

Report No.:

Test Time: 2024/2/26 17:38

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.185 A
Power Factor: 0.950

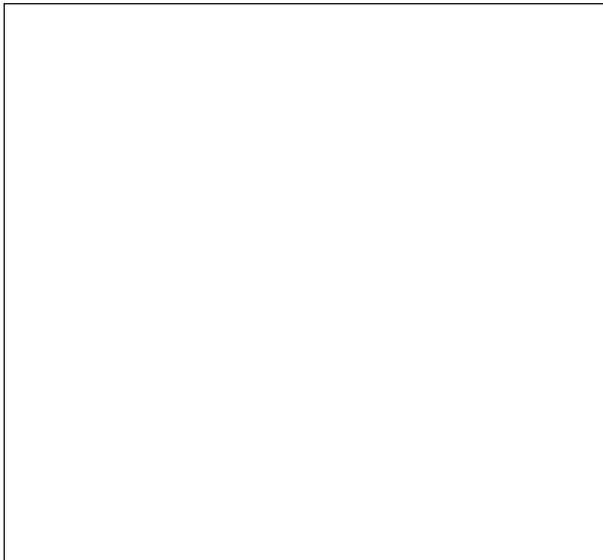
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 996.22 W

Photometric Results

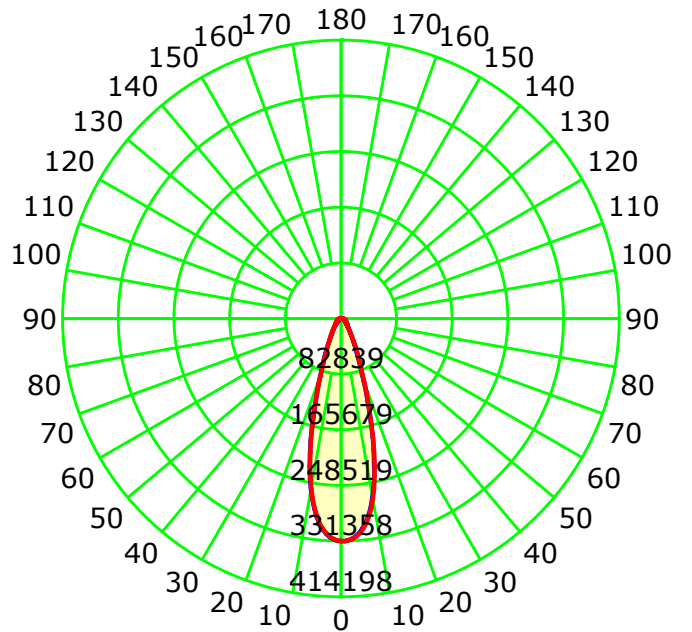
IES Classification: Type I
Total Rated Lamp Lumens: 146301.5 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 331303.56 cd
Pos of Max. Intensity: H45 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 31.0, 31.1, 31.1, 31.0

Longitudinal Classification: Very Short
Measurement Flux: 146301.5 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 146.91
Max. Intensity: 331358.97 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



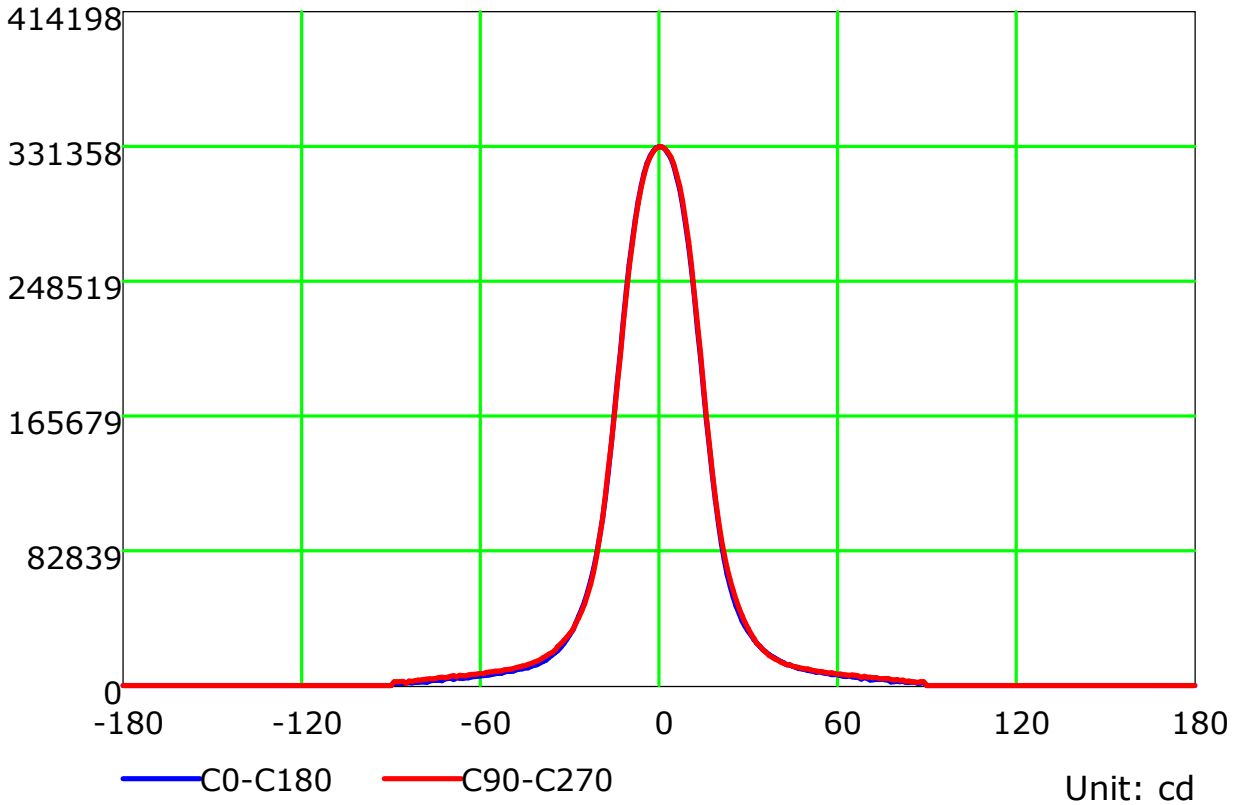
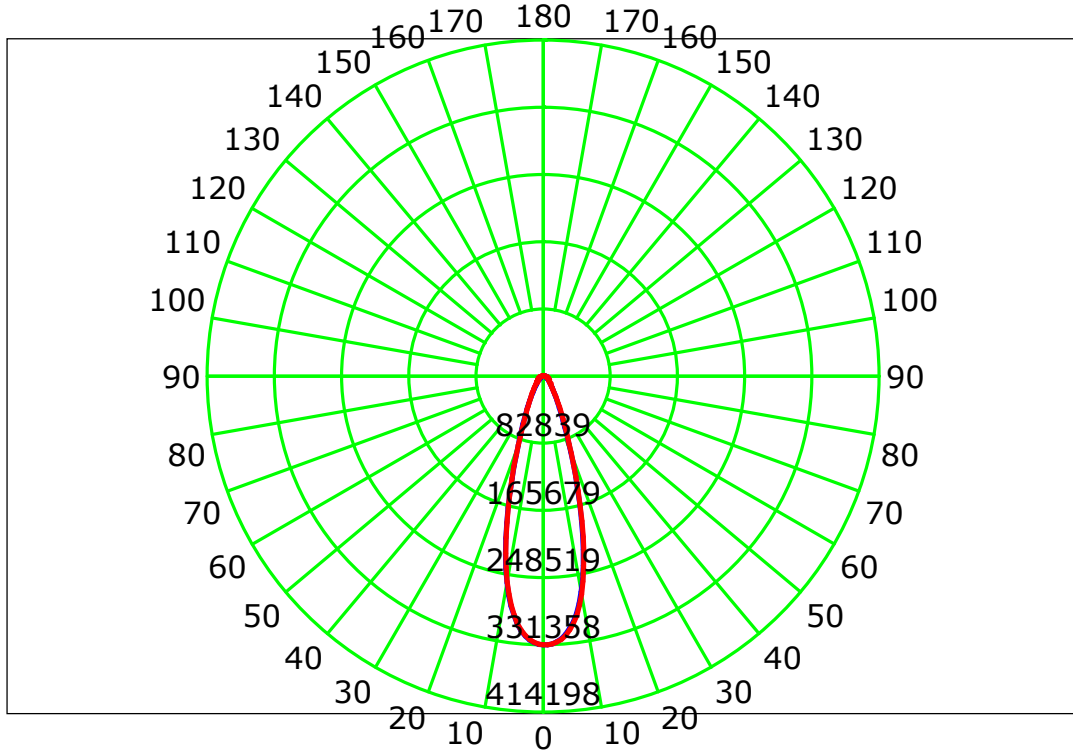
Unit: cd
Average Diffuse Angle(50%): 31.0°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 °C
Operator:

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

Luminous Intensity Distribution Curve



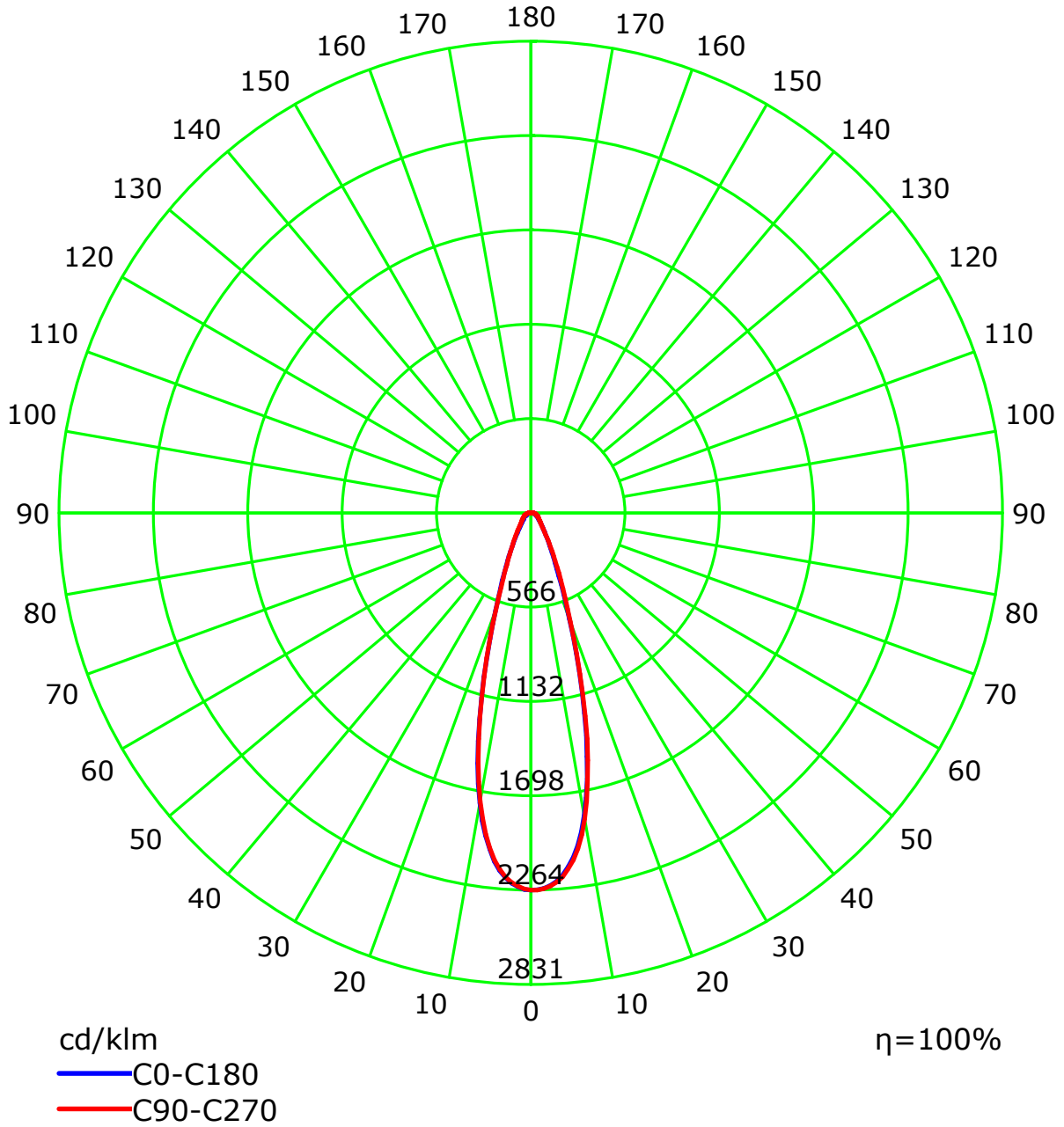
Test Lab:
Test Type: TYPE C
Temperature: 25.6 °C
Operator:

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

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Luminous Intensity Distribution Curve(cd/klm)



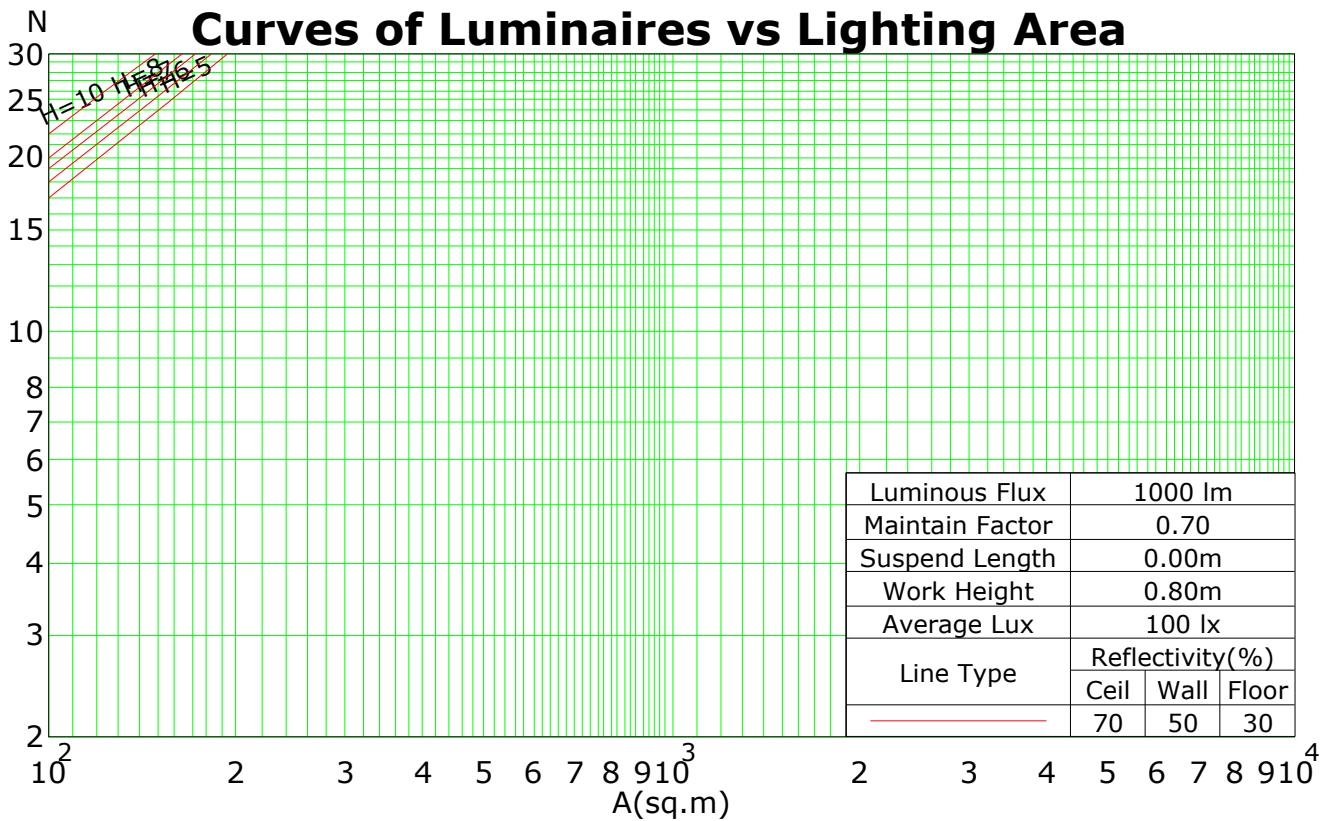
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 °C
Operator:

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

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.12	1.09	1.06	1.03	1.10	1.07	1.04	1.01	1.03	1.00	0.98	0.99	0.97	0.95	0.95	0.94	0.93	0.91
2	1.06	1.00	0.96	0.92	1.04	0.99	0.94	0.91	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.83
3	1.00	0.93	0.88	0.83	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	0.77	0.94	0.86	0.81	0.76	0.84	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.74	0.72
5	0.91	0.82	0.76	0.72	0.89	0.81	0.76	0.71	0.79	0.74	0.71	0.78	0.73	0.70	0.76	0.72	0.69	0.68
6	0.87	0.78	0.72	0.67	0.85	0.77	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.66	0.73	0.69	0.66	0.64
7	0.83	0.74	0.68	0.64	0.82	0.73	0.67	0.63	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.65	0.62	0.61
8	0.80	0.70	0.64	0.60	0.79	0.70	0.64	0.60	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.59	0.58
9	0.77	0.67	0.61	0.58	0.76	0.67	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.56
10	0.74	0.64	0.59	0.55	0.73	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.62	0.58	0.55	0.53

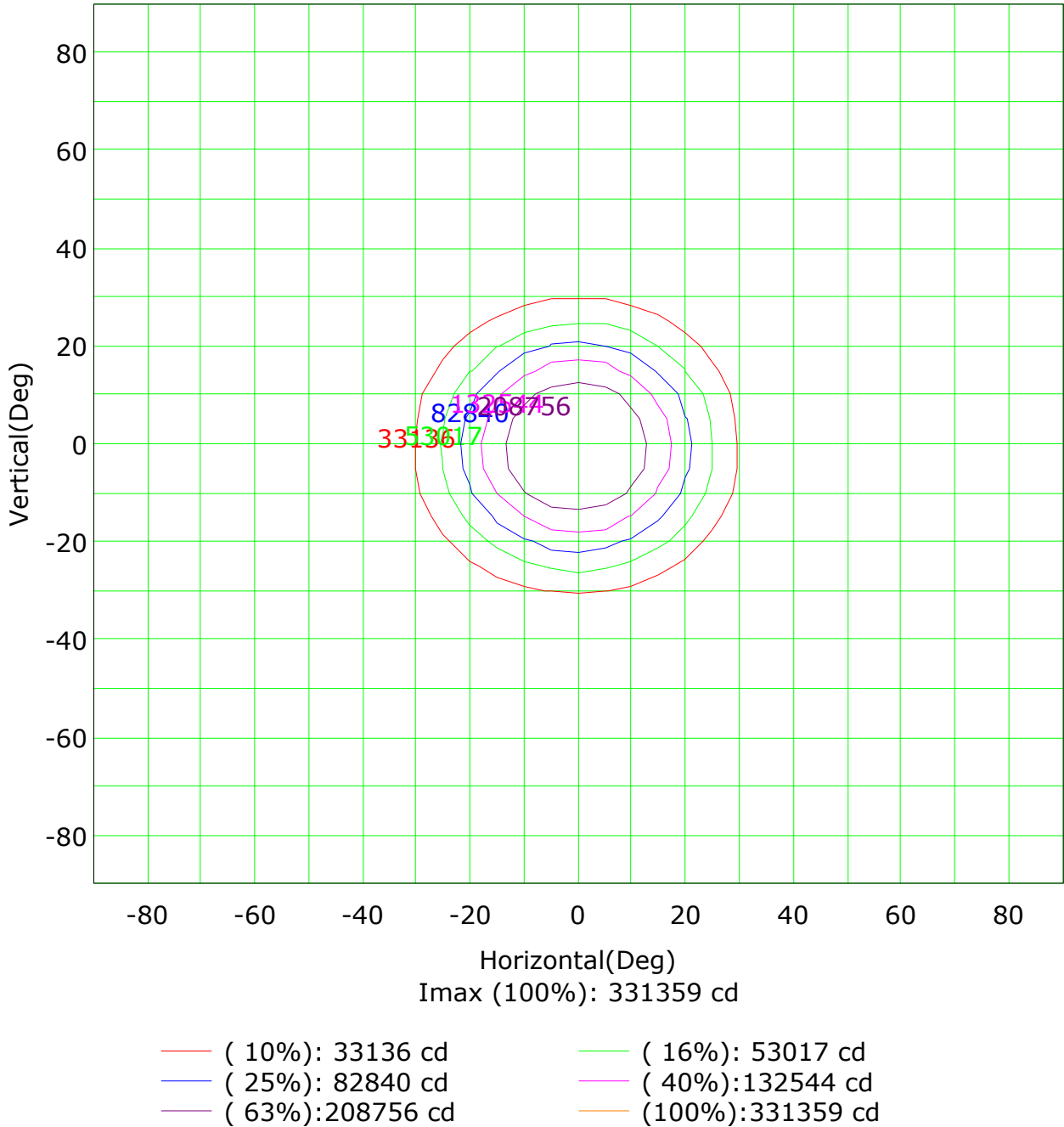
Spacing Criteria (0-180): 0.52
 Spacing Criteria (90-270): 0.52
 Spacing Criteria (Diagonal): 0.51



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °C
 Operator:

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

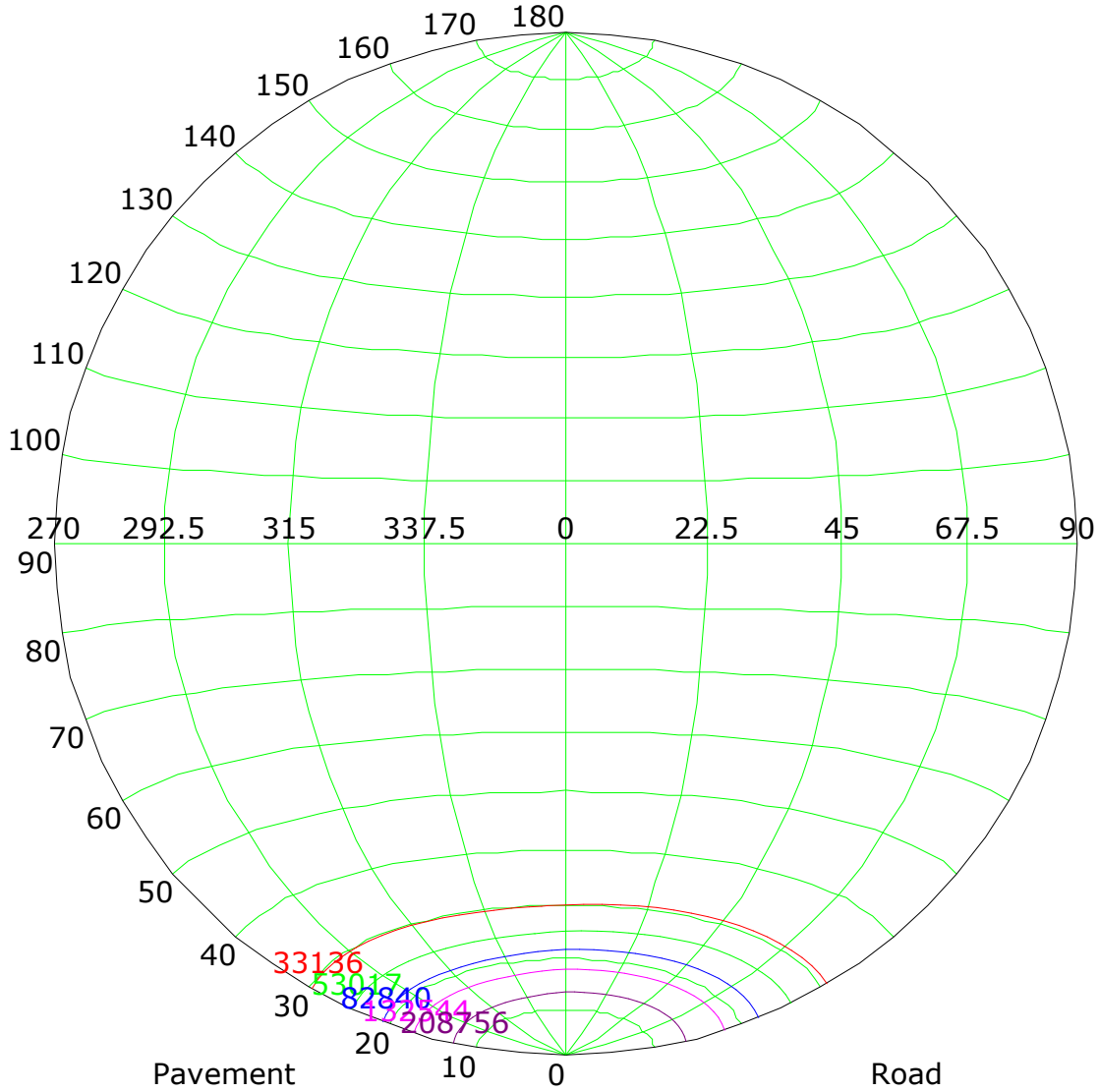
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 '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%): 331359 cd

- (10%): 33136 cd
 - (25%): 82840 cd
 - (63%): 208756 cd
- (16%): 53017 cd
 - (40%): 132544 cd
 - (100%): 331359 cd

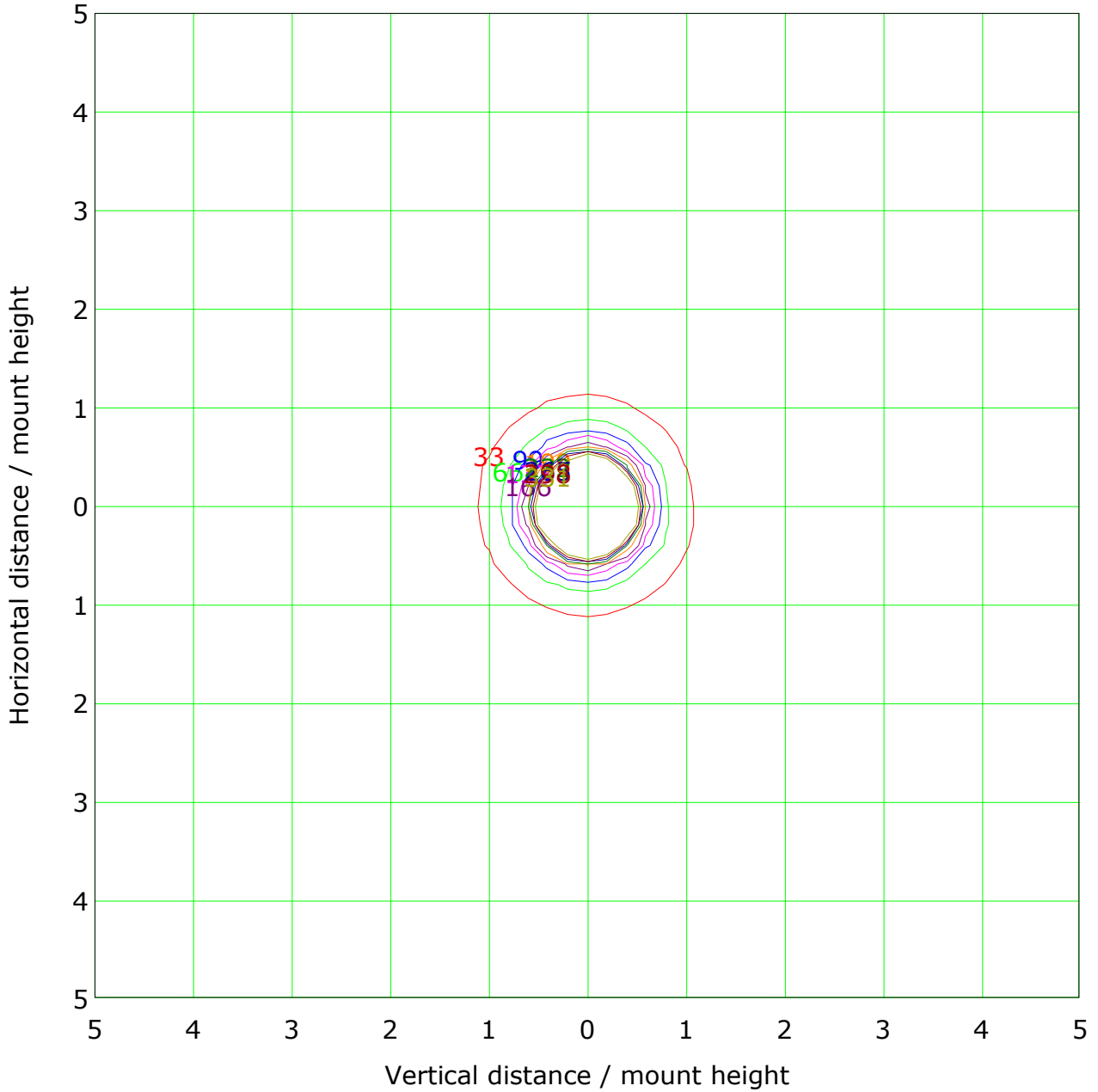
CIE: narrow - short
 CIE: Full-cut-off luminaire
 Max.At90: 0.000 cd/klm

IES: Cut-off
 Max.At80: 26.184 cd/klm
 Max.80-90: 26.184 cd/klm

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 Test Type: TYPE C
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 Operator:

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

IsoLux Plot



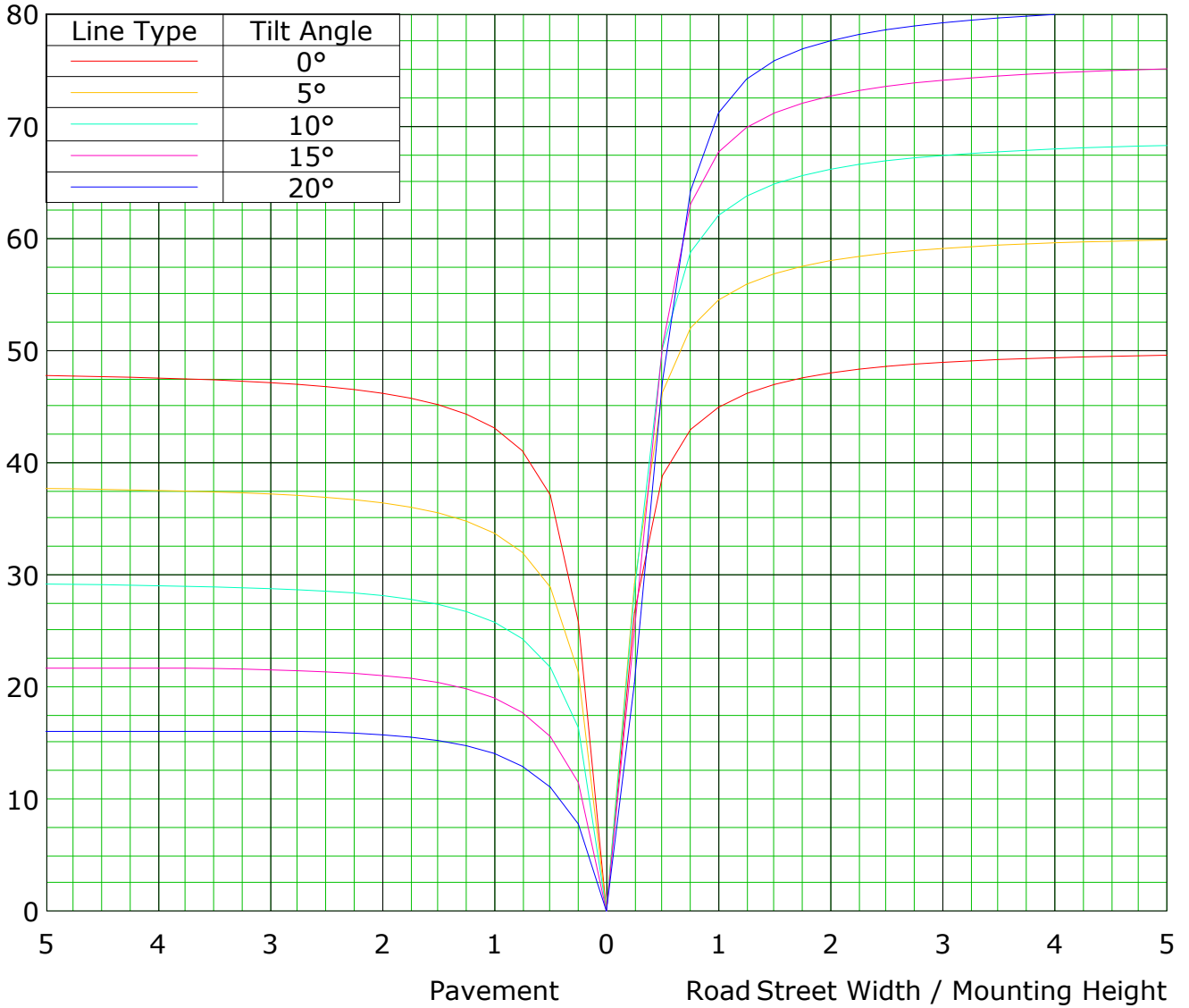
Mounting Height: 10.0m		Max Lux(100%): 3313.0 lx	
— (1%): 33.1 lx	— (2%): 66.3 lx	— (4%): 132.5 lx	— (6%): 198.8 lx
— (3%): 99.4 lx	— (5%): 165.7 lx	— (8%): 265.0 lx	— (10%): 331.3 lx
— (7%): 231.9 lx	— (9%): 298.2 lx		

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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(%)



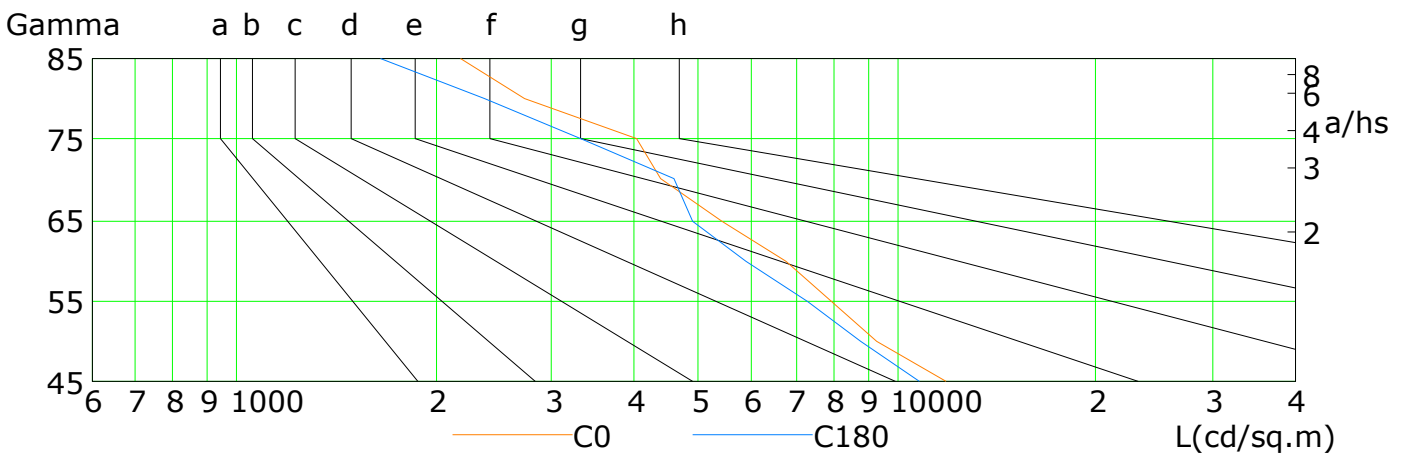
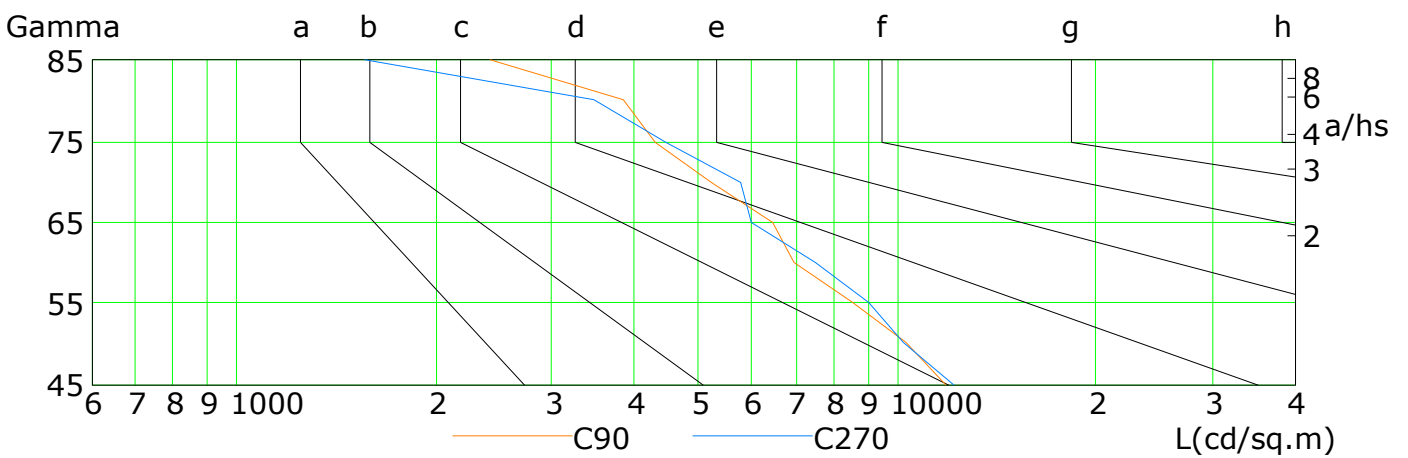
C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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

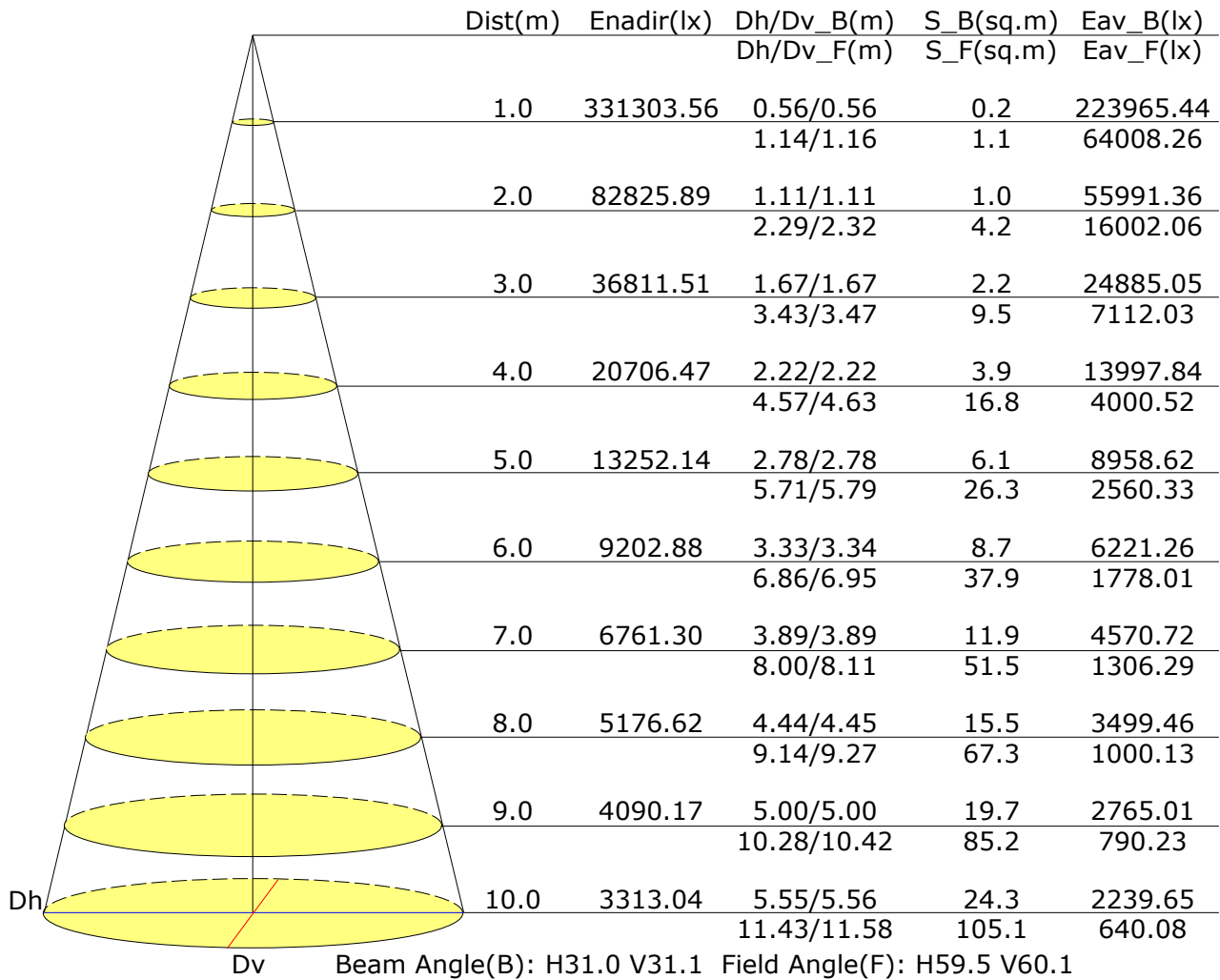


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11885	9323	7923	6788	5430	4377	4003	2729	2175
C90	11881	10285	8508	6995	6496	5233	4289	3831	2401
C180	10832	8810	7328	5915	4890	4585	3297	2355	1648
C270	12214	10188	9036	7481	5982	5788	4469	3470	1555

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

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

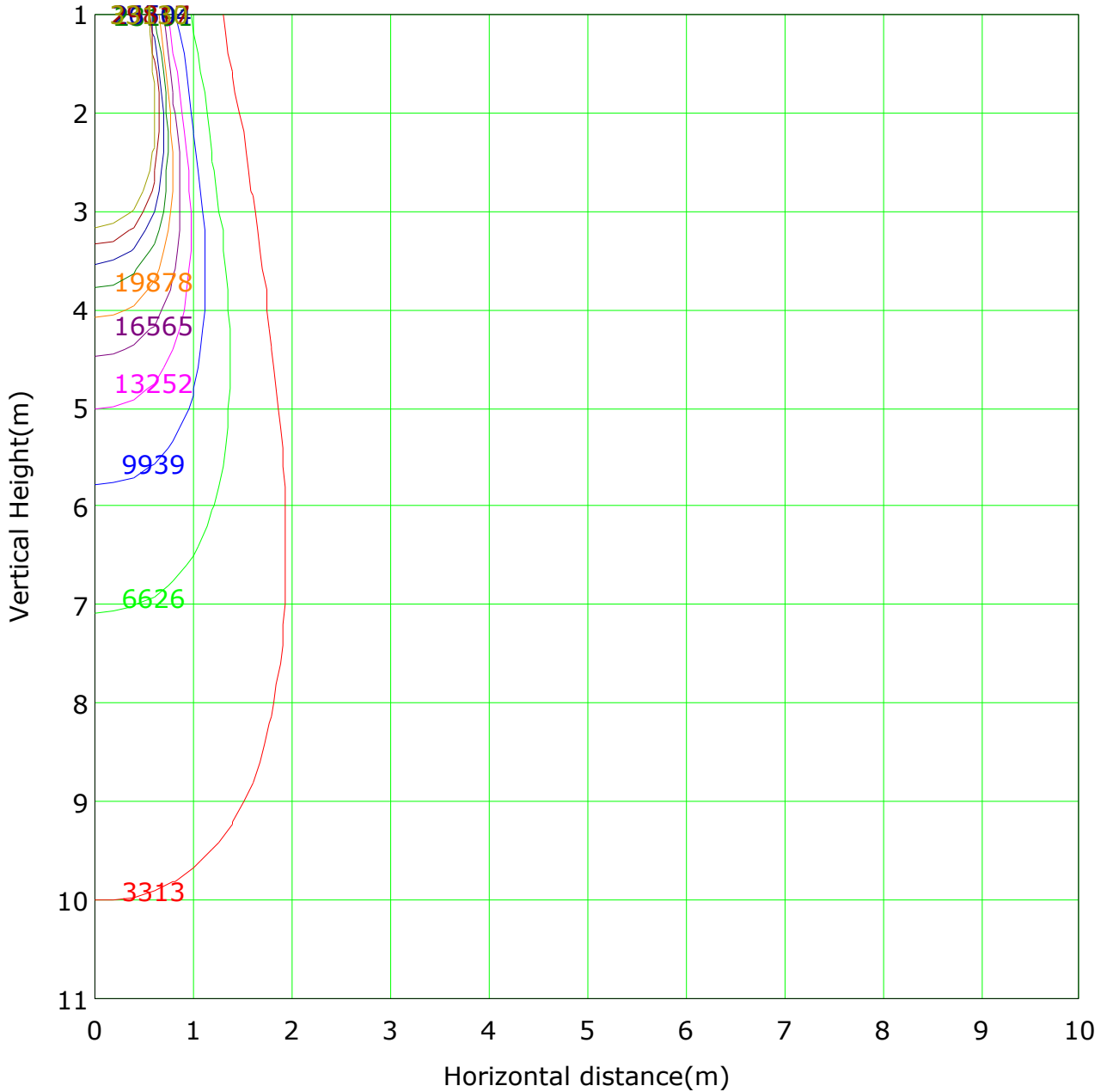
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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: 331303.6 lx

— (1%):3313.0 lx	— (2%):6626.1 lx
— (3%):9939.1 lx	— (4%):13252.1 lx
— (5%):16565.2 lx	— (6%):19878.2 lx
— (7%):23191.2 lx	— (8%):26504.3 lx
— (9%):29817.3 lx	— (10%):33130.4 lx

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °C
 Operator:

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

Area Flux Table

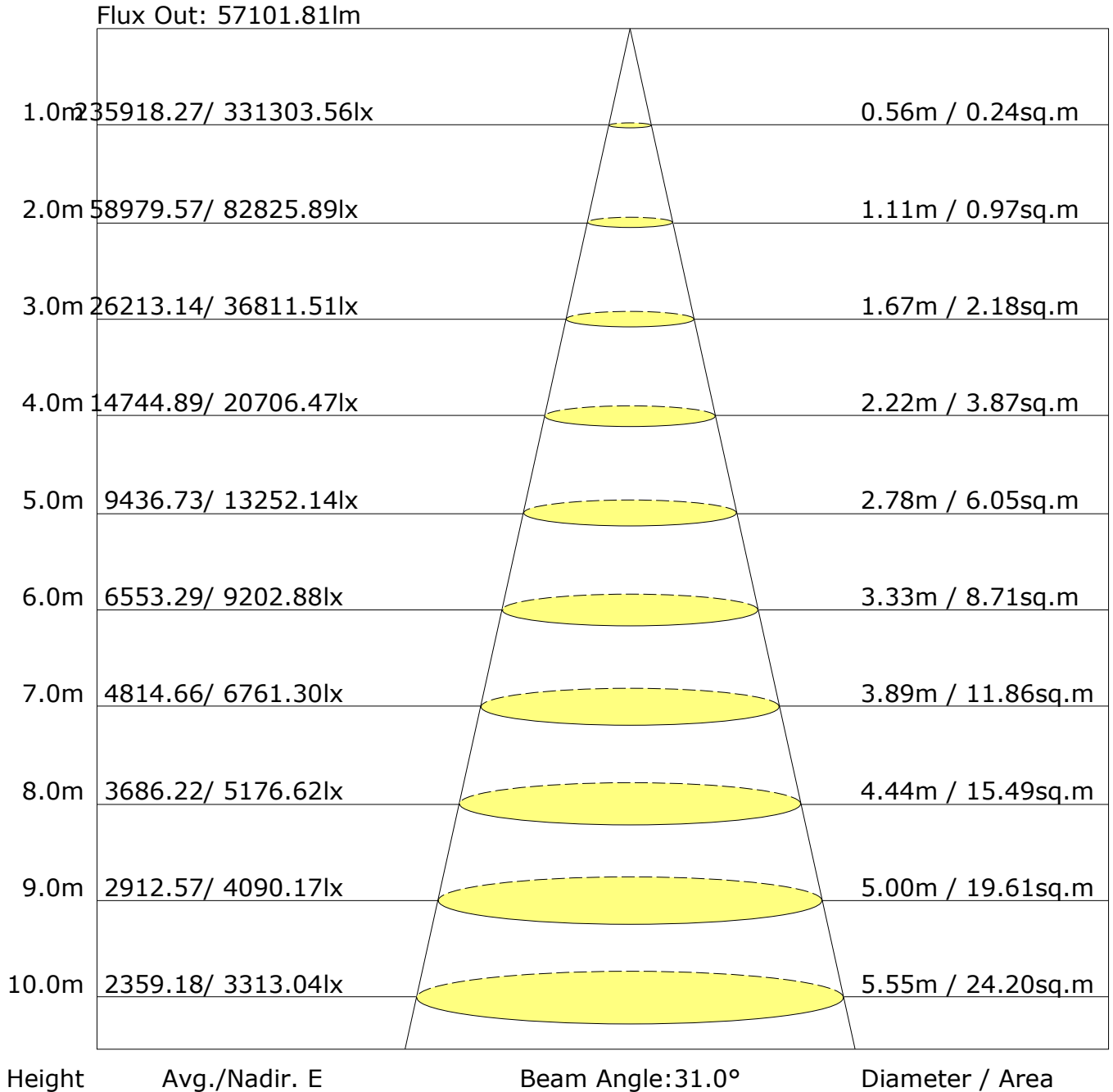
Unit: lm

Vertical plane		Horizontal plane																		
Flux(E)	Flux(T)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
2.2	11.6	23.2	34.4	45.0	54.7	64.2	71.3	76.0	76.8	73.8	68.0	59.6	49.8	38.7	27.4	13.5	2.8	792.8	0.0	0.0
3.9	14.4	27.7	45.8	69.7	90.4	108.1	124.3	135.6	137.3	129.1	113.0	93.0	73.4	54.1	35.5	18.5	4.7	1278.5	0.0	0.0
4.2	16.0	35.2	63.7	94.8	130.0	161.6	183.6	194.2	195.4	187.5	168.3	137.9	102.9	74.9	46.1	20.4	5.0	1821.7	0.0	0.0
4.3	18.0	44.6	83.1	126.9	168.8	209.9	245.4	264.3	264.9	224.7	172.1	117.5	51.3	61.1	95.5	56.4	23.1	5.3	2385.9	0.0
4.5	20.3	54.4	100.2	151.2	210.1	277.4	337.0	377.0	381.1	347.2	288.8	223.4	163.4	114.4	64.2	25.9	5.6	3146.0	0.0	0.0
4.6	22.8	60.7	113.4	178.2	265.5	386.0	543.9	669.2	674.0	561.3	412.4	286.7	194.5	128.0	69.0	28.0	5.8	4604.1	0.0	0.0
4.7	24.7	64.5	122.3	204.0	339.1	518.4	806.8	1086.8	1342.4	1531.4	1676.4	1793.7	1922.6	2013.5	212.2	28.9	5.9	8106.4	434.3	0.0
4.8	26.0	65.9	127.9	225.4	438.8	802.0	1245.6	1860.0	2463.5	3264.0	4026.3	481.7	250.7	140.4	73.2	28.8	6.0	18072.5	569.4	0.0
4.8	26.4	65.1	129.4	237.0	513.0	843.0	1248.5	1853.8	2632.8	3686.5	4776.5	5563.4	6263.0	7140.8	71.8	28.0	6.0	31299.2	115.4	0.0
4.8	26.7	65.7	130.7	240.1	517.8	847.5	1267.3	1880.7	2896.4	4226.1	5534.3	6566.2	7259.9	8139.5	70.9	27.7	5.9	32369.6	202.8	0.0
4.9	26.8	67.4	131.8	234.5	545.0	910.7	1368.7	2032.9	3101.2	4755.4	6479.0	8242.5	10136.3	1270.3	27.9	27.9	5.9	19637.3	233.0	0.0
4.9	26.1	66.9	129.1	214.7	349.1	629.9	1173.8	1741.4	2474.2	3186.1	4186.3	5361.3	6716.2	8279.9	67.6	27.6	5.8	8729.5	387.5	0.0
4.8	24.9	64.8	120.4	187.5	272.7	384.1	537.6	673.5	868.0	1155.3	1539.7	2027.4	2618.6	3317.6	42.6	26.0	5.7	4574.0	50.7	0.0
4.7	22.7	60.3	104.5	159.7	218.8	279.4	331.7	366.7	369.0	336.2	280.3	218.5	156.5	103.8	57.5	23.2	5.5	3099.0	0.0	0.0
4.5	20.5	52.3	90.1	123.5	172.1	215.4	245.1	258.4	257.6	224.2	172.9	112.2	51.3	30.3	87.1	49.1	20.9	5.3	2360.7	0.0
4.3	18.5	41.6	72.4	104.7	131.9	165.7	187.7	192.4	191.3	184.3	165.5	136.7	103.2	69.1	39.0	19.5	4.9	1832.8	0.0	0.0
4.1	15.9	34.0	53.3	73.8	94.5	111.9	125.7	134.5	135.1	128.1	114.6	94.6	73.4	52.1	33.9	17.4	4.7	1301.7	0.0	0.0
2.1	12.3	24.5	35.7	47.6	60.2	71.6	77.6	79.2	78.3	74.9	68.7	60.9	50.5	38.4	26.1	13.5	2.8	824.9	0.0	0.0
77.4	374.5	918.7	1688.2	2718.4	4478.8	6888.0	9574.3	13684.3	19822.0	28952.4	41760.2	5879.0	794.1	992.7	418.9	93.7	146237			
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4306.4	5945.3	8177.3	10464.6	14834.6	1915.9	0.0	0.0	0.0	0.0	0.0	0.0	101993

C Plane (°):0.0-360.0: 22.5
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.320 m [K=8.8652]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5
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 Test Type: TYPE C
 Temperature: 25.6 °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

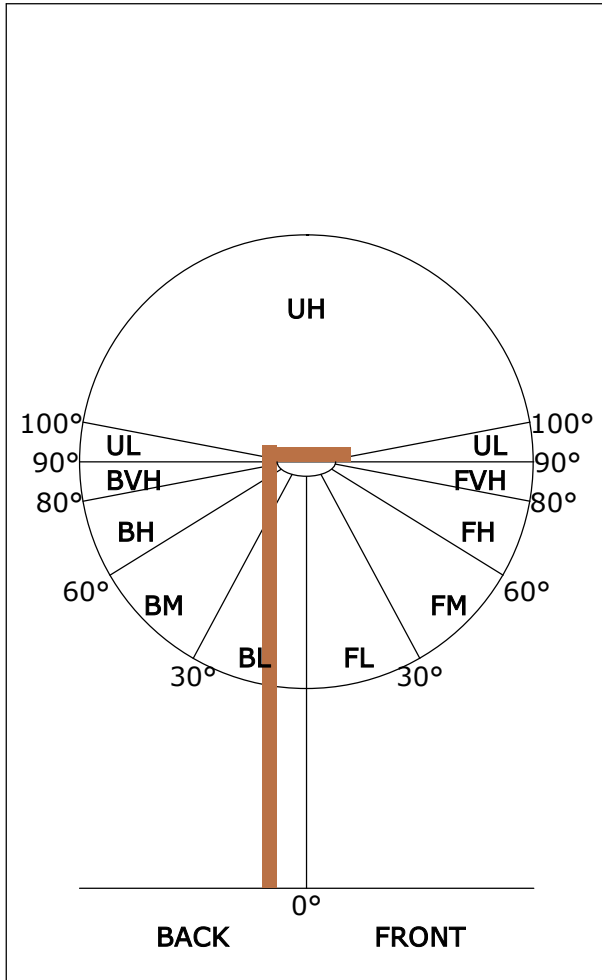
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 146301lm (8log(F/F0) = 17.3).

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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



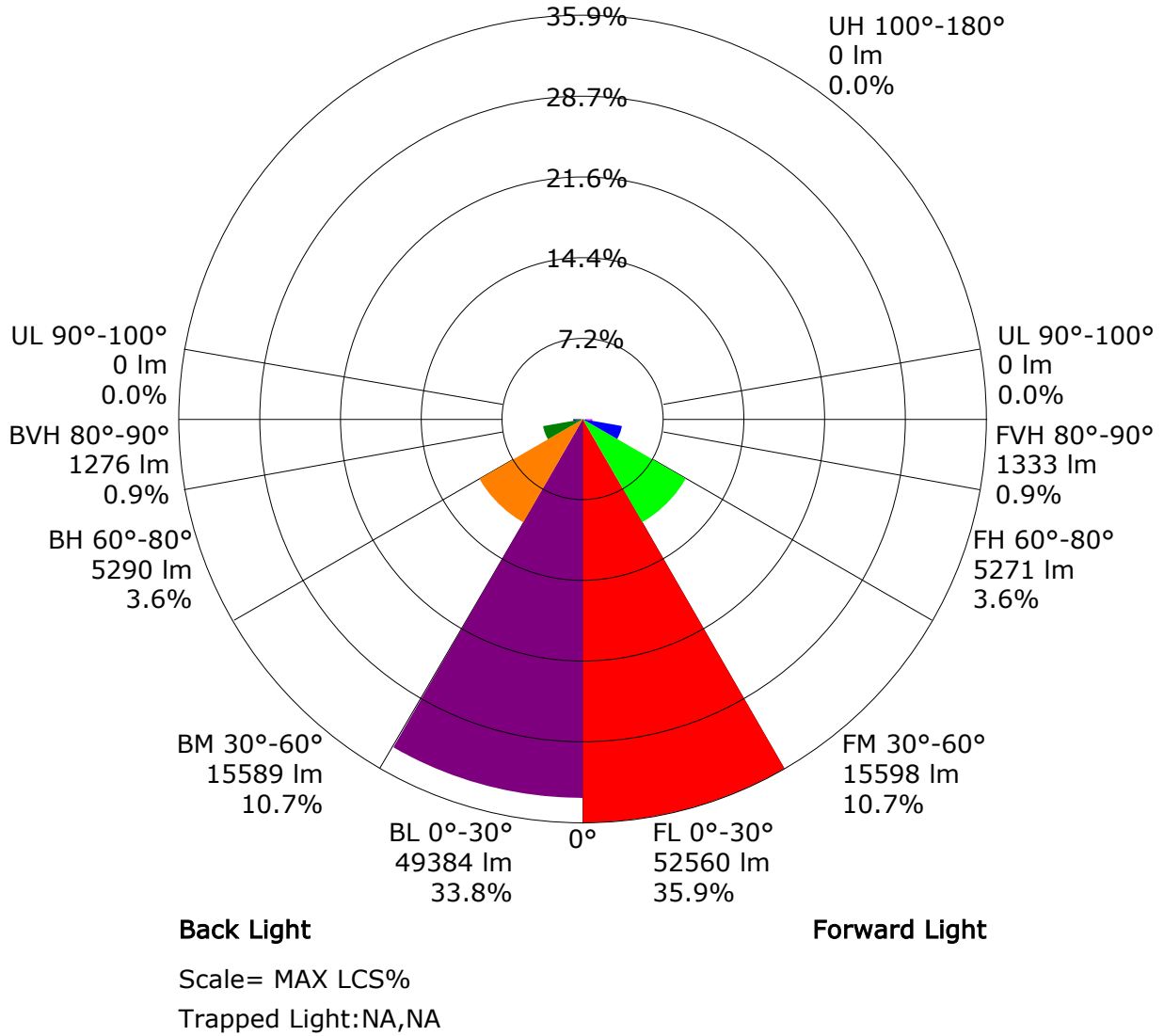
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	74762	51.1
FL (0°-30°)	52560	35.9
FM (30°-60°)	15598	10.7
FH (60°-80°)	5271	3.6
FVH (80°-90°)	1333	0.9
BACK LIGHT	71539	48.9
BL (0°-30°)	49384	33.8
BM (30°-60°)	15589	10.7
BH (60°-80°)	5290	3.6
BVH (80°-90°)	1276	0.9
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

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

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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



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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	0.83	0.89	0.93	0.96	1.00	1.03	1.05	1.08	1.10	
		0.30	0.78	0.84	0.88	0.91	0.96	0.99	1.02	1.05	1.07	
		0.20	0.74	0.80	0.84	0.88	0.93	0.96	0.99	1.03	1.05	
0.50	0.50	0.20	0.81	0.87	0.91	0.93	0.97	1.00	1.02	1.04	1.06	
		0.30	0.77	0.83	0.87	0.90	0.94	0.97	0.99	1.02	1.04	
		0.20	0.74	0.79	0.83	0.86	0.91	0.94	0.96	1.00	1.02	
0.30	0.50	0.20	0.80	0.85	0.89	0.91	0.95	0.97	0.98	1.00	1.02	
		0.30	0.76	0.81	0.85	0.88	0.92	0.94	0.96	0.99	1.00	
		0.20	0.73	0.79	0.82	0.85	0.89	0.92	0.94	0.97	0.99	
0.00	0.00	0.00	0.72	0.77	0.80	0.83	0.86	0.89	0.90	0.93	0.94	

Rating:996W 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	0.63	0.53	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
	0.30		0.53	0.45	0.39	0.35	0.29	0.25	0.21	0.17	0.14	
	0.20		0.45	0.39	0.35	0.31	0.26	0.23	0.20	0.16	0.14	
0.50	0.50	0.20	0.60	0.50	0.43	0.37	0.30	0.29	0.22	0.17	0.14	
	0.30		0.51	0.43	0.38	0.33	0.27	0.23	0.20	0.16	0.13	
	0.20		0.44	0.38	0.34	0.30	0.25	0.22	0.19	0.15	0.13	
0.30	0.50	0.20	0.58	0.47	0.40	0.35	0.28	0.23	0.20	0.16	0.13	
	0.30		0.49	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.13	
	0.20		0.43	0.37	0.33	0.29	0.24	0.21	0.18	0.14	0.12	
0.00	0.00	0.00	0.30	0.25	0.22	0.19	0.16	0.13	0.11	0.09	0.08	
<p>Rating:996W 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	0.13	0.15	0.16	0.17	0.19	0.19	0.20	0.21	0.21
	0.30		0.09	0.11	0.12	0.14	0.15	0.17	0.17	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.13	0.14	0.16	0.17	0.18	0.19	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	0.11	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20
	0.30		0.09	0.10	0.12	0.13	0.14	0.16	0.16	0.17	0.18
	0.20		0.06	0.08	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:996W 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	331057.6	316.8	316.8	0.22	0.22
1.0-2.0	330000.2	947.3	1264.1	0.65	0.86
2.0-3.0	327875.3	1568.3	2832.4	1.07	1.94
3.0-4.0	324605.0	2173.1	5005.6	1.49	3.42
4.0-5.0	319978.0	2753.1	7758.6	1.88	5.30
5.0-6.0	313831.1	3298.5	11057.1	2.25	7.56
6.0-7.0	306026.8	3799.0	14856.1	2.60	10.15
7.0-8.0	296396.2	4242.5	19098.6	2.90	13.05
8.0-9.0	284943.0	4618.6	23717.3	3.16	16.21
9.0-10.0	271666.7	4917.0	28634.2	3.36	19.57
10.0-11.0	256482.9	5125.6	33759.8	3.50	23.08
11.0-12.0	239972.0	5246.5	39006.3	3.59	26.66
12.0-13.0	222209.3	5274.1	44280.4	3.60	30.27
13.0-14.0	203607.5	5212.3	49492.7	3.56	33.83
14.0-15.0	184921.4	5077.4	54570.1	3.47	37.30
15.0-16.0	166407.0	4876.7	59446.8	3.33	40.63
16.0-17.0	148419.7	4622.6	64069.3	3.16	43.79
17.0-18.0	131498.7	4336.3	68405.6	2.96	46.76
18.0-19.0	116069.4	4038.7	72444.3	2.76	49.52
19.0-20.0	102137.5	3738.8	76183.1	2.56	52.07
20.0-21.0	89961.1	3454.9	79638.0	2.36	54.43
21.0-22.0	79680.3	3202.4	82840.4	2.19	56.62
22.0-23.0	70959.0	2977.8	85818.3	2.04	58.66
23.0-24.0	63444.5	2774.2	88592.5	1.90	60.55
24.0-25.0	57065.9	2595.1	91187.6	1.77	62.33
25.0-26.0	51550.3	2433.7	93621.3	1.66	63.99
26.0-27.0	46661.7	2283.2	95904.5	1.56	65.55
27.0-28.0	42331.6	2143.5	98048.0	1.47	67.02
28.0-29.0	38423.4	2010.5	100058.5	1.37	68.39
29.0-30.0	34917.0	1885.5	101944.0	1.29	69.68
30.0-31.0	31922.6	1776.7	103720.8	1.21	70.90
31.0-32.0	29295.8	1678.6	105399.3	1.15	72.04
32.0-33.0	26824.5	1580.5	106979.8	1.08	73.12
33.0-34.0	24618.2	1490.0	108469.9	1.02	74.14
34.0-35.0	22752.7	1413.2	109883.1	0.97	75.11
35.0-36.0	21107.9	1344.2	111227.3	0.92	76.03

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 Distance: 14.320 m [K=8.8652]
 Humidity:
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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	19662.0	1282.5	112509.8	0.88	76.90
37.0-38.0	18384.1	1227.3	113737.1	0.84	77.74
38.0-39.0	17213.7	1175.1	114912.2	0.80	78.54
39.0-40.0	16131.9	1125.2	116037.4	0.77	79.31
40.0-41.0	15158.4	1079.6	117117.0	0.74	80.05
41.0-42.0	14315.4	1040.2	118157.2	0.71	80.76
42.0-43.0	13556.7	1004.4	119161.6	0.69	81.45
43.0-44.0	12930.1	976.0	120137.6	0.67	82.12
44.0-45.0	12361.9	950.2	121087.8	0.65	82.77
45.0-46.0	11822.4	924.7	122012.4	0.63	83.40
46.0-47.0	11371.1	904.5	122917.0	0.62	84.02
47.0-48.0	10959.7	886.1	123803.1	0.61	84.62
48.0-49.0	10592.5	870.0	124673.0	0.59	85.22
49.0-50.0	10207.1	851.1	125524.2	0.58	85.80
50.0-51.0	9847.7	833.3	126357.5	0.57	86.37
51.0-52.0	9536.7	818.5	127175.9	0.56	86.93
52.0-53.0	9175.9	798.3	127974.2	0.55	87.47
53.0-54.0	8844.7	779.7	128753.9	0.53	88.01
54.0-55.0	8606.1	768.3	129522.2	0.53	88.53
55.0-56.0	8323.3	752.2	130274.4	0.51	89.05
56.0-57.0	8015.4	733.0	131007.4	0.50	89.55
57.0-58.0	7816.7	722.9	131730.3	0.49	90.04
58.0-59.0	7594.1	710.1	132440.4	0.49	90.53
59.0-60.0	7313.9	691.1	133131.5	0.47	91.00
60.0-61.0	7116.8	679.3	133810.7	0.46	91.46
61.0-62.0	6905.9	665.5	134476.2	0.45	91.92
62.0-63.0	6677.7	649.5	135125.8	0.44	92.36
63.0-64.0	6460.3	634.0	135759.8	0.43	92.79
64.0-65.0	6298.3	623.4	136383.2	0.43	93.22
65.0-66.0	6133.7	612.1	136995.2	0.42	93.64
66.0-67.0	5916.7	595.0	137590.3	0.41	94.05
67.0-68.0	5674.6	574.9	138165.2	0.39	94.44
68.0-69.0	5501.1	561.3	138726.4	0.38	94.82
69.0-70.0	5373.5	551.9	139278.4	0.38	95.20
70.0-71.0	5118.4	529.1	139807.5	0.36	95.56
71.0-72.0	4851.2	504.5	140312.0	0.34	95.91

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 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	4710.4	492.6	140804.6	0.34	96.24
73.0-74.0	4546.6	478.1	141282.7	0.33	96.57
74.0-75.0	4273.0	451.5	141734.2	0.31	96.88
75.0-76.0	4067.9	431.9	142166.1	0.30	97.17
76.0-77.0	3935.9	419.7	142585.8	0.29	97.46
77.0-78.0	3694.6	395.5	142981.3	0.27	97.73
78.0-79.0	3392.9	364.6	143345.9	0.25	97.98
79.0-80.0	3214.4	346.6	143692.5	0.24	98.22
80.0-81.0	3088.2	334.0	144026.5	0.23	98.45
81.0-82.0	2896.9	314.2	144340.7	0.21	98.66
82.0-83.0	2707.2	294.3	144635.1	0.20	98.86
83.0-84.0	2624.8	286.0	144921.0	0.20	99.06
84.0-85.0	2476.2	270.3	145191.3	0.18	99.24
85.0-86.0	2348.9	256.8	145448.1	0.18	99.42
86.0-87.0	2296.5	251.4	145699.5	0.17	99.59
87.0-88.0	2250.6	246.6	145946.1	0.17	99.76
88.0-89.0	2186.1	239.6	146185.7	0.16	99.92
89.0-90.0	1055.8	115.8	146301.5	0.08	100.00
90.0-91.0	0.0	0.0	146301.5	0.00	100.00
91.0-92.0	0.0	0.0	146301.5	0.00	100.00
92.0-93.0	0.0	0.0	146301.5	0.00	100.00
93.0-94.0	0.0	0.0	146301.5	0.00	100.00
94.0-95.0	0.0	0.0	146301.5	0.00	100.00
95.0-96.0	0.0	0.0	146301.5	0.00	100.00
96.0-97.0	0.0	0.0	146301.5	0.00	100.00
97.0-98.0	0.0	0.0	146301.5	0.00	100.00
98.0-99.0	0.0	0.0	146301.5	0.00	100.00
99.0-100.0	0.0	0.0	146301.5	0.00	100.00
100.0-101.0	0.0	0.0	146301.5	0.00	100.00
101.0-102.0	0.0	0.0	146301.5	0.00	100.00
102.0-103.0	0.0	0.0	146301.5	0.00	100.00
103.0-104.0	0.0	0.0	146301.5	0.00	100.00
104.0-105.0	0.0	0.0	146301.5	0.00	100.00
105.0-106.0	0.0	0.0	146301.5	0.00	100.00
106.0-107.0	0.0	0.0	146301.5	0.00	100.00
107.0-108.0	0.0	0.0	146301.5	0.00	100.00

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 Humidity:
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Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	146301.5	0.00	100.00
109.0-110.0	0.0	0.0	146301.5	0.00	100.00
110.0-111.0	0.0	0.0	146301.5	0.00	100.00
111.0-112.0	0.0	0.0	146301.5	0.00	100.00
112.0-113.0	0.0	0.0	146301.5	0.00	100.00
113.0-114.0	0.0	0.0	146301.5	0.00	100.00
114.0-115.0	0.0	0.0	146301.5	0.00	100.00
115.0-116.0	0.0	0.0	146301.5	0.00	100.00
116.0-117.0	0.0	0.0	146301.5	0.00	100.00
117.0-118.0	0.0	0.0	146301.5	0.00	100.00
118.0-119.0	0.0	0.0	146301.5	0.00	100.00
119.0-120.0	0.0	0.0	146301.5	0.00	100.00
120.0-121.0	0.0	0.0	146301.5	0.00	100.00
121.0-122.0	0.0	0.0	146301.5	0.00	100.00
122.0-123.0	0.0	0.0	146301.5	0.00	100.00
123.0-124.0	0.0	0.0	146301.5	0.00	100.00
124.0-125.0	0.0	0.0	146301.5	0.00	100.00
125.0-126.0	0.0	0.0	146301.5	0.00	100.00
126.0-127.0	0.0	0.0	146301.5	0.00	100.00
127.0-128.0	0.0	0.0	146301.5	0.00	100.00
128.0-129.0	0.0	0.0	146301.5	0.00	100.00
129.0-130.0	0.0	0.0	146301.5	0.00	100.00
130.0-131.0	0.0	0.0	146301.5	0.00	100.00
131.0-132.0	0.0	0.0	146301.5	0.00	100.00
132.0-133.0	0.0	0.0	146301.5	0.00	100.00
133.0-134.0	0.0	0.0	146301.5	0.00	100.00
134.0-135.0	0.0	0.0	146301.5	0.00	100.00
135.0-136.0	0.0	0.0	146301.5	0.00	100.00
136.0-137.0	0.0	0.0	146301.5	0.00	100.00
137.0-138.0	0.0	0.0	146301.5	0.00	100.00
138.0-139.0	0.0	0.0	146301.5	0.00	100.00
139.0-140.0	0.0	0.0	146301.5	0.00	100.00
140.0-141.0	0.0	0.0	146301.5	0.00	100.00
141.0-142.0	0.0	0.0	146301.5	0.00	100.00
142.0-143.0	0.0	0.0	146301.5	0.00	100.00
143.0-144.0	0.0	0.0	146301.5	0.00	100.00

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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	146301.5	0.00	100.00
145.0-146.0	0.0	0.0	146301.5	0.00	100.00
146.0-147.0	0.0	0.0	146301.5	0.00	100.00
147.0-148.0	0.0	0.0	146301.5	0.00	100.00
148.0-149.0	0.0	0.0	146301.5	0.00	100.00
149.0-150.0	0.0	0.0	146301.5	0.00	100.00
150.0-151.0	0.0	0.0	146301.5	0.00	100.00
151.0-152.0	0.0	0.0	146301.5	0.00	100.00
152.0-153.0	0.0	0.0	146301.5	0.00	100.00
153.0-154.0	0.0	0.0	146301.5	0.00	100.00
154.0-155.0	0.0	0.0	146301.5	0.00	100.00
155.0-156.0	0.0	0.0	146301.5	0.00	100.00
156.0-157.0	0.0	0.0	146301.5	0.00	100.00
157.0-158.0	0.0	0.0	146301.5	0.00	100.00
158.0-159.0	0.0	0.0	146301.5	0.00	100.00
159.0-160.0	0.0	0.0	146301.5	0.00	100.00
160.0-161.0	0.0	0.0	146301.5	0.00	100.00
161.0-162.0	0.0	0.0	146301.5	0.00	100.00
162.0-163.0	0.0	0.0	146301.5	0.00	100.00
163.0-164.0	0.0	0.0	146301.5	0.00	100.00
164.0-165.0	0.0	0.0	146301.5	0.00	100.00
165.0-166.0	0.0	0.0	146301.5	0.00	100.00
166.0-167.0	0.0	0.0	146301.5	0.00	100.00
167.0-168.0	0.0	0.0	146301.5	0.00	100.00
168.0-169.0	0.0	0.0	146301.5	0.00	100.00
169.0-170.0	0.0	0.0	146301.5	0.00	100.00
170.0-171.0	0.0	0.0	146301.5	0.00	100.00
171.0-172.0	0.0	0.0	146301.5	0.00	100.00
172.0-173.0	0.0	0.0	146301.5	0.00	100.00
173.0-174.0	0.0	0.0	146301.5	0.00	100.00
174.0-175.0	0.0	0.0	146301.5	0.00	100.00
175.0-176.0	0.0	0.0	146301.5	0.00	100.00
176.0-177.0	0.0	0.0	146301.5	0.00	100.00
177.0-178.0	0.0	0.0	146301.5	0.00	100.00
178.0-179.0	0.0	0.0	146301.5	0.00	100.00
179.0-180.0	0.0	0.0	146301.5	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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°): 121087.75 lm

%lum = 82.8%

%lamp = 82.8%

cone flux(120°): 133131.45 lm

%lum = 91.0%

%lamp = 91.0%

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	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6
G1.0	331068.0	331110.1	331359.0	331068.3	331234.2	331248.1	331192.5	330901.2	330735.6	330571.4
G2.0	330015.3	329784.0	330263.9	329988.8	330082.2	329849.2	329831.8	329791.1	328505.4	328305.9
G3.0	327618.8	327656.6	327962.8	327843.7	328194.6	328020.8	327610.2	327376.7	325693.4	325142.4
G4.0	324335.9	324424.1	324968.6	324715.9	325141.1	324904.3	324444.5	323324.9	321163.7	320500.9
G5.0	319556.9	319727.3	320560.4	320481.1	320769.0	320485.9	319723.7	318232.4	315345.8	313649.1
G6.0	312713.8	314022.1	314488.8	314696.2	314523.3	314488.3	313489.4	311502.5	307699.4	305706.0
G7.0	305178.3	306092.8	307654.8	307361.3	307139.3	306454.7	304922.6	303149.2	297531.8	296243.3
G8.0	295301.6	296602.5	298408.8	297812.0	297742.9	296357.2	295911.4	292742.1	286353.1	285040.1
G9.0	283679.0	285219.7	287222.2	286491.3	286125.8	284944.0	283915.0	280323.1	273692.2	272096.3
G10.0	270146.0	272027.2	274191.8	273675.9	272815.3	271370.0	268711.2	266238.9	258842.5	255712.8
G11.0	255185.0	257342.8	257931.6	257677.5	257825.5	256286.2	253382.4	249254.7	242427.7	239274.0
G12.0	238784.6	241456.6	241865.5	241720.5	240087.5	239872.7	236831.9	232867.2	224932.3	221923.5
G13.0	219599.2	222255.0	222832.8	223978.3	223015.7	220398.1	217421.0	214870.0	205636.2	204421.0
G14.0	201494.4	203385.0	206184.5	205170.4	204458.8	201505.3	200190.0	196248.4	187005.0	185758.2
G15.0	182239.8	184086.7	186971.6	186238.0	184652.8	182127.6	180945.8	176960.7	168069.0	167233.5
G16.0	163636.3	165658.7	167537.0	167430.2	165554.6	163137.8	161993.1	158242.0	150061.1	149634.3
G17.0	145711.5	148018.1	149017.3	148165.6	147775.0	145893.2	144165.2	139162.5	131471.4	131427.3
G18.0	129255.1	131551.6	132535.3	131226.0	130869.8	129299.6	126323.3	123496.5	116261.7	115803.6
G19.0	114350.1	115361.5	116025.6	115518.2	116046.5	112761.5	112299.7	109134.8	102811.2	102486.8
G20.0	99555.9	101326.4	102523.9	102287.7	101695.1	99990.8	98539.9	96826.8	90829.0	90523.8
G21.0	87282.8	89114.7	89535.1	90399.5	90175.1	89062.3	87834.8	85989.6	80550.7	80550.0
G22.0	77392.4	78850.9	79762.4	79563.2	80820.3	79560.5	78379.3	76928.6	71906.9	71874.8
G23.0	68430.0	70217.1	71154.0	71121.1	72298.3	71568.4	70590.0	68464.2	64634.5	63973.1
G24.0	60686.6	62577.9	63765.5	63855.4	64622.9	64462.8	63703.1	61998.0	57459.0	57646.2
G25.0	54328.4	55753.7	57499.9	57710.7	58613.1	58465.3	57663.3	56128.5	51848.9	52355.4
G26.0	48981.5	50504.3	51982.8	52244.1	52867.0	52038.4	52095.5	50772.3	47194.5	47064.6
G27.0	44230.1	45876.6	47006.3	47400.3	47329.1	47121.3	46999.8	45166.4	42637.1	42906.6
G28.0	39742.0	41939.6	42085.3	42902.4	43068.1	42592.0	42223.5	41156.2	38287.5	38831.4
G29.0	36417.5	37892.1	38439.5	38985.8	38945.9	38395.1	37752.6	36813.1	34228.8	35115.4
G30.0	33411.6	34894.4	35001.7	34640.2	35087.4	34461.4	34225.9	33024.9	31222.9	32117.8
G31.0	31070.5	31827.7	32021.4	31886.2	31853.4	31192.6	31157.3	30027.7	28480.2	29382.6
G32.0	28161.6	29203.0	29415.3	29381.2	29035.9	28463.9	27991.6	27516.1	25820.5	26840.8
G33.0	26166.8	26675.0	26975.6	26336.5	25913.0	25541.4	25811.7	25018.4	23687.3	24271.4
G34.0	23839.7	24326.6	24522.0	24371.3	24289.1	23546.8	23381.9	22798.3	21512.5	22517.0
G35.0	22177.4	22710.4	22636.8	22489.2	21943.5	21455.3	21771.3	21743.7	20113.4	20762.6
G36.0	20695.2	21163.2	20709.9	20579.3	20472.3	20458.0	19785.7	19606.8	18700.5	19464.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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	19282.3	19795.6	19462.4	19070.8	18570.8	18685.1	18480.6	18774.2	17232.2	17999.8
G38.0	17938.6	18414.2	18505.9	17894.5	17529.8	17396.9	17439.2	17483.8	15722.3	16936.1
G39.0	17079.8	17212.4	16994.9	16593.5	16433.3	16510.5	16272.9	16304.3	14766.5	15720.4
G40.0	15902.4	16121.1	16080.0	15790.9	15711.6	15000.7	15037.2	15097.1	13907.6	14615.3
G41.0	14946.5	14974.5	15081.9	14739.1	14462.4	14280.4	14565.1	14625.3	12910.3	13966.1
G42.0	14129.3	13993.7	14083.9	13977.9	13726.8	13684.8	13579.3	13862.1	12425.4	13316.8
G43.0	12965.7	13385.9	13404.6	13023.0	12907.9	13117.0	13023.9	13043.4	11885.2	12460.3
G44.0	12674.8	12833.3	12767.0	12939.9	12824.7	12410.6	12551.8	12585.5	10984.8	11949.2
G45.0	11885.2	12045.9	12475.9	11874.3	11880.8	12064.3	11663.2	12030.5	10832.4	11189.4
G46.0	11234.2	11797.2	11671.9	11805.1	11728.2	11496.4	11607.6	11503.2	10292.2	10705.9
G47.0	10541.5	11134.2	11131.2	11223.8	11159.1	11205.5	11121.7	11045.3	10084.4	10429.6
G48.0	10264.5	10692.1	10784.7	10947.0	10784.4	10623.8	10677.4	10851.0	9696.6	10111.9
G49.0	9848.9	10443.5	10396.6	11002.4	10298.6	10305.2	11010.6	10601.3	8948.5	9960.0
G50.0	9322.5	9946.2	10133.2	10227.4	10284.7	10208.2	9969.2	9852.0	8810.0	9269.3
G51.0	9225.6	9642.2	9994.6	9715.3	9785.0	9723.4	9941.5	9588.3	8754.6	9131.1
G52.0	8754.6	9587.0	9772.8	9383.2	9354.8	9681.9	9538.8	9269.2	8283.6	8923.9
G53.0	8214.4	9006.8	8968.8	9078.7	9007.8	9183.3	9247.2	8991.7	7535.6	8647.6
G54.0	8519.1	8744.3	8899.4	8760.4	8688.6	8933.9	8886.2	8561.5	7480.2	8219.4
G55.0	7923.5	8343.7	8580.6	8912.6	8508.1	8781.6	8553.0	8547.6	7327.8	8081.2
G56.0	7563.3	8081.2	8455.9	8400.6	8077.9	8504.6	8247.5	8256.2	6898.4	7915.5
G57.0	7341.7	7901.7	8067.7	8193.0	7786.4	7798.1	8122.6	8173.0	6676.8	7445.8
G58.0	6732.2	7639.2	7915.2	7860.8	7897.4	8033.6	8011.5	7978.7	6427.4	7390.5
G59.0	6690.6	7114.3	7610.3	7390.3	7494.9	7950.5	7914.3	7756.7	6178.1	7169.5
G60.0	6787.6	7183.3	7125.1	7501.0	6995.3	7493.4	7192.3	7465.3	5914.9	6865.6
G61.0	6205.8	6713.7	7208.3	7307.2	7231.2	7493.4	7025.7	7520.8	5804.1	6727.5
G62.0	5859.5	6617.0	7125.1	7155.0	6787.1	7077.9	6984.0	6785.4	5568.6	6451.2
G63.0	5610.2	6962.3	6279.5	6310.8	6592.8	7050.2	6581.4	6785.4	5416.2	6368.3
G64.0	6011.9	6326.9	6279.5	6352.3	6440.1	6980.9	6470.3	5980.6	4779.0	6133.5
G65.0	5430.1	6299.2	6432.0	6850.5	6495.6	6745.5	5734.4	6521.7	4889.8	5940.1
G66.0	5194.6	5774.3	6335.0	6656.8	6356.8	6496.1	5762.2	5814.1	4418.9	5898.6
G67.0	5083.8	5926.2	6057.7	6421.5	5954.3	6163.7	4526.4	5647.5	4571.2	5415.1
G68.0	4017.1	5221.7	5655.7	6283.1	5010.5	6163.7	5067.9	5827.9	4737.5	5207.9
G69.0	5083.8	5180.3	5586.4	5549.6	5773.9	5942.1	5387.3	5633.7	3823.2	4986.9
G70.0	4377.3	4807.3	5018.1	5480.4	5232.6	5734.3	5248.4	5827.9	4585.1	4752.1
G71.0	3435.3	4807.3	5059.7	4982.2	5274.2	5415.8	5387.3	4648.5	4405.0	4558.7
G72.0	3546.2	4862.6	4754.7	5425.1	4913.3	4473.9	5040.2	5009.2	3961.7	4392.9
G73.0	3906.3	4379.1	5170.6	5272.8	5010.5	4875.6	5012.4	5175.8	3144.5	4600.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	3767.8	4641.5	5059.7	3542.9	4469.2	4750.9	4443.1	4148.9	3393.8	4310.0
G75.0	4003.3	4102.8	4227.9	4456.3	4288.8	4099.9	4359.8	4398.7	3296.8	3329.2
G76.0	3629.3	3356.8	3687.3	4248.7	4469.2	4390.8	4332.0	4495.8	3283.0	3370.6
G77.0	3407.6	3840.3	3715.0	4359.4	4441.4	3698.2	4012.7	3954.7	2867.4	3398.3
G78.0	2299.5	3619.3	3784.4	3888.9	3927.9	3989.1	3415.6	3260.9	2105.5	2956.2
G79.0	2548.8	2389.8	3950.7	3598.3	3483.8	3296.6	3443.4	3274.7	2244.1	2320.8
G80.0	2728.9	3260.1	2911.0	3764.3	3830.7	3379.7	3221.3	3136.0	2354.9	2541.8
G81.0	2451.8	2997.7	3146.7	3321.5	3192.3	3462.8	3082.4	3011.1	1980.9	2901.0
G82.0	2590.4	2141.2	3008.1	2449.6	3414.4	3158.0	3221.3	3233.1	1994.7	2500.3
G83.0	2119.4	2914.8	3202.1	3017.0	2748.1	3116.5	2846.4	2775.2	1593.0	2072.1
G84.0	2119.4	2735.2	2717.0	2892.5	2942.4	2881.0	2776.9	2469.9	1897.8	2155.0
G85.0	2174.8	2445.1	2315.0	2809.4	2401.2	2825.6	2957.4	2428.3	1648.4	1864.9
G86.0	2036.3	2500.3	2661.5	2546.5	2220.7	2645.6	2221.6	2012.0	1468.3	1851.1
G87.0	1412.9	2113.6	2495.2	2269.7	2081.9	2673.3	2499.3	2275.7	1509.9	2155.0
G88.0	1593.0	2445.1	2412.0	2435.8	2456.7	2673.3	2152.1	2456.1	1468.3	1920.2
G89.0	1939.3	2210.3	2356.6	2283.5	2526.1	2008.4	1374.6	1928.8	1288.3	2072.1
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: 25.6 '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: 25.6 '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: 25.6 '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	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6	331303.6			
G1.0	330402.5	330141.0	330332.0	330430.9	330595.4	330595.9	331068.0			
G2.0	328101.4	327954.4	328069.6	328671.8	328887.6	328916.9	330015.3			
G3.0	324580.4	324549.9	325085.5	325569.2	325971.8	326114.0	327618.8			
G4.0	319742.6	319996.7	320519.2	321109.2	321056.6	322020.5	324335.9			
G5.0	313269.0	313768.9	314315.0	315236.3	315294.5	316511.8	319556.9			
G6.0	305409.2	305686.7	306639.7	306994.9	308088.3	309518.3	312713.8			
G7.0	296038.4	296483.4	296327.3	297645.5	299104.8	299860.6	305178.3			
G8.0	283618.0	284152.4	284946.0	286523.1	286803.0	289176.0	295301.6			
G9.0	270255.0	270894.2	271746.7	273447.6	273959.6	276673.7	283679.6			
G10.0	255519.6	255989.0	256965.0	258945.6	259158.5	262339.8	270146.0			
G11.0	238746.5	239630.8	240420.6	240939.2	242524.6	245952.3	255185.6			
G12.0	221571.4	222054.6	223168.4	223376.1	225140.9	228648.9	238784.6			
G13.0	204049.7	202665.5	203542.8	205452.8	207326.8	208931.0	219599.2			
G14.0	183838.8	184535.8	185194.1	187058.6	186610.8	190406.6	201494.4			
G15.0	165790.4	166336.8	166928.7	168567.4	169810.3	171479.7	182239.8			
G16.0	148393.5	149231.2	149773.6	151322.9	150899.2	154079.2	163636.3			
G17.0	131980.8	132693.0	133423.6	132873.2	134029.3	137039.5	145711.5			
G18.0	116593.9	117192.8	117601.0	117360.0	118381.2	121359.6	129255.1			
G19.0	103133.8	102509.1	102541.7	103938.4	104454.8	105735.2	114350.1			
G20.0	90200.5	89929.0	90272.2	91056.9	90639.5	93094.1	99555.9			
G21.0	79443.5	79494.0	79127.0	79768.3	79531.7	81604.8	87282.8			
G22.0	71417.4	70789.0	69911.0	70668.1	70340.0	72141.4	77392.4			
G23.0	63724.0	63315.7	62541.0	61858.8	62384.1	64107.2	68430.0			
G24.0	57458.3	57157.1	56017.6	55431.9	55858.3	57141.4	60686.6			
G25.0	52204.6	51123.1	50271.5	50237.8	50790.3	51271.9	54328.4			
G26.0	47020.2	46611.4	45927.3	45570.0	45819.6	46651.1	48981.5			
G27.0	43027.9	42473.4	41638.5	41553.2	41987.4	42474.5	44230.1			
G28.0	39132.6	38778.3	38224.1	38242.8	38377.4	39199.7	39742.0			
G29.0	35639.4	35553.6	34421.1	35126.3	35142.3	35897.2	36417.5			
G30.0	32908.6	32135.3	32047.8	32328.4	32601.3	32469.9	33411.6			
G31.0	29803.5	29713.4	29813.2	30056.8	30116.0	30541.1	31070.5			
G32.0	27433.0	27609.8	27786.8	27494.4	28213.8	28154.4	28161.6			
G33.0	25090.4	25464.7	25802.0	25430.6	25936.7	25740.0	26166.8			
G34.0	22927.9	23361.1	24192.0	23879.2	24339.9	24116.5	23839.7			
G35.0	21666.4	21520.4	21721.4	22438.7	22673.8	22340.4	22177.4			
G36.0	20030.7	20122.6	20444.5	20707.3	21299.2	21049.9	20695.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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	18367.2	19112.3	19320.3	19945.5	19841.3	19953.7	19282.3			
G38.0	17424.6	17894.5	18223.8	18297.3	18661.1	18635.5	17938.6			
G39.0	16246.4	16787.3	17238.3	17064.5	17716.9	17497.6	17079.8			
G40.0	15303.7	16012.3	15878.1	16468.9	16370.1	16484.7	15902.4			
G41.0	14208.6	14808.3	15031.5	15430.1	15578.7	15679.9	14946.5			
G42.0	13515.5	14088.6	14406.9	14349.7	14801.1	14861.2	14129.3			
G43.0	12933.3	13341.3	13699.1	13643.3	14162.4	14014.8	12965.7			
G44.0	12365.0	12732.3	13019.0	13324.7	13412.6	13376.5	12674.8			
G45.0	12087.7	12123.4	12214.0	12729.1	12968.3	12765.9	11885.2			
G46.0	11394.6	11805.1	12019.6	12258.2	12121.4	12044.4	11234.2			
G47.0	11006.5	11556.0	11492.2	11801.1	11579.9	11877.9	10541.5			
G48.0	10673.8	10864.0	11186.9	11316.3	11218.9	11628.1	10264.5			
G49.0	10285.7	10241.2	10492.9	10970.0	11024.5	10809.4	9848.9			
G50.0	10063.9	10255.1	10187.6	10291.3	10635.7	10531.9	9322.5			
G51.0	9731.2	9743.0	9951.6	9945.1	10094.2	10171.1	9225.6			
G52.0	8885.6	9715.3	9715.6	9501.8	9872.0	9796.5	8754.6			
G53.0	8622.2	9493.9	9132.7	9474.1	9497.2	9491.2	8214.4			
G54.0	8691.5	8954.2	8896.8	8920.1	9233.3	9047.2	8519.1			
G55.0	8455.9	8649.7	9035.6	8546.1	8802.9	8908.4	7923.5			
G56.0	8150.9	8151.5	8522.0	8463.0	8344.7	8353.4	7563.3			
G57.0	7416.2	8248.3	8313.8	8130.6	7900.4	8589.2	7341.7			
G58.0	7471.7	7805.5	8091.7	8324.5	8178.1	8270.1	6732.2			
G59.0	7139.0	7514.8	7467.2	7812.0	7789.3	7992.6	6690.6			
G60.0	6958.8	7459.5	7481.1	7507.3	7497.8	7631.8	6787.6			
G61.0	7041.9	7293.4	7245.1	7410.3	7067.3	7382.0	6205.8			
G62.0	6737.0	6836.7	6953.6	7022.5	6748.0	7604.1	5859.5			
G63.0	6626.1	6809.0	6939.7	7022.5	6748.0	7271.0	5610.2			
G64.0	6390.4	6283.1	6662.2	6842.4	6400.9	7021.3	6011.9			
G65.0	6362.7	6601.4	5982.1	6357.6	6775.8	6771.5	5430.1			
G66.0	5420.1	6518.4	6120.9	6329.9	6275.9	6716.0	5194.6			
G67.0	5974.5	6324.6	6329.1	6413.0	5887.1	6549.5	5083.8			
G68.0	5600.3	5840.3	5315.8	6302.2	6039.9	6049.9	4017.1			
G69.0	5669.6	5494.3	6134.7	5900.6	5637.2	5911.2	5083.8			
G70.0	5323.0	5286.7	5787.8	5429.6	5526.1	5841.8	4377.3			
G71.0	4574.5	5286.7	5232.6	5512.7	5192.9	5758.5	3435.3			
G72.0	4158.6	4470.2	4899.5	5457.3	5151.2	5189.6	3546.2			
G73.0	4075.5	5079.1	5121.5	5235.7	3915.5	5050.9	3906.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	4352.7	4567.0	4955.0	4792.5	4582.0	4690.1	3767.8			
G75.0	3770.5	4746.9	4469.2	4155.3	3915.5	4648.5	4003.3			
G76.0	3909.1	3999.6	4316.5	4058.4	4012.7	4343.2	3629.3			
G77.0	3895.2	3266.1	4191.6	4169.2	4262.6	4565.2	3407.6			
G78.0	3853.7	3944.3	3969.5	3393.5	3596.1	4176.7	2299.5			
G79.0	3326.9	2920.1	3830.7	4044.5	4137.7	3580.0	2548.8			
G80.0	3382.3	3238.4	3469.9	2756.4	2860.3	3635.5	2728.9			
G81.0	3326.9	2726.4	3372.7	3407.4	2707.5	3260.9	2451.8			
G82.0	2190.2	2754.1	3081.2	3116.5	2568.7	2927.8	2590.4			
G83.0	2037.7	2864.8	2664.9	2299.3	3137.9	2872.3	2119.4			
G84.0	2162.5	2491.1	2817.5	2978.0	2763.1	2914.0	2119.4			
G85.0	2037.7	2394.2	1554.5	2825.6	2735.3	2109.2	2174.8			
G86.0	2342.7	2463.4	2678.7	2604.0	2346.5	3038.8	2036.3			
G87.0	2301.1	2477.3	2539.9	2243.9	2360.4	2442.2	1412.9			
G88.0	2564.5	2255.8	2539.9	2382.4	1985.5	2428.3	1593.0			
G89.0	2398.1	2103.6	2401.2	2174.6	2568.7	2150.8	1939.3			
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: 25.6 '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: 25.6 °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: 25.6 '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