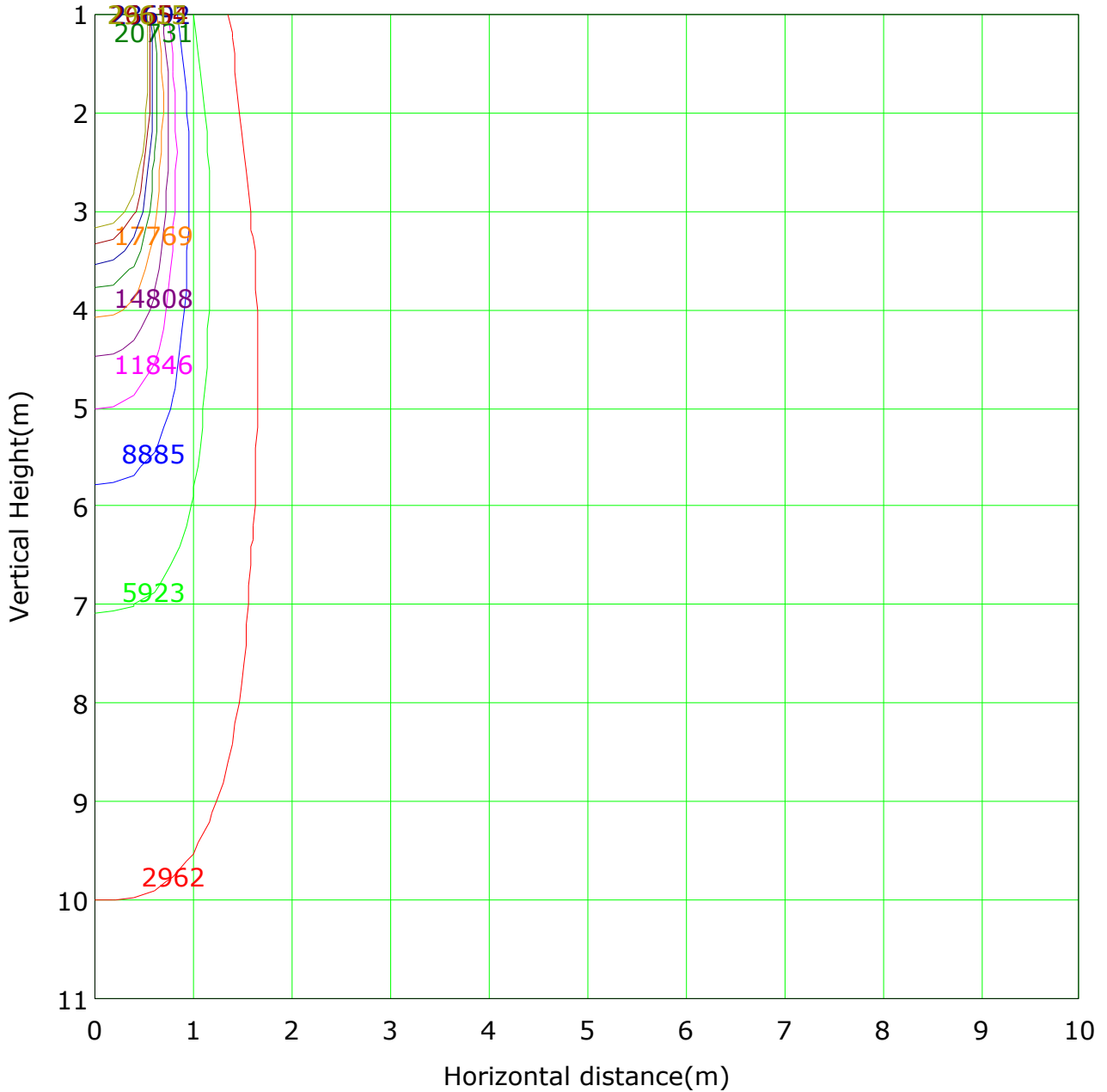
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 '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



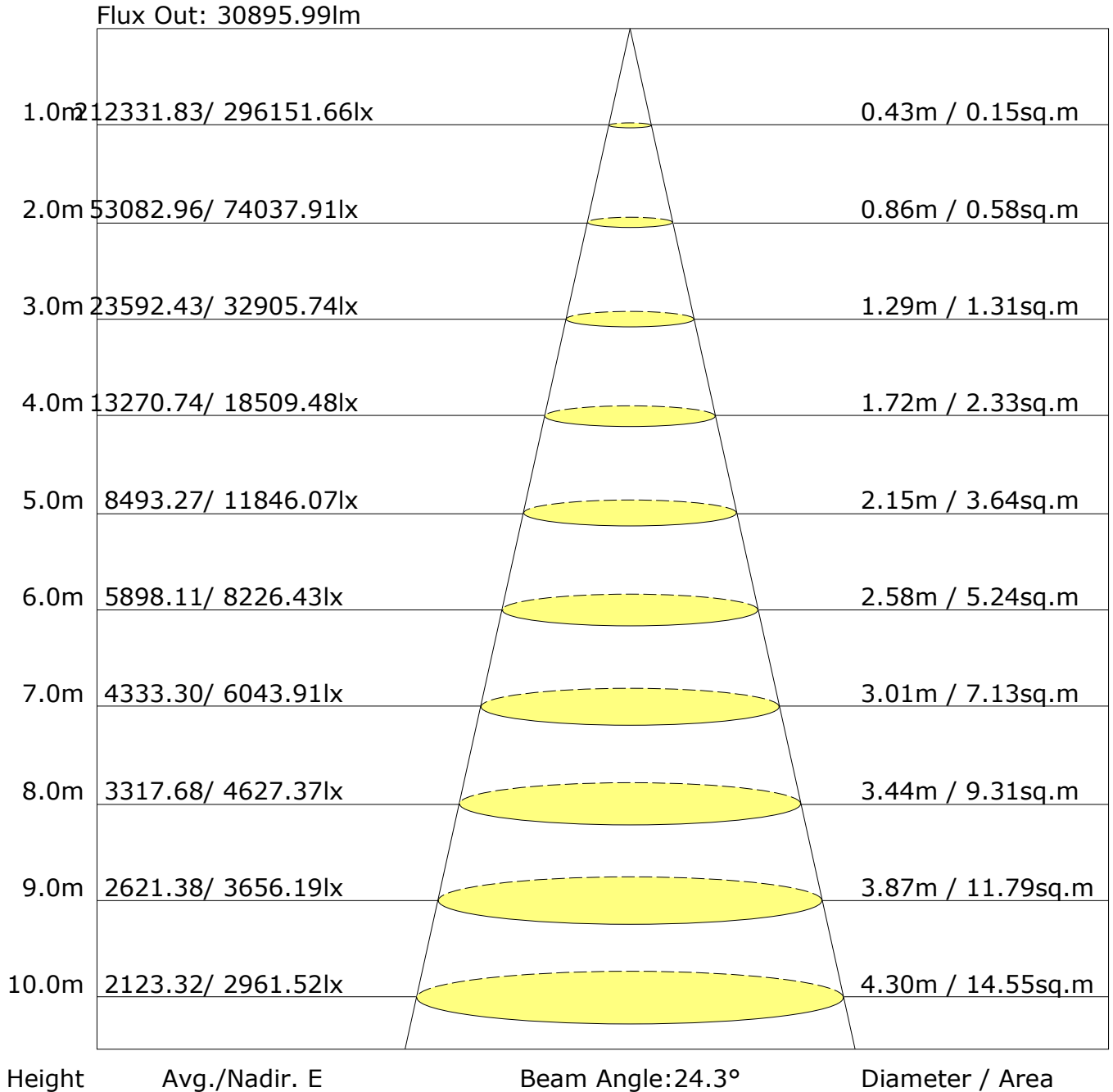
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 296151.7 lx

(1%):2961.5 lx	(2%):5923.0 lx
(3%):8884.5 lx	(4%):11846.1 lx
(5%):14807.6 lx	(6%):17769.1 lx
(7%):20730.6 lx	(8%):23692.1 lx
(9%):26653.6 lx	(10%):29615.2 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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

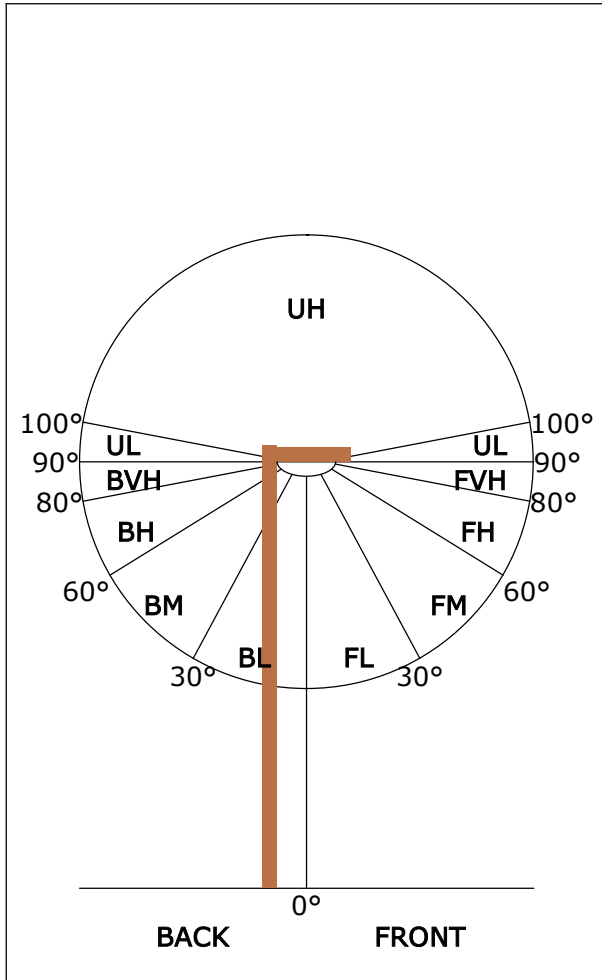
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 116107lm (8log(F/F0) = 16.5).

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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



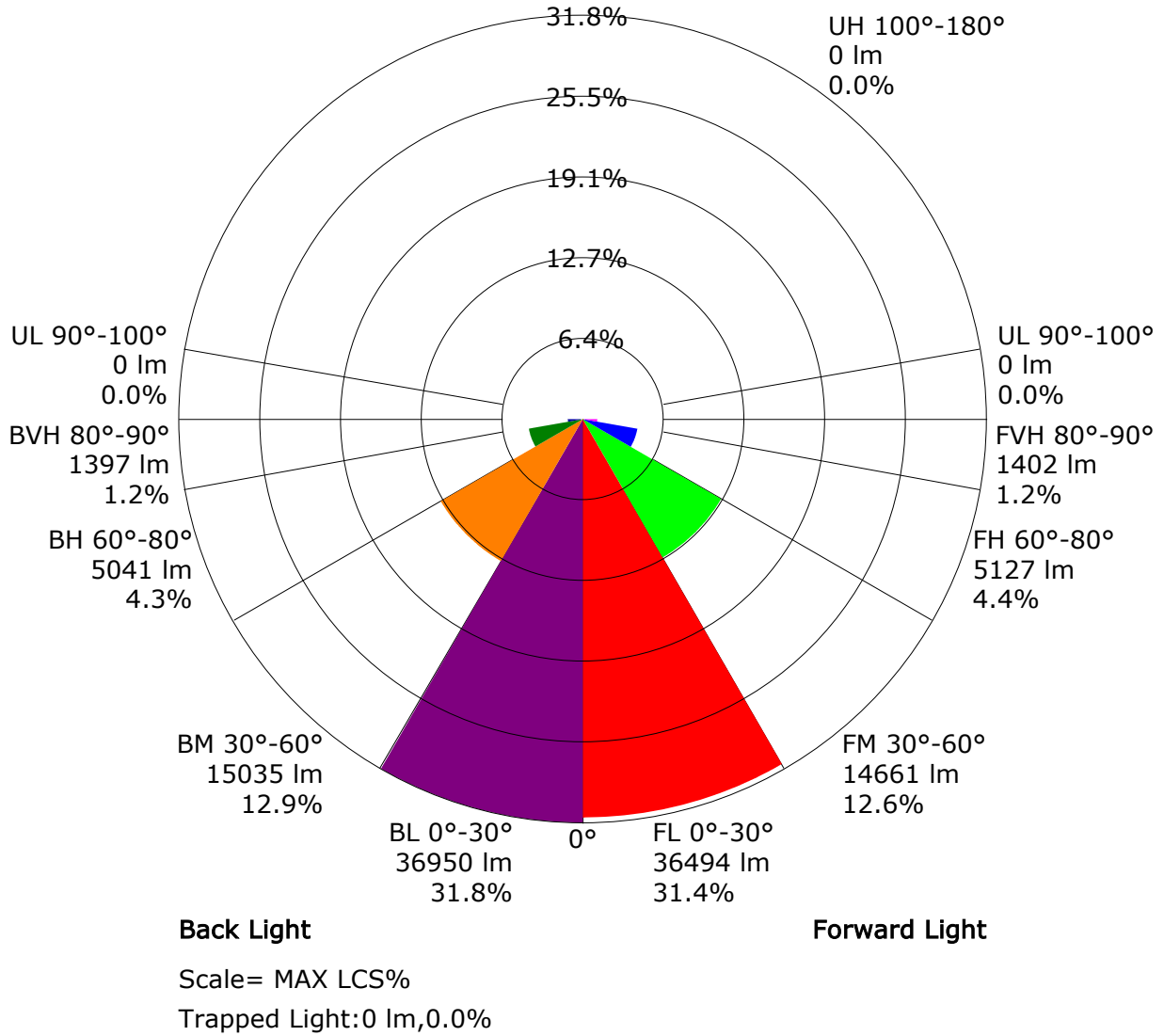
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	57684	49.7
FL (0°-30°)	36494	31.4
FM (30°-60°)	14661	12.6
FH (60°-80°)	5127	4.4
FVH (80°-90°)	1402	1.2
BACK LIGHT	58424	50.3
BL (0°-30°)	36950	31.8
BM (30°-60°)	15035	12.9
BH (60°-80°)	5041	4.3
BVH (80°-90°)	1397	1.2
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	0	0.0

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: 25.0 '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



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °C
 Operator:

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

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.75	0.83	0.88	0.91	0.97	1.00	1.03	1.06	1.08	
		0.30	0.69	0.77	0.82	0.86	0.92	0.96	0.99	1.03	1.05	
		0.20	0.65	0.72	0.78	0.82	0.88	0.92	0.95	1.00	1.03	
0.50	0.50	0.20	0.74	0.81	0.85	0.89	0.94	0.97	0.99	1.02	1.04	
		0.30	0.69	0.76	0.81	0.84	0.90	0.93	0.96	0.99	1.02	
		0.20	0.65	0.72	0.77	0.81	0.86	0.90	0.93	0.97	1.00	
0.30	0.50	0.20	0.73	0.79	0.83	0.87	0.91	0.94	0.96	0.98	1.00	
		0.30	0.68	0.75	0.79	0.83	0.88	0.91	0.93	0.96	0.98	
		0.20	0.64	0.71	0.76	0.80	0.85	0.88	0.91	0.94	0.97	
0.00	0.00	0.00	0.62	0.69	0.73	0.77	0.81	0.85	0.87	0.90	0.92	

Rating:729W Photometrically tested without ceiling board.
 Multiply UF values by service correction factors
 Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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	0.75	0.62	0.53	0.46	0.37	0.31	0.27	0.21	0.17	
	0.30		0.62	0.53	0.46	0.41	0.34	0.29	0.25	0.20	0.17	
	0.20		0.53	0.46	0.41	0.37	0.31	0.26	0.23	0.19	0.16	
0.50	0.50	0.20	0.72	0.59	0.50	0.44	0.35	0.33	0.25	0.20	0.16	
	0.30		0.61	0.51	0.45	0.39	0.32	0.27	0.24	0.19	0.16	
	0.20		0.53	0.45	0.40	0.36	0.30	0.25	0.22	0.18	0.15	
0.30	0.50	0.20	0.69	0.56	0.48	0.42	0.33	0.28	0.24	0.19	0.15	
	0.30		0.59	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
	0.20		0.52	0.44	0.39	0.35	0.29	0.24	0.21	0.17	0.14	
0.00	0.00	0.00	0.39	0.33	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
<p>Rating:729W 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	0.12	0.14	0.15	0.17	0.17	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	0.20	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		0.05	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.13	0.15	0.16	0.17	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	0.17	0.18
	0.20		0.05	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
<p>Rating:729W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal FluxS [%]	Sum Rel Zonal Flux [%]
0.0-1.0	295829.2	283.1	283.1	0.24	0.24
1.0-2.0	294393.6	845.1	1128.2	0.73	0.97
2.0-3.0	291201.4	1392.9	2521.1	1.20	2.17
3.0-4.0	285858.4	1913.7	4434.8	1.65	3.82
4.0-5.0	277920.5	2391.2	6826.0	2.06	5.88
5.0-6.0	267011.3	2806.4	9632.4	2.42	8.30
6.0-7.0	253120.7	3142.2	12774.7	2.71	11.00
7.0-8.0	236780.3	3389.2	16163.9	2.92	13.92
8.0-9.0	218573.8	3542.8	19706.7	3.05	16.97
9.0-10.0	199068.0	3603.0	23309.7	3.10	20.08
10.0-11.0	179168.0	3580.5	26890.2	3.08	23.16
11.0-12.0	160259.0	3503.7	30393.9	3.02	26.18
12.0-13.0	142897.1	3391.7	33785.6	2.92	29.10
13.0-14.0	127290.1	3258.6	37044.2	2.81	31.91
14.0-15.0	113838.0	3125.6	40169.8	2.69	34.60
15.0-16.0	102117.6	2992.6	43162.4	2.58	37.17
16.0-17.0	91808.6	2859.4	46021.8	2.46	39.64
17.0-18.0	82907.3	2733.9	48755.8	2.35	41.99
18.0-19.0	75246.2	2618.3	51374.0	2.26	44.25
19.0-20.0	68438.7	2505.2	53879.3	2.16	46.40
20.0-21.0	62388.3	2396.0	56275.2	2.06	48.47
21.0-22.0	57036.4	2292.3	58567.6	1.97	50.44
22.0-23.0	52141.3	2188.1	60755.7	1.88	52.33
23.0-24.0	47736.3	2087.4	62843.1	1.80	54.13
24.0-25.0	43807.3	1992.2	64835.3	1.72	55.84
25.0-26.0	40116.4	1893.9	66729.2	1.63	57.47
26.0-27.0	36688.5	1795.2	68524.3	1.55	59.02
27.0-28.0	33795.5	1711.3	70235.6	1.47	60.49
28.0-29.0	31334.2	1639.6	71875.2	1.41	61.90
29.0-30.0	29056.1	1569.0	73444.2	1.35	63.26
30.0-31.0	26916.6	1498.1	74942.3	1.29	64.55
31.0-32.0	24938.7	1428.9	76371.2	1.23	65.78
32.0-33.0	23242.0	1369.4	77740.7	1.18	66.96
33.0-34.0	21747.4	1316.3	79057.0	1.13	68.09
34.0-35.0	20359.2	1264.6	80321.5	1.09	69.18
35.0-36.0	19138.5	1218.7	81540.3	1.05	70.23

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	18057.8	1177.9	82718.2	1.01	71.24
37.0-38.0	17045.5	1137.9	83856.1	0.98	72.22
38.0-39.0	16170.4	1103.9	84960.0	0.95	73.17
39.0-40.0	15470.1	1079.1	86039.0	0.93	74.10
40.0-41.0	14813.3	1055.0	87094.0	0.91	75.01
41.0-42.0	14188.8	1031.0	88125.0	0.89	75.90
42.0-43.0	13564.5	1004.9	89130.0	0.87	76.77
43.0-44.0	12965.4	978.7	90108.7	0.84	77.61
44.0-45.0	12453.7	957.2	91065.9	0.82	78.43
45.0-46.0	11980.6	937.1	92003.0	0.81	79.24
46.0-47.0	11590.6	922.0	92924.9	0.79	80.03
47.0-48.0	11196.6	905.3	93830.2	0.78	80.81
48.0-49.0	10769.3	884.5	94714.7	0.76	81.58
49.0-50.0	10325.6	861.0	95575.7	0.74	82.32
50.0-51.0	9919.6	839.4	96415.1	0.72	83.04
51.0-52.0	9563.3	820.7	97235.8	0.71	83.75
52.0-53.0	9237.4	803.7	98039.5	0.69	84.44
53.0-54.0	8927.6	787.0	98826.4	0.68	85.12
54.0-55.0	8595.8	767.4	99593.8	0.66	85.78
55.0-56.0	8257.4	746.3	100340.1	0.64	86.42
56.0-57.0	7927.4	724.9	101065.0	0.62	87.04
57.0-58.0	7636.8	706.3	101771.3	0.61	87.65
58.0-59.0	7408.9	692.7	102464.1	0.60	88.25
59.0-60.0	7156.7	676.2	103140.3	0.58	88.83
60.0-61.0	6900.2	658.6	103798.9	0.57	89.40
61.0-62.0	6656.2	641.5	104440.3	0.55	89.95
62.0-63.0	6411.5	623.7	105064.0	0.54	90.49
63.0-64.0	6191.4	607.6	105671.6	0.52	91.01
64.0-65.0	5954.9	589.4	106261.0	0.51	91.52
65.0-66.0	5706.2	569.4	106830.4	0.49	92.01
66.0-67.0	5461.9	549.3	107379.7	0.47	92.48
67.0-68.0	5394.9	546.6	107926.3	0.47	92.95
68.0-69.0	5294.8	540.2	108466.5	0.47	93.42
69.0-70.0	5009.4	514.5	108981.0	0.44	93.86
70.0-71.0	4830.3	499.3	109480.3	0.43	94.29
71.0-72.0	4691.6	487.9	109968.2	0.42	94.71

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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 Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4525.7	473.3	110441.6	0.41	95.12
73.0-74.0	4373.1	459.8	110901.4	0.40	95.52
74.0-75.0	4174.6	441.1	111342.5	0.38	95.90
75.0-76.0	3985.3	423.1	111765.6	0.36	96.26
76.0-77.0	3798.1	405.0	112170.6	0.35	96.61
77.0-78.0	3663.6	392.2	112562.9	0.34	96.95
78.0-79.0	3542.6	380.7	112943.6	0.33	97.28
79.0-80.0	3382.6	364.7	113308.3	0.31	97.59
80.0-81.0	3158.6	341.6	113649.9	0.29	97.88
81.0-82.0	2989.1	324.2	113974.1	0.28	98.16
82.0-83.0	2944.7	320.2	114294.3	0.28	98.44
83.0-84.0	2836.3	309.0	114603.3	0.27	98.70
84.0-85.0	2664.9	290.9	114894.2	0.25	98.96
85.0-86.0	2535.3	277.2	115171.4	0.24	99.19
86.0-87.0	2472.1	270.6	115442.0	0.23	99.43
87.0-88.0	2453.4	268.8	115710.7	0.23	99.66
88.0-89.0	2420.4	265.3	115976.1	0.23	99.89
89.0-90.0	1196.7	131.2	116107.3	0.11	100.00
90.0-91.0	0.0	0.0	116107.3	0.00	100.00
91.0-92.0	0.0	0.0	116107.3	0.00	100.00
92.0-93.0	0.0	0.0	116107.3	0.00	100.00
93.0-94.0	0.0	0.0	116107.3	0.00	100.00
94.0-95.0	0.0	0.0	116107.3	0.00	100.00
95.0-96.0	0.0	0.0	116107.3	0.00	100.00
96.0-97.0	0.0	0.0	116107.3	0.00	100.00
97.0-98.0	0.0	0.0	116107.3	0.00	100.00
98.0-99.0	0.0	0.0	116107.3	0.00	100.00
99.0-100.0	0.0	0.0	116107.3	0.00	100.00
100.0-101.0	0.0	0.0	116107.3	0.00	100.00
101.0-102.0	0.0	0.0	116107.3	0.00	100.00
102.0-103.0	0.0	0.0	116107.3	0.00	100.00
103.0-104.0	0.0	0.0	116107.3	0.00	100.00
104.0-105.0	0.0	0.0	116107.3	0.00	100.00
105.0-106.0	0.0	0.0	116107.3	0.00	100.00
106.0-107.0	0.0	0.0	116107.3	0.00	100.00
107.0-108.0	0.0	0.0	116107.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	116107.3	0.00	100.00
109.0-110.0	0.0	0.0	116107.3	0.00	100.00
110.0-111.0	0.0	0.0	116107.3	0.00	100.00
111.0-112.0	0.0	0.0	116107.3	0.00	100.00
112.0-113.0	0.0	0.0	116107.3	0.00	100.00
113.0-114.0	0.0	0.0	116107.3	0.00	100.00
114.0-115.0	0.0	0.0	116107.3	0.00	100.00
115.0-116.0	0.0	0.0	116107.3	0.00	100.00
116.0-117.0	0.0	0.0	116107.3	0.00	100.00
117.0-118.0	0.0	0.0	116107.3	0.00	100.00
118.0-119.0	0.0	0.0	116107.3	0.00	100.00
119.0-120.0	0.0	0.0	116107.3	0.00	100.00
120.0-121.0	0.0	0.0	116107.3	0.00	100.00
121.0-122.0	0.0	0.0	116107.3	0.00	100.00
122.0-123.0	0.0	0.0	116107.3	0.00	100.00
123.0-124.0	0.0	0.0	116107.3	0.00	100.00
124.0-125.0	0.0	0.0	116107.3	0.00	100.00
125.0-126.0	0.0	0.0	116107.3	0.00	100.00
126.0-127.0	0.0	0.0	116107.3	0.00	100.00
127.0-128.0	0.0	0.0	116107.3	0.00	100.00
128.0-129.0	0.0	0.0	116107.3	0.00	100.00
129.0-130.0	0.0	0.0	116107.3	0.00	100.00
130.0-131.0	0.0	0.0	116107.3	0.00	100.00
131.0-132.0	0.0	0.0	116107.3	0.00	100.00
132.0-133.0	0.0	0.0	116107.3	0.00	100.00
133.0-134.0	0.0	0.0	116107.3	0.00	100.00
134.0-135.0	0.0	0.0	116107.3	0.00	100.00
135.0-136.0	0.0	0.0	116107.3	0.00	100.00
136.0-137.0	0.0	0.0	116107.3	0.00	100.00
137.0-138.0	0.0	0.0	116107.3	0.00	100.00
138.0-139.0	0.0	0.0	116107.3	0.00	100.00
139.0-140.0	0.0	0.0	116107.3	0.00	100.00
140.0-141.0	0.0	0.0	116107.3	0.00	100.00
141.0-142.0	0.0	0.0	116107.3	0.00	100.00
142.0-143.0	0.0	0.0	116107.3	0.00	100.00
143.0-144.0	0.0	0.0	116107.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	116107.3	0.00	100.00
145.0-146.0	0.0	0.0	116107.3	0.00	100.00
146.0-147.0	0.0	0.0	116107.3	0.00	100.00
147.0-148.0	0.0	0.0	116107.3	0.00	100.00
148.0-149.0	0.0	0.0	116107.3	0.00	100.00
149.0-150.0	0.0	0.0	116107.3	0.00	100.00
150.0-151.0	0.0	0.0	116107.3	0.00	100.00
151.0-152.0	0.0	0.0	116107.3	0.00	100.00
152.0-153.0	0.0	0.0	116107.3	0.00	100.00
153.0-154.0	0.0	0.0	116107.3	0.00	100.00
154.0-155.0	0.0	0.0	116107.3	0.00	100.00
155.0-156.0	0.0	0.0	116107.3	0.00	100.00
156.0-157.0	0.0	0.0	116107.3	0.00	100.00
157.0-158.0	0.0	0.0	116107.3	0.00	100.00
158.0-159.0	0.0	0.0	116107.3	0.00	100.00
159.0-160.0	0.0	0.0	116107.3	0.00	100.00
160.0-161.0	0.0	0.0	116107.3	0.00	100.00
161.0-162.0	0.0	0.0	116107.3	0.00	100.00
162.0-163.0	0.0	0.0	116107.3	0.00	100.00
163.0-164.0	0.0	0.0	116107.3	0.00	100.00
164.0-165.0	0.0	0.0	116107.3	0.00	100.00
165.0-166.0	0.0	0.0	116107.3	0.00	100.00
166.0-167.0	0.0	0.0	116107.3	0.00	100.00
167.0-168.0	0.0	0.0	116107.3	0.00	100.00
168.0-169.0	0.0	0.0	116107.3	0.00	100.00
169.0-170.0	0.0	0.0	116107.3	0.00	100.00
170.0-171.0	0.0	0.0	116107.3	0.00	100.00
171.0-172.0	0.0	0.0	116107.3	0.00	100.00
172.0-173.0	0.0	0.0	116107.3	0.00	100.00
173.0-174.0	0.0	0.0	116107.3	0.00	100.00
174.0-175.0	0.0	0.0	116107.3	0.00	100.00
175.0-176.0	0.0	0.0	116107.3	0.00	100.00
176.0-177.0	0.0	0.0	116107.3	0.00	100.00
177.0-178.0	0.0	0.0	116107.3	0.00	100.00
178.0-179.0	0.0	0.0	116107.3	0.00	100.00
179.0-180.0	0.0	0.0	116107.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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°): 91065.89 lm

%lum = 78.4%

%lamp = 78.4%

cone flux(120°): 103140.27 lm

%lum = 88.8%

%lamp = 88.8%

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.0 '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	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7
G1.0	296645.2	296866.2	296535.6	296648.8	296193.0	295711.4	295321.5	295017.3	294698.4	294365.4
G2.0	295562.1	295904.3	295630.6	295309.3	294689.8	293593.1	292512.9	292042.9	291092.6	290751.6
G3.0	292957.2	292963.8	292572.7	291856.6	290469.7	289094.8	287739.6	286592.2	285882.8	285172.9
G4.0	288474.0	288264.6	287732.1	286014.8	283712.0	281198.9	280102.3	278927.9	277341.4	276804.9
G5.0	281454.5	280666.0	279545.7	277286.6	273989.3	270565.6	269282.9	267805.1	264851.5	266169.6
G6.0	271500.9	270168.1	267218.0	265064.3	260860.0	256534.5	254174.3	254302.8	250634.1	252676.3
G7.0	257434.3	256592.4	252723.8	248643.7	243828.0	240467.6	237931.3	236788.5	234511.1	236984.5
G8.0	242874.3	240227.3	235596.7	230717.7	226713.1	221924.6	219142.5	218458.0	216345.2	217417.9
G9.0	224297.1	220894.3	215795.7	210250.6	206660.7	201634.6	199482.1	198674.9	197096.3	198373.4
G10.0	203992.4	200668.1	195213.0	189935.4	184636.2	181963.6	179780.2	179320.7	175735.9	179452.5
G11.0	182056.3	178614.4	175398.3	170296.9	165604.4	161673.6	161268.1	161059.4	156884.6	160078.3
G12.0	163561.4	159899.6	155062.4	152219.0	148379.3	144987.6	142977.4	144153.8	139623.6	143081.1
G13.0	144394.7	141267.4	138579.8	134776.4	131471.2	130007.4	127896.6	127843.1	125118.3	126427.5
G14.0	128641.8	125767.9	123276.5	120316.8	117362.9	116100.1	114448.3	114437.6	112052.6	112989.2
G15.0	115850.3	113442.6	110181.0	107625.0	106495.4	103788.6	102328.3	102166.6	100467.5	101282.1
G16.0	103593.4	101447.0	98621.2	96286.6	94579.9	93554.2	92352.8	92994.4	89321.2	91333.9
G17.0	93242.3	91237.7	88761.9	87102.6	85698.4	84282.6	83152.1	83379.5	80807.3	82430.0
G18.0	83549.3	82320.1	80740.0	79189.2	78168.4	76097.9	75418.0	75521.6	73280.4	74639.1
G19.0	76091.0	74776.5	72951.2	72270.2	70914.2	69247.4	68472.5	68950.3	67042.3	68181.0
G20.0	68207.7	68235.9	66588.5	65378.8	64777.1	63442.4	62343.4	62462.0	60680.9	61695.4
G21.0	62422.0	61915.3	61089.8	59826.9	58860.7	58132.6	57072.0	57329.5	55347.6	56556.4
G22.0	57102.5	56474.0	55632.1	54910.4	53744.2	53097.9	52367.9	52625.8	50370.9	51596.0
G23.0	51892.7	51403.7	50654.5	49855.8	48944.9	48324.6	47968.1	48074.3	46285.3	47309.0
G24.0	47752.2	47020.4	46458.4	46127.0	45304.0	44335.4	43886.6	44449.7	42021.4	43365.4
G25.0	43995.7	43544.0	42509.2	41901.0	41594.2	40483.7	40317.0	40479.3	38662.5	39944.0
G26.0	39389.1	39765.4	38655.9	38420.7	38008.5	37099.8	36678.3	36979.2	35481.7	36275.2
G27.0	35989.0	35959.2	35515.7	35078.6	34477.9	33812.1	33731.3	34018.6	32451.8	33664.5
G28.0	33480.0	33224.8	32540.1	32482.2	31830.0	31762.5	31476.1	31736.0	30230.8	31397.3
G29.0	30696.9	31108.8	30222.6	30120.6	29733.8	29382.7	28999.5	29176.6	27982.3	28992.7
G30.0	28708.9	28223.2	27754.4	27883.3	27747.8	27030.4	26675.1	27129.1	25747.6	26670.6
G31.0	26131.4	26230.9	25779.7	25535.6	25444.7	24870.7	25180.8	25040.2	24280.6	24568.2
G32.0	24239.4	24087.3	24079.4	23795.4	23665.7	23385.1	23202.4	23559.9	21963.6	23207.9
G33.0	22306.3	22919.4	22337.9	22497.3	22300.3	21624.3	21708.1	21830.6	20661.1	21985.0
G34.0	21058.7	21256.7	21021.5	20909.0	20604.0	20565.1	20130.8	20474.8	19468.3	20432.3
G35.0	19907.1	19690.3	19444.5	19210.4	19142.1	19175.8	19217.7	19589.4	18001.3	19003.3
G36.0	18398.9	18371.2	18457.2	18823.7	18121.6	18116.6	17889.5	18150.7	17384.4	18165.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	17151.3	17189.5	17401.3	17401.2	17363.1	17360.0	17073.2	17680.3	16260.2	16653.6
G38.0	16520.7	16323.9	16414.0	16531.1	16232.2	16039.4	16132.3	16601.2	15040.0	16200.2
G39.0	15259.3	15678.0	15481.6	15992.5	15735.7	15791.8	15495.9	15895.7	14710.9	15155.9
G40.0	15026.3	14949.8	14905.6	14832.4	14949.6	14732.6	14859.5	14927.3	13943.2	14661.2
G41.0	13943.2	14345.2	14178.9	14459.6	14522.1	14485.0	14458.2	14664.4	13326.2	13713.1
G42.0	13792.4	13424.6	13890.9	13962.4	13832.5	13604.6	13724.9	13958.8	12723.0	13479.5
G43.0	12887.5	13300.9	12999.6	13327.1	13349.9	12985.6	12867.1	13377.8	11996.3	12998.6
G44.0	12572.2	12270.4	12382.5	12705.6	12991.3	12903.1	12590.4	12852.1	11283.4	12311.6
G45.0	12064.9	11913.1	12094.5	12498.5	12356.9	12366.6	12189.2	12146.6	11050.3	11500.9
G46.0	11434.2	11734.5	11765.4	12042.7	11956.9	11706.3	11898.6	11662.3	10556.8	11184.9
G47.0	11009.2	11033.7	11436.3	11531.7	11488.1	11293.6	11068.5	11496.3	10460.8	11143.6
G48.0	10625.3	10731.4	10970.1	10827.4	11157.1	11169.8	10985.5	10943.0	9967.2	10786.4
G49.0	10118.0	10223.0	10435.3	10730.7	10839.9	10495.8	10487.4	10652.4	9391.4	10113.1
G50.0	9651.9	10113.1	10010.2	10067.8	10219.3	10220.7	10072.3	9946.9	8952.7	9907.0
G51.0	9158.3	9453.5	9941.7	9957.3	9667.6	9959.3	9422.1	9974.6	8747.0	9371.1
G52.0	8843.0	9247.4	9146.3	9418.7	9681.4	9312.8	9159.2	9531.9	8157.5	9192.5
G53.0	8541.4	9123.8	8817.2	9335.9	9405.6	9065.2	9145.4	9199.8	8061.5	8849.0
G54.0	8102.7	8505.4	8501.8	8907.8	9184.9	8872.6	8758.0	8978.5	7622.8	8216.9
G55.0	8212.3	8326.8	8351.0	8341.5	8440.2	8707.5	8647.3	8840.1	7170.4	7914.6
G56.0	7499.4	7818.4	7912.2	7913.4	7943.7	8102.2	8176.9	8120.8	6841.3	7598.6
G57.0	7376.0	7790.9	7541.9	7941.0	8136.8	7620.8	8135.4	7802.6	6800.2	7474.9
G58.0	6937.3	7282.5	7199.1	7651.0	7585.1	7538.3	7374.4	7622.7	6142.1	7186.3
G59.0	6772.8	7268.8	7212.8	7637.2	7819.6	7497.0	7471.2	7304.5	6567.1	6994.0
G60.0	6786.5	6994.0	6664.3	7347.2	7116.2	7043.0	7083.8	7442.9	5662.3	6842.8
G61.0	6388.9	6568.0	6911.2	6808.6	7212.8	6891.7	7180.7	6709.7	5813.1	6499.3
G62.0	5977.6	6045.9	6582.1	7029.5	6923.2	6850.5	6668.8	7000.2	5305.8	5729.8
G63.0	5826.8	6100.8	5731.9	6339.0	6550.8	6630.4	6488.9	6433.0	5059.0	5674.9
G64.0	5730.8	6210.8	6088.4	6270.0	6192.2	6176.4	5949.3	6612.8	5182.4	5674.9
G65.0	5634.9	5413.8	5951.3	5814.2	5640.6	6314.0	6281.4	6142.4	4551.8	5084.0
G66.0	5292.1	4932.9	5800.4	5731.3	5599.2	5860.0	5382.1	5464.6	4085.6	5331.4
G67.0	4592.9	5427.5	5169.7	5910.9	5433.7	5351.1	5063.8	5879.6	4209.0	4479.4
G68.0	5113.9	5221.4	5251.9	5676.1	5861.2	5695.0	5561.9	5602.9	4305.0	4850.4
G69.0	4730.0	4987.8	5347.9	5634.7	5640.6	5254.8	5465.1	5630.6	4332.4	4465.7
G70.0	4730.0	4438.2	4772.0	5220.4	5433.7	5103.5	5174.5	5353.9	4085.6	3421.4
G71.0	4332.4	4630.6	4964.0	4916.5	5185.5	5254.8	5160.7	5298.6	4044.5	4410.7
G72.0	4263.8	4424.5	4662.3	4474.6	5240.6	4690.8	4538.1	4814.4	3441.2	4273.3
G73.0	4099.3	4561.9	4689.7	4198.4	4675.2	4622.0	4662.6	4081.1	3784.0	4012.3

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	3413.8	4287.1	4374.3	4350.3	4578.7	4732.0	4690.3	4689.8	3468.7	4067.2
G75.0	3729.1	4190.9	3880.7	4391.7	4482.1	4567.0	3887.8	4413.2	3372.7	3682.5
G76.0	2646.0	3242.8	4278.3	4295.1	4523.5	4388.1	3984.7	4136.5	2920.2	3380.2
G77.0	3139.6	3957.3	3921.8	3936.0	4220.1	4305.6	3860.1	4233.3	2769.4	3503.9
G78.0	2755.7	3655.0	3620.1	3936.0	3971.9	4099.3	3597.3	3942.8	3180.7	2981.7
G79.0	3235.6	2899.3	3716.1	3659.8	3613.3	3287.7	3348.2	3762.9	2577.5	3215.3
G80.0	2714.6	2913.0	3579.0	3480.2	3282.3	3535.3	3417.4	3790.6	2604.9	2294.7
G81.0	2673.5	2761.9	2907.1	2582.6	2799.6	3287.7	3528.1	3417.1	1823.4	2280.9
G82.0	2892.8	3077.9	2824.8	1809.2	3530.5	2861.2	3196.0	3237.2	2317.0	2597.0
G83.0	2522.7	2542.0	2660.3	3038.3	3392.6	2957.5	3140.7	3057.4	2248.5	2390.9
G84.0	2344.4	2638.2	2879.6	2651.6	3047.9	3177.6	2767.1	2808.4	1850.9	2597.0
G85.0	1988.0	2597.0	2975.6	2845.0	2909.9	2916.3	2545.8	2102.8	1535.5	2349.6
G86.0	2193.6	2253.5	2632.8	3093.5	3034.1	2764.9	2199.9	2393.3	1467.0	2074.8
G87.0	1398.4	2390.9	2605.4	2748.3	3103.0	3040.1	2379.7	2863.7	1576.7	2212.2
G88.0	2015.4	2377.1	1906.1	2043.9	3089.2	2489.8	2960.8	2462.5	2056.5	2239.7
G89.0	1686.3	2061.1	2591.7	2554.9	2523.8	2888.7	2822.5	2531.7	1617.8	2377.1
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: 25.0 °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: 25.0 °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: 25.0 '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	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7	296151.7			
G1.0	294286.7	294687.8	294841.5	294968.6	295376.9	295944.2	296645.2			
G2.0	290886.0	291759.9	292469.4	292836.5	293356.8	294090.4	295562.1			
G3.0	285880.9	286940.1	288125.2	288929.8	290008.7	290770.1	292957.2			
G4.0	278325.3	280186.8	281133.1	282959.7	284681.9	285651.4	288474.0			
G5.0	267958.5	270781.8	272375.7	274857.5	276740.3	277613.7	281454.5			
G6.0	255356.6	257482.4	260680.8	264031.5	266100.7	265633.1	271500.9			
G7.0	238860.3	242898.5	247220.6	249312.7	251296.5	251951.0	257434.3			
G8.0	221500.1	226132.6	229043.8	232846.8	235025.9	235557.3	242874.3			
G9.0	202850.9	207847.5	212659.9	214606.4	216707.5	217005.4	224297.1			
G10.0	183790.4	188692.4	191352.5	195582.0	197365.3	197858.7	203992.4			
G11.0	164647.5	169205.8	171824.2	175745.9	177677.2	176000.5	182056.3			
G12.0	147122.8	151390.3	153799.2	157285.4	159082.1	157628.5	163561.4			
G13.0	130366.0	134196.3	137884.2	140544.4	140777.5	140902.8	144394.7			
G14.0	116447.6	119612.5	123293.1	123954.8	125848.9	126279.8	128641.8			
G15.0	104325.7	107404.0	109984.6	111093.0	112552.9	112998.9	115850.3			
G16.0	94068.6	96756.1	98055.2	100005.7	101304.5	101502.5	103593.4			
G17.0	84757.8	86439.7	88470.4	90252.7	91356.7	90725.6	93242.3			
G18.0	76859.3	78429.6	80416.3	81490.2	82488.0	82328.1	83549.3			
G19.0	69632.7	71524.4	73162.2	74254.6	74491.0	74982.1	76091.0			
G20.0	63489.5	65461.6	66514.8	67321.6	68085.1	68410.8	68207.7			
G21.0	58182.7	59744.1	60639.8	61736.7	62011.3	62462.0	62422.0			
G22.0	53095.3	54675.6	55619.8	56468.1	56836.8	57218.8	57102.5			
G23.0	48638.7	49717.7	51303.2	51928.7	52257.2	52127.8	51892.7			
G24.0	44730.6	45795.5	46972.7	47347.9	47566.9	47742.3	47752.2			
G25.0	40849.9	42411.9	43125.0	43496.3	43651.4	43993.2	43995.7			
G26.0	37449.2	38683.1	39373.8	40002.3	40178.7	40327.1	39389.1			
G27.0	34514.7	35368.6	36188.0	36976.0	36871.9	36647.2	35989.0			
G28.0	31991.6	32758.4	33650.5	33757.1	34118.7	33755.8	33480.0			
G29.0	29907.2	30548.8	31043.9	31707.4	31462.2	31417.8	30696.9			
G30.0	27507.5	28753.4	29127.0	29575.3	29580.6	29176.6	28708.9			
G31.0	25683.8	26488.5	27072.1	27360.6	27159.3	27212.1	26131.4			
G32.0	23558.3	24347.9	25086.1	25682.3	25388.4	24749.6	24239.4			
G33.0	22214.5	22939.2	23307.1	23522.7	23741.9	23850.4	22306.3			
G34.0	20774.6	21337.2	22065.9	22147.1	22095.5	21830.6	21058.7			
G35.0	19677.6	20260.0	20466.1	21280.4	20711.9	20544.0	19907.1			
G36.0	18608.0	19155.1	19528.3	19409.6	19425.2	19105.2	18398.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	17415.0	18133.1	18094.0	18873.1	18401.4	18289.0	17151.3			
G38.0	16441.4	17194.0	17445.8	17415.0	16948.6	17237.6	16520.7			
G39.0	15591.3	15992.5	16480.5	16699.7	16492.1	16283.0	15259.3			
G40.0	15248.4	15592.0	16163.3	15805.6	15841.8	15868.0	15026.3			
G41.0	14466.8	14666.7	15004.8	15324.1	15053.2	15107.1	13943.2			
G42.0	13904.6	14141.9	14260.1	14443.7	14665.8	14512.2	13792.4			
G43.0	13177.8	13230.4	13929.1	14127.3	13655.8	13530.0	12887.5			
G44.0	12519.6	13037.1	13143.0	13302.0	12964.0	13322.5	12572.2			
G45.0	11888.8	12374.2	12825.8	12848.0	12770.3	12478.6	12064.9			
G46.0	11518.6	11821.8	12094.9	12394.1	11954.0	12284.9	11434.2			
G47.0	11203.2	11628.4	12094.9	11926.4	12216.9	11856.0	11009.2			
G48.0	10983.8	11034.6	11405.3	11348.7	11165.4	11302.7	10625.3			
G49.0	10476.5	10799.8	11088.1	11073.5	11262.2	11026.0	10118.0			
G50.0	9653.7	10192.1	10550.2	10825.9	10487.4	10334.2	9651.9			
G51.0	9653.7	9805.4	10095.1	10303.2	10418.2	10292.8	9158.3			
G52.0	9173.8	9639.7	9777.9	9986.8	9768.0	9767.0	8843.0			
G53.0	9214.9	9363.5	9322.8	9629.2	9352.9	9365.9	8541.4			
G54.0	8721.2	8728.2	9378.0	8968.9	9366.7	9075.3	8102.7			
G55.0	8447.0	8341.5	8702.2	9133.9	8758.0	8840.1	8212.3			
G56.0	8063.0	8534.9	8495.4	8913.8	8453.6	8674.1	7499.4			
G57.0	7322.5	7885.8	8081.6	8184.8	8453.6	8065.4	7376.0			
G58.0	7679.1	7844.3	8123.0	7937.2	7734.1	7927.1	6937.3			
G59.0	7295.1	7623.4	7709.3	7249.4	7291.4	7608.9	6772.8			
G60.0	6883.7	6822.4	7185.2	7345.7	7346.7	7124.7	6786.5			
G61.0	6513.5	6932.9	7199.0	7084.3	7263.7	7138.5	6388.9			
G62.0	6568.3	5828.0	6785.3	6836.7	6710.3	7041.7	5977.6			
G63.0	6280.4	6753.3	6978.3	6685.4	6696.4	7055.5	5826.8			
G64.0	5827.9	5676.1	6150.9	6479.0	6724.1	5893.4	5730.8			
G65.0	5759.3	5841.8	6247.4	6561.6	6488.9	5990.3	5634.9			
G66.0	5690.7	5855.6	5806.1	5887.5	6060.0	6100.9	5292.1			
G67.0	5018.8	5731.3	6026.7	5818.8	5589.6	6197.8	4592.9			
G68.0	5210.8	5220.4	5654.4	5777.5	5963.2	5768.9	5113.9			
G69.0	4950.3	4930.3	4937.2	5419.8	5728.0	5243.2	4730.0			
G70.0	4977.7	4695.6	4468.3	5199.7	5312.9	5215.5	4730.0			
G71.0	4127.5	4336.5	5171.7	5296.0	5008.5	4828.2	4332.4			
G72.0	4470.3	4571.3	4233.9	5062.2	5105.3	4897.4	4263.8			
G73.0	4141.2	4667.9	4799.3	4883.4	4842.5	4938.9	4099.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.0 °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	3825.8	4074.1	4054.6	4415.7	4814.8	4440.8	3413.8			
G75.0	3729.8	3894.6	4523.5	4291.9	4247.5	4025.8	3729.1			
G76.0	3702.4	4184.6	4233.9	4058.0	3957.0	4288.6	2646.0			
G77.0	3263.6	3121.2	3213.3	3961.7	3777.1	4136.5	3139.6			
G78.0	3441.9	3784.1	3971.9	4044.2	2822.5	4108.8	2755.7			
G79.0	3236.2	3355.9	3971.9	4044.2	3472.7	4053.5	3235.6			
G80.0	3140.2	3687.4	3696.0	3782.9	3375.9	3500.1	2714.6			
G81.0	3003.1	3093.5	3378.8	3686.6	3597.3	3458.6	2673.5			
G82.0	3112.8	3121.2	3613.3	3439.0	2656.4	3085.1	2892.8			
G83.0	2783.7	2858.8	3530.5	3315.2	3209.9	3209.6	2522.7			
G84.0	2756.2	2168.2	3296.1	2778.7	3016.2	3126.6	2344.4			
G85.0	2317.4	2831.1	3309.9	2654.9	2407.4	3085.1	1988.0			
G86.0	2331.1	2706.9	2841.0	2833.7	2601.1	2338.0	2193.6			
G87.0	2358.6	2278.7	2330.7	2943.8	2601.1	2517.9	1398.4			
G88.0	2207.7	2637.8	2716.9	2476.1	2739.5	2739.2	2015.4			
G89.0	1672.9	2347.8	2427.2	2572.4	2794.8	2822.2	1686.3			
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: 25.0 °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: 25.0 °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: 25.0 °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