

Report No.:

Test Time: 2020-08-28 17:44

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B

Current: 0.243 A

Power Factor: 0.757

Voltage: 11.8 V

Power: 2.20 W

Photometric Results

CIE Class: Direct

Measurement Flux: 217.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%,75%,100%): H71.3,H39.2,H24.6,H1

Vertical Diffuse Angle(10%,50%,75%,100%): V72.6,V38.9,V24.8,V3

Luminaire Efficacy Rating (LER): 99

Max. Intensity: 396.43 cd

Total Rated Lamp Lumens: 217.1 lm

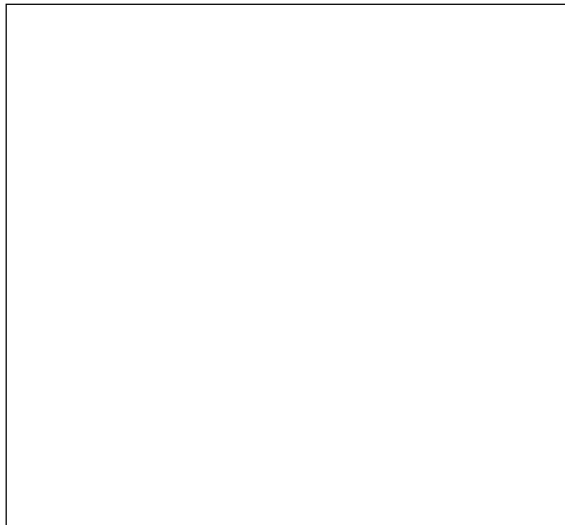
Efficiency: 100%

Upward Ratio: 1%

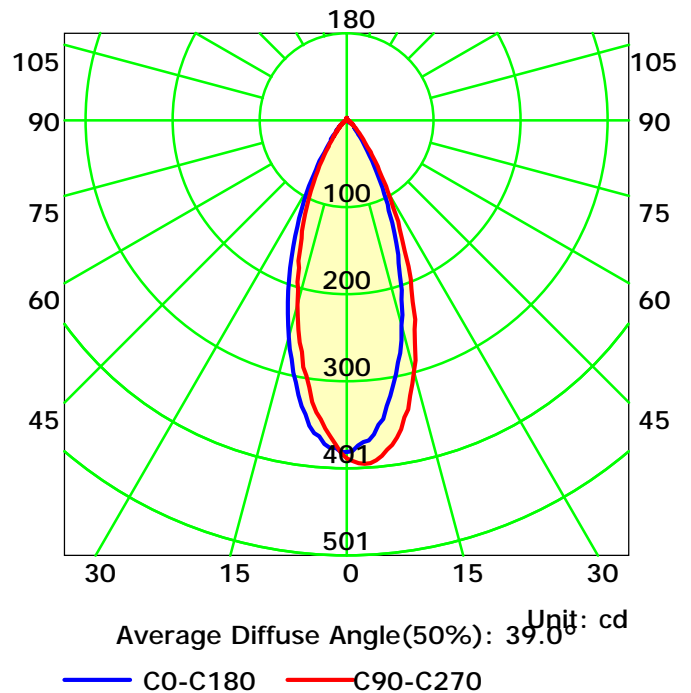
Central Intensity: 382.18 cd

Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

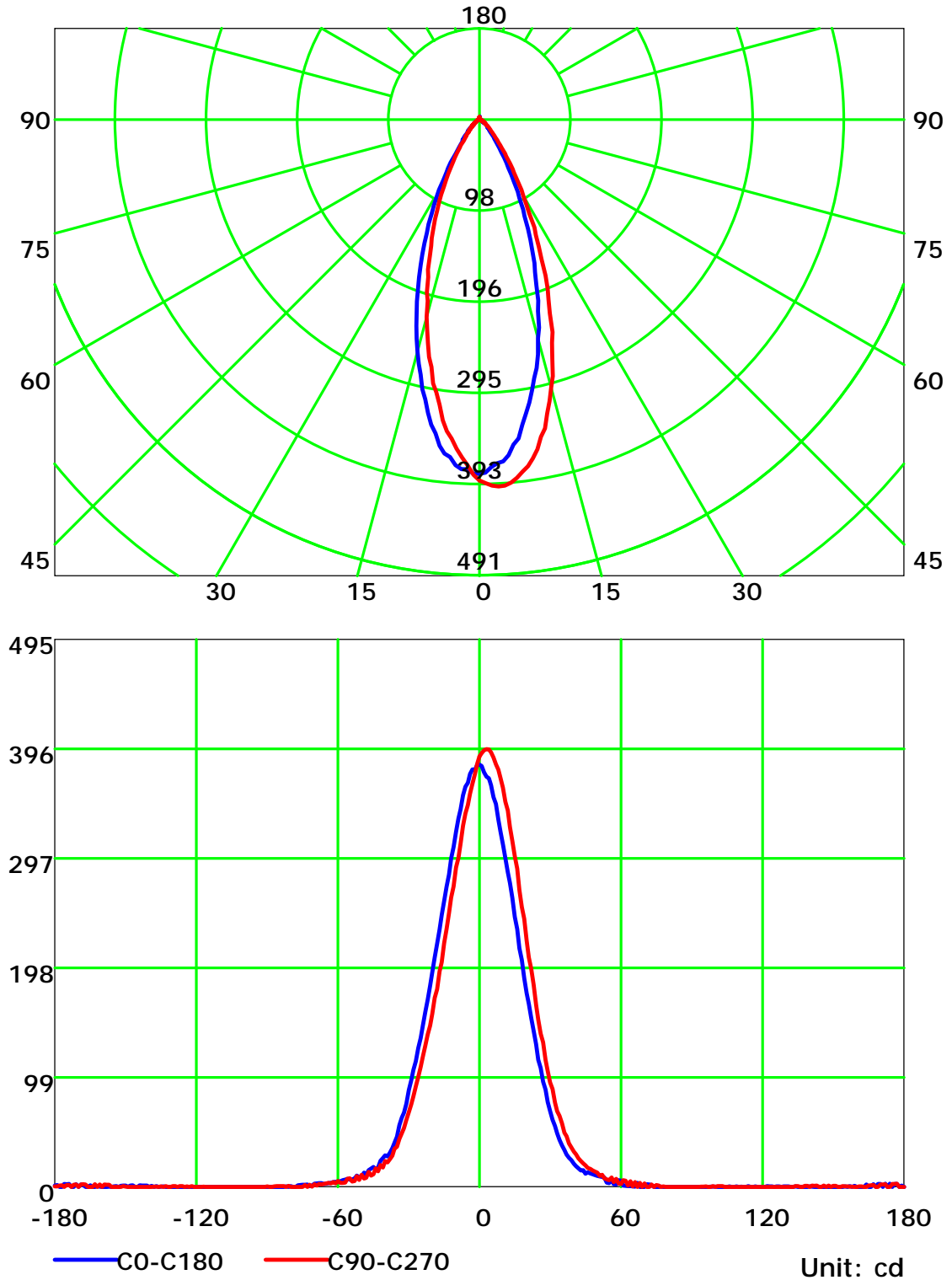
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

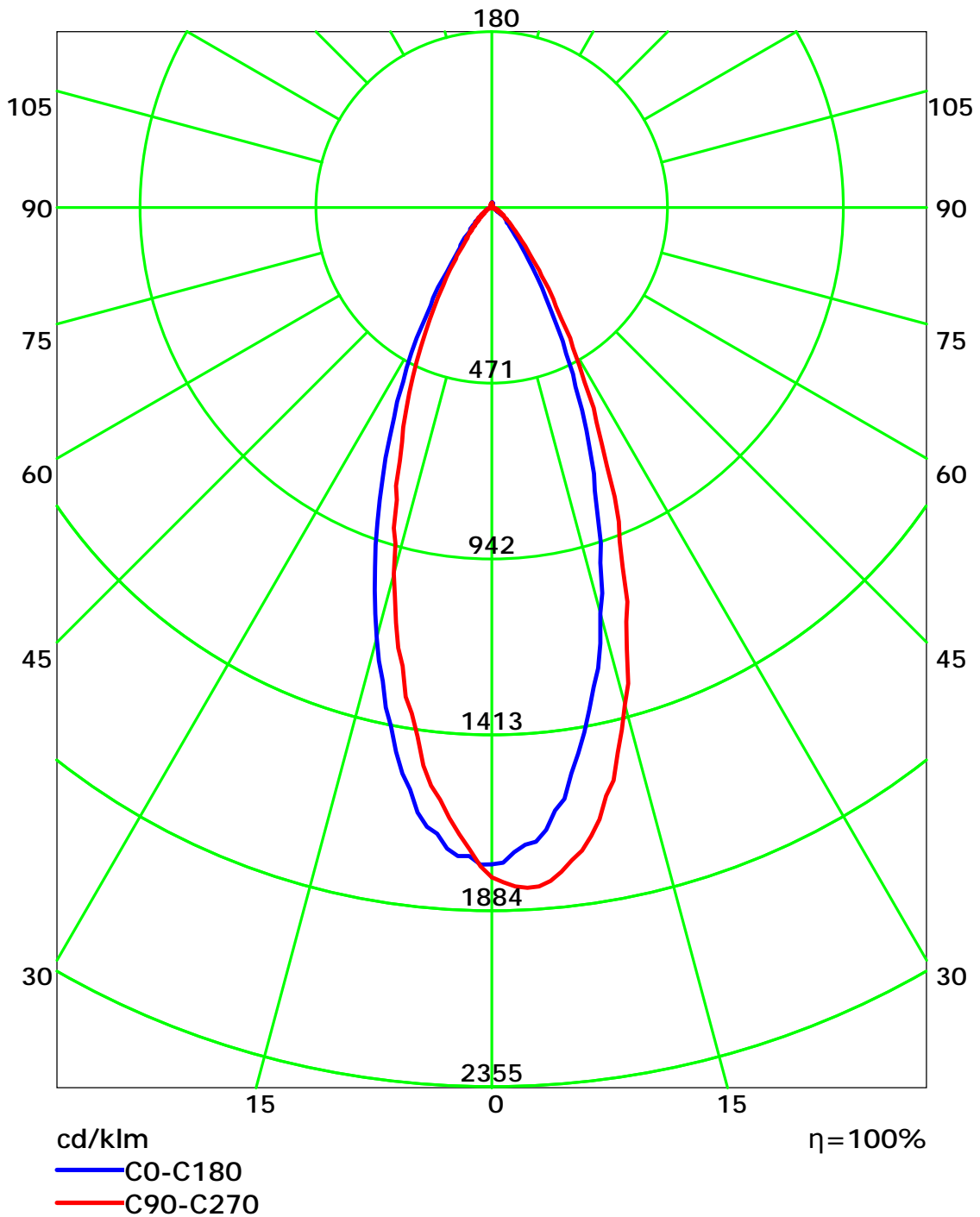
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



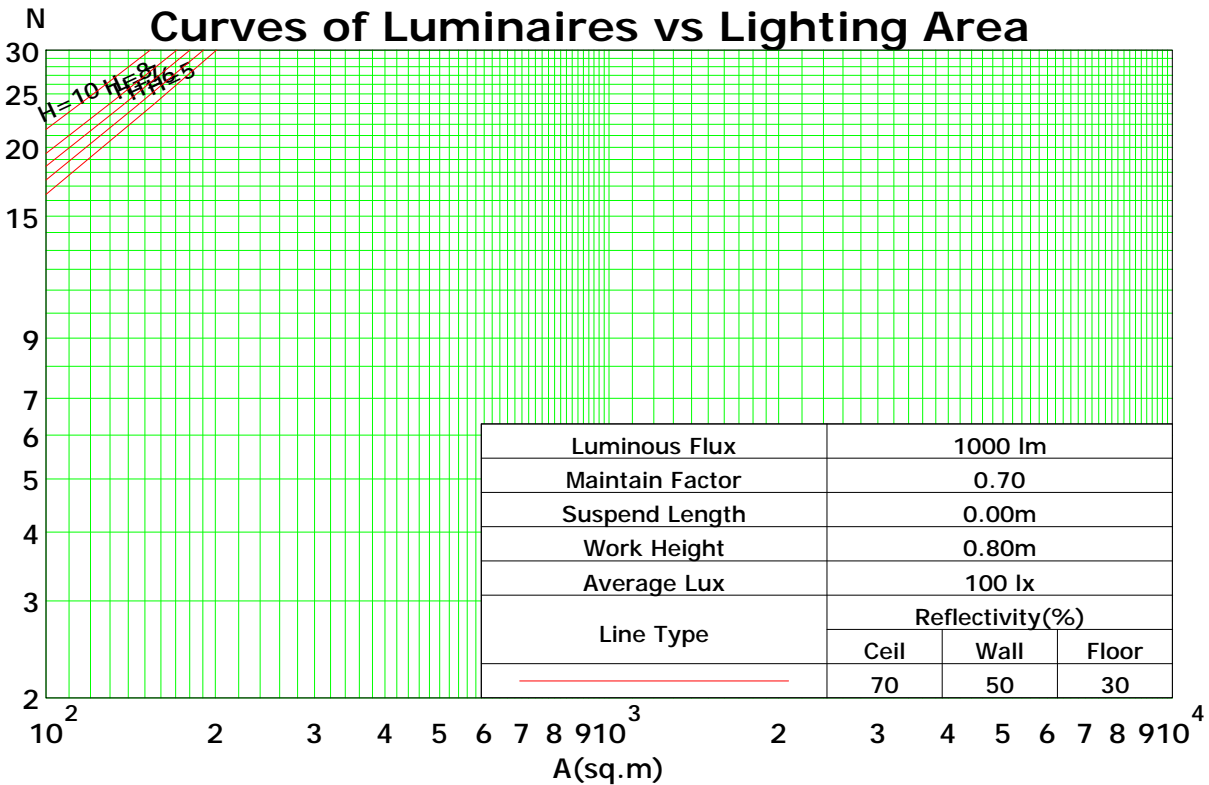
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 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	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	92	95	92	90	92	90	88	87
3	103	96	92	88	101	95	90	87	92	88	85	90	87	84	87	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	92	84	79	75	82	78	74	81	77	73	79	76	73	71
6	89	80	75	70	87	80	74	70	78	73	70	77	72	69	75	71	69	67
7	85	76	70	66	84	75	70	66	74	69	66	73	68	65	72	68	65	64
8	81	72	66	63	80	72	66	62	70	66	62	69	65	62	68	64	61	60
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	65	61	58	57
10	75	65	60	56	74	65	60	56	64	59	56	63	59	56	63	59	56	54

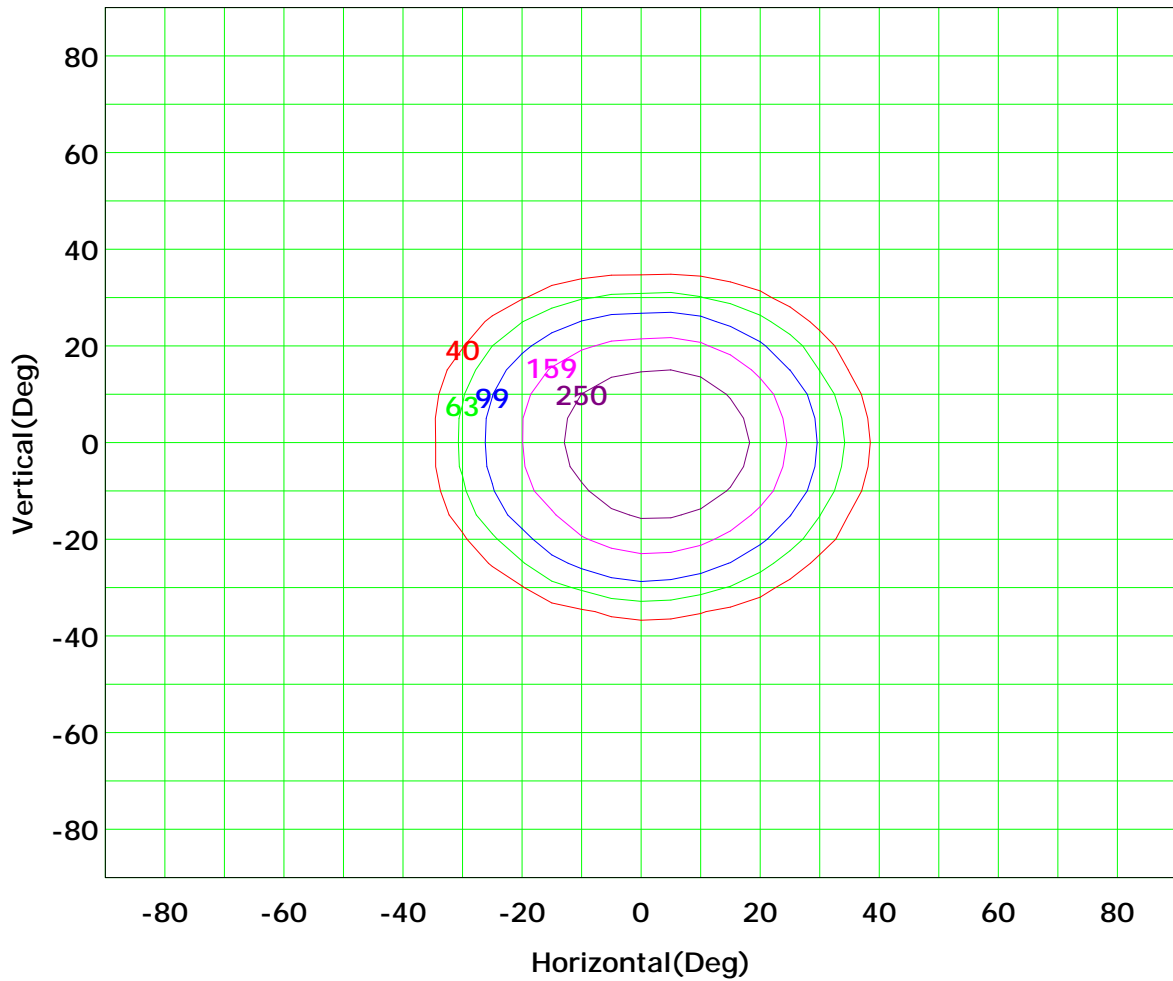
Spacing Criteria (0-180): 0.63
 Spacing Criteria (90-270): 0.63
 Spacing Criteria (Diagonal): 0.66



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



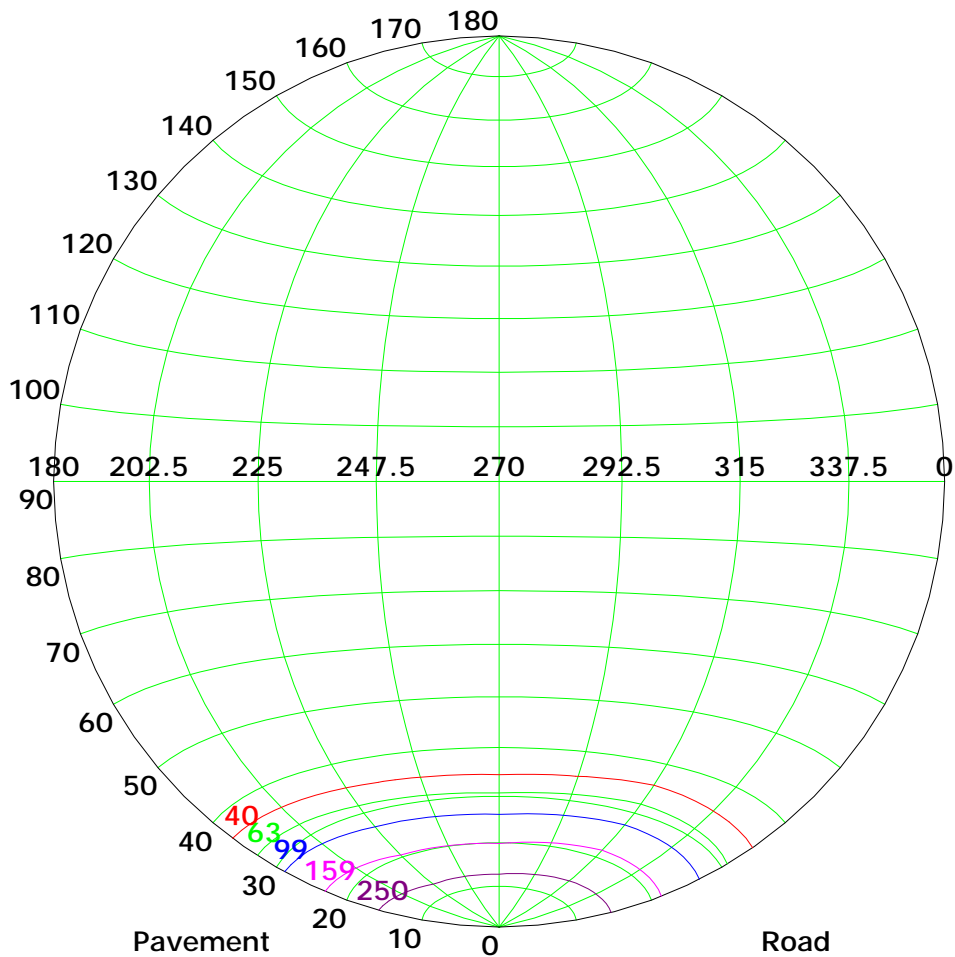
Imax (100%): 396 cd

— (10%):	40 cd	— (16%):	63 cd
— (25%):	99 cd	— (40%):	159 cd
— (63%):	250 cd	— (100%):	396 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (sphere)



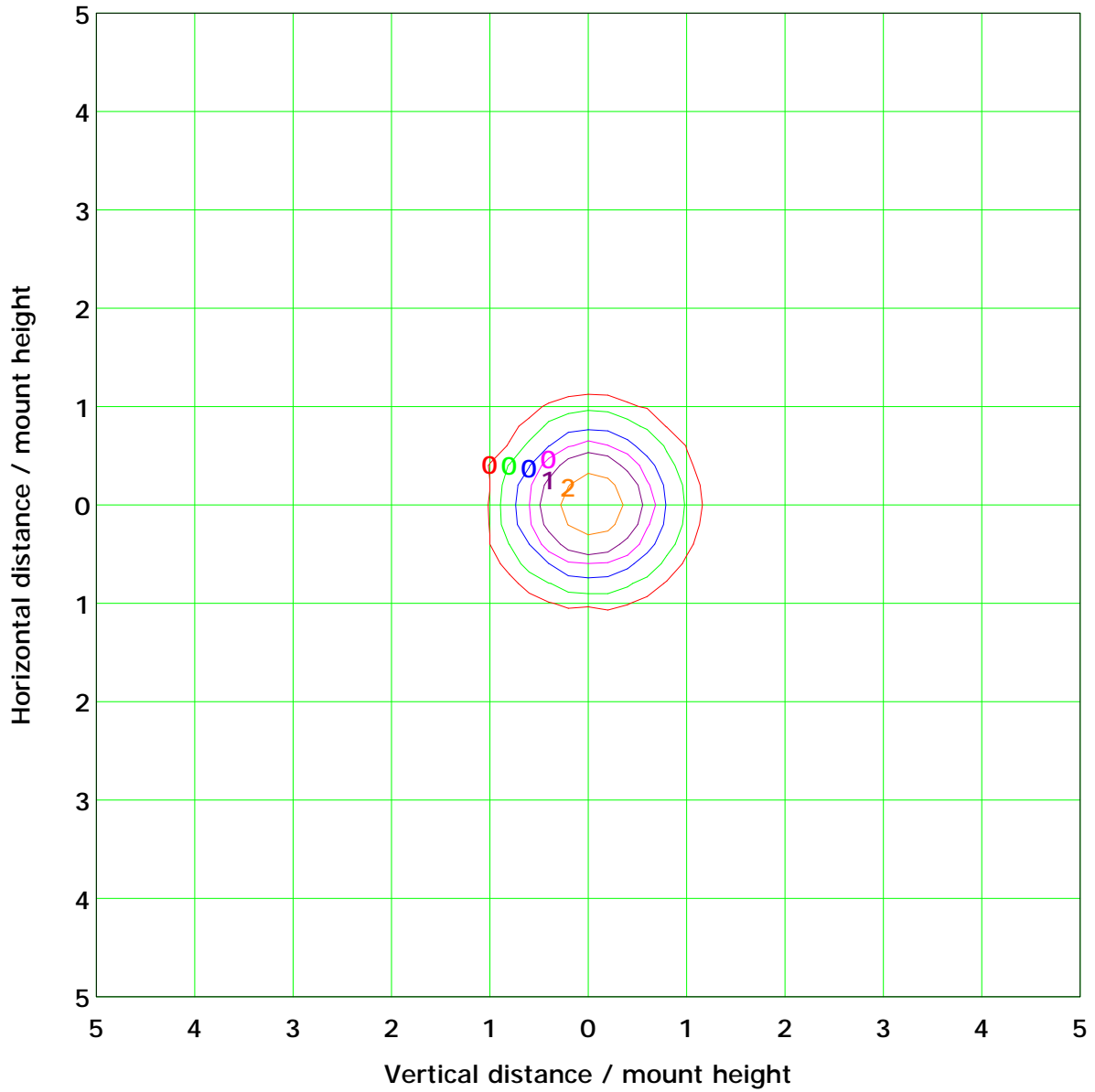
Imax (100%): 396 cd

— (10%):	40 cd	— (16%):	63 cd
— (25%):	99 cd	— (40%):	159 cd
— (63%):	250 cd	— (100%):	396 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 3.9 lx

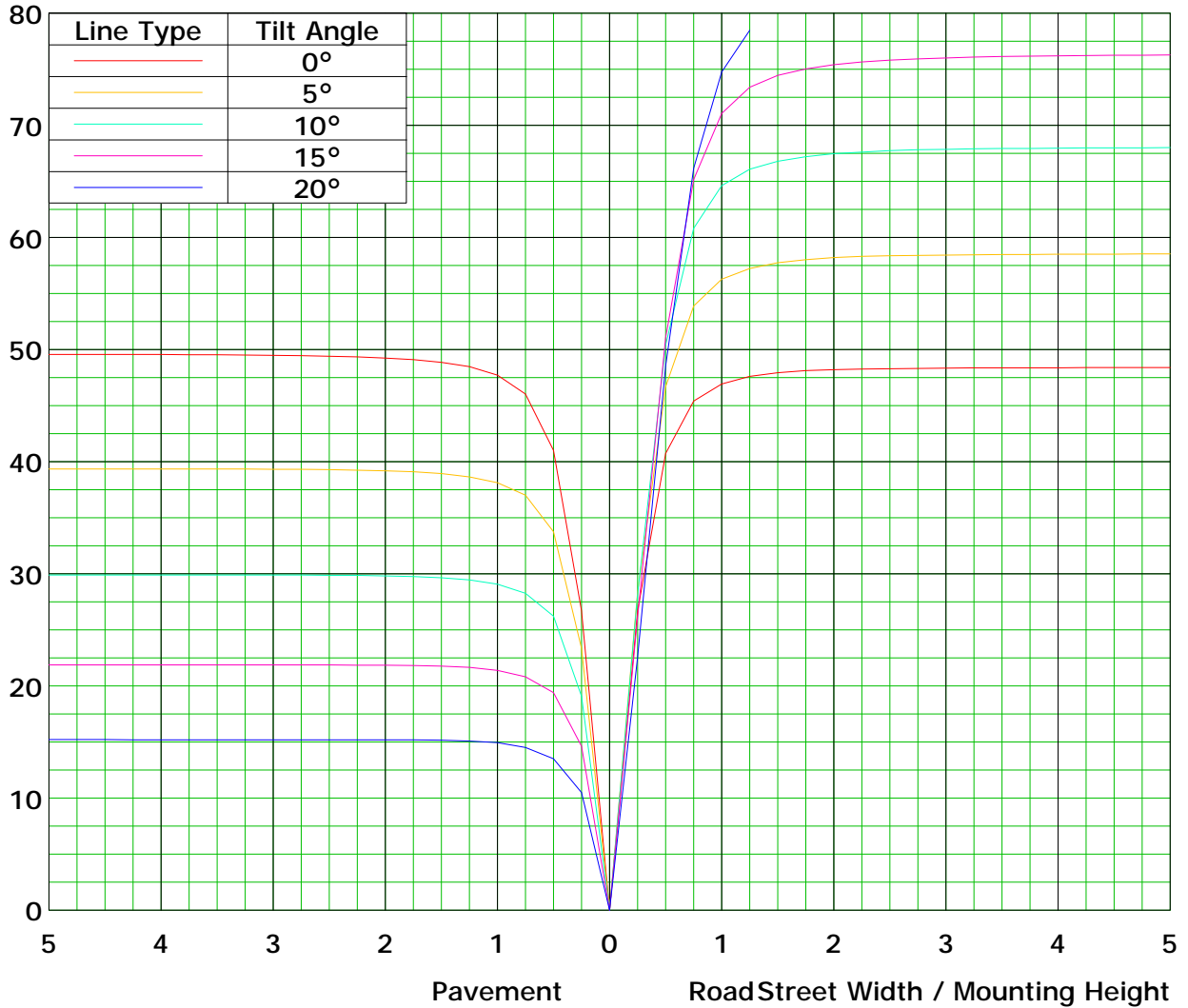
(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.2 lx	(10%): 0.4 lx
(20%): 0.8 lx	(50%): 2.0 lx
(100%): 3.9 lx	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



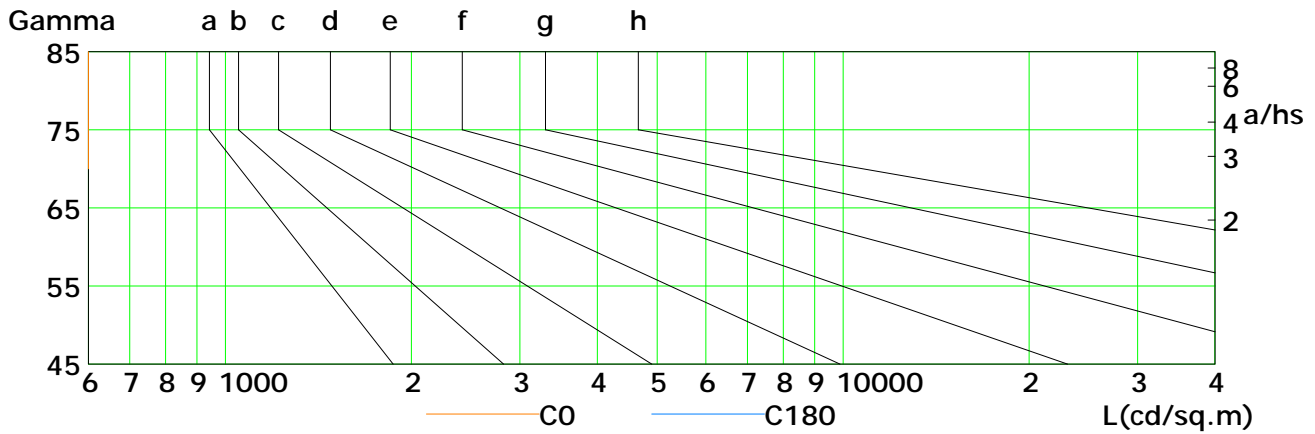
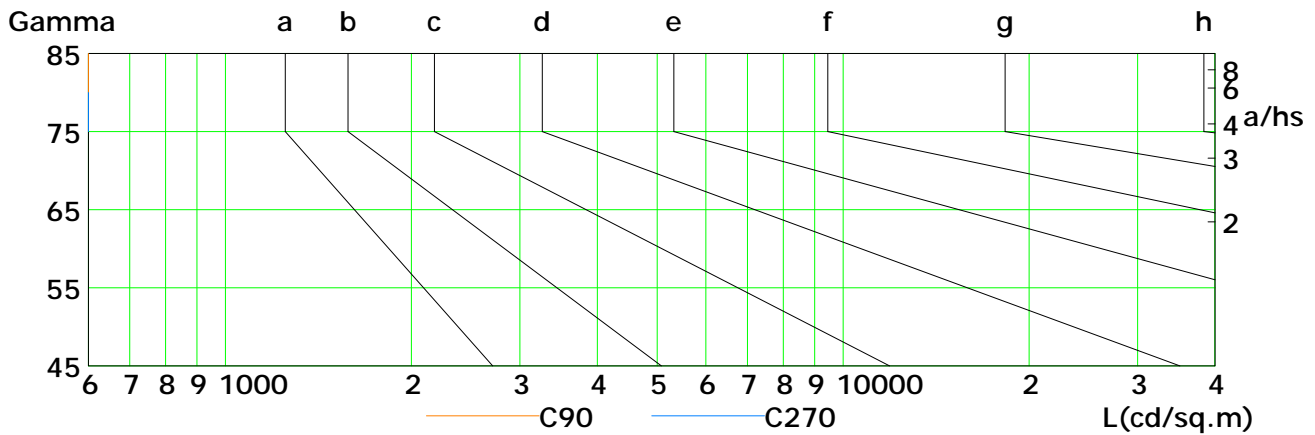
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Lum Limit Curve

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

a b c d e f g h

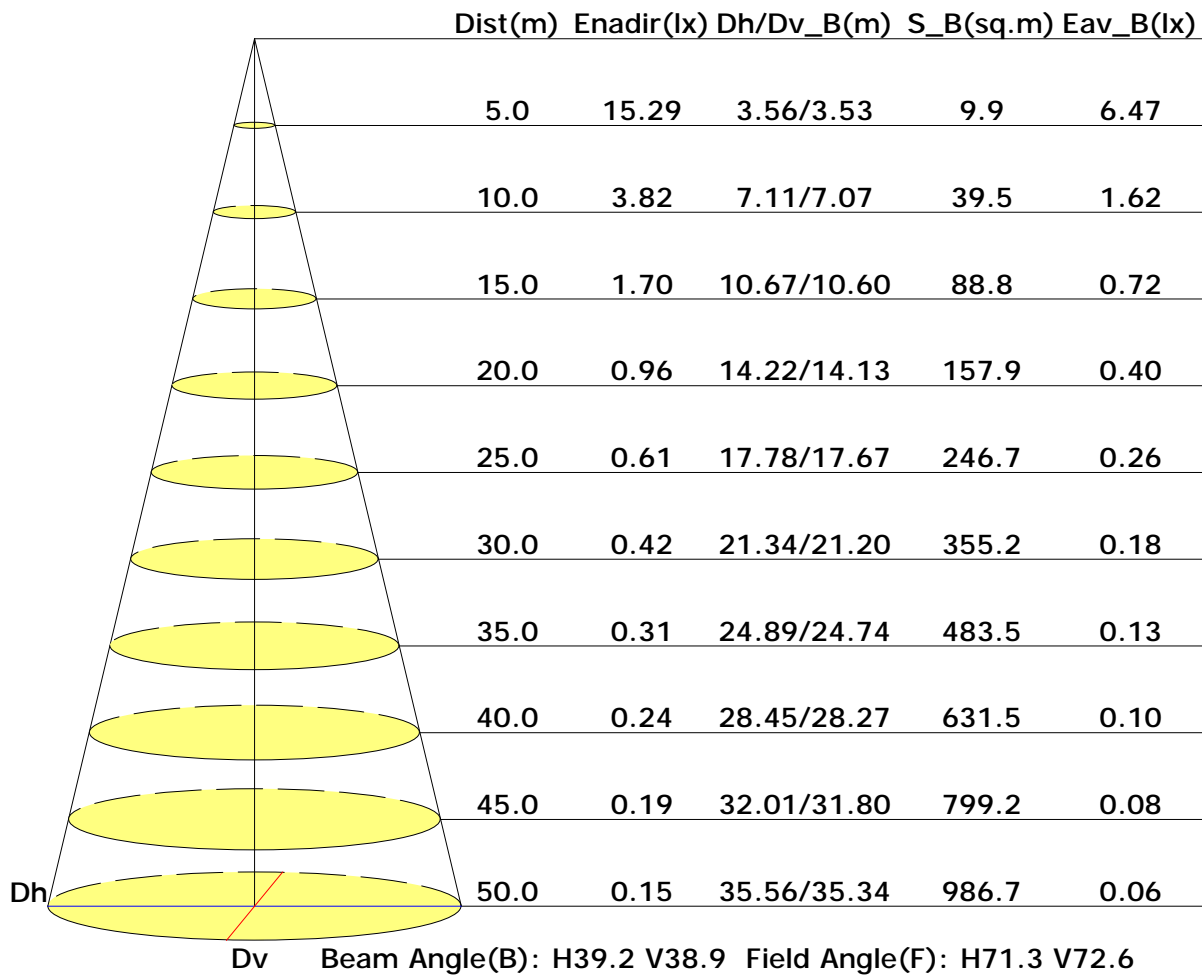


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	12	10	4	6	1	0	0	0	0
C90	20	13	6	3	1	3	2	0	0
C180	18	10	7	5	3	3	2	1	0
C270	11	11	8	6	3	3	0	0	1

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

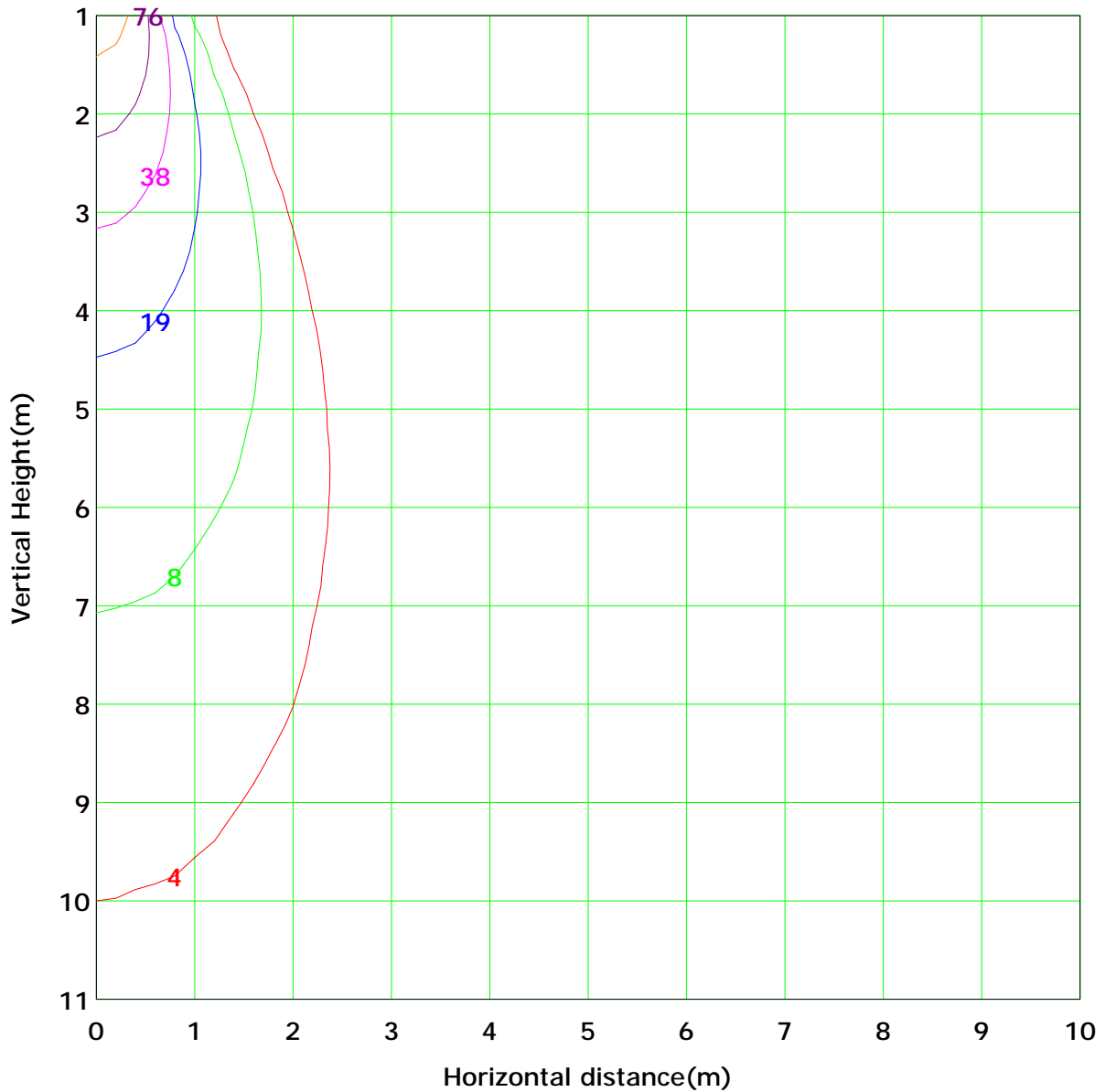
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 382.2 lx
(1%): 3.8 lx	(2%): 7.6 lx	
(5%): 19.1 lx	(10%): 38.2 lx	
(20%): 76.4 lx	(50%): 191.1 lx	
(100%): 382.2 lx		

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Area Flux Table

Unit: lx

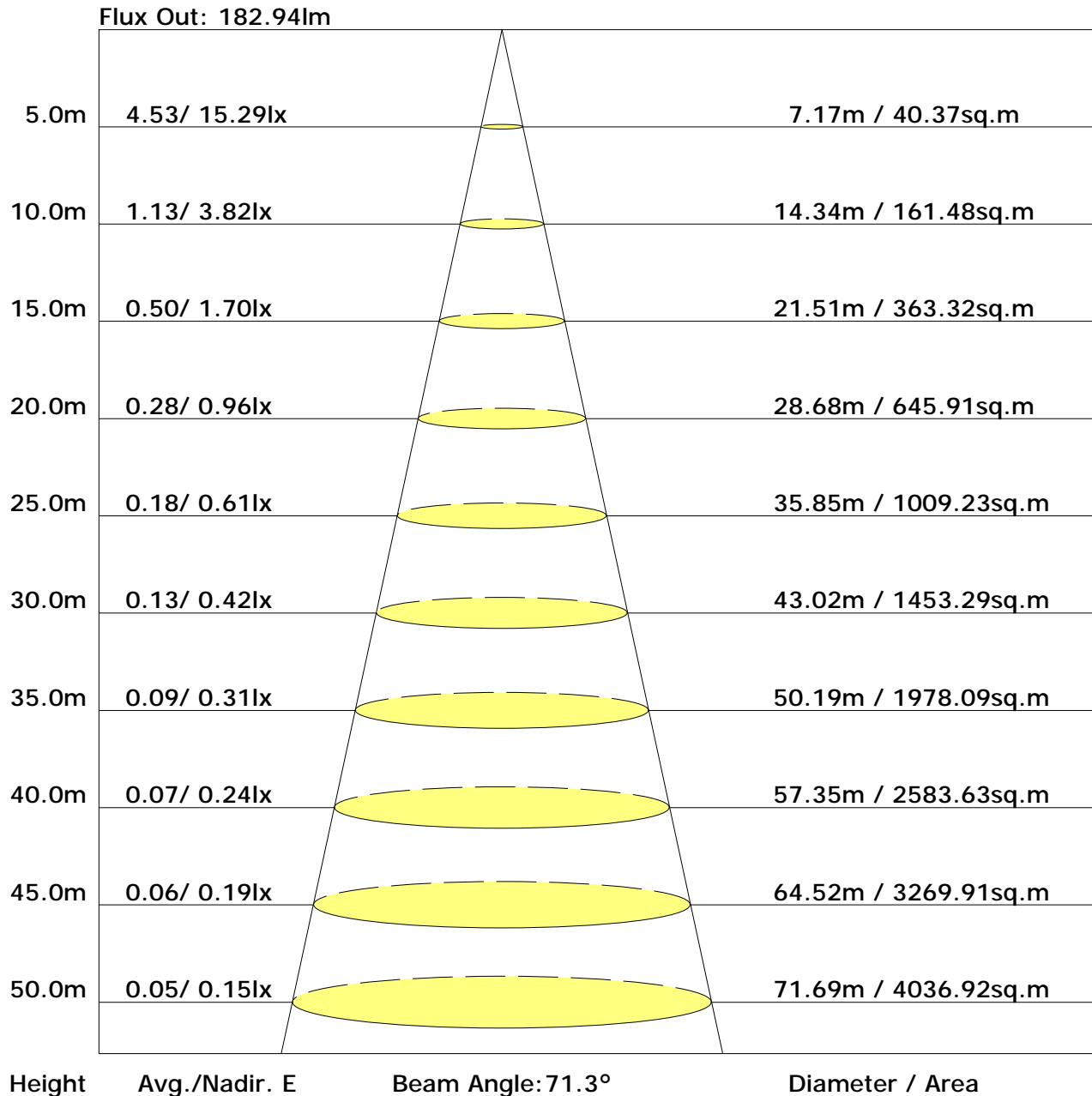
Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ΦE	
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ΦE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184

Horizontal plane

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

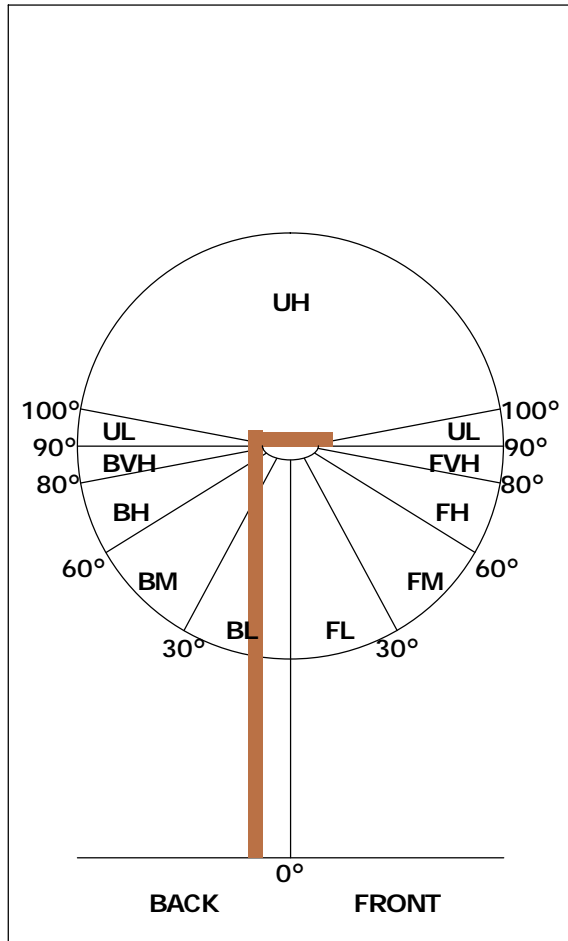
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



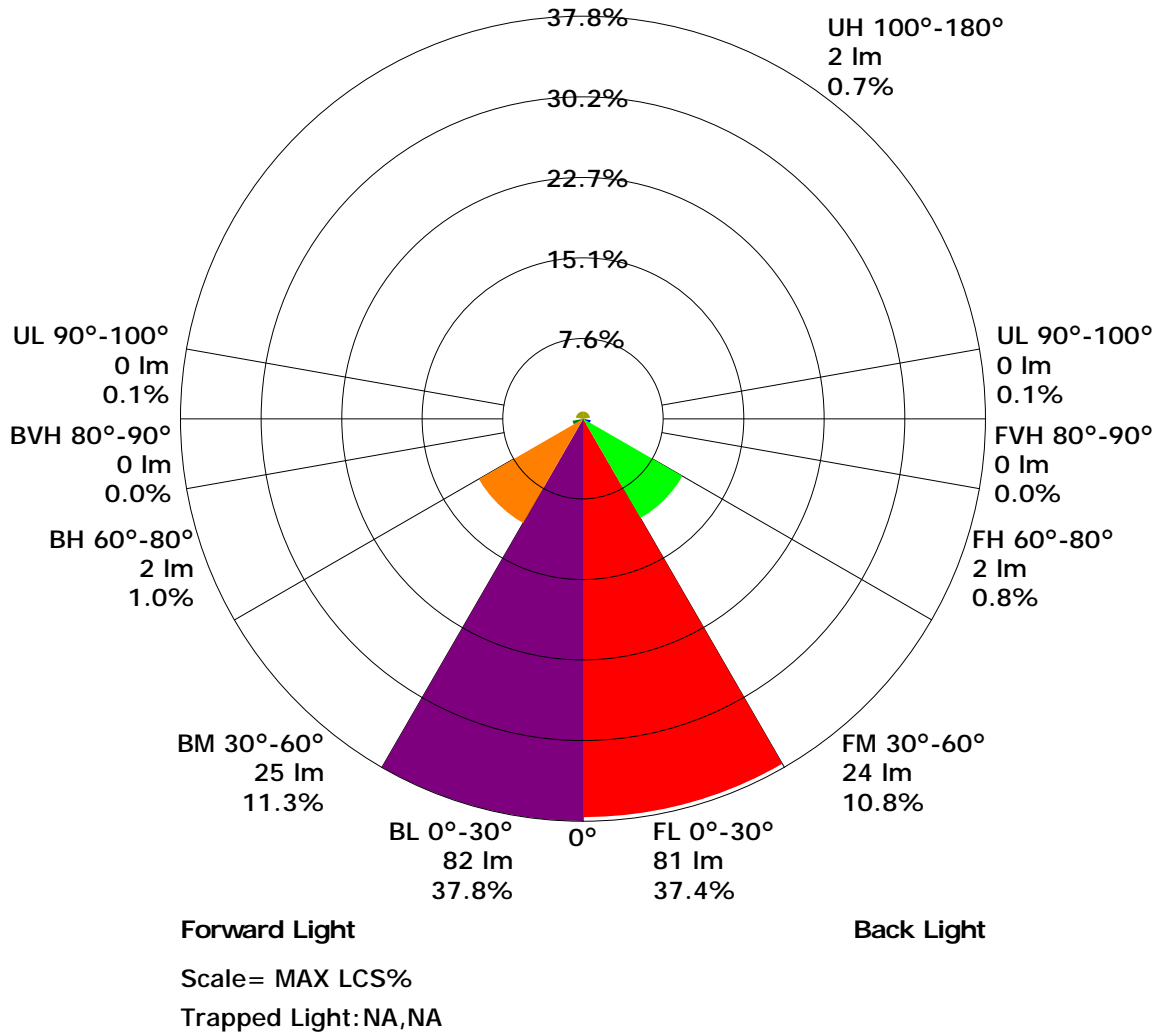
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	107	49.1
FL (0°-30°)	81	37.4
FM (30°-60°)	24	10.8
FH (60°-80°)	2	0.8
FVH (80°-90°)	0	0.0
BACK LIGHT	109	50.2
BL (0°-30°)	82	37.8
BM (30°-60°)	25	11.3
BH (60°-80°)	2	1.0
BVH (80°-90°)	0	0.0
UP LIGHT	2	0.8
UL (90°-100°)	0	0.1
UH (100°-180°)	2	0.7
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-360.0: 45.0
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
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 Inspector:

LCS Graph



C Plane (°):0.0-360.0: 45.0
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 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	0.85	0.91	0.95	0.98	1.02	1.05	1.07	1.09	1.11	
	0.30		0.80	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.09	
	0.20		0.77	0.83	0.88	0.91	0.96	0.99	1.02	1.05	1.07	
0.50	0.50	0.20	0.83	0.89	0.93	0.96	0.99	1.02	1.03	1.05	1.06	
	0.30		0.79	0.85	0.90	0.92	0.97	0.99	1.01	1.03	1.05	
	0.20		0.76	0.83	0.87	0.90	0.94	0.97	0.99	1.02	1.03	
0.30	0.50	0.20	0.82	0.88	0.91	0.93	0.97	0.98	1.00	1.01	1.02	
	0.30		0.79	0.84	0.88	0.91	0.94	0.97	0.98	1.00	1.01	
	0.20		0.76	0.82	0.86	0.89	0.92	0.95	0.97	0.99	1.00	
0.00	0.00	0.00	0.74	0.80	0.83	0.86	0.89	0.91	0.93	0.94	0.95	
<p>Rating:2W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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	0.58	0.47	0.39	0.34	0.27	0.22	0.19	0.14	0.12	
	0.30		0.48	0.40	0.34	0.30	0.24	0.20	0.17	0.14	0.11	
	0.20		0.41	0.35	0.30	0.27	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.55	0.44	0.37	0.32	0.25	0.24	0.17	0.13	0.11	
	0.30		0.47	0.38	0.33	0.28	0.23	0.19	0.16	0.12	0.10	
	0.20		0.40	0.34	0.29	0.26	0.21	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.53	0.41	0.34	0.29	0.23	0.19	0.16	0.12	0.10	
	0.30		0.45	0.37	0.31	0.27	0.21	0.17	0.15	0.12	0.09	
	0.20		0.39	0.33	0.28	0.24	0.20	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.26	0.20	0.17	0.14	0.11	0.09	0.07	0.06	0.05	
<p>Rating:2W 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	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating:2W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	386.0	0.4	0.4	0.17	0.17
1.0-2.0	384.1	1.1	1.5	0.51	0.68
2.0-3.0	381.2	1.8	3.3	0.84	1.52
3.0-4.0	377.2	2.5	5.8	1.16	2.68
4.0-5.0	371.5	3.2	9.0	1.47	4.15
5.0-6.0	365.0	3.8	12.9	1.77	5.92
6.0-7.0	357.5	4.4	17.3	2.04	7.96
7.0-8.0	347.9	5.0	22.3	2.29	10.26
8.0-9.0	337.1	5.5	27.7	2.52	12.77
9.0-10.0	326.8	5.9	33.6	2.72	15.50
10.0-11.0	315.0	6.3	39.9	2.90	18.40
11.0-12.0	302.7	6.6	46.6	3.05	21.45
12.0-13.0	289.7	6.9	53.4	3.17	24.61
13.0-14.0	276.3	7.1	60.5	3.26	27.87
14.0-15.0	263.1	7.2	67.7	3.33	31.20
15.0-16.0	249.5	7.3	75.0	3.37	34.56
16.0-17.0	236.4	7.4	82.4	3.39	37.95
17.0-18.0	222.5	7.3	89.7	3.38	41.33
18.0-19.0	208.9	7.3	97.0	3.35	44.68
19.0-20.0	195.5	7.2	104.2	3.30	47.98
20.0-21.0	181.9	7.0	111.2	3.22	51.19
21.0-22.0	170.5	6.9	118.0	3.16	54.35
22.0-23.0	158.9	6.7	124.7	3.07	57.42
23.0-24.0	146.5	6.4	131.1	2.95	60.37
24.0-25.0	134.4	6.1	137.2	2.82	63.19
25.0-26.0	123.5	5.8	143.0	2.68	65.87
26.0-27.0	113.6	5.6	148.6	2.56	68.43
27.0-28.0	102.9	5.2	153.8	2.40	70.83
28.0-29.0	92.8	4.9	158.7	2.24	73.07
29.0-30.0	84.5	4.6	163.2	2.10	75.17
30.0-31.0	76.6	4.3	167.5	1.96	77.14
31.0-32.0	68.0	3.9	171.4	1.79	78.93
32.0-33.0	60.5	3.6	174.9	1.64	80.57
33.0-34.0	54.1	3.3	178.2	1.51	82.08
34.0-35.0	48.0	3.0	181.2	1.37	83.45
35.0-36.0	42.5	2.7	183.9	1.25	84.70

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	37.8	2.5	186.4	1.14	85.83
37.0-38.0	33.7	2.3	188.6	1.04	86.87
38.0-39.0	29.5	2.0	190.6	0.93	87.80
39.0-40.0	26.7	1.9	192.5	0.86	88.66
40.0-41.0	24.8	1.8	194.3	0.81	89.47
41.0-42.0	22.6	1.6	195.9	0.75	90.22
42.0-43.0	19.7	1.5	197.4	0.67	90.90
43.0-44.0	17.8	1.3	198.7	0.62	91.52
44.0-45.0	16.5	1.3	200.0	0.58	92.10
45.0-46.0	15.0	1.2	201.1	0.54	92.64
46.0-47.0	14.0	1.1	202.3	0.51	93.15
47.0-48.0	12.7	1.0	203.3	0.47	93.63
48.0-49.0	11.7	1.0	204.2	0.44	94.07
49.0-50.0	11.3	0.9	205.2	0.44	94.50
50.0-51.0	10.0	0.8	206.0	0.39	94.89
51.0-52.0	9.2	0.8	206.8	0.37	95.26
52.0-53.0	8.5	0.7	207.6	0.34	95.60
53.0-54.0	7.1	0.6	208.2	0.29	95.89
54.0-55.0	6.3	0.6	208.8	0.26	96.14
55.0-56.0	6.5	0.6	209.3	0.27	96.41
56.0-57.0	6.0	0.5	209.9	0.25	96.67
57.0-58.0	5.4	0.5	210.4	0.23	96.90
58.0-59.0	5.3	0.5	210.9	0.23	97.12
59.0-60.0	5.1	0.5	211.4	0.22	97.35
60.0-61.0	4.8	0.5	211.8	0.21	97.55
61.0-62.0	3.9	0.4	212.2	0.17	97.73
62.0-63.0	3.2	0.3	212.5	0.15	97.87
63.0-64.0	3.2	0.3	212.8	0.14	98.02
64.0-65.0	3.2	0.3	213.1	0.14	98.16
65.0-66.0	2.9	0.3	213.4	0.13	98.29
66.0-67.0	2.9	0.3	213.7	0.13	98.42
67.0-68.0	2.8	0.3	214.0	0.13	98.55
68.0-69.0	2.3	0.2	214.2	0.11	98.66
69.0-70.0	2.1	0.2	214.4	0.10	98.76
70.0-71.0	1.8	0.2	214.6	0.08	98.85
71.0-72.0	1.0	0.1	214.7	0.05	98.90

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1.1	0.1	214.8	0.05	98.95
73.0-74.0	1.1	0.1	215.0	0.05	99.00
74.0-75.0	1.0	0.1	215.1	0.05	99.05
75.0-76.0	0.9	0.1	215.2	0.04	99.09
76.0-77.0	0.6	0.1	215.2	0.03	99.12
77.0-78.0	0.4	0.0	215.3	0.02	99.14
78.0-79.0	0.3	0.0	215.3	0.02	99.16
79.0-80.0	0.2	0.0	215.3	0.01	99.17
80.0-81.0	0.2	0.0	215.4	0.01	99.18
81.0-82.0	0.2	0.0	215.4	0.01	99.19
82.0-83.0	0.1	0.0	215.4	0.00	99.20
83.0-84.0	0.1	0.0	215.4	0.01	99.20
84.0-85.0	0.1	0.0	215.4	0.01	99.21
85.0-86.0	0.2	0.0	215.4	0.01	99.22
86.0-87.0	0.1	0.0	215.4	0.01	99.23
87.0-88.0	0.0	0.0	215.5	0.00	99.23
88.0-89.0	0.0	0.0	215.5	0.00	99.23
89.0-90.0	0.1	0.0	215.5	0.01	99.24
90.0-91.0	0.1	0.0	215.5	0.00	99.24
91.0-92.0	0.0	0.0	215.5	0.00	99.24
92.0-93.0	0.0	0.0	215.5	0.00	99.24
93.0-94.0	0.1	0.0	215.5	0.00	99.24
94.0-95.0	0.1	0.0	215.5	0.01	99.25
95.0-96.0	0.2	0.0	215.5	0.01	99.26
96.0-97.0	0.2	0.0	215.5	0.01	99.27
97.0-98.0	0.2	0.0	215.6	0.01	99.28
98.0-99.0	0.2	0.0	215.6	0.01	99.29
99.0-100.0	0.2	0.0	215.6	0.01	99.30
100.0-101.0	0.2	0.0	215.6	0.01	99.31
101.0-102.0	0.2	0.0	215.7	0.01	99.32
102.0-103.0	0.2	0.0	215.7	0.01	99.33
103.0-104.0	0.1	0.0	215.7	0.01	99.34
104.0-105.0	0.1	0.0	215.7	0.00	99.34
105.0-106.0	0.2	0.0	215.7	0.01	99.35
106.0-107.0	0.1	0.0	215.7	0.01	99.36
107.0-108.0	0.1	0.0	215.7	0.00	99.36

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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	0.2	0.0	215.8	0.01	99.37
109.0-110.0	0.2	0.0	215.8	0.01	99.38
110.0-111.0	0.1	0.0	215.8	0.00	99.38
111.0-112.0	0.1	0.0	215.8	0.00	99.39
112.0-113.0	0.1	0.0	215.8	0.00	99.39
113.0-114.0	0.1	0.0	215.8	0.00	99.39
114.0-115.0	0.1	0.0	215.8	0.00	99.40
115.0-116.0	0.1	0.0	215.8	0.00	99.40
116.0-117.0	0.1	0.0	215.8	0.01	99.41
117.0-118.0	0.2	0.0	215.9	0.01	99.41
118.0-119.0	0.1	0.0	215.9	0.01	99.42
119.0-120.0	0.1	0.0	215.9	0.00	99.42
120.0-121.0	0.1	0.0	215.9	0.00	99.42
121.0-122.0	0.1	0.0	215.9	0.00	99.43
122.0-123.0	0.1	0.0	215.9	0.01	99.44
123.0-124.0	0.1	0.0	215.9	0.01	99.44
124.0-125.0	0.2	0.0	215.9	0.01	99.45
125.0-126.0	0.3	0.0	216.0	0.01	99.46
126.0-127.0	0.3	0.0	216.0	0.01	99.47
127.0-128.0	0.2	0.0	216.0	0.01	99.48
128.0-129.0	0.3	0.0	216.0	0.01	99.49
129.0-130.0	0.3	0.0	216.1	0.01	99.51
130.0-131.0	0.3	0.0	216.1	0.01	99.52
131.0-132.0	0.2	0.0	216.1	0.01	99.53
132.0-133.0	0.2	0.0	216.1	0.01	99.54
133.0-134.0	0.5	0.0	216.2	0.02	99.55
134.0-135.0	0.6	0.0	216.2	0.02	99.57
135.0-136.0	0.5	0.0	216.2	0.02	99.59
136.0-137.0	0.4	0.0	216.3	0.02	99.61
137.0-138.0	0.5	0.0	216.3	0.02	99.62
138.0-139.0	0.5	0.0	216.3	0.02	99.64
139.0-140.0	0.5	0.0	216.4	0.02	99.66
140.0-141.0	0.5	0.0	216.4	0.02	99.67
141.0-142.0	0.6	0.0	216.5	0.02	99.69
142.0-143.0	0.5	0.0	216.5	0.02	99.71
143.0-144.0	0.4	0.0	216.5	0.01	99.72

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 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	0.3	0.0	216.5	0.01	99.73
145.0-146.0	0.2	0.0	216.6	0.01	99.73
146.0-147.0	0.2	0.0	216.6	0.01	99.74
147.0-148.0	0.4	0.0	216.6	0.01	99.75
148.0-149.0	0.4	0.0	216.6	0.01	99.76
149.0-150.0	0.3	0.0	216.6	0.01	99.77
150.0-151.0	0.4	0.0	216.6	0.01	99.78
151.0-152.0	0.3	0.0	216.7	0.01	99.79
152.0-153.0	0.2	0.0	216.7	0.01	99.79
153.0-154.0	0.4	0.0	216.7	0.01	99.80
154.0-155.0	0.4	0.0	216.7	0.01	99.81
155.0-156.0	0.3	0.0	216.7	0.01	99.82
156.0-157.0	0.5	0.0	216.7	0.01	99.83
157.0-158.0	0.5	0.0	216.8	0.01	99.84
158.0-159.0	0.5	0.0	216.8	0.01	99.85
159.0-160.0	0.5	0.0	216.8	0.01	99.85
160.0-161.0	0.5	0.0	216.8	0.01	99.86
161.0-162.0	0.6	0.0	216.9	0.01	99.87
162.0-163.0	0.5	0.0	216.9	0.01	99.88
163.0-164.0	0.5	0.0	216.9	0.01	99.89
164.0-165.0	0.7	0.0	216.9	0.01	99.90
165.0-166.0	0.7	0.0	216.9	0.01	99.91
166.0-167.0	0.8	0.0	216.9	0.01	99.92
167.0-168.0	0.9	0.0	217.0	0.01	99.93
168.0-169.0	1.1	0.0	217.0	0.01	99.94
169.0-170.0	1.3	0.0	217.0	0.01	99.95
170.0-171.0	1.1	0.0	217.0	0.01	99.96
171.0-172.0	1.2	0.0	217.1	0.01	99.97
172.0-173.0	0.9	0.0	217.1	0.01	99.97
173.0-174.0	1.0	0.0	217.1	0.01	99.98
174.0-175.0	1.7	0.0	217.1	0.01	99.99
175.0-176.0	1.7	0.0	217.1	0.01	99.99
176.0-177.0	1.3	0.0	217.1	0.00	100.00
177.0-178.0	1.0	0.0	217.1	0.00	100.00
178.0-179.0	0.7	0.0	217.1	0.00	100.00
179.0-180.0	0.7	0.0	217.1	0.00	100.00

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	382.2	382.2	389.7	391.6	382.2	382.2	389.7	391.6	382.2	
G1.0	381.2	388.6	392.6	394.0	382.3	377.5	383.4	385.4	381.2	
G2.0	375.3	387.3	395.3	394.9	377.5	374.2	373.6	382.8	375.3	
G3.0	371.4	390.5	396.4	393.6	377.9	367.1	365.1	376.6	371.4	
G4.0	369.9	388.8	396.0	387.6	374.0	357.1	356.1	367.6	369.9	
G5.0	363.5	382.5	393.3	387.2	365.7	348.1	345.9	360.6	363.5	
G6.0	352.7	381.0	388.7	381.2	362.3	338.1	338.3	350.6	352.7	
G7.0	346.7	374.1	382.7	374.1	354.6	328.3	327.1	340.0	346.7	
G8.0	332.5	362.6	377.8	365.7	341.9	318.0	310.8	328.7	332.5	
G9.0	321.5	353.7	370.2	356.9	333.5	305.5	298.0	316.4	321.5	
G10.0	310.1	348.0	361.4	346.9	321.5	291.7	289.0	303.7	310.1	
G11.0	297.7	337.1	348.8	336.0	307.6	278.8	271.9	289.8	297.7	
G12.0	285.1	325.5	340.8	324.3	297.4	264.2	262.0	276.8	285.1	
G13.0	275.3	307.9	325.7	307.2	282.7	249.8	248.0	263.2	275.3	
G14.0	261.4	298.7	313.1	293.4	271.8	237.8	233.5	251.4	261.4	
G15.0	244.4	285.4	299.4	279.3	258.9	223.4	220.8	236.4	244.4	
G16.0	233.5	266.9	288.1	269.0	246.1	213.0	203.5	223.2	233.5	
G17.0	216.2	257.2	268.8	254.5	233.1	201.0	195.0	213.7	216.2	
G18.0	205.6	237.8	253.4	239.9	220.3	186.1	178.9	197.8	205.6	
G19.0	189.1	227.6	242.6	225.4	207.8	174.3	171.3	185.2	189.1	
G20.0	175.4	208.6	222.9	206.9	194.5	163.0	156.8	176.4	175.4	
G21.0	165.9	194.5	207.9	192.8	182.3	152.1	146.1	164.3	165.9	
G22.0	152.8	184.3	197.2	181.7	169.5	145.4	138.0	152.6	152.8	
G23.0	141.1	166.2	183.0	168.3	158.3	135.4	127.8	141.5	141.1	
G24.0	129.1	153.1	164.8	155.3	146.1	125.5	118.1	131.0	129.1	
G25.0	115.2	140.5	151.6	140.3	134.9	115.7	108.8	121.0	115.2	
G26.0	107.8	132.0	138.9	130.8	125.8	106.0	99.7	106.8	107.8	
G27.0	95.4	120.5	130.9	117.9	113.9	97.8	91.1	102.0	95.4	
G28.0	88.2	105.4	115.2	107.0	106.0	85.1	82.2	88.7	88.2	
G29.0	77.0	95.3	105.1	97.1	96.6	81.2	74.7	80.2	77.0	
G30.0	68.7	89.1	94.6	88.4	87.7	73.4	67.7	76.0	68.7	
G31.0	61.0	80.2	88.7	79.1	75.6	65.8	60.9	68.4	61.0	
G32.0	55.2	68.8	76.5	70.8	67.2	54.5	53.5	61.2	55.2	
G33.0	48.7	61.5	68.7	63.6	62.9	52.0	48.7	54.3	48.7	
G34.0	42.6	54.7	64.3	56.5	56.1	42.0	43.5	45.1	42.6	
G35.0	37.7	51.7	57.7	50.3	45.6	40.7	36.6	42.9	37.7	
G36.0	33.5	46.2	49.2	46.0	40.1	32.2	34.8	35.4	33.5	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	29.4	41.4	46.0	41.4	35.2	32.1	28.5	34.1	29.4	
G38.0	26.5	34.7	39.4	35.4	31.1	28.9	25.2	30.5	26.5	
G39.0	24.2	31.2	35.7	31.7	27.6	22.2	22.4	25.1	24.2	
G40.0	21.2	28.0	32.0	30.6	28.7	19.8	23.6	22.6	21.2	
G41.0	19.0	27.0	29.7	27.9	26.1	21.4	17.7	22.0	19.0	
G42.0	16.9	22.7	26.0	22.6	23.9	19.5	19.9	18.4	16.9	
G43.0	15.1	20.5	23.6	23.2	17.8	14.3	14.3	16.7	15.1	
G44.0	15.4	19.8	21.4	18.0	16.0	16.4	17.0	15.2	15.4	
G45.0	12.1	16.9	19.5	19.5	18.1	11.7	11.5	14.9	12.1	
G46.0	13.2	16.1	17.2	14.3	16.7	14.0	10.4	13.5	13.2	
G47.0	12.3	14.0	16.4	12.9	15.3	13.0	13.7	11.7	12.3	
G48.0	11.5	13.3	15.0	11.5	11.1	12.2	8.5	10.8	11.5	
G49.0	10.8	11.9	13.9	14.4	13.1	11.3	7.7	10.0	10.8	
G50.0	10.2	11.0	12.9	13.3	9.5	10.6	11.2	9.5	10.2	
G51.0	9.6	10.0	10.0	12.4	8.8	6.3	6.5	8.6	9.6	
G52.0	9.1	9.4	11.2	11.7	10.3	6.0	9.9	8.1	9.1	
G53.0	8.6	8.3	8.0	6.7	7.6	8.9	5.4	7.3	8.6	
G54.0	3.9	7.5	7.0	10.2	7.0	4.8	5.0	6.9	3.9	
G55.0	3.6	7.6	6.1	5.3	6.7	4.5	7.8	6.4	3.6	
G56.0	7.3	6.1	8.6	9.0	7.4	4.1	7.5	5.8	7.3	
G57.0	2.5	5.5	4.6	4.1	6.7	7.3	4.0	5.4	2.5	
G58.0	2.3	6.2	7.5	7.9	6.2	6.9	3.7	5.1	2.3	
G59.0	6.2	5.8	3.3	3.2	5.3	6.6	3.7	4.9	6.2	
G60.0	5.7	5.5	2.8	6.9	5.1	6.3	5.5	4.6	5.7	
G61.0	1.3	5.1	6.1	6.5	4.7	2.3	3.3	4.3	1.3	
G62.0	1.1	4.9	5.8	2.0	4.6	2.0	4.6	3.9	1.1	
G63.0	0.9	2.6	1.3	1.7	3.8	5.6	3.2	3.7	0.9	
G64.0	0.8	4.4	5.1	5.3	3.4	1.4	3.7	3.7	0.8	
G65.0	0.6	1.8	0.6	5.0	3.1	5.2	3.2	3.2	0.6	
G66.0	0.4	3.8	4.5	1.0	2.7	5.0	2.8	2.9	0.4	
G67.0	3.8	1.1	0.0	4.2	3.6	4.8	2.4	2.7	3.8	
G68.0	0.2	0.8	3.8	4.1	3.5	4.4	2.9	2.5	0.2	
G69.0	0.1	3.3	0.0	0.4	3.3	4.4	1.4	2.4	0.1	
G70.0	0.0	3.1	3.4	0.1	3.1	4.1	2.6	1.9	0.0	
G71.0	2.6	0.0	0.0	0.1	1.3	3.7	0.4	1.8	2.6	
G72.0	2.2	0.0	0.0	0.0	0.9	0.0	2.1	1.5	2.2	
G73.0	1.9	0.0	2.4	2.4	2.4	0.0	0.0	1.1	1.9	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G74.0	0.0	0.0	0.0	2.2	2.1	0.0	2.0	1.1	0.0
G75.0	0.0	1.9	1.7	1.9	2.0	0.0	0.0	0.8	0.0
G76.0	0.0	1.9	1.4	0.0	1.8	0.0	0.0	0.4	0.0
G77.0	0.3	0.0	0.0	0.0	1.6	2.1	0.0	0.2	0.3
G78.0	0.2	0.0	0.7	0.0	0.0	1.7	0.0	0.0	0.2
G79.0	0.0	1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0
G81.0	0.0	1.1	0.0	0.0	0.0	0.7	1.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
G83.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0
G84.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.0
G85.0	0.0	0.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0
G86.0	0.0	0.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G90.0	0.0	0.8	0.0	0.0	0.0	0.0	0.6	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
G94.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
G95.0	0.0	0.9	0.5	0.3	0.0	0.0	0.1	0.0	0.0
G96.0	0.2	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.2
G97.0	0.1	0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.1
G98.0	0.3	0.7	0.0	0.6	0.0	0.0	0.0	0.0	0.3
G99.0	0.4	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.4
G100.0	0.4	0.6	0.0	0.0	0.0	0.4	0.0	0.0	0.4
G101.0	0.0	0.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.8	0.0	0.0	0.6	0.0	0.0	0.0
G103.0	0.0	0.4	0.8	0.8	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
G105.0	0.0	0.0	0.0	0.8	0.0	0.6	0.0	0.0	0.0
G106.0	0.6	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.6
G107.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
G109.0	0.6	0.0	0.0	0.6	0.0	0.7	0.0	0.2	0.6
G110.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G111.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
G112.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.4	0.0
G113.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0
G114.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
G117.0	0.7	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.7
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.7	0.1	0.0	0.0	0.0	0.0	0.8	0.0	0.7
G123.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7
G124.0	0.7	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
G125.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0
G126.0	0.7	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.7
G127.0	0.7	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.7
G128.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	1.0	0.0
G129.0	0.7	0.9	0.0	0.1	0.0	0.4	1.0	0.0	0.7
G130.0	0.7	0.0	0.0	0.2	0.0	0.7	0.8	0.0	0.7
G131.0	0.7	0.0	0.0	0.4	0.1	0.8	0.0	0.9	0.7
G132.0	0.0	1.0	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	1.0	0.8	0.8	0.0
G134.0	0.6	1.0	0.9	0.0	0.5	1.1	0.0	0.8	0.6
G135.0	0.0	0.0	0.9	0.8	0.5	1.2	0.6	0.7	0.0
G136.0	0.0	1.0	0.0	1.0	0.0	1.2	0.0	0.0	0.0
G137.0	0.0	0.8	0.0	1.1	0.9	0.0	0.4	0.6	0.0
G138.0	0.0	1.0	1.1	1.2	0.0	0.0	0.3	0.0	0.0
G139.0	0.0	0.9	1.0	1.2	1.1	0.0	0.0	0.3	0.0
G140.0	0.5	0.0	0.0	1.3	0.0	1.3	0.0	0.0	0.5
G141.0	0.5	0.0	1.3	1.3	1.3	1.3	0.0	0.0	0.5
G142.0	0.0	0.0	1.1	0.0	1.4	1.2	0.0	0.0	0.0
G143.0	0.0	0.0	1.3	1.4	1.4	0.0	0.0	0.0	0.0
G144.0	0.0	0.6	0.0	0.0	1.5	0.0	0.0	0.2	0.0
G145.0	0.1	0.4	0.0	1.4	0.0	0.0	0.0	0.0	0.1
G146.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	0.1	0.0
G147.0	0.2	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.2

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	0.0	0.0	1.2	1.5	1.5	0.0	0.2	0.0	0.0	
G149.0	0.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	
G150.0	0.0	0.0	1.1	0.0	1.4	0.0	0.4	0.0	0.0	
G151.0	0.0	0.0	1.0	0.0	1.3	0.8	0.8	0.0	0.0	
G152.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	
G153.0	0.2	0.0	0.0	1.5	0.0	0.8	0.0	0.0	0.2	
G154.0	0.0	0.0	0.8	1.5	0.9	0.7	0.0	0.1	0.0	
G155.0	0.6	0.0	0.7	0.0	0.6	0.6	0.0	0.2	0.6	
G156.0	0.0	0.0	0.5	1.5	0.0	0.7	0.0	0.0	0.0	
G157.0	1.0	0.0	0.4	0.0	0.4	0.7	2.0	0.4	1.0	
G158.0	0.0	0.0	0.3	0.0	0.0	0.6	2.1	0.5	0.0	
G159.0	1.2	0.0	0.0	1.6	0.1	0.0	2.2	0.0	1.2	
G160.0	0.0	0.0	0.1	1.7	0.0	0.0	0.0	0.6	0.0	
G161.0	0.0	1.9	0.5	0.0	0.5	0.6	2.4	0.0	0.0	
G162.0	0.0	2.1	0.6	0.0	0.9	0.6	0.0	0.0	0.0	
G163.0	0.0	0.0	0.0	1.9	0.0	0.1	2.5	0.0	0.0	
G164.0	2.2	0.0	0.0	1.9	0.0	0.2	0.0	0.0	2.2	
G165.0	0.0	2.4	1.2	0.0	1.6	0.6	0.0	0.9	0.0	
G166.0	0.0	0.0	1.6	2.0	0.0	0.6	0.0	0.0	0.0	
G167.0	2.6	0.0	1.8	0.0	0.0	0.6	2.3	1.1	2.6	
G168.0	0.0	0.0	0.0	0.0	2.2	0.6	2.5	0.0	0.0	
G169.0	2.8	0.0	0.0	2.1	2.3	0.7	2.4	1.2	2.8	
G170.0	2.9	0.0	2.3	2.2	0.0	0.6	0.0	1.2	2.9	
G171.0	0.0	0.0	2.3	0.0	2.6	0.6	2.3	1.1	0.0	
G172.0	3.0	0.0	2.5	2.1	0.0	0.6	2.2	0.0	3.0	
G173.0	0.0	2.9	0.0	0.0	0.0	0.6	0.0	0.1	0.0	
G174.0	3.0	2.7	0.0	0.0	2.9	0.8	1.9	1.4	3.0	
G175.0	0.0	2.9	2.8	2.2	2.6	0.5	1.8	1.4	0.0	
G176.0	2.9	0.0	2.9	2.5	2.8	1.0	0.0	0.1	2.9	
G177.0	2.8	0.0	3.0	0.0	0.0	0.2	1.5	1.5	2.8	
G178.0	0.0	0.0	0.0	2.5	0.0	1.3	1.4	1.5	0.0	
G179.0	1.2	0.0	0.0	0.0	1.9	1.2	0.6	0.2	1.2	
G180.0	0.0	2.3	0.0	0.0	1.3	0.0	0.6	1.2	0.0	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: