

Report No.: 3

Test Time: 2015/1/7 10:44

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: LT-I51216-N108A6

Current: 0.078 A

Power Factor: 0.961

Voltage: 220.0 V

Power: 16.50 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1665 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H111.7

Vertical Diffuse Angle(50%): V147.1

Luminaire Efficacy Rating (LER): 1665

Max. Intensity: 475.68 cd

Total Rated Lamp Lumens: 1665.0 lm

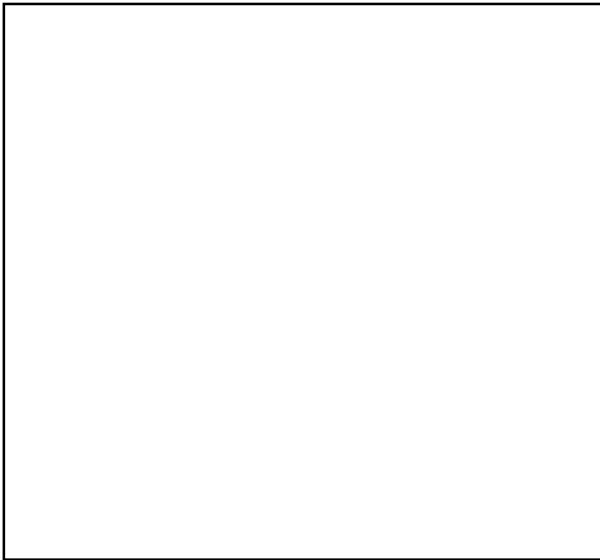
Efficiency: 100%

Upward Ratio: 0%

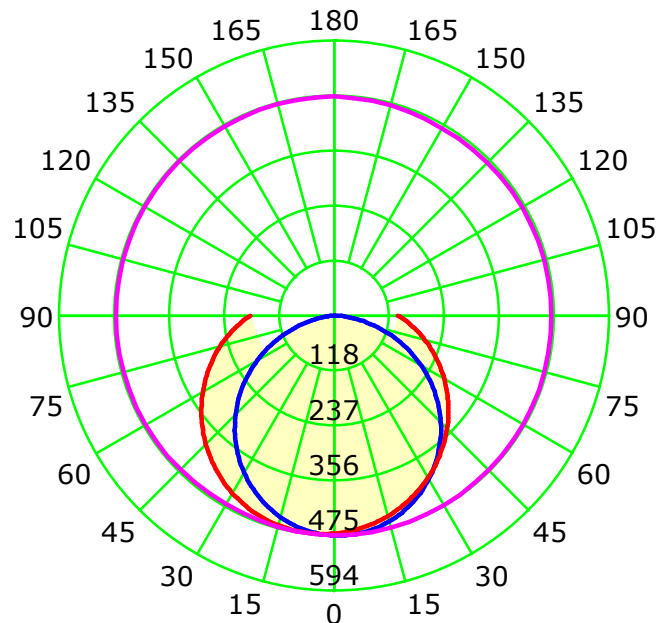
Central Intensity: 475.32 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 129.4° Unit: cd

— C0-C180 — C90-C270 — G2

C Plane (°): 0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

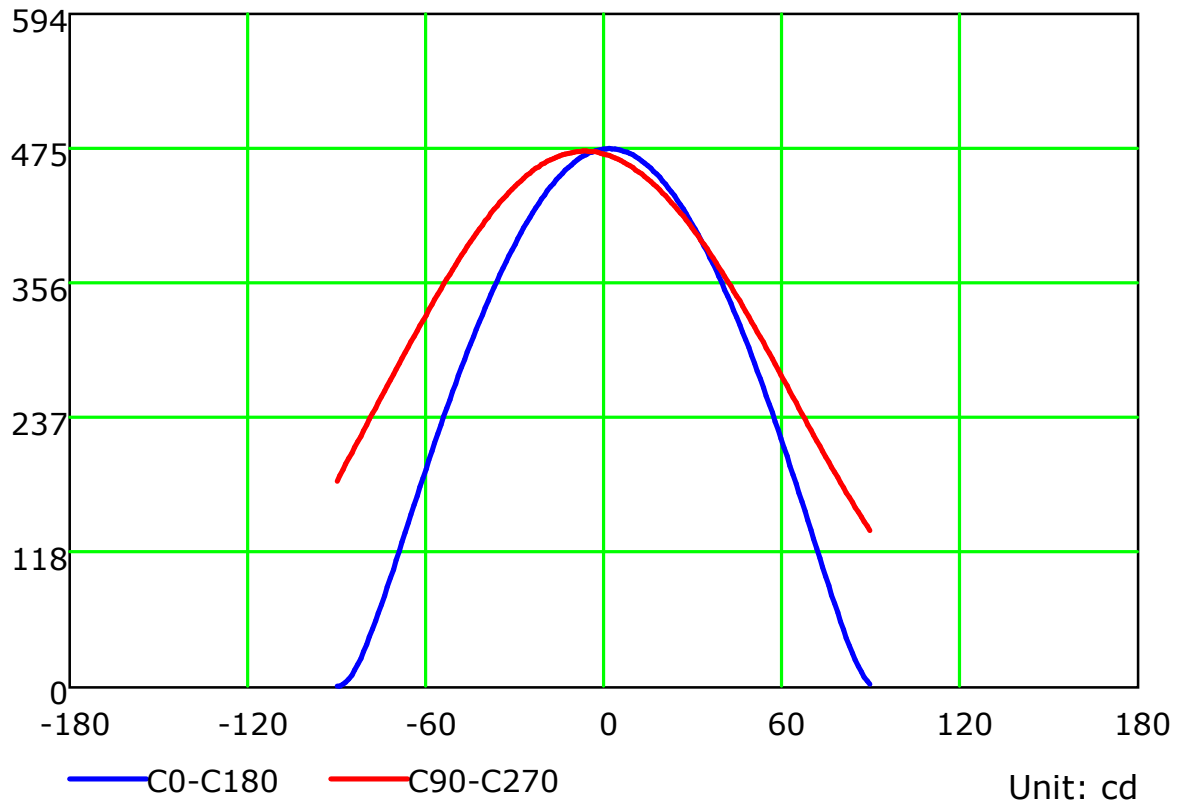
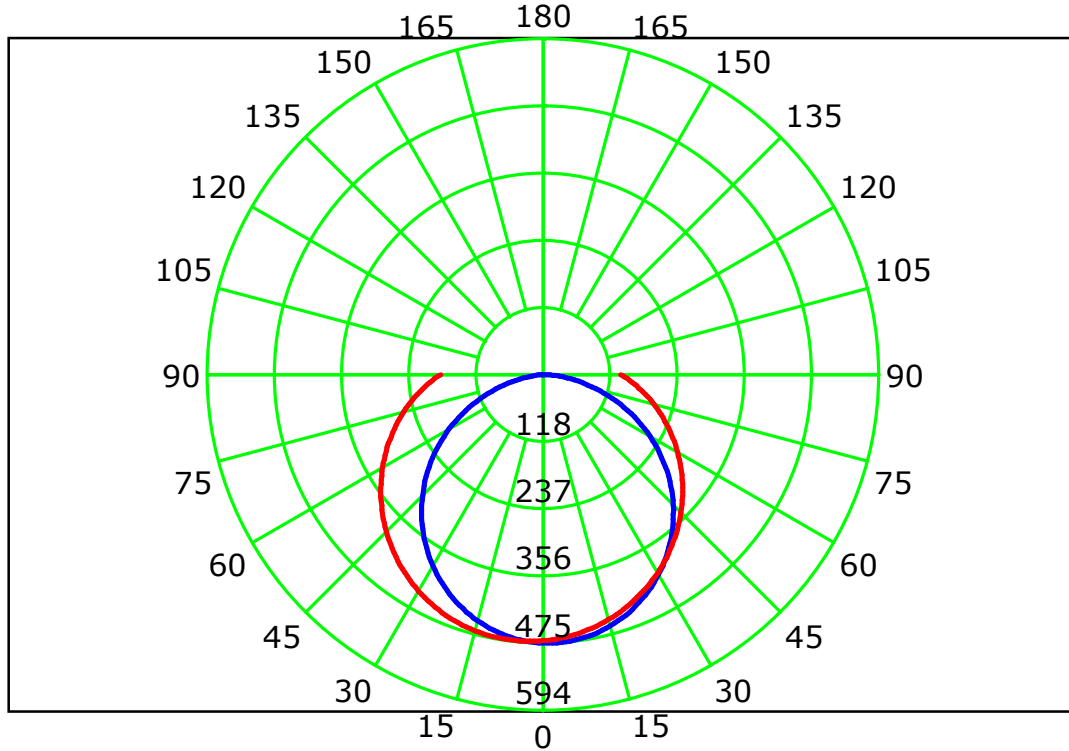
Test Device: GPM-1800B

Distance: 8.038 m

Humidity:

Inspector:

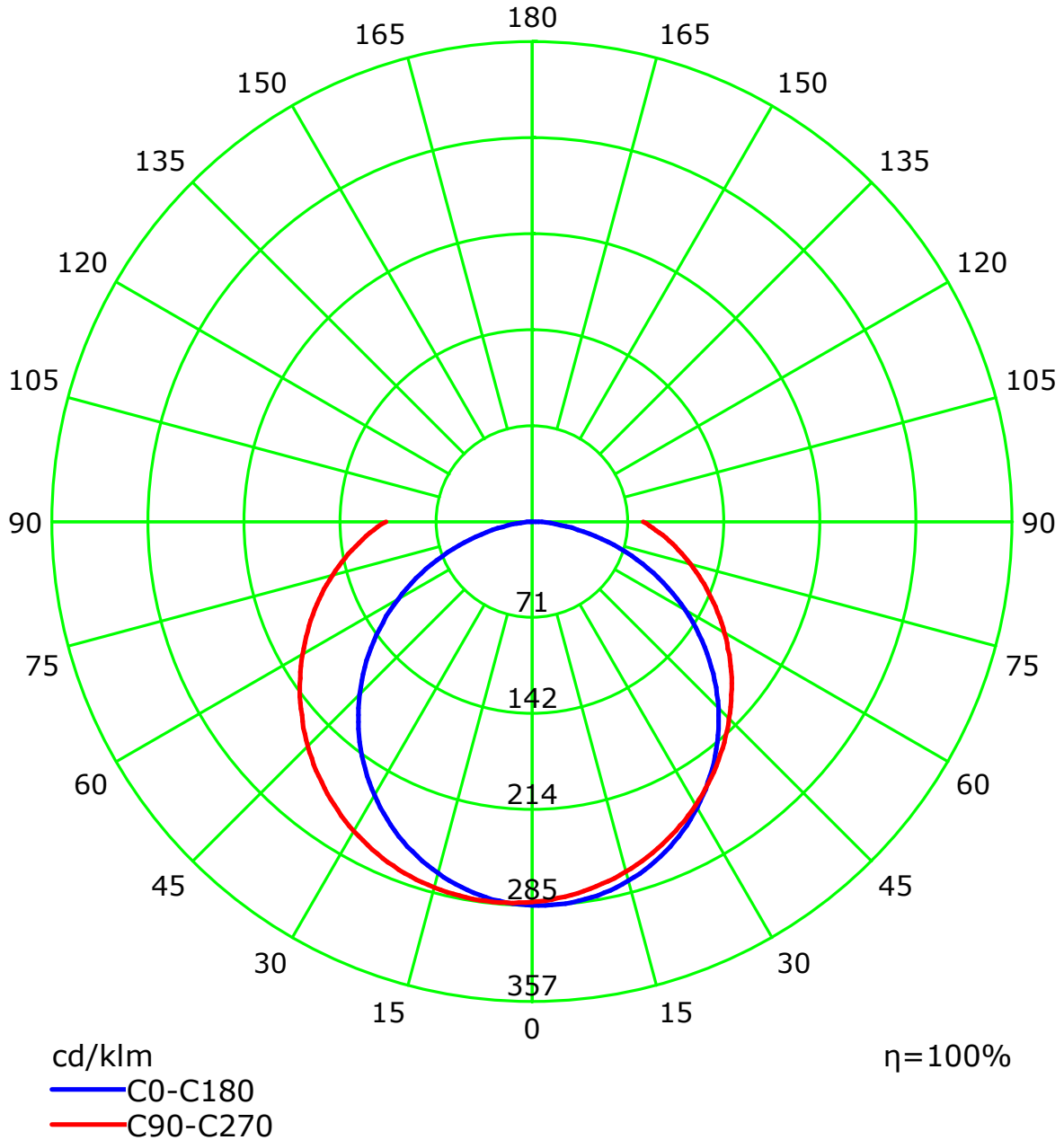
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

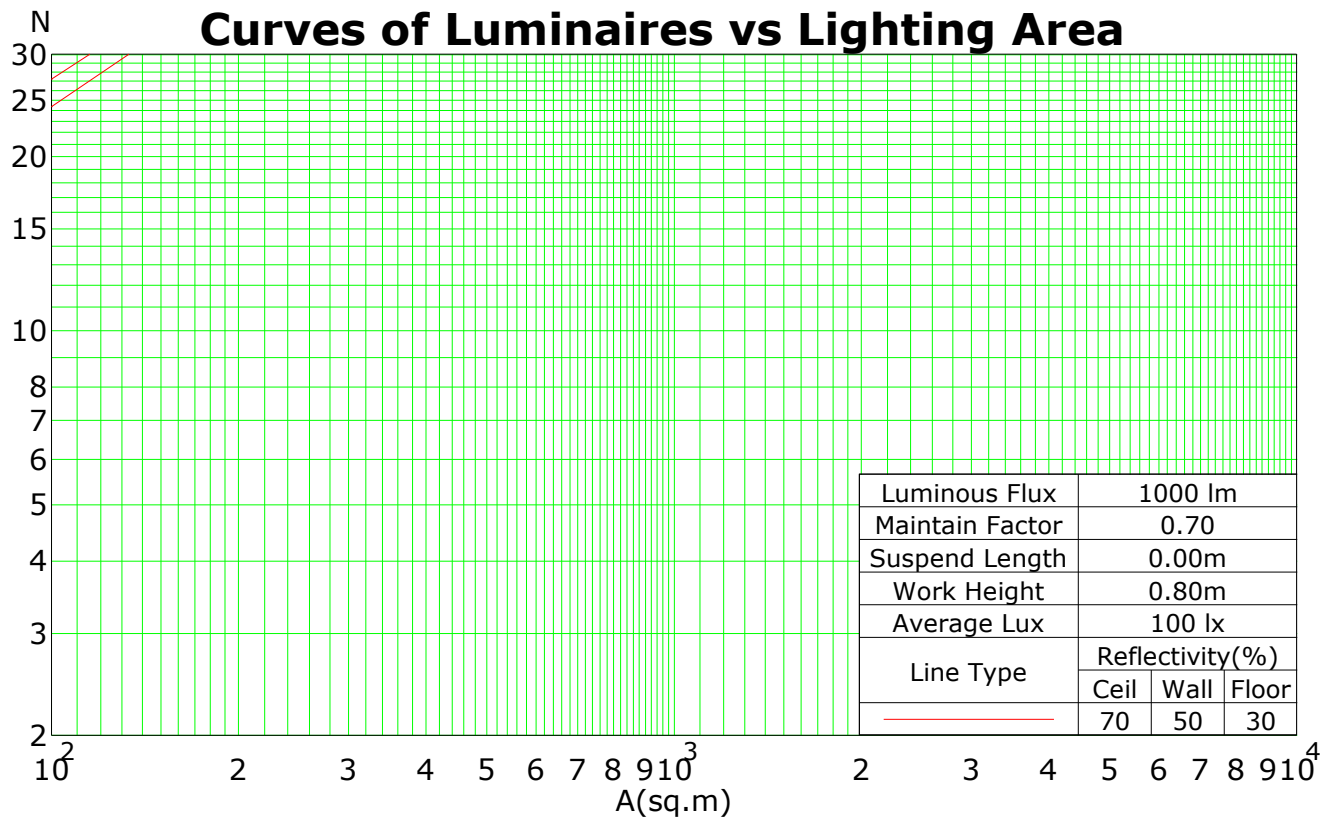
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	95	85	77	70	92	83	76	70	80	73	68	76	71	66	73	69	65	62
3	86	74	65	57	83	72	64	57	69	62	56	66	60	55	64	58	54	51
4	78	65	55	48	76	64	55	48	61	53	47	59	52	46	56	50	45	43
5	72	58	48	41	70	57	47	41	54	46	40	52	45	40	50	44	39	37
6	66	52	42	35	64	51	42	35	49	41	35	47	40	34	46	39	34	32
7	61	47	38	31	60	46	37	31	44	36	31	43	36	30	42	35	30	28
8	57	43	34	28	55	42	33	27	41	33	27	39	32	27	38	32	27	25
9	53	39	31	25	52	39	30	25	37	30	24	36	29	24	35	29	24	22
10	50	36	28	22	49	36	28	22	35	27	22	34	27	22	33	26	22	20

