

Report No.:

Test Time: 2024/2/26 16:52

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.586 A
Power Factor: 0.957

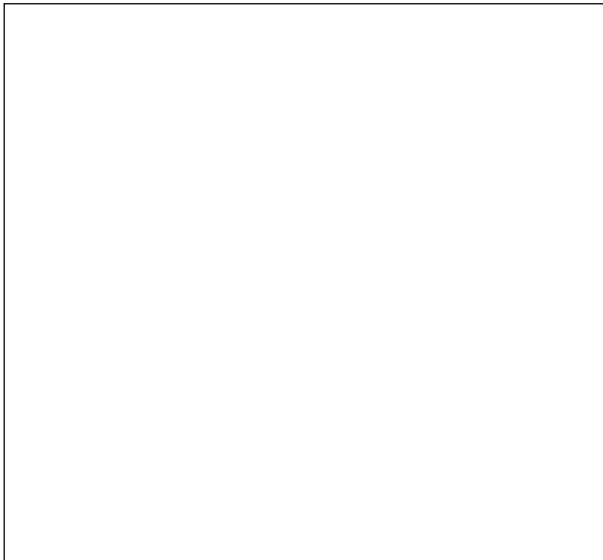
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 728.76 W

Photometric Results

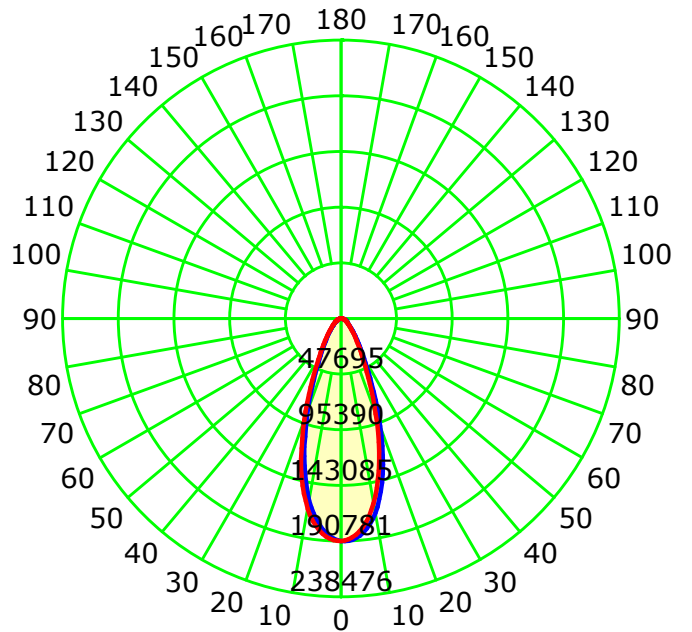
IES Classification: Type I
Total Rated Lamp Lumens: 117980.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 190540.8 cd
Pos of Max. Intensity: H0 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 38.7, 38.7, 38.6, 38.5

Longitudinal Classification: Very Short
Measurement Flux: 117980.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 161.94
Max. Intensity: 190781.1 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

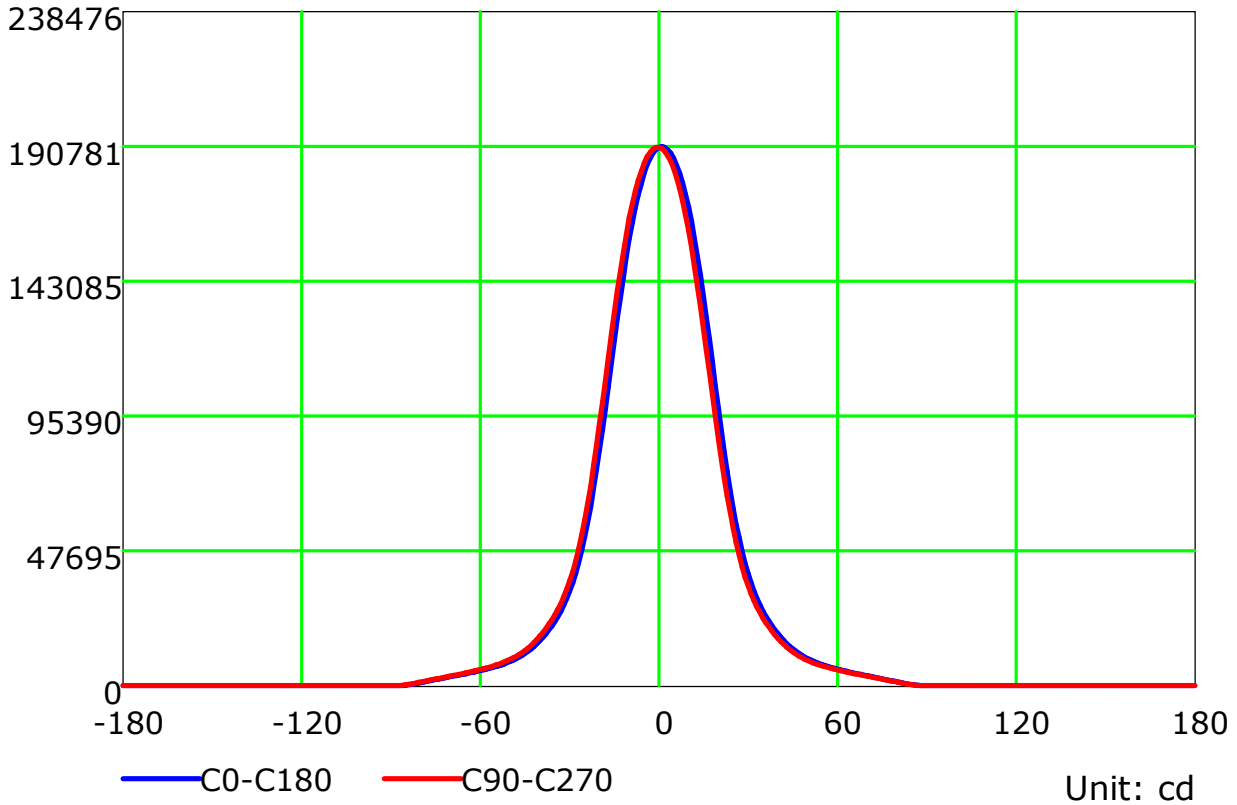
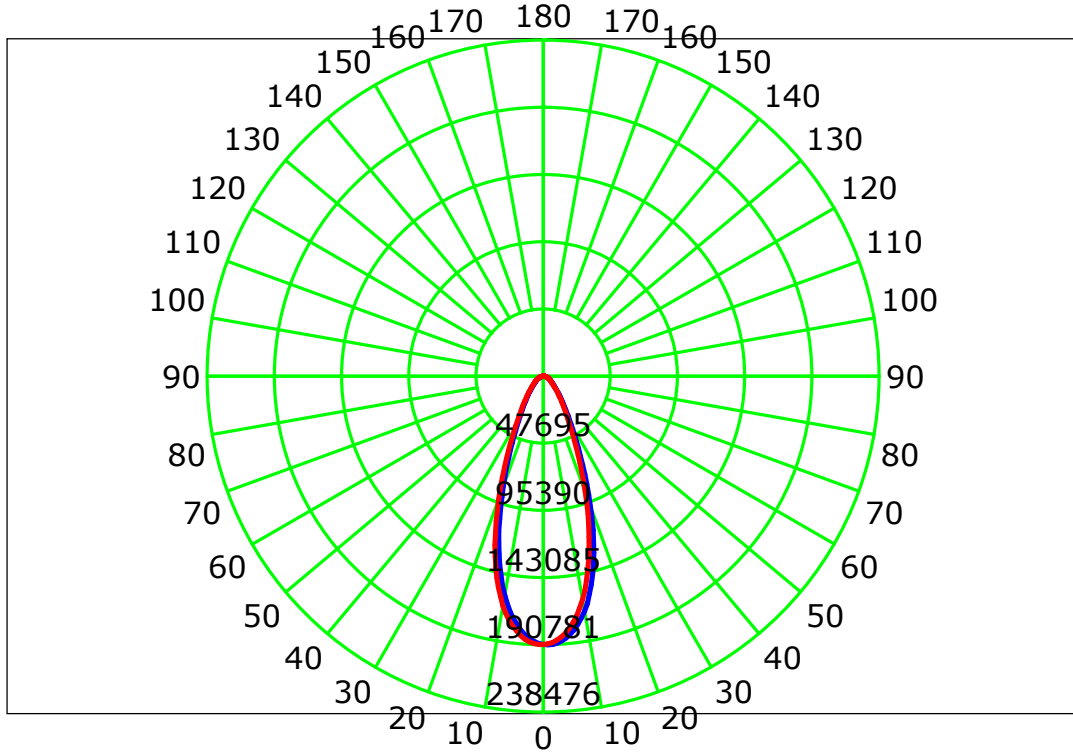
Average Diffuse Angle(50%): 38.7°

— 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:

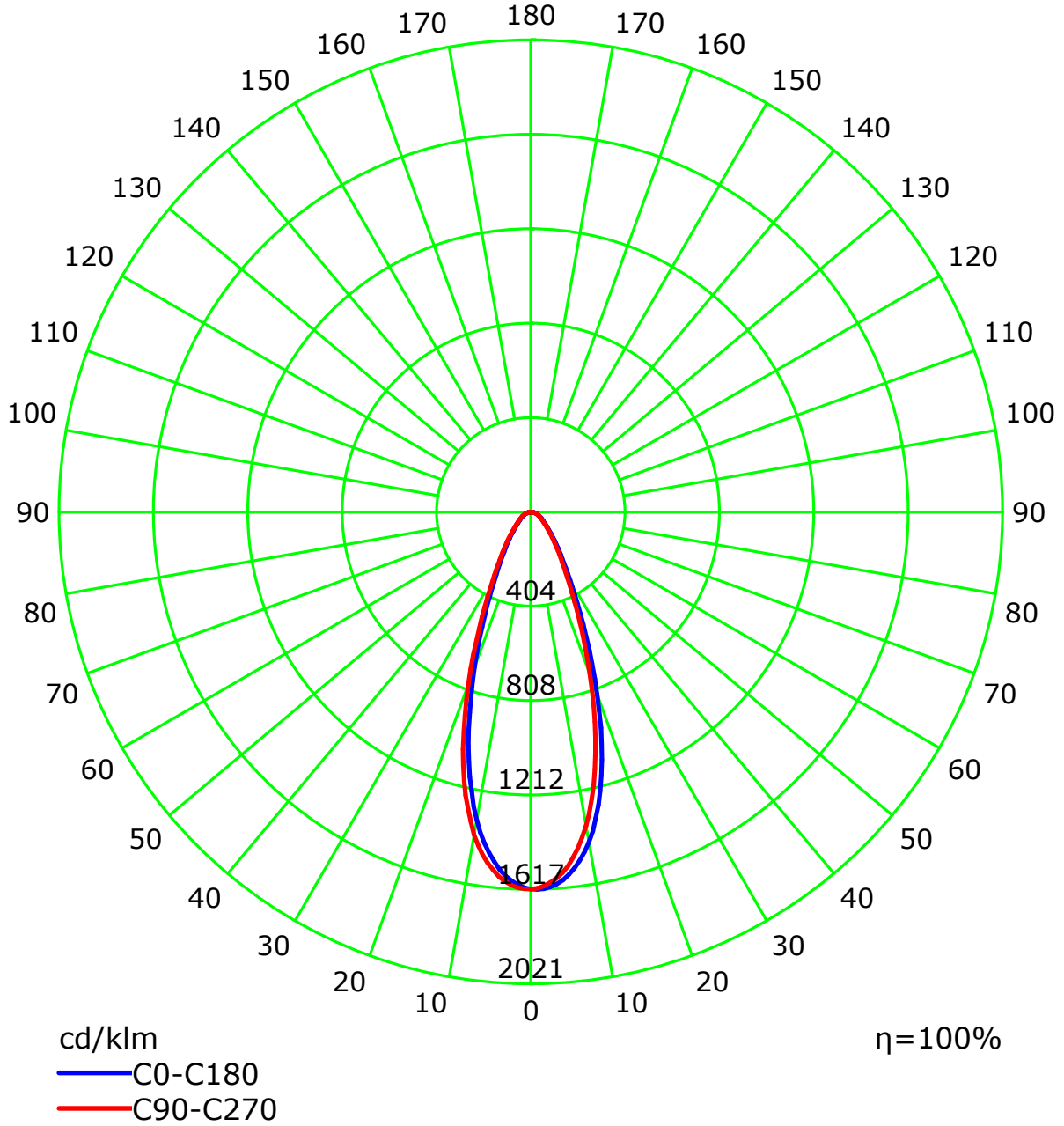
Luminous Intensity Distribution Curve



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(cd/klm)



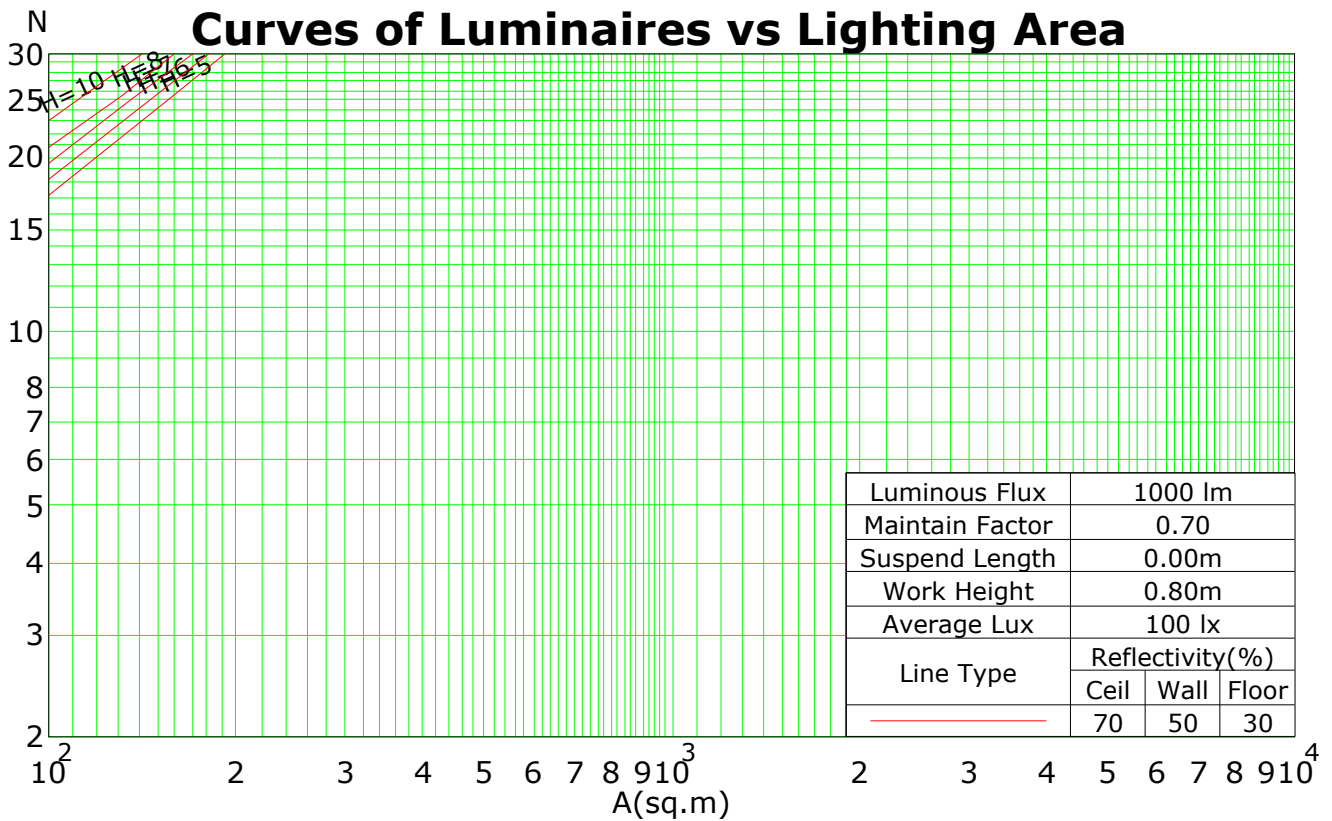
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.4 'C
Operator:

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	1.13	1.09	1.07	1.04	1.10	1.07	1.05	1.02	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.95	0.94	0.92
2	1.06	1.01	0.96	0.92	1.04	0.99	0.95	0.91	0.96	0.92	0.89	0.93	0.90	0.87	0.90	0.88	0.86	0.84
3	1.00	0.93	0.88	0.84	0.98	0.92	0.87	0.83	0.89	0.85	0.81	0.87	0.83	0.80	0.84	0.81	0.79	0.77
4	0.95	0.87	0.81	0.76	0.93	0.86	0.80	0.76	0.84	0.79	0.75	0.81	0.77	0.74	0.80	0.76	0.73	0.72
5	0.90	0.81	0.75	0.70	0.89	0.80	0.74	0.70	0.78	0.73	0.69	0.77	0.72	0.69	0.75	0.71	0.68	0.67
6	0.86	0.76	0.70	0.65	0.84	0.76	0.70	0.65	0.74	0.69	0.65	0.73	0.68	0.64	0.71	0.67	0.64	0.62
7	0.82	0.72	0.66	0.61	0.80	0.71	0.65	0.61	0.70	0.65	0.61	0.69	0.64	0.60	0.68	0.63	0.60	0.59
8	0.78	0.68	0.62	0.58	0.77	0.67	0.62	0.58	0.66	0.61	0.57	0.65	0.61	0.57	0.64	0.60	0.57	0.55
9	0.74	0.65	0.59	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	0.54	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

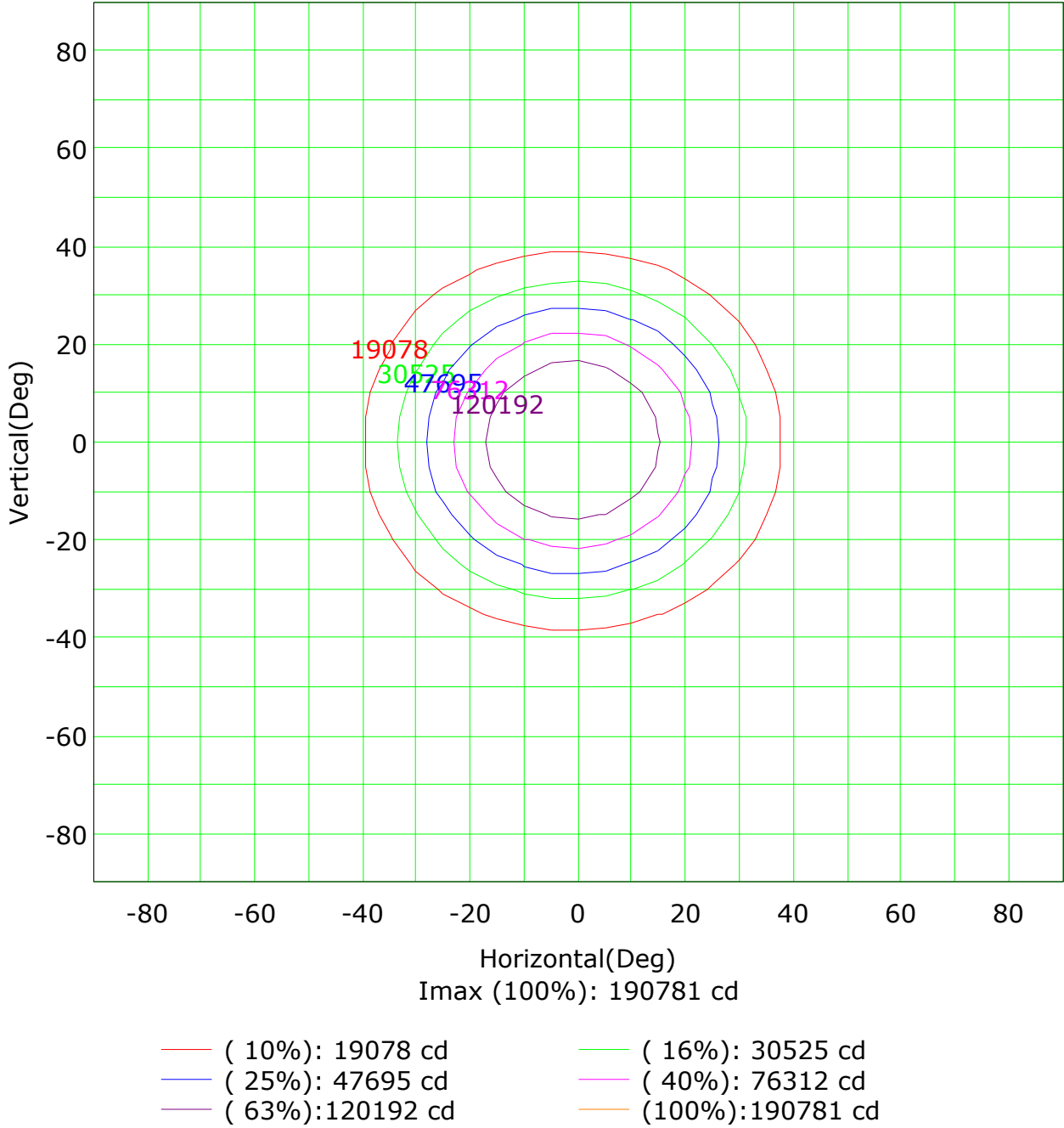
Spacing Criteria (0-180): 0.63
 Spacing Criteria (90-270): 0.63
 Spacing Criteria (Diagonal): 0.63



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:

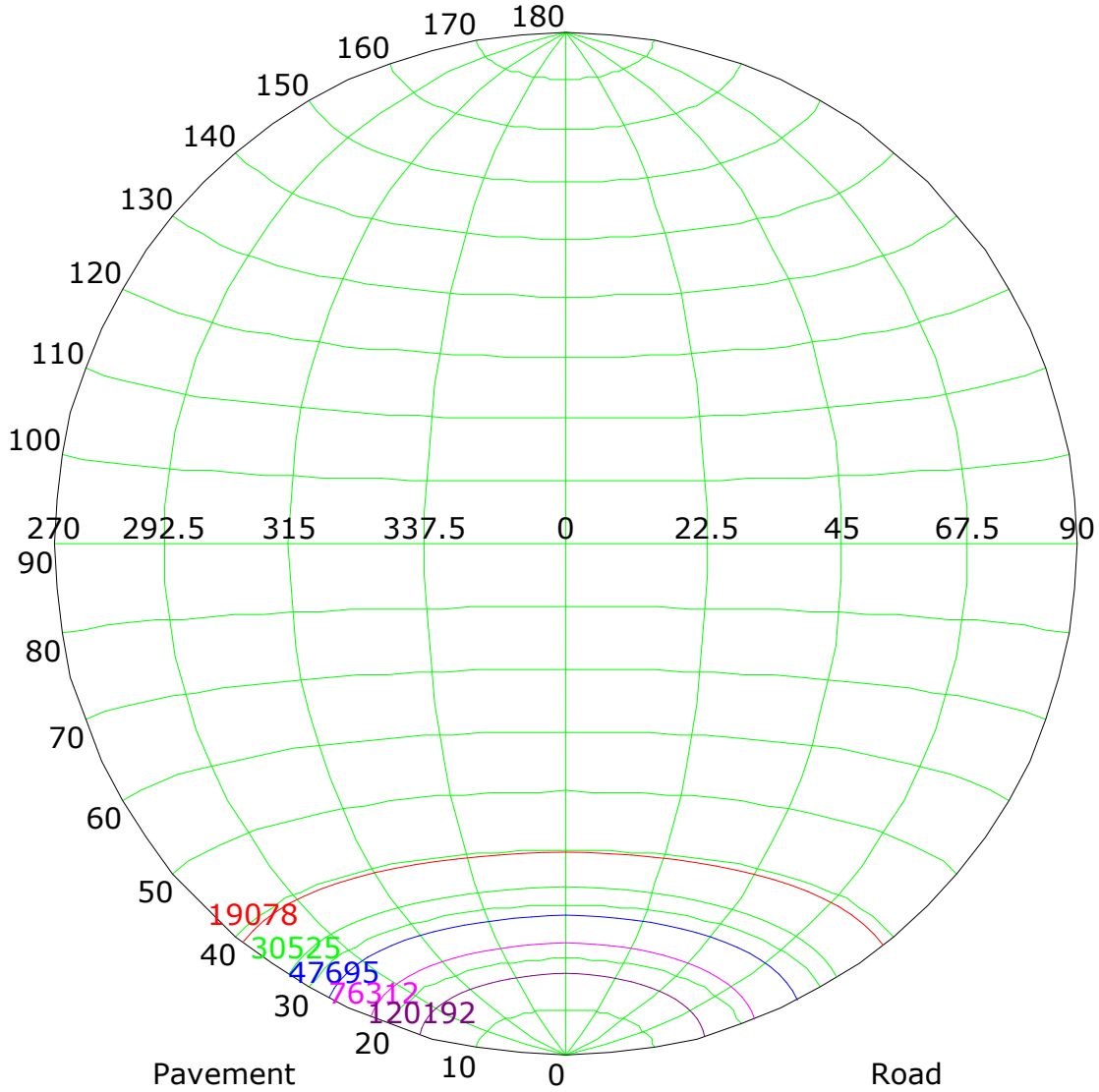
Isocandela (rectangle)



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%): 190781 cd

- (10%): 19078 cd
- (25%): 47695 cd
- (63%):120192 cd
- (16%): 30525 cd
- (40%): 76312 cd
- (100%):190781 cd

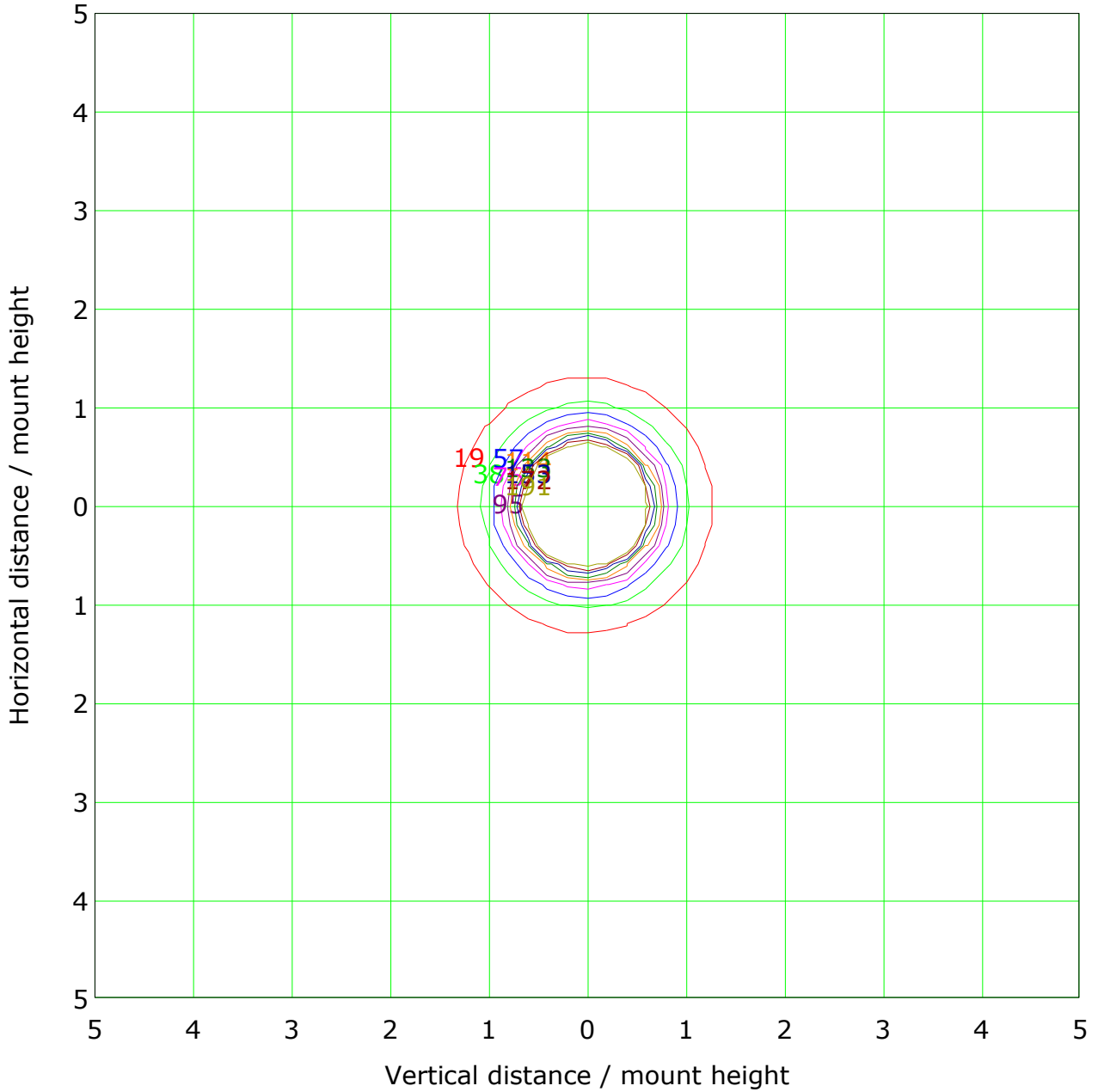
CIE: narrow - short
 CIE: Full-cut-off luminaire
 Max.At90: 0.000 cd/klm

IES: Cut-off
 Max.At80: 12.317 cd/klm
 Max.80-90: 12.317 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:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1906.9 lx

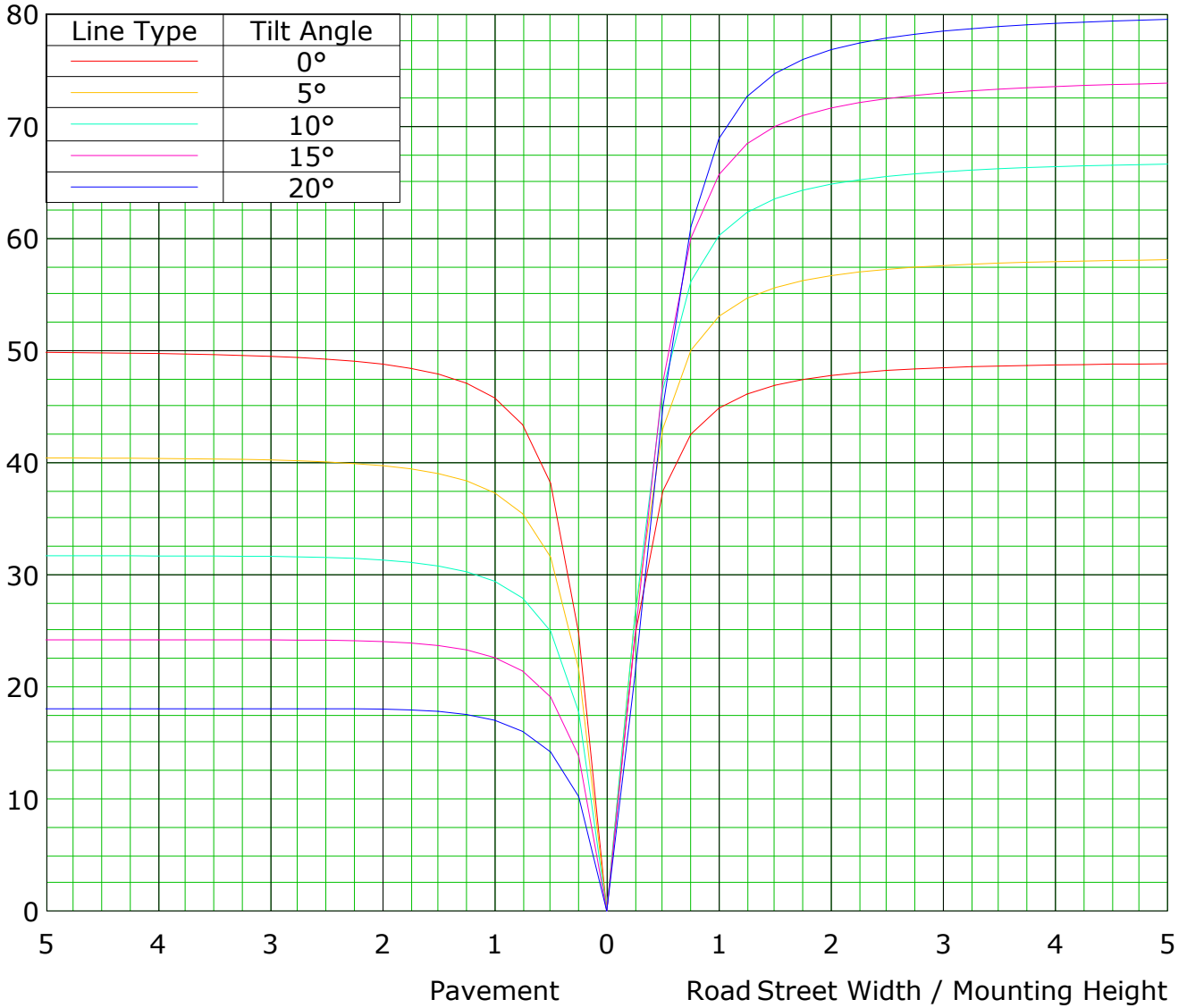
- (1%): 19.1 lx
- (2%): 38.1 lx
- (3%): 57.2 lx
- (4%): 76.3 lx
- (5%): 95.3 lx
- (6%): 114.4 lx
- (7%): 133.5 lx
- (8%): 152.6 lx
- (9%): 171.6 lx
- (10%): 190.7 lx

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(%)



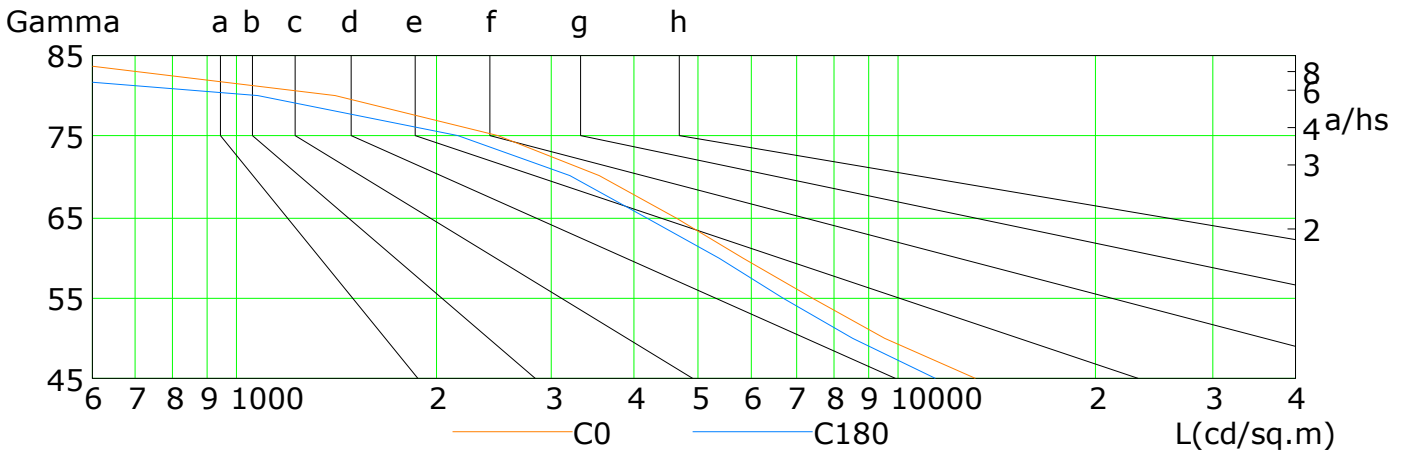
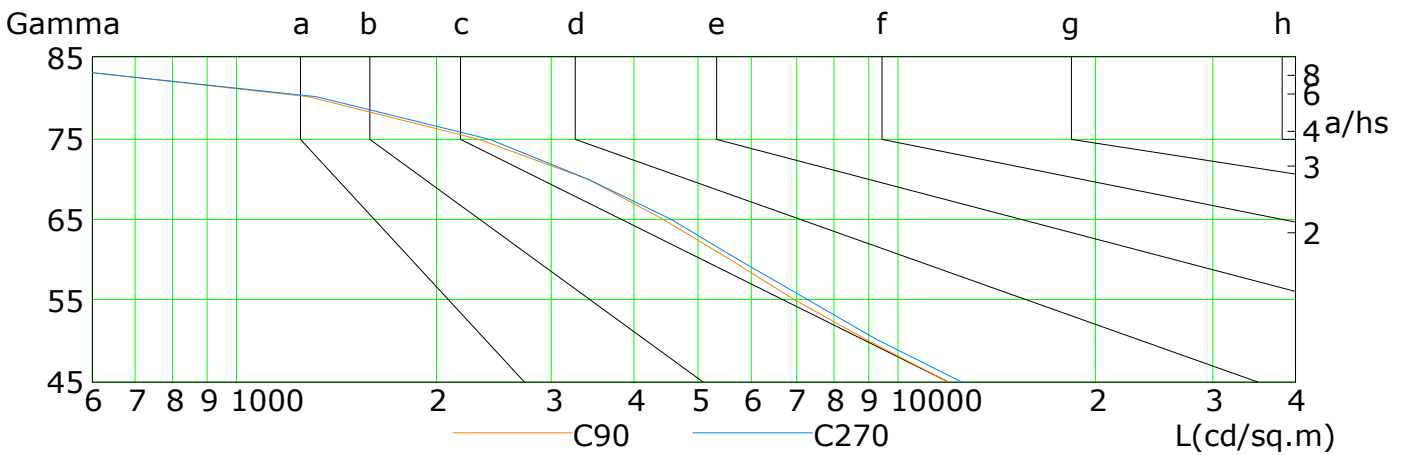
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.4 'C
 Operator:

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										
1.50	B										
1.85	C										
2.20	D										
2.55	E										

a b c d e f g h

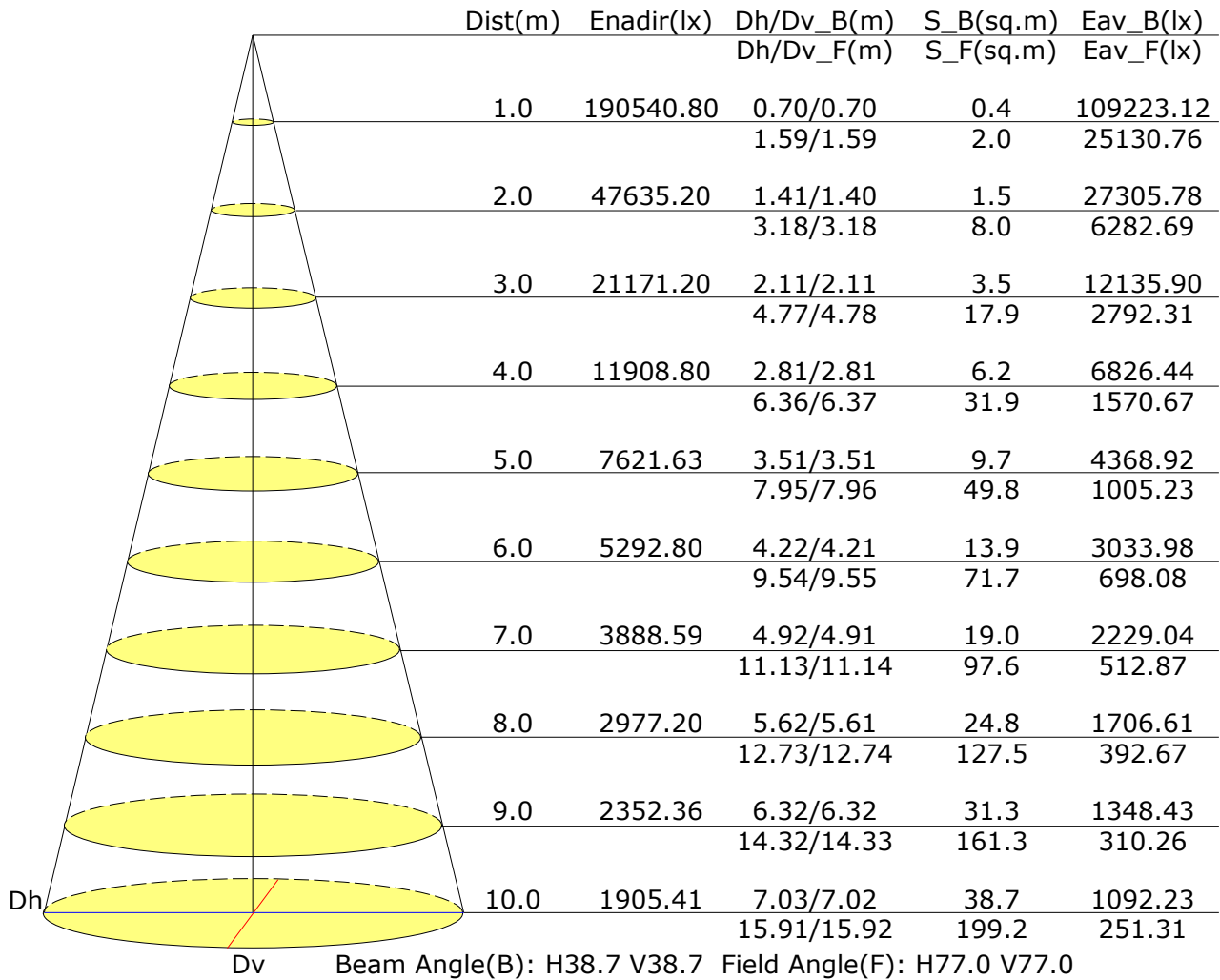


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13087	9573	7417	5858	4605	3546	2481	1409	416
C90	11954	8946	6971	5587	4398	3391	2313	1286	370
C180	11450	8579	6709	5345	4183	3176	2156	1072	201
C270	12532	9304	7277	5743	4548	3417	2404	1319	370

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:

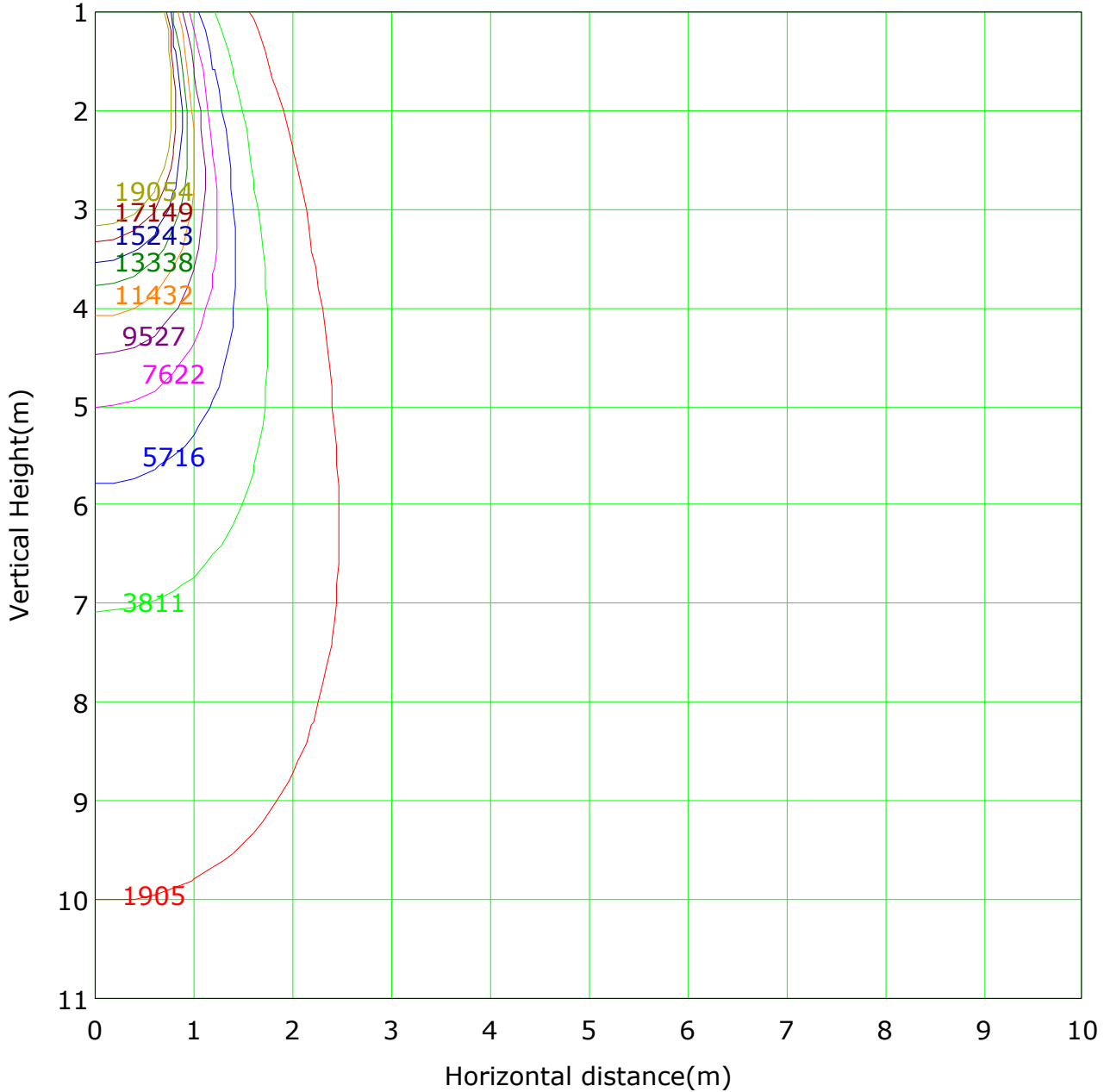
Illuminance at a Distance



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: 190540.8 lx

— (1%):1905.4 lx	— (2%):3810.8 lx
— (3%):5716.2 lx	— (4%):7621.6 lx
— (5%):9527.0 lx	— (6%):11432.4 lx
— (7%):13337.9 lx	— (8%):15243.3 lx
— (9%):17148.7 lx	— (10%):19054.1 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

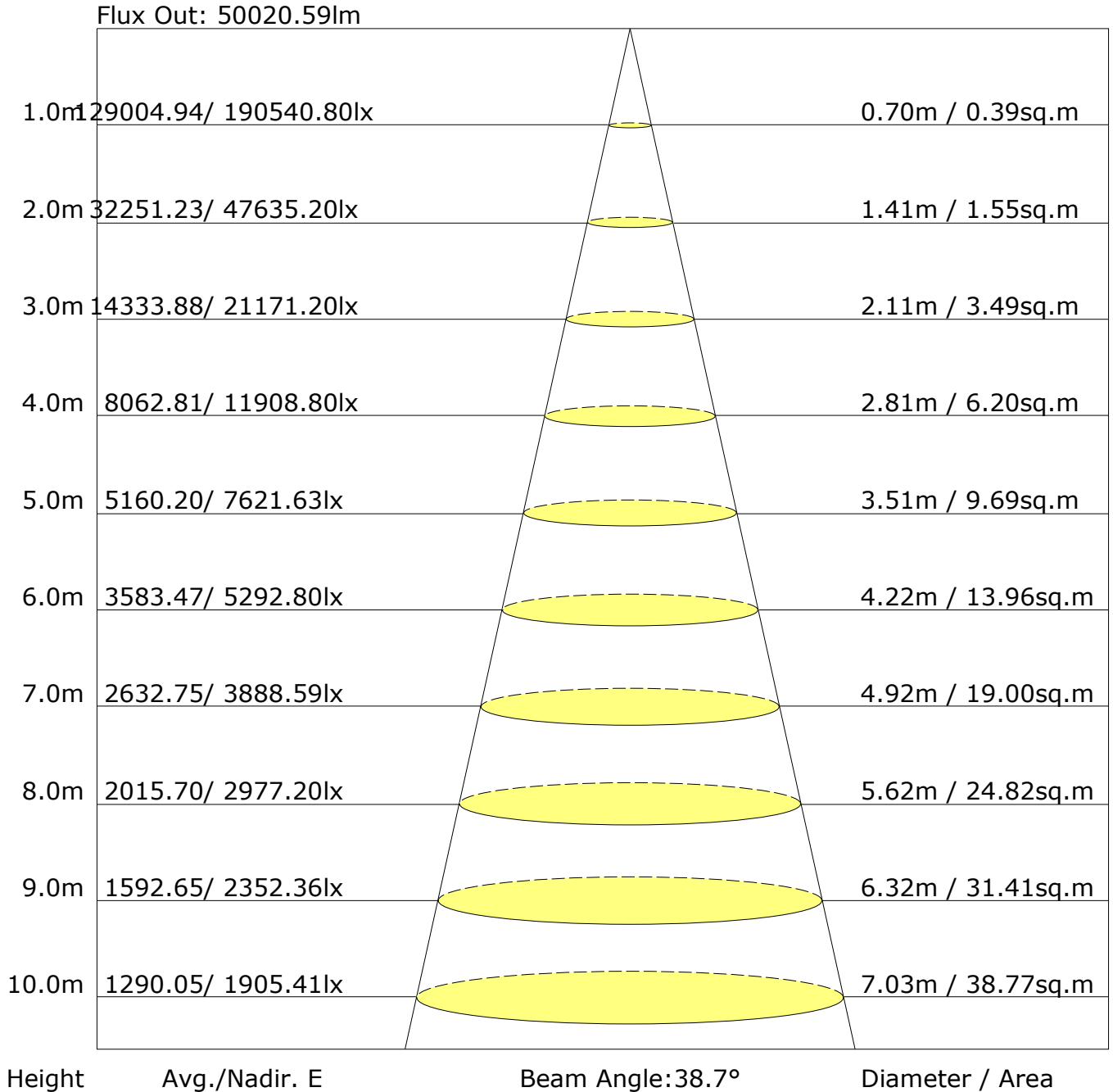
Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
Flux(E)	0.0	0.2	0.6	2.0	4.1	7.0	10.2	12.6	13.9	14.0	12.9	10.9	8.6	6.1	3.6	1.6	0.4	0.0	108.6	0.0
Flux(T)	11.3	171.2	565.8	194.2	229.4	209.9	335.6	292.4	245.9	167.9	45.3	8.7	6.6	4.5	3.0	2.7	2.0	4.5	18.4	1179.6
Flux(E)	0.0	0.0	0.0	0.0	0.0	1520.6	3000.9	4414.2	2103.2	7811.8	934.7	360.2	222.1	0.0	0.0	0.0	0.0	0.0	0.0	92638

Horizontal plane

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
 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:

UGR Table

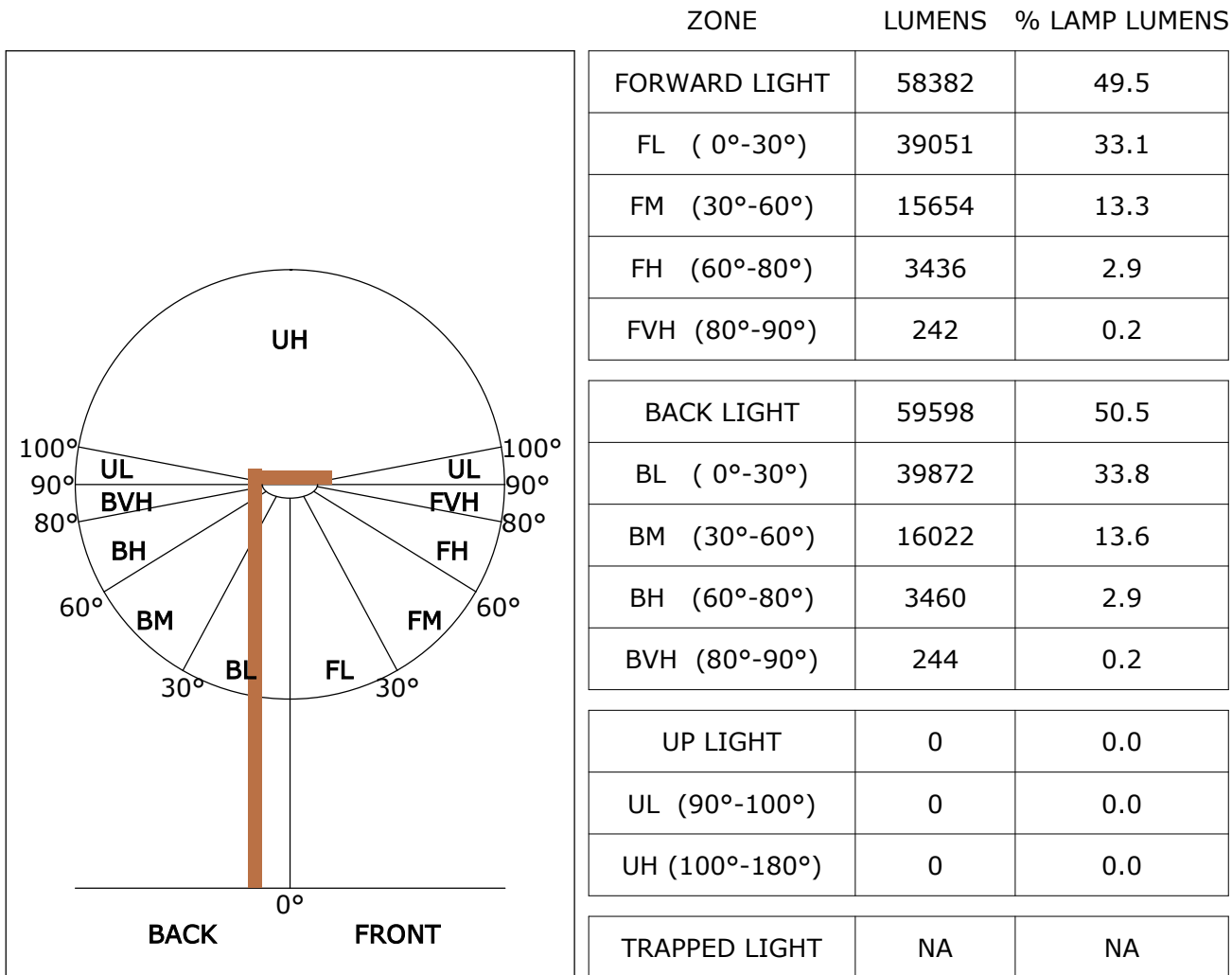
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 117980lm ($8\log(F/F_0) = 16.6$).

C Plane (°):0.0-360.0: 22.5
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 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

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:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.80	0.87	0.92	0.95	1.00	1.03	1.05	1.08	1.10	
		0.30	0.75	0.82	0.87	0.90	0.96	0.99	1.02	1.05	1.07	
		0.20	0.71	0.78	0.83	0.87	0.92	0.96	0.99	1.03	1.05	
0.50	0.50	0.20	0.79	0.85	0.89	0.93	0.97	1.00	1.02	1.04	1.06	
		0.30	0.74	0.81	0.85	0.89	0.94	0.97	0.99	1.02	1.04	
		0.20	0.71	0.77	0.82	0.86	0.91	0.94	0.97	1.00	1.02	
0.30	0.50	0.20	0.77	0.83	0.87	0.90	0.94	0.97	0.98	1.00	1.02	
		0.30	0.73	0.80	0.84	0.87	0.91	0.94	0.96	0.99	1.00	
		0.20	0.70	0.77	0.81	0.84	0.89	0.92	0.94	0.97	0.99	
0.00	0.00	0.00	0.69	0.75	0.79	0.82	0.86	0.89	0.90	0.93	0.94	

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 = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.66	0.54	0.46	0.40	0.31	0.26	0.22	0.17	0.14	
	0.30		0.55	0.46	0.40	0.35	0.28	0.24	0.20	0.16	0.13	
	0.20		0.47	0.40	0.35	0.31	0.26	0.22	0.19	0.15	0.13	
0.50	0.50	0.20	0.63	0.51	0.43	0.37	0.29	0.28	0.21	0.16	0.13	
	0.30		0.53	0.45	0.38	0.33	0.27	0.22	0.19	0.15	0.12	
	0.20		0.46	0.39	0.34	0.30	0.25	0.21	0.18	0.14	0.12	
0.30	0.50	0.20	0.61	0.49	0.41	0.35	0.28	0.23	0.19	0.15	0.12	
	0.30		0.52	0.43	0.37	0.32	0.25	0.21	0.18	0.14	0.12	
	0.20		0.45	0.38	0.33	0.29	0.24	0.20	0.17	0.13	0.11	
0.00	0.00	0.00	0.32	0.26	0.22	0.19	0.15	0.12	0.11	0.08	0.07	
<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 = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.17	0.17	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19
	0.30		0.09	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	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	190414.9	182.2	182.2	0.15	0.15
1.0-2.0	189899.0	545.1	727.3	0.46	0.62
2.0-3.0	188840.0	903.3	1630.6	0.77	1.38
3.0-4.0	187245.5	1253.5	2884.2	1.06	2.44
4.0-5.0	185135.6	1592.9	4477.1	1.35	3.79
5.0-6.0	182439.4	1917.5	6394.6	1.63	5.42
6.0-7.0	179157.5	2224.1	8618.6	1.89	7.31
7.0-8.0	175359.5	2510.0	11128.7	2.13	9.43
8.0-9.0	170997.4	2771.7	13900.4	2.35	11.78
9.0-10.0	166016.0	3004.8	16905.1	2.55	14.33
10.0-11.0	160456.1	3206.6	20111.7	2.72	17.05
11.0-12.0	154323.3	3373.9	23485.6	2.86	19.91
12.0-13.0	147715.8	3506.0	26991.7	2.97	22.88
13.0-14.0	140716.9	3602.3	30594.0	3.05	25.93
14.0-15.0	133351.7	3661.4	34255.4	3.10	29.03
15.0-16.0	125702.6	3683.8	37939.2	3.12	32.16
16.0-17.0	117804.5	3669.1	41608.3	3.11	35.27
17.0-18.0	109845.8	3622.2	45230.5	3.07	38.34
18.0-19.0	101890.5	3545.4	48775.9	3.01	41.34
19.0-20.0	94014.8	3441.5	52217.4	2.92	44.26
20.0-21.0	86467.7	3320.7	55538.1	2.81	47.07
21.0-22.0	79309.0	3187.5	58725.6	2.70	49.78
22.0-23.0	72479.7	3041.6	61767.2	2.58	52.35
23.0-24.0	66039.1	2887.7	64654.9	2.45	54.80
24.0-25.0	60104.1	2733.3	67388.2	2.32	57.12
25.0-26.0	54691.7	2582.0	69970.2	2.19	59.31
26.0-27.0	49770.9	2435.3	72405.5	2.06	61.37
27.0-28.0	45385.5	2298.1	74703.6	1.95	63.32
28.0-29.0	41473.4	2170.1	76873.7	1.84	65.16
29.0-30.0	37952.5	2049.4	78923.2	1.74	66.90
30.0-31.0	34858.0	1940.1	80863.3	1.64	68.54
31.0-32.0	32133.7	1841.2	82704.4	1.56	70.10
32.0-33.0	29681.6	1748.9	84453.3	1.48	71.58
33.0-34.0	27479.6	1663.2	86116.5	1.41	72.99
34.0-35.0	25492.4	1583.4	87699.9	1.34	74.33
35.0-36.0	23668.2	1507.2	89207.1	1.28	75.61

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	22020.0	1436.3	90643.5	1.22	76.83
37.0-38.0	20506.5	1369.0	92012.4	1.16	77.99
38.0-39.0	19099.2	1303.8	93316.2	1.11	79.09
39.0-40.0	17798.9	1241.5	94557.8	1.05	80.15
40.0-41.0	16587.4	1181.3	95739.1	1.00	81.15
41.0-42.0	15475.8	1124.5	96863.6	0.95	82.10
42.0-43.0	14450.5	1070.6	97934.2	0.91	83.01
43.0-44.0	13509.6	1019.8	98954.0	0.86	83.87
44.0-45.0	12654.4	972.6	99926.6	0.82	84.70
45.0-46.0	11858.3	927.5	100854.1	0.79	85.48
46.0-47.0	11134.5	885.7	101739.8	0.75	86.23
47.0-48.0	10485.4	847.7	102587.6	0.72	86.95
48.0-49.0	9898.0	812.9	103400.5	0.69	87.64
49.0-50.0	9356.9	780.2	104180.8	0.66	88.30
50.0-51.0	8868.8	750.4	104931.2	0.64	88.94
51.0-52.0	8423.7	722.9	105654.2	0.61	89.55
52.0-53.0	8008.3	696.7	106350.9	0.59	90.14
53.0-54.0	7622.1	671.9	107022.8	0.57	90.71
54.0-55.0	7266.0	648.7	107671.5	0.55	91.26
55.0-56.0	6935.9	626.8	108298.3	0.53	91.79
56.0-57.0	6620.1	605.4	108903.6	0.51	92.31
57.0-58.0	6321.4	584.7	109488.3	0.50	92.80
58.0-59.0	6044.1	565.1	110053.4	0.48	93.28
59.0-60.0	5777.1	545.9	110599.3	0.46	93.74
60.0-61.0	5512.3	526.1	111125.4	0.45	94.19
61.0-62.0	5267.3	507.6	111633.0	0.43	94.62
62.0-63.0	5027.9	489.1	112122.1	0.41	95.03
63.0-64.0	4779.4	469.0	112591.1	0.40	95.43
64.0-65.0	4542.8	449.6	113040.8	0.38	95.81
65.0-66.0	4324.2	431.5	113472.3	0.37	96.18
66.0-67.0	4104.3	412.7	113885.0	0.35	96.53
67.0-68.0	3895.3	394.7	114279.7	0.33	96.86
68.0-69.0	3701.4	377.7	114657.3	0.32	97.18
69.0-70.0	3501.7	359.7	115017.0	0.30	97.49
70.0-71.0	3297.6	340.9	115357.9	0.29	97.78
71.0-72.0	3087.6	321.1	115679.0	0.27	98.05

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	2877.9	301.0	115980.0	0.26	98.30
73.0-74.0	2673.0	281.1	116261.0	0.24	98.54
74.0-75.0	2460.5	260.0	116521.0	0.22	98.76
75.0-76.0	2252.1	239.1	116760.1	0.20	98.97
76.0-77.0	2040.8	217.6	116977.7	0.18	99.15
77.0-78.0	1817.4	194.6	117172.3	0.16	99.32
78.0-79.0	1603.8	172.3	117344.7	0.15	99.46
79.0-80.0	1395.7	150.5	117495.1	0.13	99.59
80.0-81.0	1176.6	127.3	117622.4	0.11	99.70
81.0-82.0	965.1	104.7	117727.1	0.09	99.79
82.0-83.0	770.3	83.8	117810.8	0.07	99.86
83.0-84.0	580.5	63.2	117874.1	0.05	99.91
84.0-85.0	416.0	45.4	117919.5	0.04	99.95
85.0-86.0	268.2	29.3	117948.8	0.02	99.97
86.0-87.0	140.9	15.4	117964.2	0.01	99.99
87.0-88.0	69.5	7.6	117971.8	0.01	99.99
88.0-89.0	51.2	5.6	117977.4	0.00	100.00
89.0-90.0	26.2	2.9	117980.3	0.00	100.00
90.0-91.0	0.0	0.0	117980.3	0.00	100.00
91.0-92.0	0.0	0.0	117980.3	0.00	100.00
92.0-93.0	0.0	0.0	117980.3	0.00	100.00
93.0-94.0	0.0	0.0	117980.3	0.00	100.00
94.0-95.0	0.0	0.0	117980.3	0.00	100.00
95.0-96.0	0.0	0.0	117980.3	0.00	100.00
96.0-97.0	0.0	0.0	117980.3	0.00	100.00
97.0-98.0	0.0	0.0	117980.3	0.00	100.00
98.0-99.0	0.0	0.0	117980.3	0.00	100.00
99.0-100.0	0.0	0.0	117980.3	0.00	100.00
100.0-101.0	0.0	0.0	117980.3	0.00	100.00
101.0-102.0	0.0	0.0	117980.3	0.00	100.00
102.0-103.0	0.0	0.0	117980.3	0.00	100.00
103.0-104.0	0.0	0.0	117980.3	0.00	100.00
104.0-105.0	0.0	0.0	117980.3	0.00	100.00
105.0-106.0	0.0	0.0	117980.3	0.00	100.00
106.0-107.0	0.0	0.0	117980.3	0.00	100.00
107.0-108.0	0.0	0.0	117980.3	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	117980.3	0.00	100.00
109.0-110.0	0.0	0.0	117980.3	0.00	100.00
110.0-111.0	0.0	0.0	117980.3	0.00	100.00
111.0-112.0	0.0	0.0	117980.3	0.00	100.00
112.0-113.0	0.0	0.0	117980.3	0.00	100.00
113.0-114.0	0.0	0.0	117980.3	0.00	100.00
114.0-115.0	0.0	0.0	117980.3	0.00	100.00
115.0-116.0	0.0	0.0	117980.3	0.00	100.00
116.0-117.0	0.0	0.0	117980.3	0.00	100.00
117.0-118.0	0.0	0.0	117980.3	0.00	100.00
118.0-119.0	0.0	0.0	117980.3	0.00	100.00
119.0-120.0	0.0	0.0	117980.3	0.00	100.00
120.0-121.0	0.0	0.0	117980.3	0.00	100.00
121.0-122.0	0.0	0.0	117980.3	0.00	100.00
122.0-123.0	0.0	0.0	117980.3	0.00	100.00
123.0-124.0	0.0	0.0	117980.3	0.00	100.00
124.0-125.0	0.0	0.0	117980.3	0.00	100.00
125.0-126.0	0.0	0.0	117980.3	0.00	100.00
126.0-127.0	0.0	0.0	117980.3	0.00	100.00
127.0-128.0	0.0	0.0	117980.3	0.00	100.00
128.0-129.0	0.0	0.0	117980.3	0.00	100.00
129.0-130.0	0.0	0.0	117980.3	0.00	100.00
130.0-131.0	0.0	0.0	117980.3	0.00	100.00
131.0-132.0	0.0	0.0	117980.3	0.00	100.00
132.0-133.0	0.0	0.0	117980.3	0.00	100.00
133.0-134.0	0.0	0.0	117980.3	0.00	100.00
134.0-135.0	0.0	0.0	117980.3	0.00	100.00
135.0-136.0	0.0	0.0	117980.3	0.00	100.00
136.0-137.0	0.0	0.0	117980.3	0.00	100.00
137.0-138.0	0.0	0.0	117980.3	0.00	100.00
138.0-139.0	0.0	0.0	117980.3	0.00	100.00
139.0-140.0	0.0	0.0	117980.3	0.00	100.00
140.0-141.0	0.0	0.0	117980.3	0.00	100.00
141.0-142.0	0.0	0.0	117980.3	0.00	100.00
142.0-143.0	0.0	0.0	117980.3	0.00	100.00
143.0-144.0	0.0	0.0	117980.3	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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	117980.3	0.00	100.00
145.0-146.0	0.0	0.0	117980.3	0.00	100.00
146.0-147.0	0.0	0.0	117980.3	0.00	100.00
147.0-148.0	0.0	0.0	117980.3	0.00	100.00
148.0-149.0	0.0	0.0	117980.3	0.00	100.00
149.0-150.0	0.0	0.0	117980.3	0.00	100.00
150.0-151.0	0.0	0.0	117980.3	0.00	100.00
151.0-152.0	0.0	0.0	117980.3	0.00	100.00
152.0-153.0	0.0	0.0	117980.3	0.00	100.00
153.0-154.0	0.0	0.0	117980.3	0.00	100.00
154.0-155.0	0.0	0.0	117980.3	0.00	100.00
155.0-156.0	0.0	0.0	117980.3	0.00	100.00
156.0-157.0	0.0	0.0	117980.3	0.00	100.00
157.0-158.0	0.0	0.0	117980.3	0.00	100.00
158.0-159.0	0.0	0.0	117980.3	0.00	100.00
159.0-160.0	0.0	0.0	117980.3	0.00	100.00
160.0-161.0	0.0	0.0	117980.3	0.00	100.00
161.0-162.0	0.0	0.0	117980.3	0.00	100.00
162.0-163.0	0.0	0.0	117980.3	0.00	100.00
163.0-164.0	0.0	0.0	117980.3	0.00	100.00
164.0-165.0	0.0	0.0	117980.3	0.00	100.00
165.0-166.0	0.0	0.0	117980.3	0.00	100.00
166.0-167.0	0.0	0.0	117980.3	0.00	100.00
167.0-168.0	0.0	0.0	117980.3	0.00	100.00
168.0-169.0	0.0	0.0	117980.3	0.00	100.00
169.0-170.0	0.0	0.0	117980.3	0.00	100.00
170.0-171.0	0.0	0.0	117980.3	0.00	100.00
171.0-172.0	0.0	0.0	117980.3	0.00	100.00
172.0-173.0	0.0	0.0	117980.3	0.00	100.00
173.0-174.0	0.0	0.0	117980.3	0.00	100.00
174.0-175.0	0.0	0.0	117980.3	0.00	100.00
175.0-176.0	0.0	0.0	117980.3	0.00	100.00
176.0-177.0	0.0	0.0	117980.3	0.00	100.00
177.0-178.0	0.0	0.0	117980.3	0.00	100.00
178.0-179.0	0.0	0.0	117980.3	0.00	100.00
179.0-180.0	0.0	0.0	117980.3	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°): 99926.65 lm

%lum = 84.7%

%lamp = 84.7%

cone flux(120°): 110599.29 lm

%lum = 93.7%

%lamp = 93.7%

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	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8
G1.0	190781.1	190625.1	190450.2	190339.3	190105.5	189955.2	189915.4	189883.6	189839.4	189950.4
G2.0	190482.3	190216.4	189874.5	189513.6	189150.5	188901.1	188755.8	188699.4	188546.9	188776.2
G3.0	189722.5	189275.7	188658.3	188213.3	187604.2	187105.2	186860.0	186975.1	186734.9	187160.8
G4.0	188430.0	187861.4	187021.6	186451.3	185570.7	184938.4	184645.0	184710.8	184370.9	184689.0
G5.0	186663.5	185889.2	184867.4	184065.3	182978.4	182173.0	182117.4	181919.5	181415.8	181821.5
G6.0	184143.5	183436.9	182221.5	180827.5	179853.4	178874.0	178443.1	178191.2	177609.9	178460.9
G7.0	181311.9	180199.5	179032.3	177355.7	175818.8	174690.0	174566.9	174274.2	173667.6	174639.7
G8.0	177869.7	176910.4	175202.6	173279.2	171420.4	170649.3	169987.1	169654.4	169049.9	170176.2
G9.0	173836.5	172745.3	170738.9	168507.1	166430.8	165495.8	164762.3	164384.1	163880.2	165154.8
G10.0	169296.7	167535.8	165828.8	163227.8	160947.5	159307.8	159035.9	158580.1	158145.3	158991.6
G11.0	164289.3	162280.8	159877.3	157480.5	155067.8	153184.8	152853.5	152366.3	151839.0	152763.5
G12.0	158086.9	156591.2	153938.6	150744.8	148168.1	146697.5	145654.8	145111.4	144383.1	146126.7
G13.0	151929.9	149655.9	147417.8	144210.8	141326.8	139182.0	138013.1	138194.8	137446.8	139295.3
G14.0	145169.0	142707.7	140437.6	137169.6	133946.4	131705.6	131140.1	130744.7	130049.4	131996.7
G15.0	137869.0	135331.3	132985.2	129413.3	126306.0	124502.5	123120.6	122780.5	122249.3	124295.9
G16.0	130296.2	127786.2	125371.1	121552.9	118522.8	116473.0	115133.6	114718.8	114559.6	115829.6
G17.0	122580.5	120072.5	116890.1	113673.0	110791.5	108528.2	107237.8	106761.1	105895.7	107940.7
G18.0	114819.4	112196.5	109010.8	105903.7	103021.2	100843.5	99860.0	99057.3	98037.1	100077.7
G19.0	106142.5	104210.3	101137.9	98270.9	95289.9	92592.8	91504.9	90845.9	90678.7	92610.5
G20.0	98154.0	96334.4	93394.4	90065.9	87064.8	85396.2	84390.9	83649.5	83359.2	84539.9
G21.0	90360.4	88717.9	85896.7	82797.2	80022.2	77939.3	77550.5	76928.1	76500.8	77572.2
G22.0	82761.7	80958.8	78230.8	76217.6	73330.4	71439.0	70306.2	70486.6	70038.6	71000.3
G23.0	75955.2	74127.3	71619.4	69690.1	67158.4	65263.9	64332.3	63752.2	63232.2	64720.3
G24.0	68876.0	67607.3	65305.5	63000.0	61239.7	59524.9	58742.7	58110.9	57633.7	59011.2
G25.0	62758.0	61496.0	59386.3	57389.1	55697.8	54267.3	53517.9	52925.1	52606.9	53827.6
G26.0	57023.3	55884.2	53991.1	52246.4	50643.3	49465.3	48710.1	48149.2	48008.6	48695.9
G27.0	52282.1	50739.5	49016.4	47526.3	46056.5	45066.6	44338.8	43828.8	43397.4	44427.1
G28.0	47534.5	46139.8	45012.0	43709.9	41976.4	41156.0	40456.0	40328.2	39708.4	40644.8
G29.0	43345.5	42078.6	41065.8	39939.0	38396.6	37694.3	37042.4	36918.7	36370.2	37238.8
G30.0	39650.0	38588.2	37346.1	36629.7	35245.6	34636.1	34019.6	33906.2	33454.1	34228.6
G31.0	36376.7	35493.7	34376.8	33652.0	32503.9	31649.4	31355.1	31277.5	30875.7	31588.1
G32.0	33467.1	32710.5	31672.7	31025.4	30054.6	29456.6	28970.7	28909.1	28576.6	29051.5
G33.0	30817.2	30186.8	29292.1	28652.3	27819.7	27224.8	26794.8	26735.8	26303.4	26917.0
G34.0	28492.1	27961.6	27137.9	26513.3	25831.6	25214.1	24859.9	24783.8	24439.5	25042.1
G35.0	26387.9	25982.8	25235.9	24608.4	23863.1	23405.2	23114.0	23020.5	22757.3	23290.5
G36.0	24562.9	24010.6	23327.6	22800.9	22258.3	21830.6	21557.0	21465.4	21153.2	21662.1

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 (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	22815.8	22369.2	21729.7	21234.1	20757.6	20386.0	20104.2	20021.0	19776.3	20066.1
G38.0	21237.6	20799.2	20215.9	19784.2	19341.2	18954.5	18729.6	18654.6	18315.0	18742.7
G39.0	19750.3	19365.5	18960.9	18522.9	17983.4	17640.1	17420.2	17366.3	17126.5	17471.1
G40.0	18444.9	18009.6	17615.4	17222.6	16749.0	16442.9	16241.0	16221.1	15950.9	16309.8
G41.0	17126.5	16789.9	16425.0	16006.8	15625.0	15369.2	15166.1	15075.9	14866.3	15252.3
G42.0	16067.8	15706.5	15370.6	15012.1	14618.0	14315.1	14143.3	14132.4	13918.1	14194.9
G43.0	14918.3	14687.9	14193.2	14062.8	13663.0	13404.2	13270.4	13117.4	12924.4	13221.7
G44.0	13931.1	13721.3	13391.0	13146.1	12798.9	12545.3	12443.0	12369.2	12171.0	12443.2
G45.0	13086.8	12793.5	12530.6	12307.4	11954.3	11731.9	11635.2	11588.4	11450.1	11664.7
G46.0	12236.0	12021.5	11683.2	11462.2	11220.1	11022.6	10918.6	10807.6	10748.7	10925.1
G47.0	11456.6	11275.4	10984.5	10818.6	10525.0	10358.9	10351.8	10221.9	10125.2	10256.9
G48.0	10826.6	10613.7	10318.2	10200.9	9998.7	9805.9	9739.4	9649.4	9534.2	9711.9
G49.0	10164.2	10016.9	9755.4	9667.8	9388.0	9278.8	9211.7	9109.3	9034.1	9180.0
G50.0	9573.2	9452.4	9186.1	9141.2	8946.2	8816.8	8775.3	8608.3	8579.5	8719.3
G51.0	9118.5	8965.9	8707.4	8679.6	8426.5	8315.8	8319.2	8263.4	8170.3	8278.2
G52.0	8650.9	8492.3	8332.2	8224.5	8036.7	7964.4	7947.9	7749.4	7670.2	7843.5
G53.0	8183.3	8051.1	7918.2	7860.4	7640.3	7548.0	7531.0	7476.1	7345.5	7480.2
G54.0	7767.6	7687.8	7536.5	7483.3	7328.5	7229.1	7185.7	7092.3	7014.3	7129.9
G55.0	7416.9	7298.6	7193.6	7171.2	6971.2	6871.3	6892.5	6766.9	6709.0	6805.5
G56.0	7098.7	6961.2	6837.8	6833.1	6691.8	6598.0	6586.3	6461.1	6371.3	6513.5
G57.0	6748.0	6630.3	6527.3	6540.6	6380.0	6324.7	6299.7	6161.8	6118.0	6221.6
G58.0	6436.2	6331.9	6236.2	6241.5	6061.6	5986.3	5987.0	5895.0	5845.2	5942.6
G59.0	6156.9	6085.4	5964.5	5974.9	5853.7	5771.6	5719.9	5641.3	5617.9	5670.2
G60.0	5858.2	5806.4	5699.3	5701.9	5587.3	5524.3	5491.9	5394.0	5345.1	5417.1
G61.0	5572.4	5533.9	5427.6	5487.3	5282.0	5270.6	5244.3	5159.8	5111.3	5183.6
G62.0	5364.6	5313.3	5201.2	5227.2	5113.1	5036.3	5016.3	4945.1	4851.5	4937.1
G63.0	5104.8	5001.9	4923.0	4999.7	4846.7	4782.6	4775.2	4710.8	4669.7	4690.5
G64.0	4838.5	4794.3	4683.6	4772.1	4619.3	4606.9	4534.2	4418.0	4422.9	4450.5
G65.0	4604.7	4528.3	4457.2	4512.1	4398.4	4333.6	4338.8	4209.8	4182.6	4229.9
G66.0	4377.4	4314.3	4269.6	4343.0	4158.0	4151.4	4110.7	4053.6	3987.7	4009.3
G67.0	4169.6	4074.2	3997.9	4076.5	3969.6	3943.2	3915.3	3806.4	3805.9	3801.7
G68.0	3974.7	3925.0	3842.6	3933.4	3755.2	3754.5	3732.9	3611.2	3611.0	3613.6
G69.0	3715.0	3685.0	3642.1	3705.9	3547.3	3546.2	3563.5	3481.1	3416.2	3464.4
G70.0	3546.1	3490.3	3448.0	3517.3	3391.4	3344.5	3368.1	3227.3	3175.9	3237.3
G71.0	3299.3	3295.7	3247.5	3289.8	3183.5	3155.8	3120.5	3038.6	2974.6	3042.7
G72.0	3111.0	3107.6	3027.5	3068.7	2936.6	2941.1	2951.1	2817.4	2792.7	2841.6
G73.0	2903.1	2900.0	2820.5	2873.7	2761.2	2765.4	2723.1	2654.7	2552.4	2595.0

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 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	2675.8	2718.3	2652.3	2685.1	2540.3	2537.7	2508.1	2414.0	2357.6	2406.9
G75.0	2481.0	2465.3	2393.6	2457.6	2312.9	2322.9	2280.1	2199.2	2156.2	2225.3
G76.0	2214.7	2277.1	2218.9	2210.5	2131.0	2205.8	2091.2	2030.1	1928.9	2004.7
G77.0	2019.8	2030.6	2018.4	2009.0	1916.6	1926.0	1850.2	1854.4	1714.6	1803.6
G78.0	1812.0	1816.5	1804.9	1787.9	1695.7	1704.8	1622.2	1620.2	1493.8	1492.2
G79.0	1610.7	1660.8	1591.4	1560.4	1487.8	1490.1	1426.7	1379.4	1279.4	1342.9
G80.0	1409.3	1453.2	1365.0	1339.3	1286.4	1288.4	1192.2	1184.2	1071.6	1148.3
G81.0	1188.5	1161.3	1138.6	1079.3	1091.5	1015.1	944.6	963.0	844.3	927.7
G82.0	1000.2	999.1	951.0	910.2	877.1	819.9	775.2	793.8	662.5	720.1
G83.0	785.9	772.0	756.9	702.2	662.7	605.1	599.3	618.1	526.1	532.0
G84.0	526.1	596.9	543.4	552.6	500.3	468.5	430.0	455.5	357.2	402.2
G85.0	415.7	408.7	407.6	364.1	370.3	305.8	280.1	279.8	201.3	291.9
G86.0	305.2	175.2	284.6	227.6	175.4	169.2	143.3	149.6	90.9	116.8
G87.0	123.4	142.7	168.2	110.5	91.0	110.6	104.2	0.0	0.0	0.0
G88.0	0.0	77.8	0.0	117.0	84.5	0.0	0.0	71.6	0.0	0.0
G89.0	0.0	90.8	0.0	110.5	0.0	0.0	0.0	71.6	0.0	77.8
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	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8	190540.8			
G1.0	190023.3	190280.8	190495.3	190605.9	190677.6	190697.0	190781.1			
G2.0	189059.4	189500.6	189910.6	190150.4	190286.7	190319.6	190482.3			
G3.0	187493.8	188187.3	188773.6	189187.4	189355.1	189428.2	189722.5			
G4.0	185397.9	186301.8	187155.9	187554.1	187974.0	188048.8	188430.0			
G5.0	182752.0	183928.8	184973.0	185537.0	185980.5	186135.8	186663.5			
G6.0	179588.6	181022.6	181977.9	182966.8	183518.0	183708.8	184143.5			
G7.0	175539.0	177251.7	178768.4	179947.6	180625.5	180507.5	181311.9			
G8.0	171230.5	173207.7	174980.7	175965.4	176762.3	176961.4	177869.7			
G9.0	166320.5	168572.1	170569.4	171729.4	172645.0	172836.2	173836.5			
G10.0	160892.9	163390.4	165631.7	166959.9	167961.0	168170.9	169296.7			
G11.0	154831.4	157532.5	159420.7	161481.1	162579.9	162842.0	164289.3			
G12.0	148349.3	151252.0	153294.1	155514.3	156749.3	156992.5	158086.9			
G13.0	141647.4	144067.8	146881.7	149254.7	150560.3	150167.0	151929.9			
G14.0	133677.4	136922.6	139878.0	141667.7	143101.0	143374.1	145169.0			
G15.0	126050.4	129380.8	132426.1	135030.7	135765.5	136060.6	137869.0			
G16.0	118365.1	121813.0	124902.7	126786.4	128260.6	128545.4	130296.2			
G17.0	110492.2	113907.1	116183.9	118841.6	120371.4	120659.4	122580.5			
G18.0	102567.5	105923.2	108173.2	110805.6	112351.9	112591.1	114819.4			
G19.0	94293.6	97549.2	100435.4	103016.8	103706.9	103969.8	106142.5			
G20.0	86841.2	89961.9	92756.1	94395.2	95811.1	96103.2	98154.0			
G21.0	79712.2	82491.6	85154.7	86710.6	88071.7	88321.3	90360.4			
G22.0	72964.9	75710.5	78112.1	79579.1	80879.5	81124.9	82761.7			
G23.0	66470.0	69046.4	70543.2	72577.7	73759.0	73961.1	75955.2			
G24.0	60550.8	62343.3	64299.7	66129.4	67263.9	67402.4	68876.0			
G25.0	54722.1	56895.0	58653.9	60344.8	60827.4	60973.8	62758.0			
G26.0	49967.3	51934.4	53501.9	54540.6	55478.9	55605.8	57023.3			
G27.0	45561.8	47350.8	48323.9	49686.5	50553.8	50667.3	52282.1			
G28.0	41654.5	43274.3	44146.4	45365.9	46162.9	46242.8	47534.5			
G29.0	38161.2	39295.3	40417.2	41526.9	42221.5	41922.4	43345.5			
G30.0	35088.4	36070.6	37090.7	38071.7	38371.4	38447.8	39650.0			
G31.0	32132.0	33268.4	34206.1	35072.0	35348.6	35435.2	36376.7			
G32.0	29751.4	30765.3	31639.8	32170.0	32658.0	32787.0	33467.1			
G33.0	27571.3	28483.3	29086.6	29769.0	30202.0	30288.5	30817.2			
G34.0	25650.0	26454.8	27027.1	27634.7	28026.1	28134.8	28492.1			
G35.0	23871.0	24413.3	25104.0	25663.1	25850.2	25987.6	26387.9			
G36.0	22053.2	22735.9	23369.3	23860.7	24032.6	24146.2	24562.9			

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	20558.8	21188.5	21790.6	22110.4	22384.4	22519.5	22815.8			
G38.0	19167.9	19797.2	20192.3	20587.8	20873.0	21003.5	21237.6			
G39.0	17880.6	18353.9	18815.0	19195.3	19491.9	19435.4	19750.3			
G40.0	16722.6	17138.1	17580.6	17939.5	18065.2	18134.0	18444.9			
G41.0	15435.3	16019.8	16391.6	16729.2	16827.4	16904.3	17126.5			
G42.0	14464.9	14940.5	15319.7	15518.9	15713.4	15778.6	16067.8			
G43.0	13501.0	14004.3	14241.2	14510.3	14742.7	14737.6	14918.3			
G44.0	12724.7	13074.6	13338.1	13579.8	13713.4	13716.0	13931.1			
G45.0	11844.9	12281.4	12532.5	12694.9	12873.0	12863.6	13086.8			
G46.0	11159.2	11533.7	11759.4	11946.6	12078.2	12108.9	12236.0			
G47.0	10473.5	10870.6	11005.7	11191.8	11387.6	11367.1	11456.6			
G48.0	9891.2	10246.4	10414.5	10521.6	10703.6	10683.9	10826.6			
G49.0	9380.2	9667.8	9868.8	10007.6	10078.2	10065.8	10164.2			
G50.0	8843.3	9147.7	9303.5	9395.9	9544.0	9512.7	9573.2			
G51.0	8390.4	8744.6	8842.3	8933.9	9074.9	9024.7	9118.5			
G52.0	7989.3	8296.0	8394.0	8517.5	8605.9	8588.8	8650.9			
G53.0	7633.5	7886.4	7971.7	8101.1	8202.0	8133.3	8183.3			
G54.0	7271.3	7509.3	7581.9	7678.1	7759.0	7690.9	7767.6			
G55.0	6896.1	7197.2	7276.5	7326.7	7407.2	7365.5	7416.9			
G56.0	6579.1	6839.6	6873.7	6975.4	7107.5	7053.2	7098.7			
G57.0	6307.4	6540.6	6568.4	6669.5	6755.7	6669.3	6748.0			
G58.0	6042.1	6235.0	6276.0	6383.2	6475.6	6448.1	6436.2			
G59.0	5751.0	5974.9	6035.6	6116.5	6175.9	6077.2	6156.9			
G60.0	5472.9	5701.9	5743.2	5817.1	5895.8	5823.5	5858.2			
G61.0	5233.5	5467.8	5444.4	5537.4	5622.1	5537.2	5572.4			
G62.0	5026.5	5194.7	5217.0	5329.1	5368.1	5296.4	5364.6			
G63.0	4741.8	4954.2	4989.6	5068.9	5127.0	5068.7	5104.8			
G64.0	4502.5	4694.1	4723.2	4782.6	4846.9	4795.4	4838.5			
G65.0	4276.1	4473.1	4547.8	4587.4	4625.4	4580.7	4604.7			
G66.0	4062.6	4284.5	4281.4	4320.6	4390.9	4372.5	4377.4			
G67.0	3875.0	4044.0	4034.6	4099.3	4169.4	4066.7	4169.6			
G68.0	3635.6	3861.9	3813.7	3897.6	3941.4	3897.5	3974.7			
G69.0	3441.6	3621.4	3664.2	3734.9	3719.9	3695.8	3715.0			
G70.0	3273.4	3432.8	3417.4	3481.2	3550.5	3507.1	3546.1			
G71.0	3092.2	3231.3	3209.5	3331.5	3329.0	3272.8	3299.3			
G72.0	2865.8	2997.2	3014.6	3058.2	3114.0	3045.1	3111.0			
G73.0	2639.4	2782.7	2806.7	2889.1	2886.0	2849.9	2903.1			

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 (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	2445.3	2594.1	2605.3	2654.8	2736.2	2602.7	2675.8			
G75.0	2206.0	2379.6	2403.9	2420.6	2456.0	2440.0	2481.0			
G76.0	2024.8	2139.0	2195.9	2264.4	2273.6	2257.8	2214.7			
G77.0	1824.3	1885.4	1962.1	2010.6	2013.0	1997.5	2019.8			
G78.0	1649.6	1709.9	1754.2	1756.9	1791.5	1808.9	1812.0			
G79.0	1410.3	1449.8	1572.2	1548.6	1602.6	1587.6	1610.7			
G80.0	1190.3	1274.3	1318.9	1333.9	1394.1	1411.9	1409.3			
G81.0	970.4	1072.8	1137.0	1119.2	1153.1	1184.2	1188.5			
G82.0	756.9	890.7	896.6	930.5	938.1	969.5	1000.2			
G83.0	582.2	695.7	669.2	722.3	742.7	787.3	785.9			
G84.0	427.0	416.1	461.3	579.1	566.8	533.5	526.1			
G85.0	284.6	305.6	370.3	338.4	430.0	442.5	415.7			
G86.0	148.8	201.5	201.4	149.7	254.1	292.8	305.2			
G87.0	0.0	97.5	84.5	117.1	156.4	117.1	123.4			
G88.0	64.7	110.5	91.0	0.0	78.2	104.1	0.0			
G89.0	71.2	91.0	71.5	71.6	110.7	71.6	0.0			
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