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.34

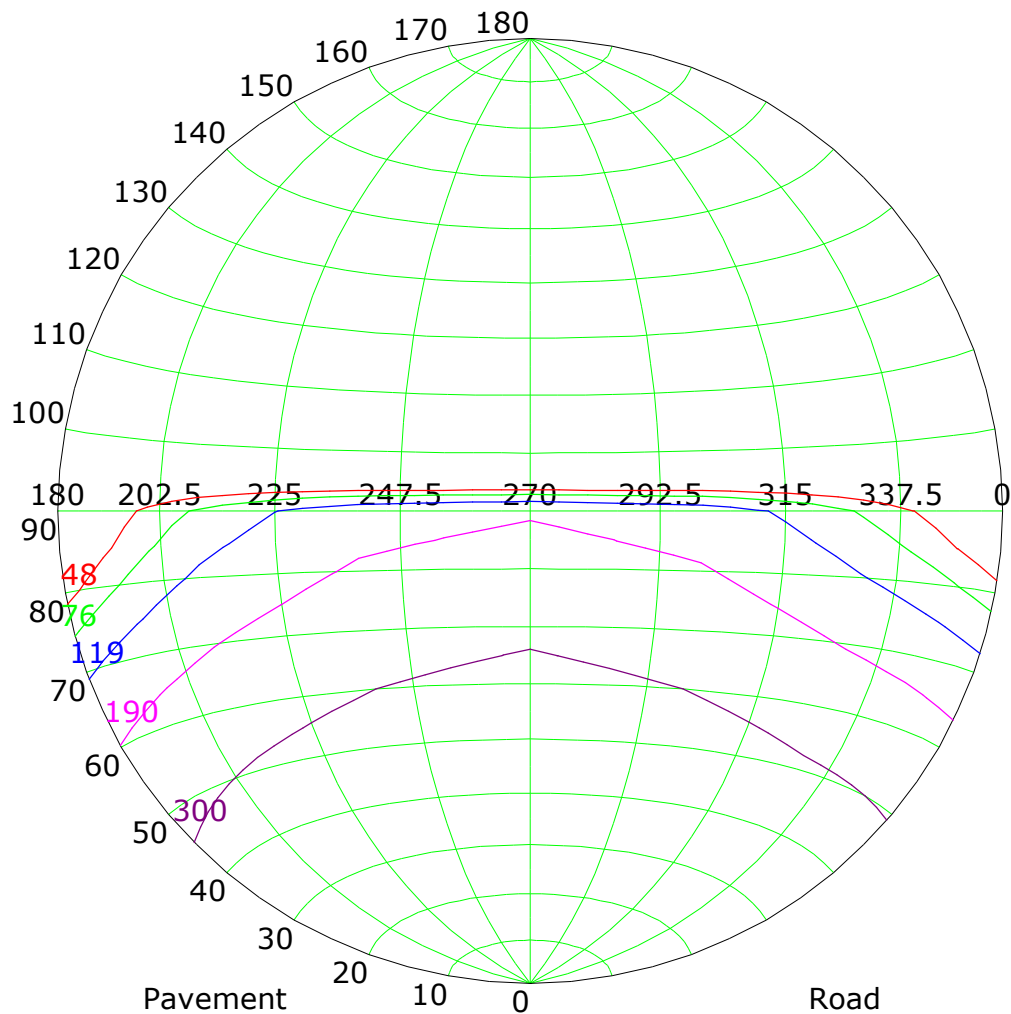
Spacing Criteria (Diagonal): 1.43



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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Isocandela (sphere)



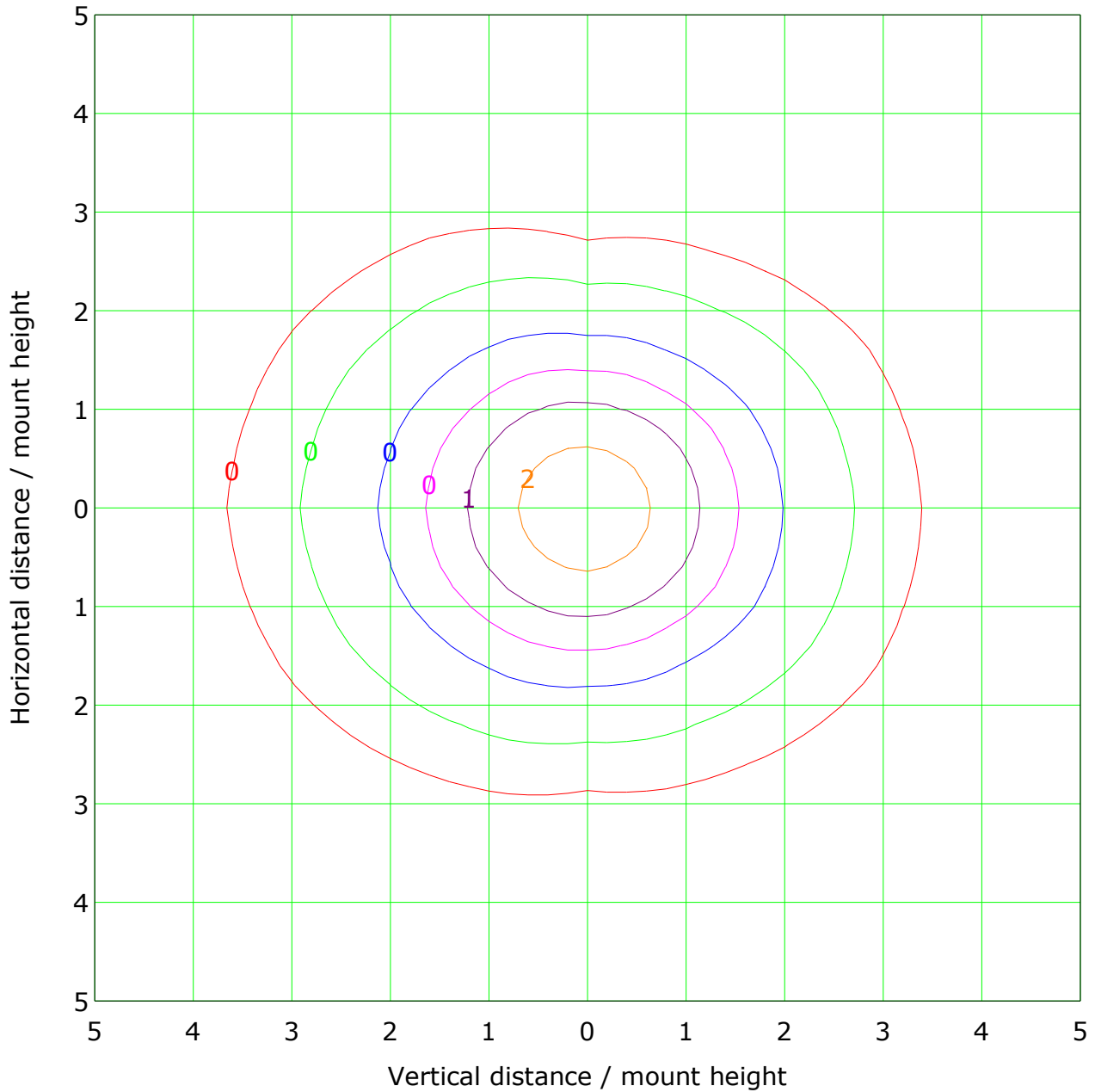
Imax (100%): 476 cd

(10%):	48 cd	(16%):	76 cd
(25%):	119 cd	(40%):	190 cd
(63%):	300 cd	(100%):	476 cd

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.8 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.2 lx	(10%): 0.5 lx
(20%): 1.0 lx	(50%): 2.4 lx
(100%): 4.8 lx	

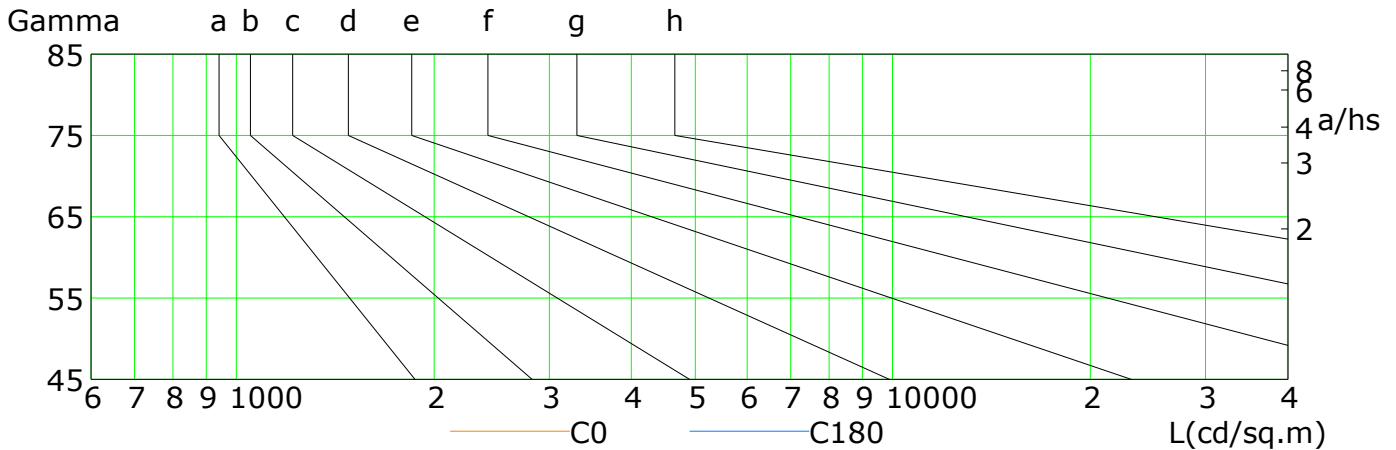
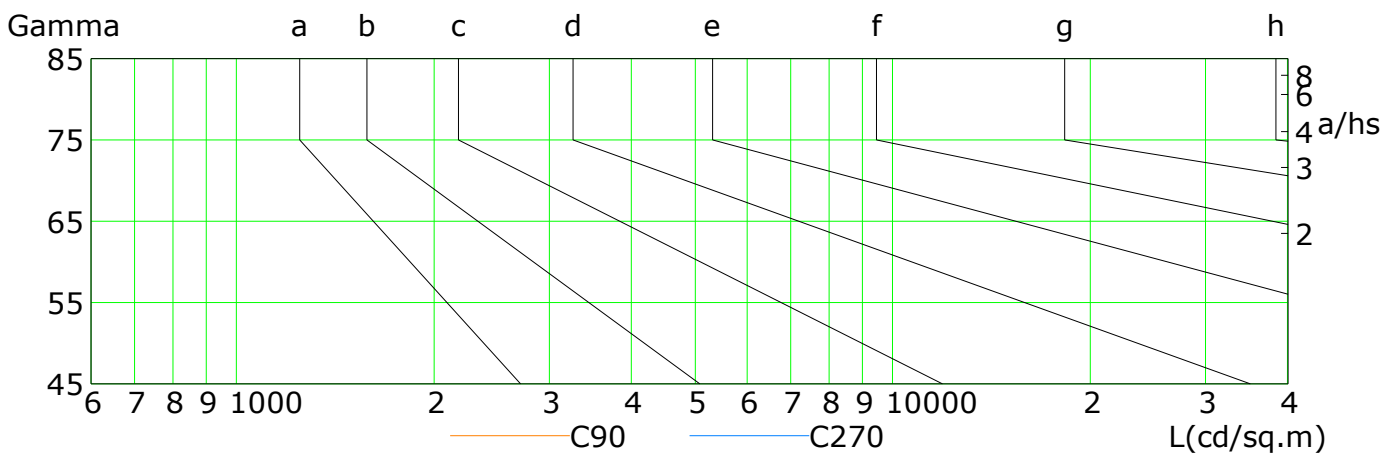
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

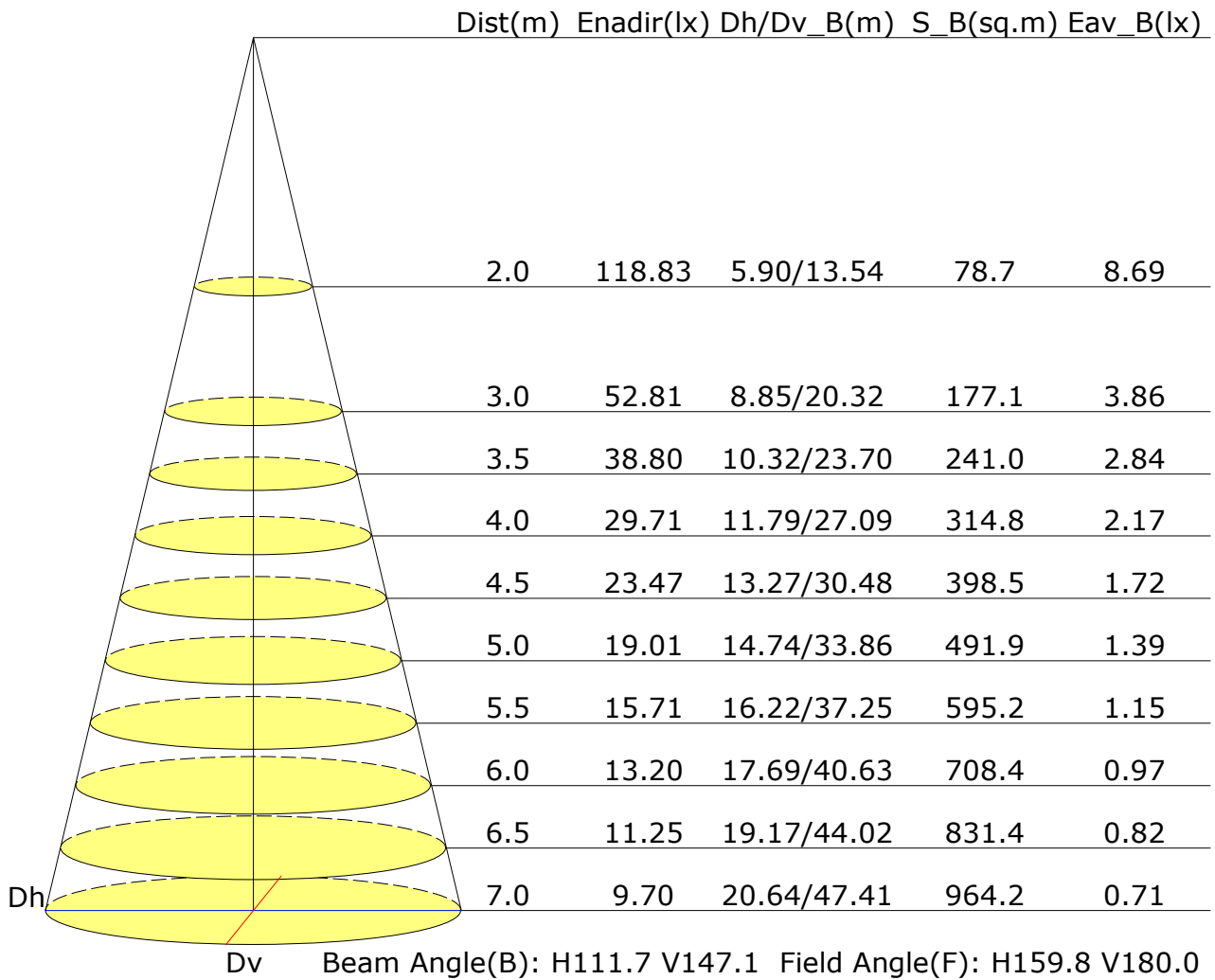


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	326	293	257	219	179	139	97	57	23
C90	345	323	299	275	251	227	203	180	158
C180	302	268	231	192	152	112	72	37	10
C270	393	373	351	328	305	281	256	231	207

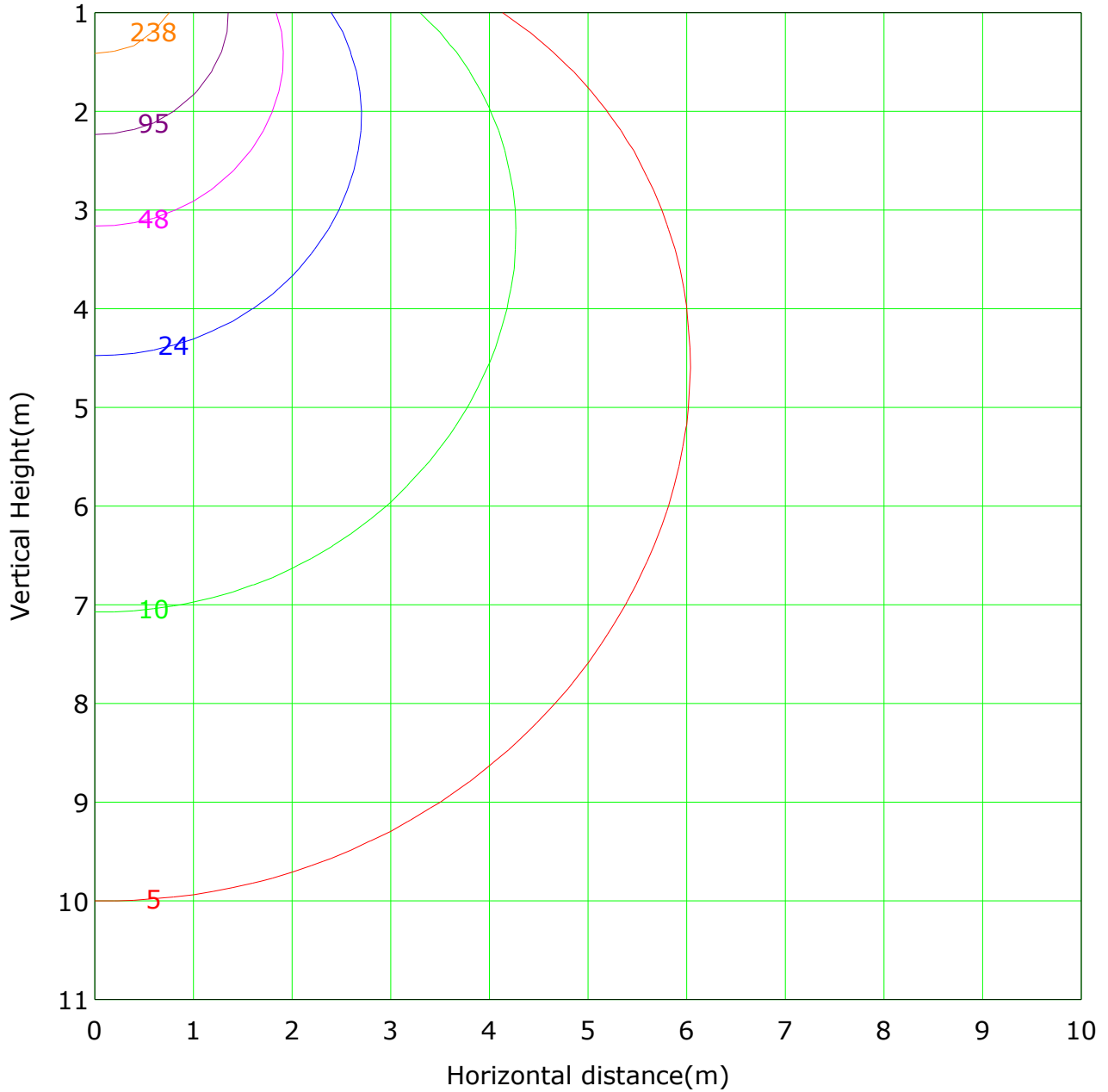
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



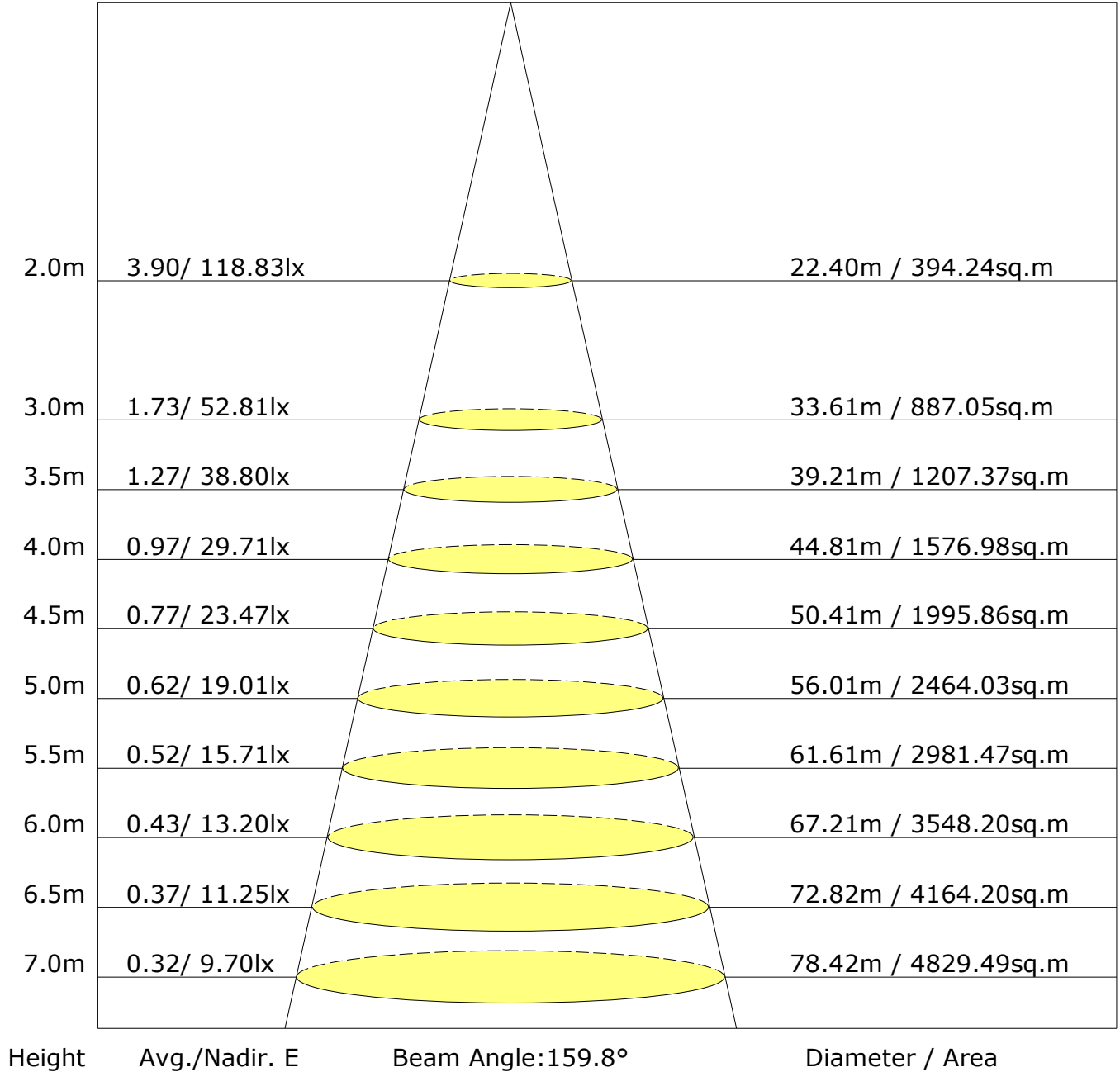
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 475.3 lx
— (1%): 4.8 lx — (2%): 9.5 lx
— (5%): 23.8 lx — (10%): 47.5 lx
— (20%): 95.1 lx — (50%): 237.7 lx
— (100%): 475.3 lx

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 1536.60lm



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

Gamma Plane (°): 0.0-90.0: 1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

UGR Table

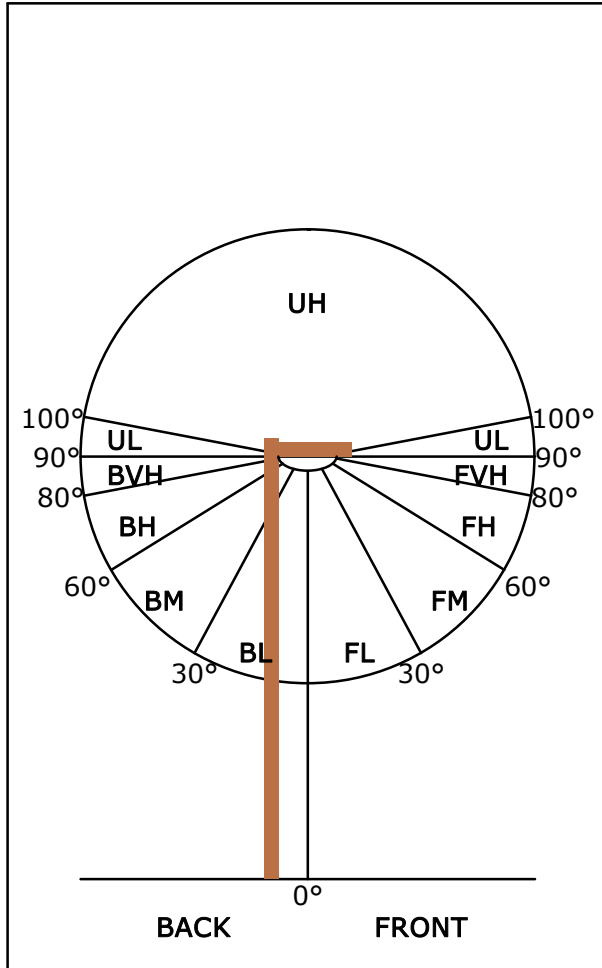
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



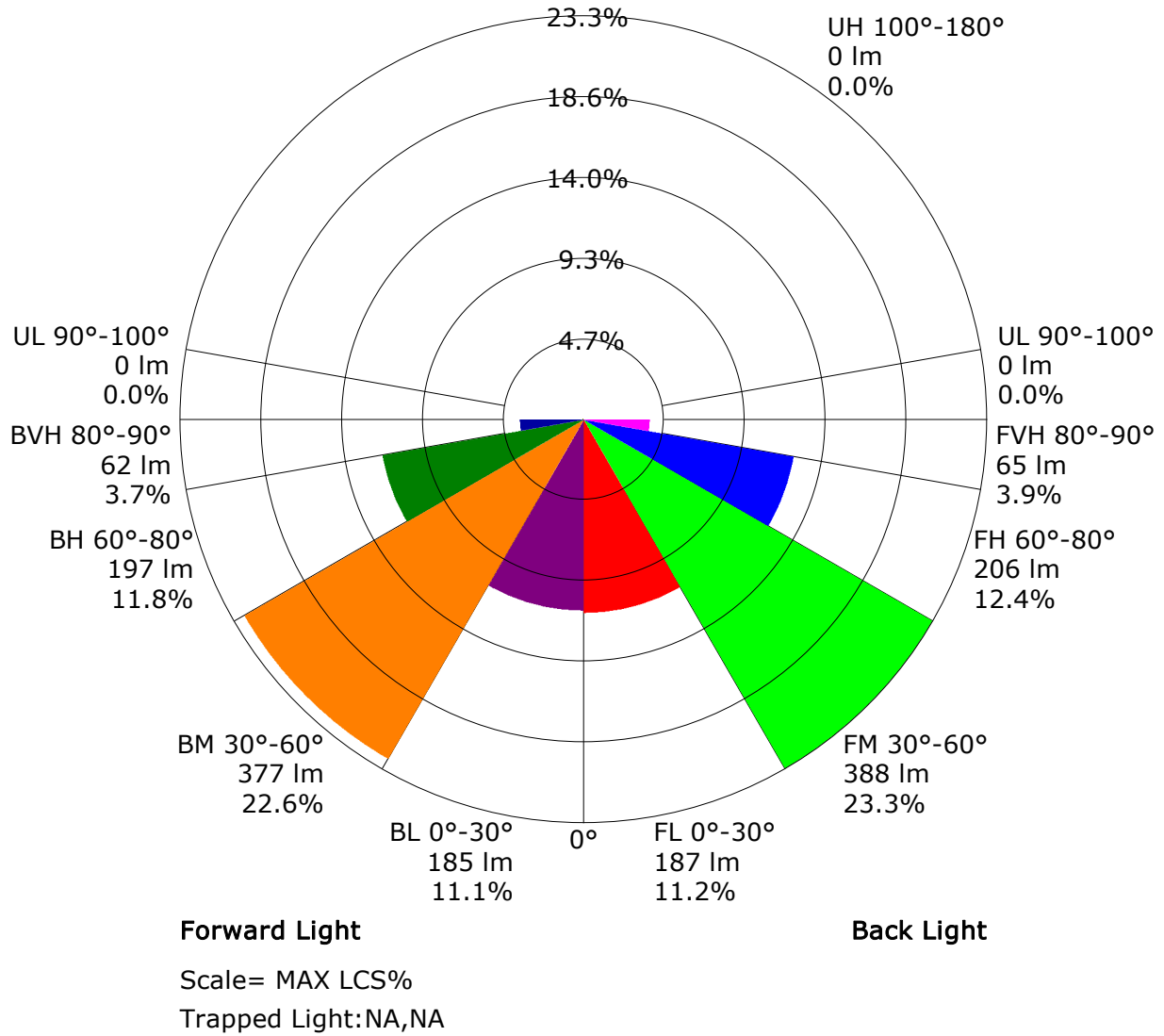
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	845	50.7
FL (0°-30°)	187	11.2
FM (30°-60°)	388	23.3
FH (60°-80°)	206	12.4
FVH (80°-90°)	65	3.9
BACK LIGHT	820	49.3
BL (0°-30°)	185	11.1
BM (30°-60°)	377	22.6
BH (60°-80°)	197	11.8
BVH (80°-90°)	62	3.7
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight, Uplight, Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V, Area Light)	B1 U1 G1

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.54	0.62	0.69	0.75	0.82	0.87	0.91	0.96	0.99	
	0.30		0.46	0.54	0.61	0.67	0.75	0.80	0.85	0.90	0.95	
	0.20		0.40	0.47	0.55	0.60	0.69	0.75	0.79	0.86	0.90	
0.50	0.50	0.20	0.52	0.60	0.67	0.72	0.79	0.83	0.87	0.92	0.95	
	0.30		0.45	0.52	0.60	0.65	0.72	0.78	0.82	0.87	0.91	
	0.20		0.40	0.47	0.54	0.59	0.67	0.73	0.77	0.83	0.88	
0.30	0.50	0.20	0.51	0.58	0.64	0.69	0.76	0.80	0.83	0.88	0.91	
	0.30		0.44	0.51	0.58	0.63	0.70	0.75	0.79	0.84	0.88	
	0.20		0.39	0.46	0.53	0.58	0.66	0.71	0.75	0.81	0.85	
0.00	0.00	0.00	0.37	0.43	0.50	0.55	0.62	0.67	0.71	0.76	0.80	
Rating:0W 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 = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	1.04	0.90	0.78	0.69	0.57	0.48	0.42	0.34	0.28	
	0.30		0.87	0.77	0.68	0.61	0.51	0.44	0.39	0.32	0.27	
	0.20		0.74	0.67	0.60	0.55	0.47	0.41	0.36	0.30	0.26	
0.50	0.50	0.20	1.00	0.87	0.75	0.66	0.55	0.49	0.41	0.32	0.27	
	0.30		0.85	0.75	0.66	0.60	0.50	0.43	0.38	0.31	0.26	
	0.20		0.74	0.67	0.59	0.54	0.46	0.40	0.36	0.29	0.25	
0.30	0.50	0.20	0.98	0.84	0.72	0.64	0.52	0.45	0.39	0.31	0.26	
	0.30		0.83	0.74	0.65	0.58	0.48	0.42	0.37	0.30	0.25	
	0.20		0.73	0.66	0.58	0.53	0.45	0.39	0.35	0.29	0.24	
0.00	0.00	0.00	0.63	0.57	0.50	0.45	0.38	0.33	0.29	0.24	0.20	
Rating:0W 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(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	
	0.30		0.10	0.11	0.13	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.04	0.06	0.07	0.08	0.10	0.12	0.13	0.15	0.16	
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		0.04	0.06	0.07	0.08	0.10	0.12	0.13	0.14	0.16	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21	
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		0.04	0.06	0.07	0.08	0.10	0.11	0.12	0.14	0.15	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Rating:0W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	472.1	0.5	0.5	0.03	0.03
1.0-2.0	472.0	1.4	1.8	0.08	0.11
2.0-3.0	471.7	2.3	4.1	0.14	0.24
3.0-4.0	471.3	3.2	7.2	0.19	0.43
4.0-5.0	470.7	4.0	11.3	0.24	0.68
5.0-6.0	470.1	4.9	16.2	0.30	0.97
6.0-7.0	469.2	5.8	22.0	0.35	1.32
7.0-8.0	468.2	6.7	28.7	0.40	1.73
8.0-9.0	467.1	7.6	36.3	0.45	2.18
9.0-10.0	465.8	8.4	44.7	0.51	2.69
10.0-11.0	464.4	9.3	54.0	0.56	3.24
11.0-12.0	462.8	10.1	64.1	0.61	3.85
12.0-13.0	461.2	10.9	75.1	0.66	4.51
13.0-14.0	459.4	11.8	86.8	0.71	5.22
14.0-15.0	457.4	12.6	99.4	0.75	5.97
15.0-16.0	455.3	13.3	112.7	0.80	6.77
16.0-17.0	453.1	14.1	126.9	0.85	7.62
17.0-18.0	450.8	14.9	141.7	0.89	8.51
18.0-19.0	448.3	15.6	157.3	0.94	9.45
19.0-20.0	445.7	16.3	173.6	0.98	10.43
20.0-21.0	443.0	17.0	190.7	1.02	11.45
21.0-22.0	440.2	17.7	208.3	1.06	12.51
22.0-23.0	437.2	18.3	226.7	1.10	13.62
23.0-24.0	434.1	19.0	245.7	1.14	14.76
24.0-25.0	430.9	19.6	265.3	1.18	15.93
25.0-26.0	427.5	20.2	285.5	1.21	17.14
26.0-27.0	424.1	20.8	306.2	1.25	18.39
27.0-28.0	420.6	21.3	327.5	1.28	19.67
28.0-29.0	416.9	21.8	349.3	1.31	20.98
29.0-30.0	413.1	22.3	371.6	1.34	22.32
30.0-31.0	409.2	22.8	394.4	1.37	23.69
31.0-32.0	405.2	23.2	417.6	1.39	25.08
32.0-33.0	401.1	23.6	441.3	1.42	26.50
33.0-34.0	396.9	24.0	465.3	1.44	27.94
34.0-35.0	392.6	24.4	489.7	1.46	29.41
35.0-36.0	388.2	24.7	514.4	1.48	30.89

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	383.7	25.0	539.4	1.50	32.40
37.0-38.0	379.1	25.3	564.7	1.52	33.92
38.0-39.0	374.4	25.6	590.3	1.54	35.45
39.0-40.0	369.6	25.8	616.1	1.55	37.00
40.0-41.0	364.8	26.0	642.0	1.56	38.56
41.0-42.0	359.8	26.1	668.2	1.57	40.13
42.0-43.0	354.8	26.3	694.5	1.58	41.71
43.0-44.0	349.7	26.4	720.9	1.59	43.30
44.0-45.0	344.5	26.5	747.3	1.59	44.89
45.0-46.0	339.3	26.5	773.9	1.59	46.48
46.0-47.0	334.0	26.6	800.4	1.60	48.07
47.0-48.0	328.6	26.6	827.0	1.60	49.67
48.0-49.0	323.2	26.5	853.6	1.59	51.26
49.0-50.0	317.6	26.5	880.0	1.59	52.86
50.0-51.0	312.0	26.4	906.4	1.59	54.44
51.0-52.0	306.5	26.3	932.7	1.58	56.02
52.0-53.0	300.8	26.2	958.9	1.57	57.59
53.0-54.0	295.0	26.0	984.9	1.56	59.15
54.0-55.0	289.2	25.8	1010.8	1.55	60.71
55.0-56.0	283.5	25.6	1036.4	1.54	62.24
56.0-57.0	277.6	25.4	1061.8	1.52	63.77
57.0-58.0	271.7	25.1	1086.9	1.51	65.28
58.0-59.0	265.8	24.9	1111.7	1.49	66.77
59.0-60.0	259.9	24.6	1136.3	1.47	68.25
60.0-61.0	254.0	24.2	1160.5	1.46	69.70
61.0-62.0	248.0	23.9	1184.4	1.44	71.14
62.0-63.0	242.0	23.5	1208.0	1.41	72.55
63.0-64.0	235.9	23.2	1231.1	1.39	73.94
64.0-65.0	229.9	22.8	1253.9	1.37	75.31
65.0-66.0	224.0	22.4	1276.2	1.34	76.65
66.0-67.0	218.0	21.9	1298.2	1.32	77.97
67.0-68.0	211.9	21.5	1319.6	1.29	79.26
68.0-69.0	205.9	21.0	1340.6	1.26	80.52
69.0-70.0	200.0	20.5	1361.2	1.23	81.75
70.0-71.0	194.0	20.1	1381.2	1.20	82.96
71.0-72.0	188.2	19.6	1400.8	1.18	84.13

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	475.3	473.5	472.7	471.0	471.0	468.9	475.3	473.5	472.7	471.0
G1.0	475.6	473.2	472.3	470.3	470.5	468.4	475.0	473.7	473.1	471.6
G2.0	475.7	472.9	471.7	469.6	469.8	467.6	474.5	473.7	473.2	472.3
G3.0	475.4	472.3	471.1	468.5	469.0	466.7	473.8	473.5	473.2	472.9
G4.0	475.3	471.3	470.0	467.4	467.9	465.7	472.8	473.1	473.3	473.1
G5.0	474.9	470.6	469.3	466.4	467.0	464.6	471.8	472.7	473.1	473.3
G6.0	474.2	469.7	468.1	464.9	465.7	463.0	470.6	472.2	472.9	473.4
G7.0	473.4	468.6	467.0	463.6	464.5	461.6	469.0	471.4	472.5	473.5
G8.0	472.3	467.0	465.8	462.1	462.9	459.9	467.3	470.4	471.9	473.3
G9.0	471.2	465.5	464.3	460.6	461.3	458.0	465.5	469.5	471.2	473.0
G10.0	470.1	463.8	462.7	458.7	459.5	456.1	463.4	468.4	470.4	472.6
G11.0	468.5	461.8	461.2	456.9	457.8	454.0	461.4	466.9	469.4	472.2
G12.0	466.7	459.9	459.4	455.2	455.8	451.7	458.9	465.0	468.3	471.6
G13.0	464.9	457.8	457.5	453.3	453.6	449.4	456.5	463.3	467.2	471.0
G14.0	462.8	455.6	455.5	451.2	451.2	446.7	453.9	461.5	465.9	470.1
G15.0	460.7	453.2	453.4	448.9	449.0	443.7	451.1	459.6	464.5	469.1
G16.0	458.1	450.5	451.3	446.7	446.6	441.0	448.1	457.3	463.0	468.1
G17.0	455.7	447.8	449.0	444.3	444.1	438.2	445.1	455.0	461.3	467.1
G18.0	453.2	445.1	446.6	441.9	441.2	434.8	441.9	452.6	459.5	465.9
G19.0	450.5	442.2	444.2	439.1	438.6	431.4	438.3	450.2	457.7	464.5
G20.0	447.3	439.2	441.4	436.5	435.6	428.1	434.8	447.3	455.7	463.1
G21.0	444.3	435.8	438.7	433.9	432.8	424.5	431.2	444.5	453.5	461.6
G22.0	440.9	432.3	436.0	431.1	429.7	420.8	427.4	441.5	451.2	459.8
G23.0	437.5	428.9	433.0	428.0	426.4	416.8	423.2	438.5	448.9	458.2
G24.0	433.9	425.3	429.8	425.1	423.2	412.8	419.0	435.1	446.4	456.2
G25.0	429.9	421.3	426.6	422.0	419.6	408.9	414.8	431.7	443.9	454.0
G26.0	426.2	417.4	423.4	418.9	416.2	404.8	410.1	428.2	441.1	452.0
G27.0	422.3	413.6	420.1	415.8	412.6	400.7	405.6	424.6	438.5	449.6
G28.0	418.0	409.4	416.7	412.3	409.0	396.0	401.0	420.7	435.6	447.3
G29.0	413.4	404.7	413.1	409.0	405.4	391.6	396.2	417.0	432.6	445.0
G30.0	409.0	400.3	409.5	405.5	401.5	386.9	391.2	412.8	429.5	442.5
G31.0	404.5	395.9	405.9	402.0	397.6	382.3	386.2	408.8	426.4	439.7
G32.0	399.7	391.4	401.9	398.3	393.4	377.2	381.0	404.4	423.0	437.1
G33.0	394.9	386.8	398.2	394.7	389.3	372.2	375.8	400.1	419.4	434.3
G34.0	389.5	381.6	394.2	390.9	385.2	367.1	370.1	395.6	416.0	431.1
G35.0	384.5	376.8	390.1	387.1	380.9	361.9	364.6	391.1	412.5	428.2
G36.0	379.3	371.9	385.9	383.2	376.5	356.6	358.9	386.5	408.7	425.2

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	374.0	366.6	381.7	379.2	372.2	351.4	353.3	381.9	405.1	422.0
G38.0	368.2	361.6	377.6	374.8	367.9	345.6	347.0	376.9	401.1	418.6
G39.0	362.5	356.5	373.3	370.9	363.2	340.3	341.0	372.0	397.3	415.0
G40.0	356.8	350.9	369.0	366.9	358.7	334.6	335.0	366.8	393.0	411.7
G41.0	351.0	345.4	364.4	362.8	353.8	328.9	328.9	361.5	389.1	408.2
G42.0	345.2	339.7	359.8	358.2	349.2	322.9	322.3	356.4	384.9	404.5
G43.0	338.8	334.2	355.4	354.0	344.6	317.1	316.0	351.0	380.5	400.8
G44.0	332.6	328.6	350.7	349.7	339.5	311.3	309.5	345.6	376.3	397.0
G45.0	326.4	322.6	346.1	345.3	334.8	305.2	302.5	340.1	371.8	393.3
G46.0	319.8	316.9	341.1	341.0	329.7	299.3	295.9	334.4	367.4	389.4
G47.0	313.3	311.0	336.4	336.7	325.0	292.9	289.1	328.6	362.7	385.4
G48.0	306.8	305.0	331.6	331.8	320.0	286.8	282.4	323.1	358.2	381.6
G49.0	300.0	299.0	326.8	327.3	314.8	280.7	275.0	317.3	353.7	377.1
G50.0	293.2	292.7	321.8	322.7	309.5	274.4	267.8	311.4	348.8	372.7
G51.0	285.9	286.7	316.9	318.2	304.6	268.2	260.8	305.5	344.1	368.6
G52.0	278.9	280.4	311.8	313.7	299.5	261.9	253.7	299.7	339.4	364.4
G53.0	271.9	274.3	306.9	308.7	294.5	255.2	246.0	293.4	334.6	360.3
G54.0	264.4	267.9	301.6	304.1	289.0	249.0	238.7	287.2	329.6	355.6
G55.0	257.0	261.8	296.6	299.4	284.0	242.4	231.1	281.0	324.9	351.3
G56.0	249.7	255.3	291.4	294.7	278.7	236.1	223.3	275.0	320.0	346.6
G57.0	242.3	249.1	286.4	289.5	273.3	229.3	215.7	268.8	314.8	342.3
G58.0	234.4	242.6	281.4	284.9	268.2	222.9	208.2	262.8	309.9	337.8
G59.0	226.9	236.4	275.9	280.0	262.7	216.3	200.0	256.2	304.9	333.4
G60.0	219.2	230.2	270.8	275.3	257.8	209.9	192.3	250.1	300.1	328.4
G61.0	211.2	223.4	265.7	270.5	252.5	203.4	184.3	243.8	294.9	323.8
G62.0	203.5	217.2	260.5	265.7	247.1	197.1	176.5	237.6	290.0	319.3
G63.0	195.2	210.9	255.5	260.6	242.0	190.3	168.2	231.0	284.8	314.6
G64.0	187.4	204.4	250.1	255.8	236.5	184.0	160.4	224.7	279.9	309.6
G65.0	179.2	198.3	244.9	251.0	231.3	177.5	152.3	218.5	274.7	305.0
G66.0	171.3	192.3	239.7	246.2	226.2	171.2	144.5	212.4	269.6	300.3
G67.0	163.4	185.8	234.7	241.2	221.1	164.6	136.1	205.9	264.7	295.2
G68.0	154.9	179.5	229.4	236.4	215.7	158.4	127.9	199.7	259.4	290.5
G69.0	146.9	173.5	224.3	231.6	210.7	152.2	119.6	193.3	254.3	285.7
G70.0	138.5	167.1	219.2	226.8	205.7	146.1	111.7	187.3	249.3	280.7
G71.0	130.5	161.1	214.1	222.1	200.6	139.8	103.4	181.2	244.0	275.9
G72.0	122.0	155.4	208.9	217.3	195.3	134.1	95.8	175.4	239.2	271.1
G73.0	113.6	149.3	204.1	212.6	190.5	128.3	88.0	169.2	234.4	266.1

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	471.0	468.9	475.3							
G1.0	471.6	469.4	475.6							
G2.0	472.0	469.6	475.7							
G3.0	472.3	469.7	475.4							
G4.0	472.3	469.7	475.3							
G5.0	472.4	469.5	474.9							
G6.0	472.2	469.2	474.2							
G7.0	471.9	468.6	473.4							
G8.0	471.5	467.9	472.3							
G9.0	471.0	466.9	471.2							
G10.0	470.3	465.9	470.1							
G11.0	469.3	464.6	468.5							
G12.0	468.4	463.3	466.7							
G13.0	467.5	461.8	464.9							
G14.0	466.3	460.4	462.8							
G15.0	465.0	458.7	460.7							
G16.0	463.5	456.7	458.1							
G17.0	461.8	454.7	455.7							
G18.0	460.3	452.4	453.2							
G19.0	458.5	449.8	450.5							
G20.0	456.5	447.4	447.3							
G21.0	454.5	444.7	444.3							
G22.0	452.5	441.9	440.9							
G23.0	450.0	438.8	437.5							
G24.0	447.6	435.8	433.9							
G25.0	445.2	432.7	429.9							
G26.0	442.6	429.3	426.2							
G27.0	439.9	425.8	422.3							
G28.0	436.8	422.0	418.0							
G29.0	433.9	418.4	413.4							
G30.0	430.9	414.6	409.0							
G31.0	427.7	410.3	404.5							
G32.0	424.3	406.3	399.7							
G33.0	420.9	402.1	394.9							
G34.0	417.5	397.8	389.5							
G35.0	413.8	393.1	384.5							
G36.0	410.1	388.5	379.3							

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	406.3	383.9	374.0							
G38.0	402.4	379.1	368.2							
G39.0	398.6	374.3	362.5							
G40.0	394.3	369.0	356.8							
G41.0	390.4	363.8	351.0							
G42.0	386.0	358.7	345.2							
G43.0	381.6	353.0	338.8							
G44.0	377.3	347.7	332.6							
G45.0	372.8	342.2	326.4							
G46.0	368.0	336.6	319.8							
G47.0	363.5	330.9	313.3							
G48.0	358.9	325.2	306.8							
G49.0	354.3	319.1	300.0							
G50.0	349.3	313.4	293.2							
G51.0	344.5	307.1	285.9							
G52.0	339.6	301.1	278.9							
G53.0	334.8	295.1	271.9							
G54.0	329.6	288.5	264.4							
G55.0	324.5	282.4	257.0							
G56.0	319.7	276.1	249.7							
G57.0	314.5	269.6	242.3							
G58.0	309.5	263.3	234.4							
G59.0	304.4	256.8	226.9							
G60.0	299.4	250.4	219.2							
G61.0	293.9	243.6	211.2							
G62.0	288.7	237.1	203.5							
G63.0	283.6	230.8	195.2							
G64.0	278.2	223.9	187.4							
G65.0	273.1	217.4	179.2							
G66.0	267.9	210.8	171.3							
G67.0	262.8	204.4	163.4							
G68.0	257.4	197.6	154.9							
G69.0	252.1	191.1	146.9							
G70.0	247.1	184.8	138.5							
G71.0	241.7	178.1	130.5							
G72.0	236.7	171.8	122.0							
G73.0	231.6	165.2	113.6							

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector: