

Report No.:

Test Time: 2022/5/23 11:23

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 490683 MLS014W12V50KD Power: 3.65 W

Volt Amps: 4.45 VA

Photometric Results

CIE Class: Direct

Measurement Flux: 432.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%,75%,100%): H156,H89.6,H59.8,H2

Vertical Diffuse Angle(10%,50%,75%,100%): V160.2,V120.5,V93.5,V5

Luminaire Efficacy Rating (LER): 119

Max. Intensity: 160 cd

Total Rated Lamp Lumens: 432.9 lm

Efficiency: 100%

Upward Ratio: 1%

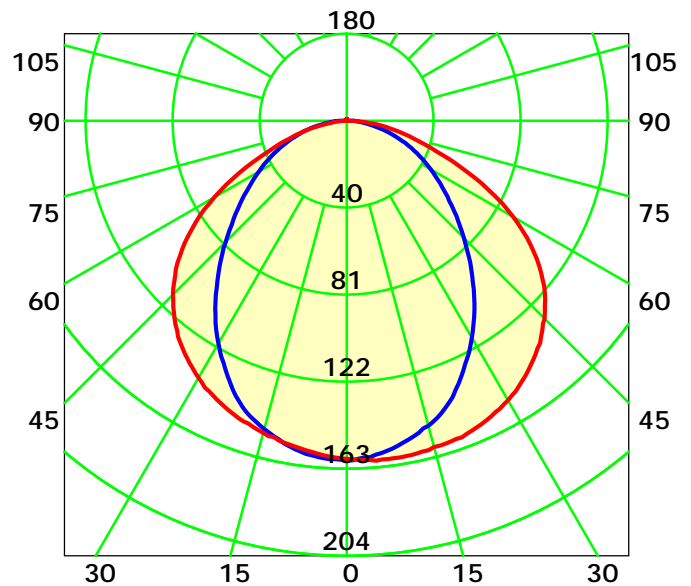
Central Intensity: 158.95 cd

Pos of Max. Intensity: H90 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 105.1° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

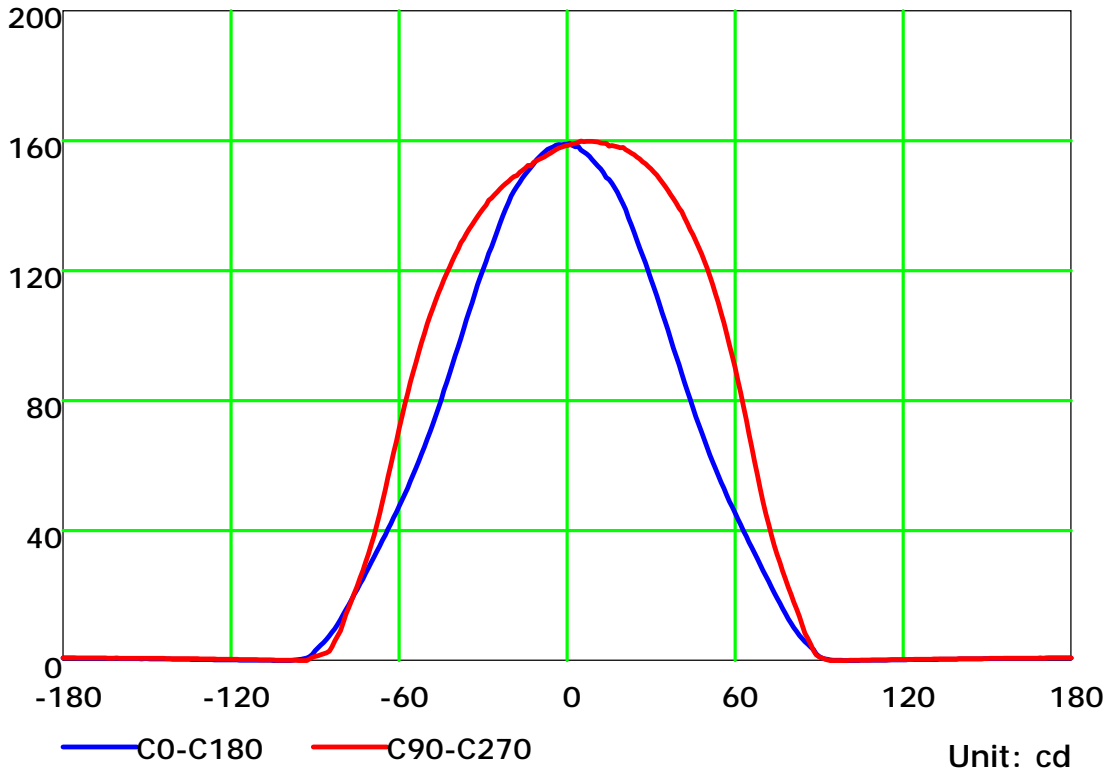
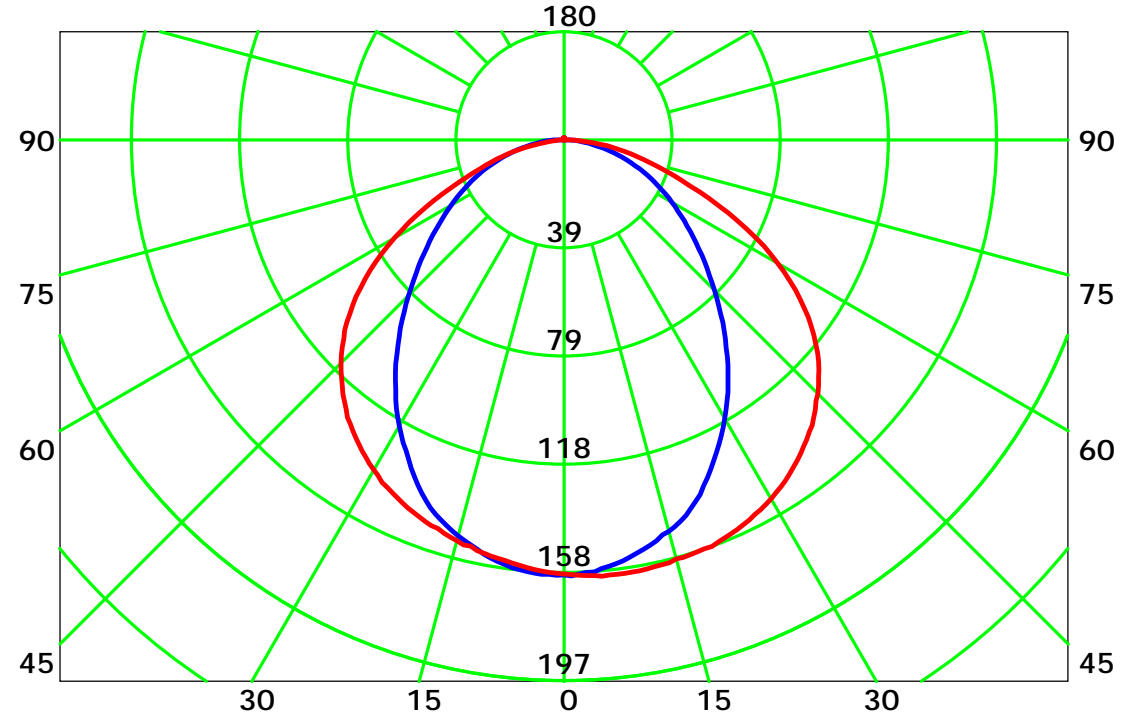
Test Device:

Distance:

Humidity:

Inspector:

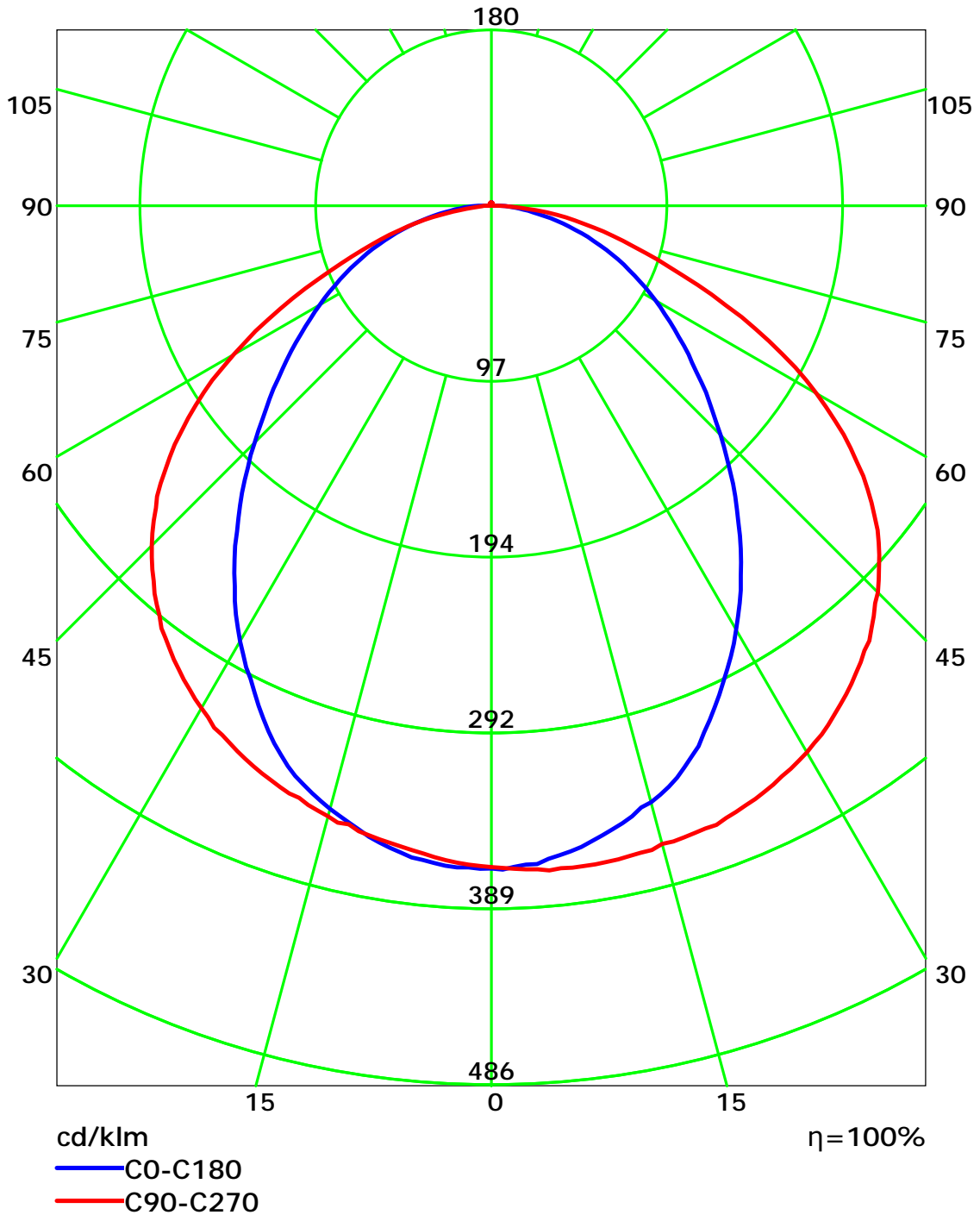
Luminous Intensity Distribution Curve



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:
 Distance:
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



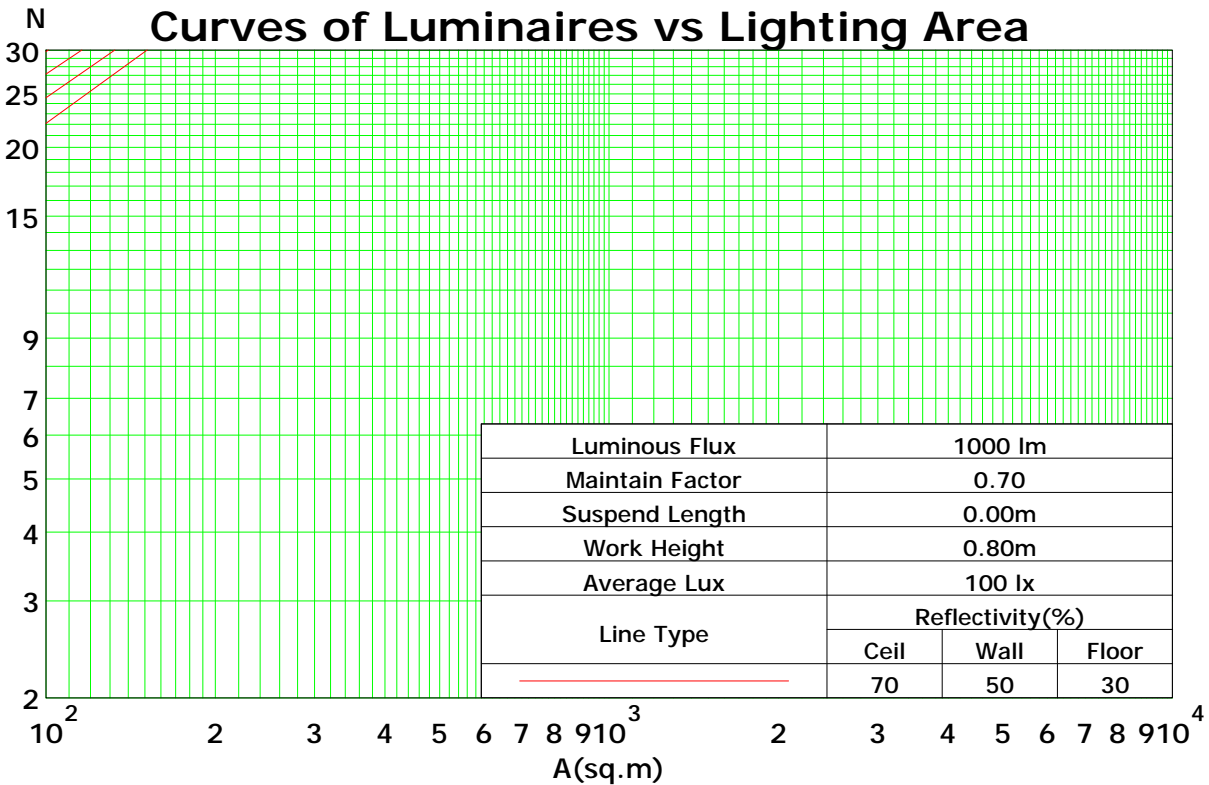
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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	109	104	100	96	106	102	98	95	97	94	91	93	91	89	90	88	86	84
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	73	67	63	70	65	62	59
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	71	57	48	42	69	56	48	42	55	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	48	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

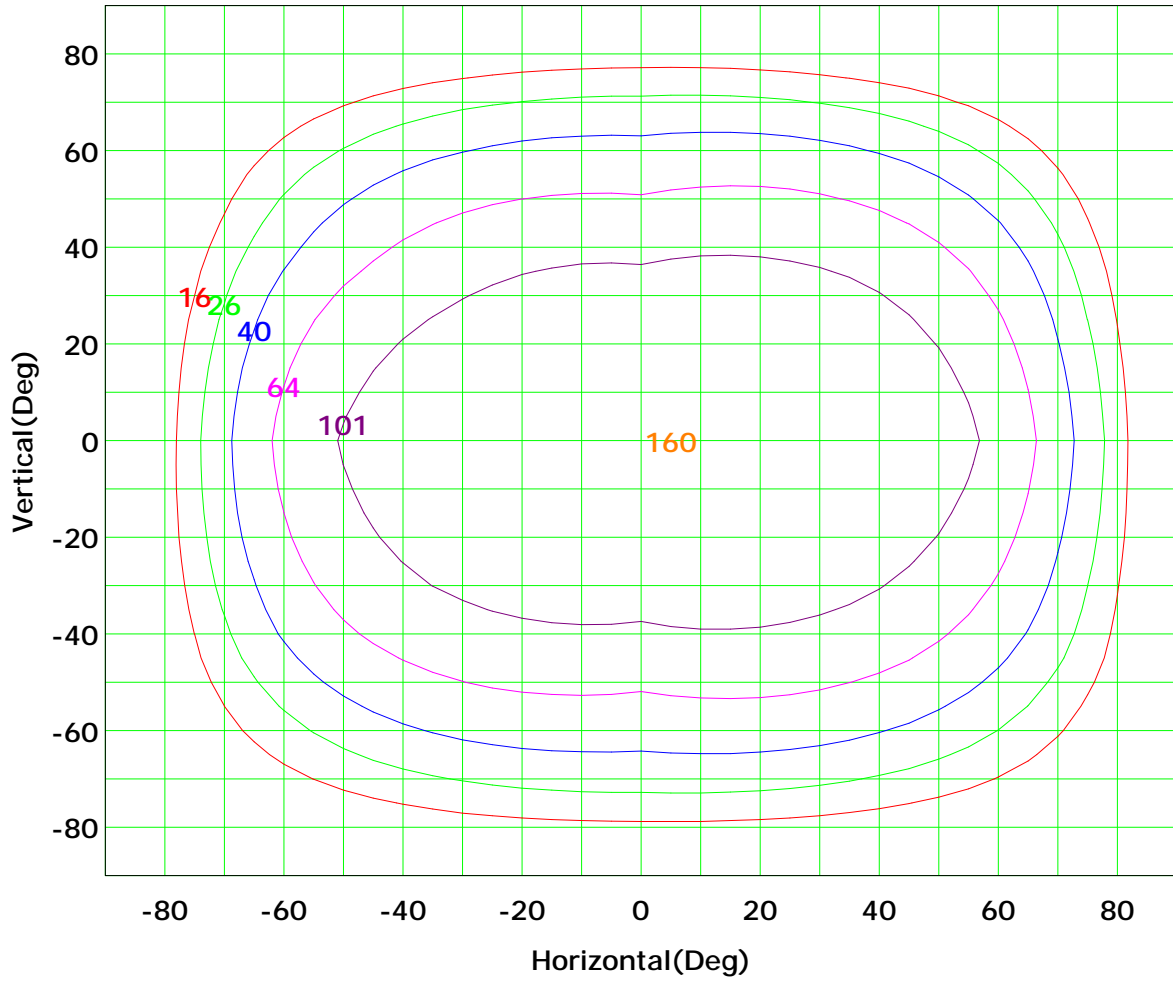
Spacing Criteria (0-180): 1.13
 Spacing Criteria (90-270): 1.36
 Spacing Criteria (Diagonal): 1.36



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:
 Distance:
 Humidity:
 Inspector:

Isocandela (rectangle)



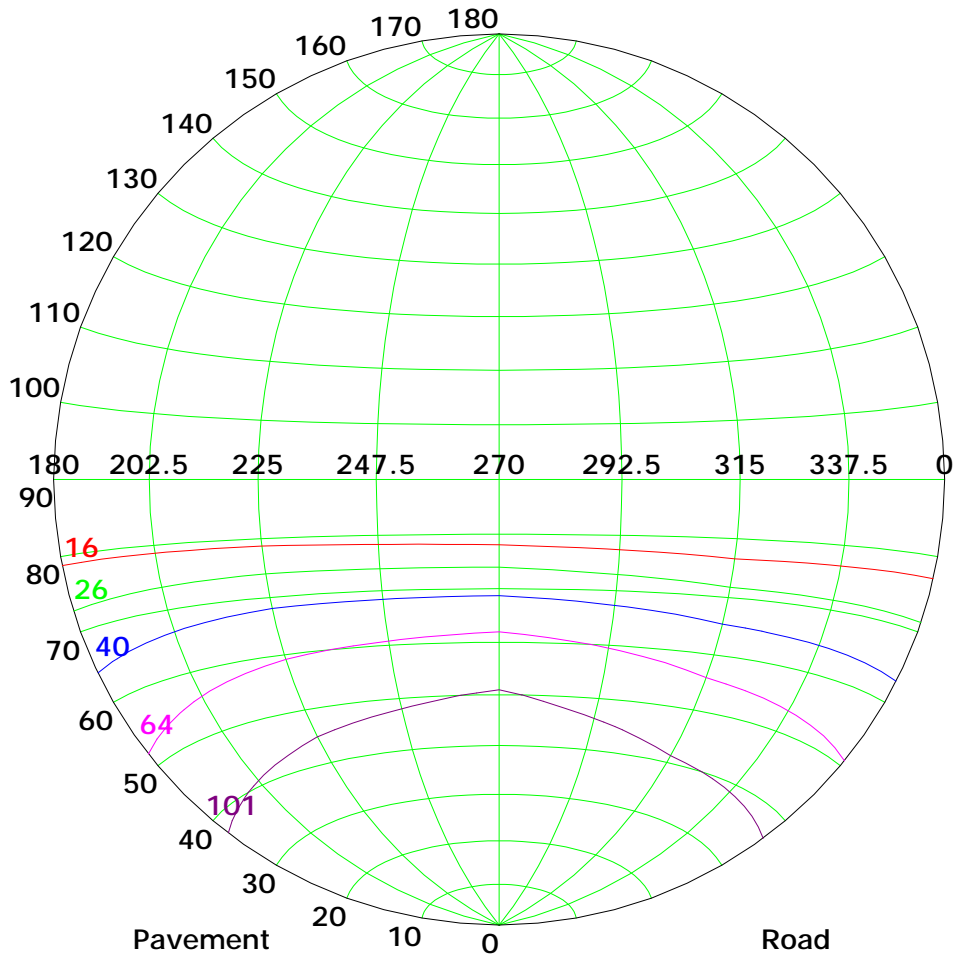
Imax (100%): 160 cd

— (10%):	16 cd	— (16%):	26 cd
— (25%):	40 cd	— (40%):	64 cd
— (63%):	101 cd	— (100%):	160 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:
Distance:
Humidity:
Inspector:

Isocandela (sphere)



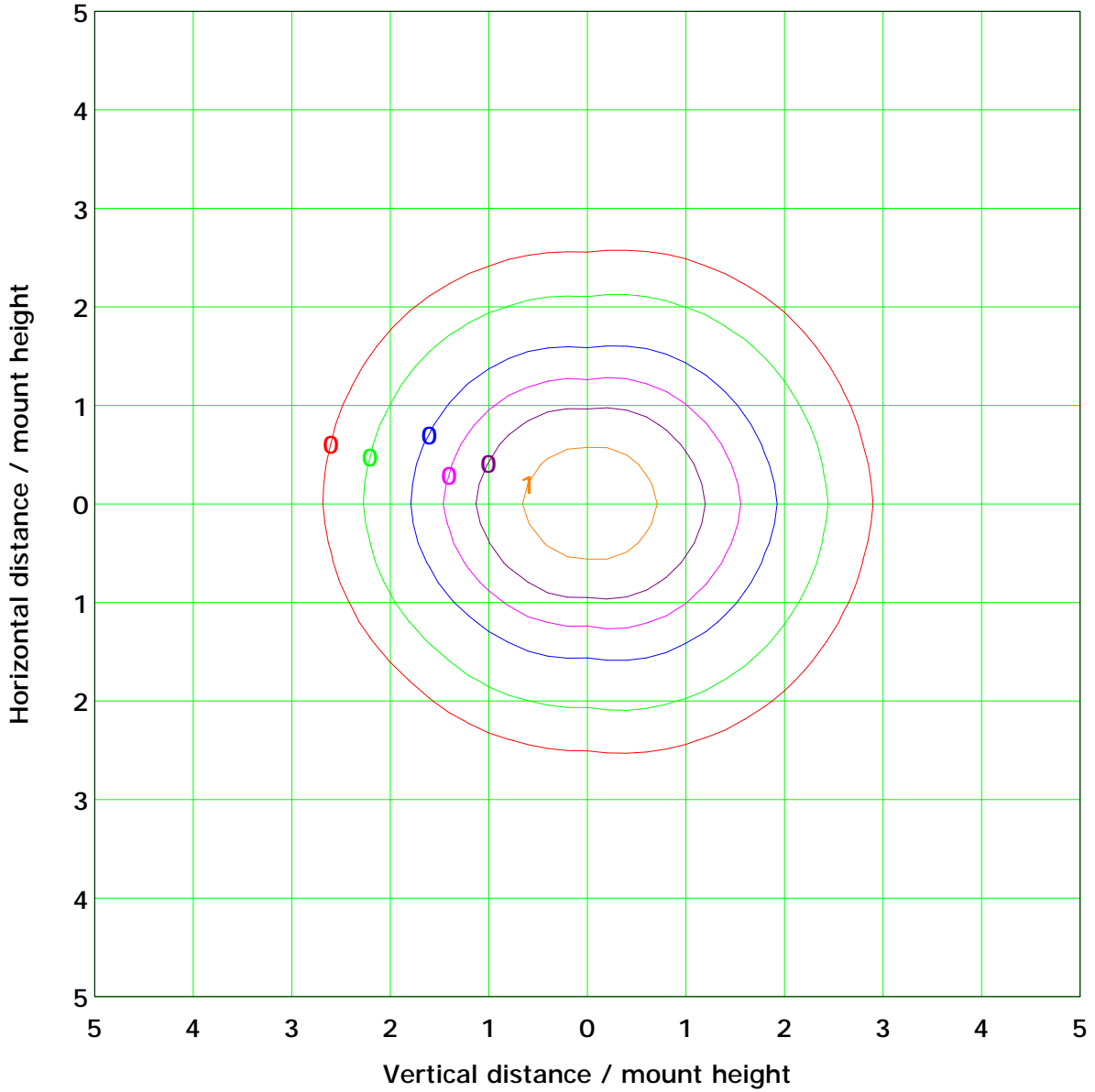
Imax (100%): 160 cd

— (10%):	16 cd	— (16%):	26 cd
— (25%):	40 cd	— (40%):	64 cd
— (63%):	101 cd	— (100%):	160 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:
Distance:
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.6 lx

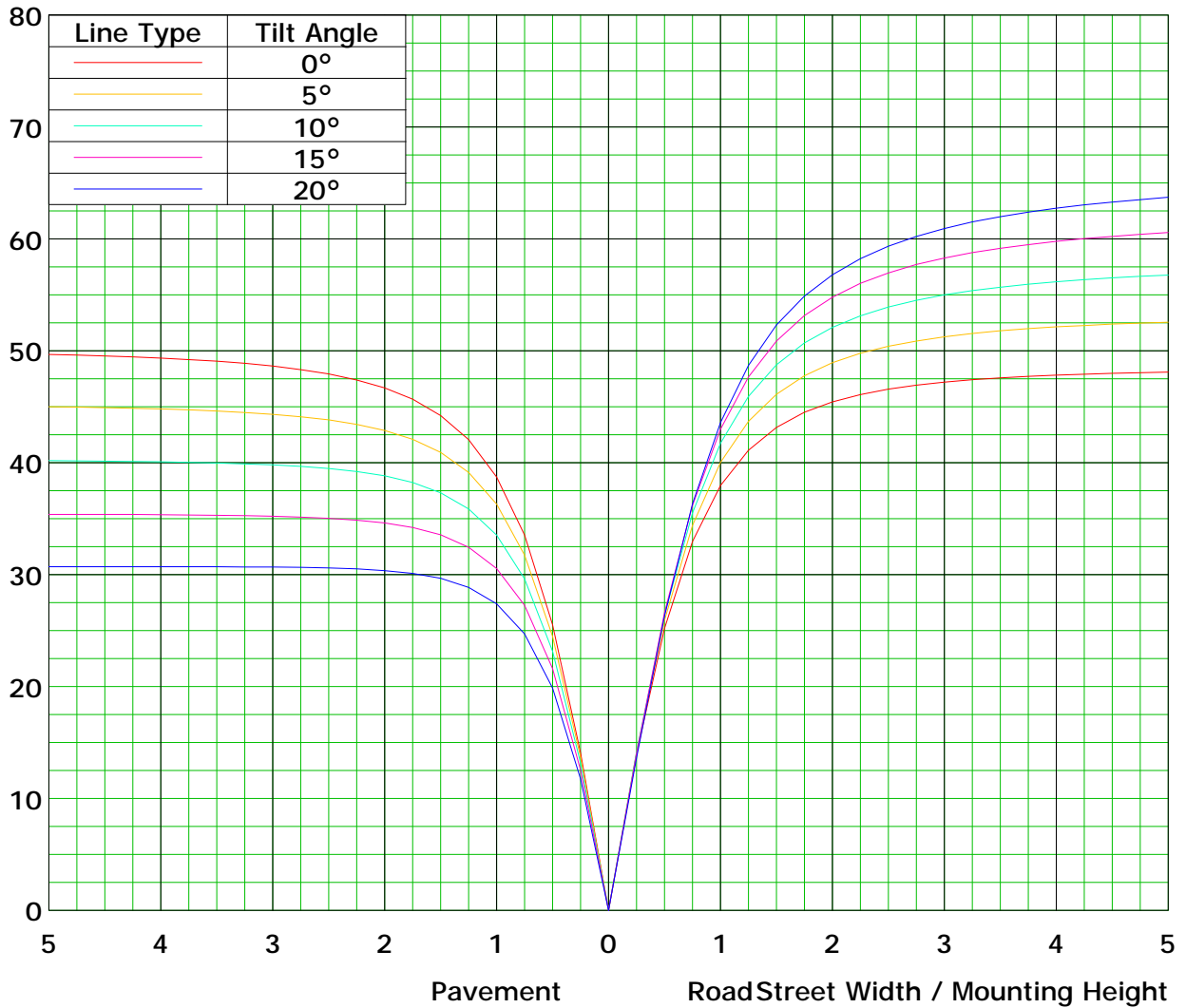
(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.1 lx	(10%): 0.2 lx
(20%): 0.3 lx	(50%): 0.8 lx
(100%): 1.6 lx	

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:
 Distance:
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



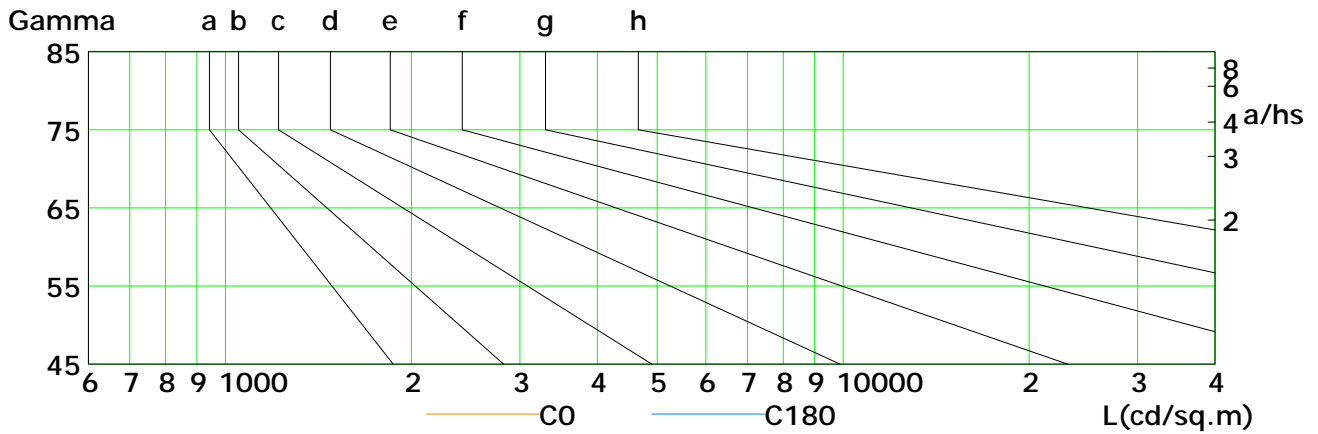
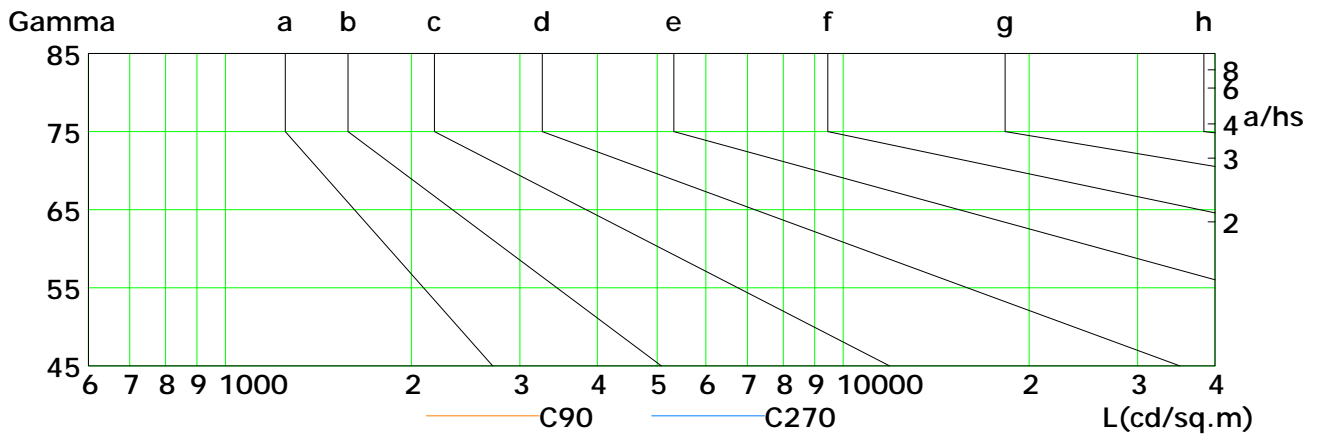
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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

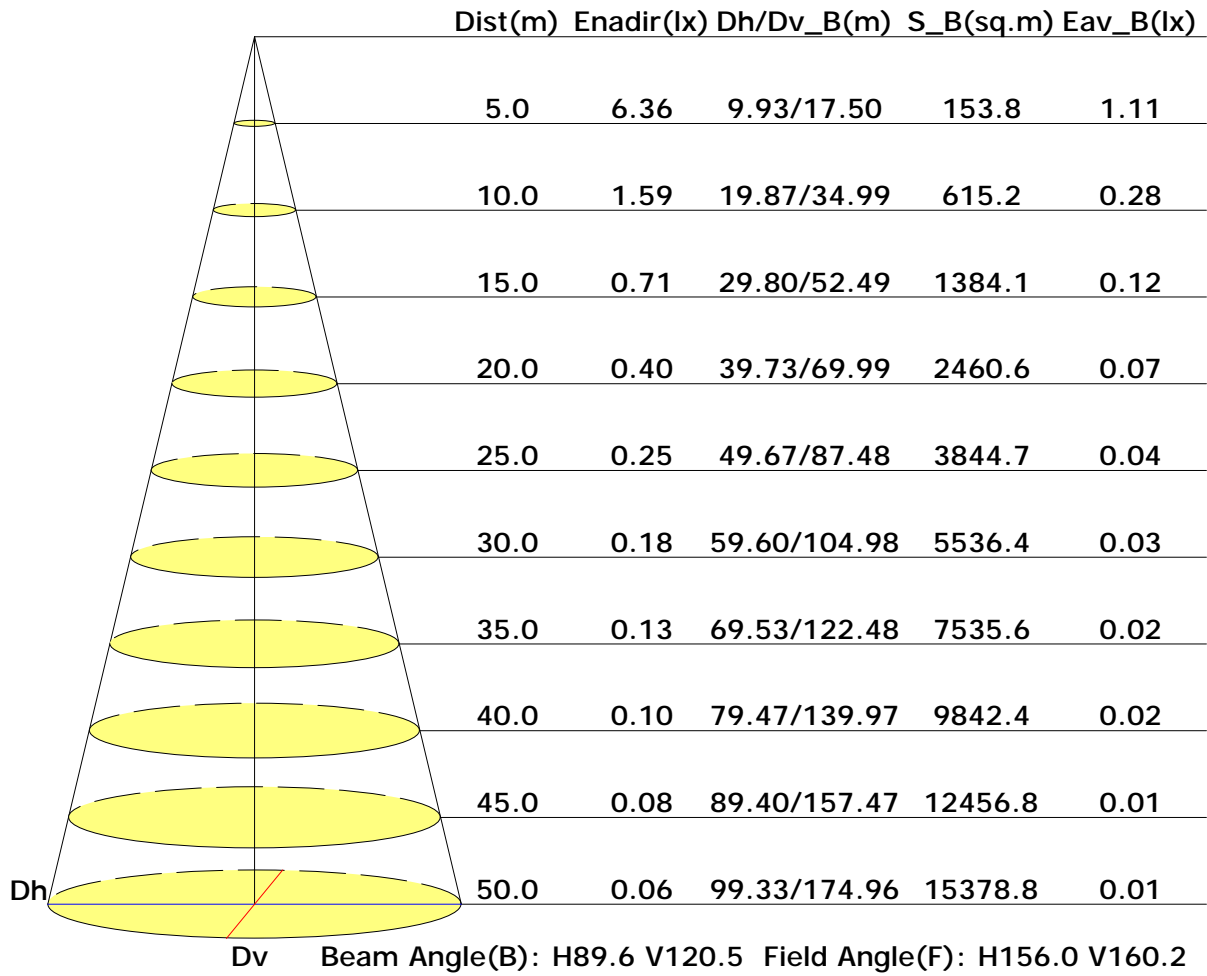


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	78	66	55	45	36	28	19	11	6
C90	131	121	107	90	70	49	33	20	8
C180	80	68	57	48	39	30	22	14	8
C270	115	104	89	71	53	36	23	12	3

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:
 Distance:
 Humidity:
 Inspector:

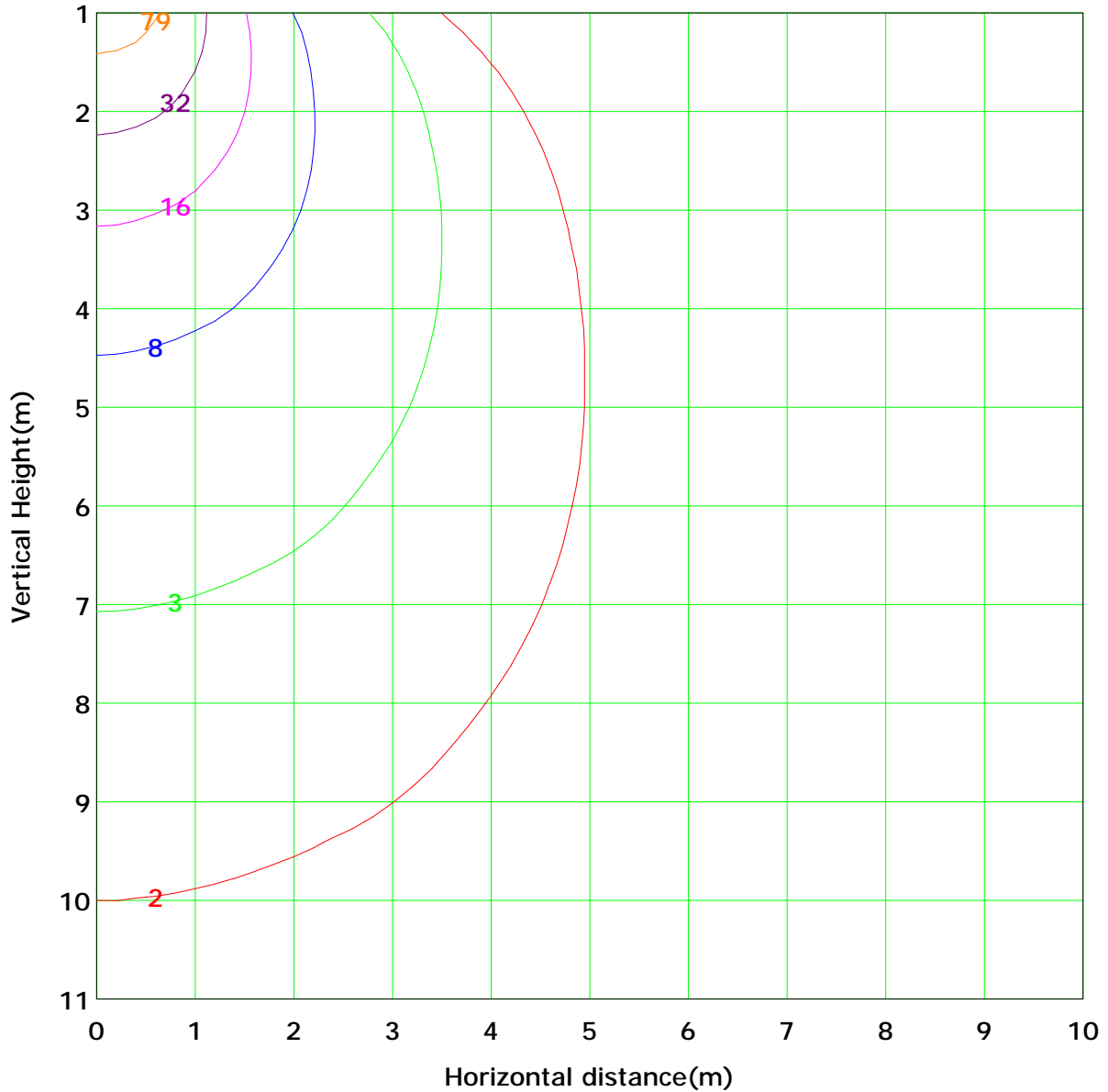
Illuminance at a Distance



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:
 Distance:
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 158.9 lx
(1%): 1.6 lx	(2%): 3.2 lx	
(5%): 7.9 lx	(10%): 15.9 lx	
(20%): 31.8 lx	(50%): 79.5 lx	
(100%): 158.9 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:
 Distance:
 Humidity:
 Inspector:

Area Flux Table

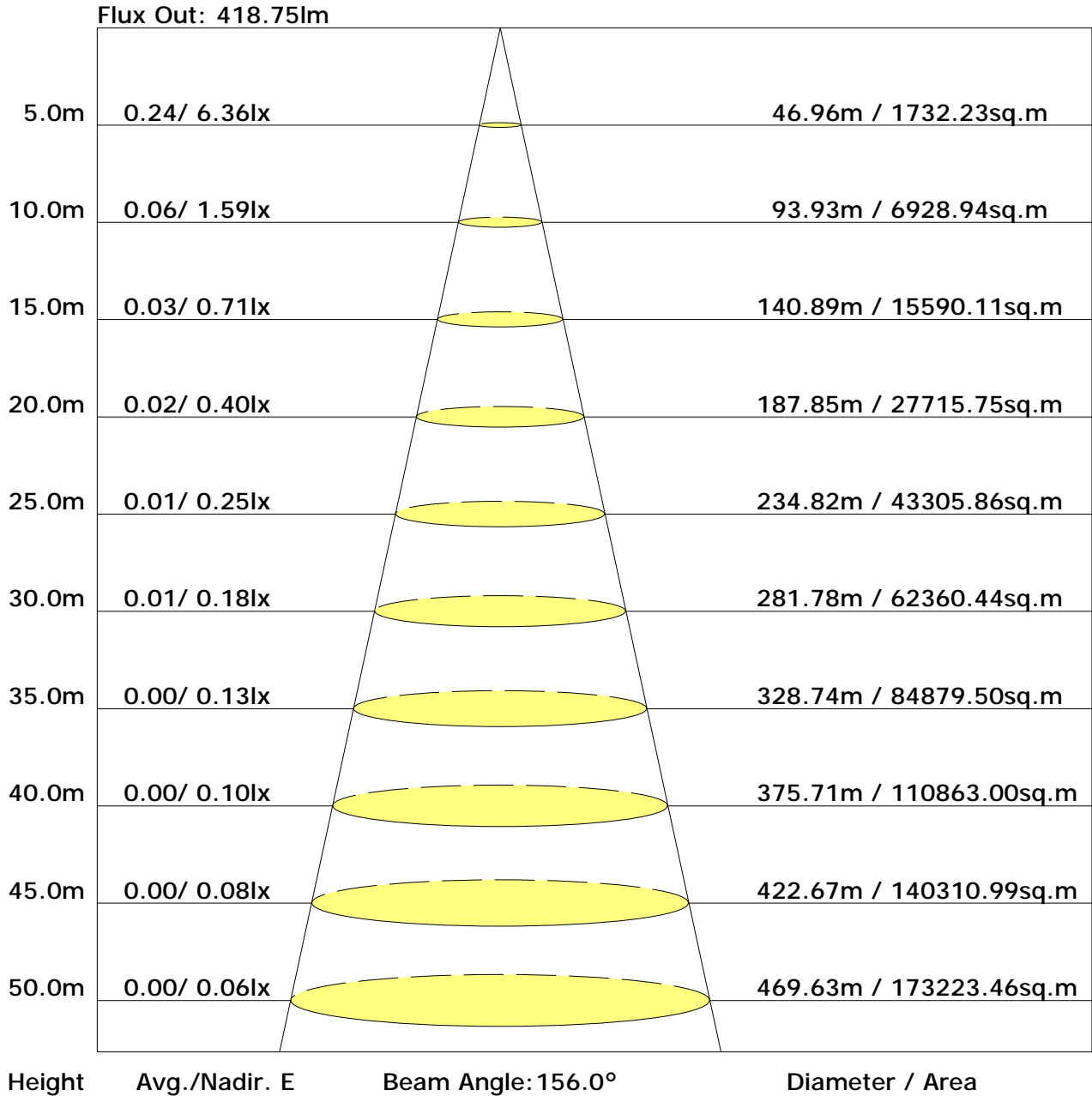
Unit: lx

Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ΦE	ΦT	ΦE	ΦT				
-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	0.0	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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.0
-70.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.0	2.1	1.4		
-60.0	0.1	0.2	0.4	0.6	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1	6.0	5.4			
-50.0	0.1	0.3	0.6	1.0	1.3	1.5	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	1.1	0.7	0.4	0.3	0.1	0.1	12.2	11.7				
-40.0	0.1	0.4	0.9	1.4	1.9	2.3	2.5	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.1	1.6	1.1	0.7	0.4	0.2	0.2	20.9	20.4					
-30.0	0.1	0.6	1.2	1.9	2.5	3.0	3.3	3.6	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.8	2.2	1.6	1.1	0.8	0.5	0.3	31.3	30.8						
-20.0	0.1	0.7	1.4	2.3	3.1	3.6	4.0	4.2	4.4	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	2.7	2.0	1.5	0.9	0.6	0.3	41.6	41.1						
-10.0	0.1	0.7	1.6	2.6	3.4	3.9	4.3	4.5	4.7	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.8	3.1	2.4	1.8	1.2	0.7	0.3	49.8	49.3						
0.0	0.1	0.7	1.6	2.6	3.4	3.9	4.3	4.5	4.7	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.8	3.1	2.4	1.8	1.2	0.7	0.3	54.7	54.3						
10.0	0.1	0.7	1.5	2.6	3.4	3.9	4.3	4.5	4.7	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.8	3.1	2.4	1.8	1.2	0.7	0.3	54.3	53.9						
20.0	0.1	0.6	1.3	2.2	2.9	3.5	3.8	4.1	4.3	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.4	2.7	2.1	1.5	0.9	0.5	0.3	48.8	48.3						
30.0	0.1	0.5	1.1	1.7	2.3	2.8	3.2	3.4	3.6	3.6	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.8	2.2	1.6	1.1	0.7	0.4	0.2	40.2	39.7						
40.0	0.1	0.4	0.8	1.2	1.7	2.1	2.4	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.1	1.6	1.1	0.7	0.5	0.2	0.2	29.7	29.2						
50.0	0.1	0.2	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.4	1.1	0.7	0.4	0.2	0.1	0.1	19.6	19.0						
60.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.2	0.1	0.1	11.3	10.7							
70.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1	5.4	4.8								
80.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.3	0.2	0.1	0.0	0.0	1.8	1.0								
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0					
ΦE	1.5	5.7	12.1	19.5	25.9	30.7	34.1	36.4	37.5	38.1	38.2	38.2	36.9	34.1	29.7	23.5	15.6	8.0	2.7	430																	
ΦT	3.8	11.5	19.3	25.7	30.5	34.0	36.3	37.4	38.0	38.1	38.1	36.8	34.0	29.6	23.3	15.2	7.0	0.4	421																		
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:
 Distance:
 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:
 Distance:
 Humidity:
 Inspector:

UGR Table

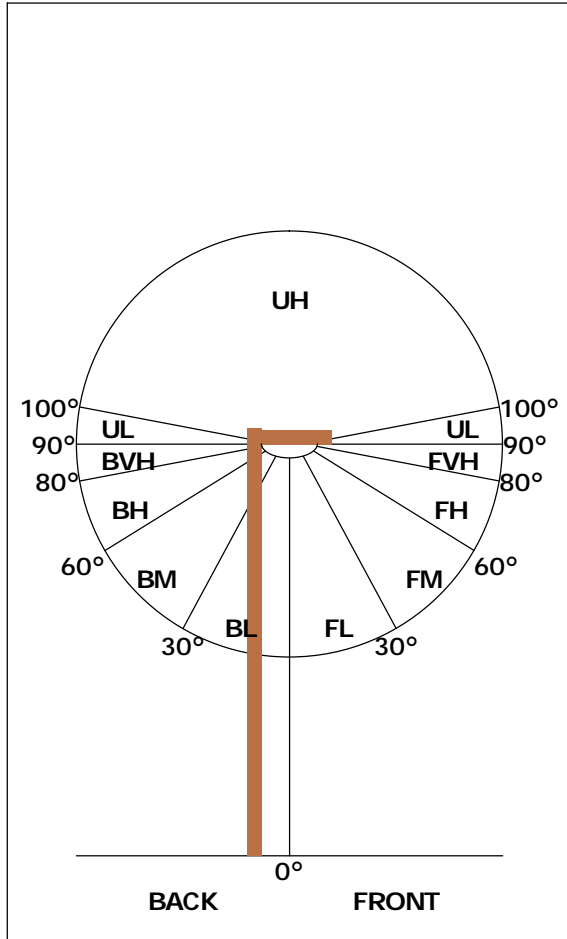
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



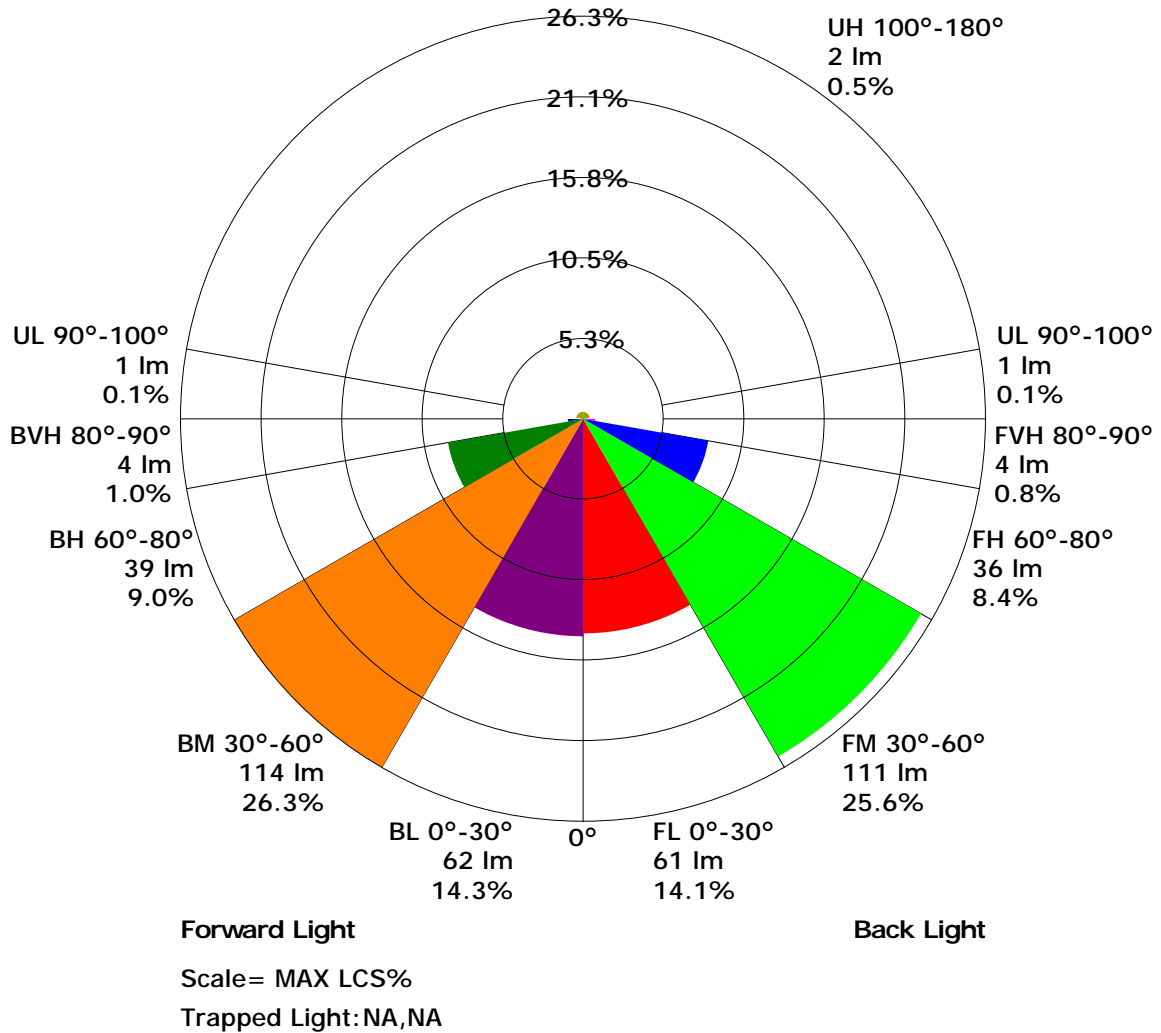
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	211	48.8
FL (0°-30°)	61	14.1
FM (30°-60°)	111	25.6
FH (60°-80°)	36	8.4
FVH (80°-90°)	4	0.8
BACK LIGHT	219	50.6
BL (0°-30°)	62	14.3
BM (30°-60°)	114	26.3
BH (60°-80°)	39	9.0
BVH (80°-90°)	4	1.0
UP LIGHT	3	0.6
UL (90°-100°)	1	0.1
UH (100°-180°)	2	0.5
TRAPPED LIGHT	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
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

LCS Graph



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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
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	0.68	0.75	0.81	0.88	0.93	0.96	1.01	1.03	
	0.30		0.50	0.60	0.68	0.74	0.82	0.87	0.91	0.97	1.00	
	0.20		0.44	0.55	0.62	0.68	0.77	0.83	0.87	0.93	0.97	
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.97	0.99	
	0.30		0.49	0.59	0.66	0.72	0.79	0.85	0.88	0.93	0.96	
	0.20		0.44	0.54	0.62	0.67	0.75	0.81	0.85	0.90	0.94	
0.30	0.50	0.20	0.54	0.64	0.70	0.75	0.82	0.86	0.89	0.93	0.95	
	0.30		0.48	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93	
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91	
0.00	0.00	0.00	0.41	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86	
<p>Rating: 4W 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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
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	0.98	0.81	0.68	0.60	0.47	0.39	0.34	0.26	0.21	
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.25	0.20	
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.94	0.77	0.66	0.57	0.45	0.41	0.32	0.25	0.20	
	0.30		0.80	0.67	0.58	0.51	0.41	0.35	0.30	0.23	0.19	
	0.20		0.69	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.19	
0.30	0.50	0.20	0.92	0.74	0.63	0.55	0.43	0.36	0.30	0.23	0.19	
	0.30		0.78	0.65	0.56	0.49	0.40	0.33	0.29	0.22	0.19	
	0.20		0.69	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.18	
0.00	0.00	0.00	0.58	0.49	0.42	0.37	0.29	0.25	0.21	0.16	0.14	
<p>Rating: 4W 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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
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	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.20	
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
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: 4W 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:
 Distance:
 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	158.7	0.2	0.2	0.04	0.04
1.0-2.0	158.7	0.5	0.6	0.11	0.14
2.0-3.0	158.5	0.8	1.4	0.18	0.32
3.0-4.0	158.4	1.1	2.4	0.24	0.56
4.0-5.0	158.1	1.4	3.8	0.31	0.87
5.0-6.0	157.7	1.7	5.4	0.38	1.26
6.0-7.0	157.3	2.0	7.4	0.45	1.71
7.0-8.0	156.8	2.2	9.6	0.52	2.23
8.0-9.0	156.3	2.5	12.2	0.59	2.81
9.0-10.0	155.8	2.8	15.0	0.65	3.46
10.0-11.0	155.2	3.1	18.1	0.72	4.18
11.0-12.0	154.5	3.4	21.5	0.78	4.96
12.0-13.0	153.7	3.6	25.1	0.84	5.80
13.0-14.0	153.0	3.9	29.0	0.90	6.71
14.0-15.0	152.2	4.2	33.2	0.97	7.67
15.0-16.0	151.3	4.4	37.6	1.02	8.70
16.0-17.0	150.5	4.7	42.3	1.08	9.78
17.0-18.0	149.6	4.9	47.3	1.14	10.92
18.0-19.0	148.6	5.2	52.4	1.19	12.11
19.0-20.0	147.6	5.4	57.8	1.25	13.36
20.0-21.0	146.6	5.6	63.5	1.30	14.66
21.0-22.0	145.4	5.8	69.3	1.35	16.01
22.0-23.0	144.1	6.0	75.4	1.40	17.41
23.0-24.0	142.8	6.2	81.6	1.44	18.85
24.0-25.0	141.4	6.4	88.0	1.49	20.34
25.0-26.0	140.0	6.6	94.6	1.53	21.86
26.0-27.0	138.5	6.8	101.4	1.57	23.43
27.0-28.0	136.9	6.9	108.4	1.60	25.03
28.0-29.0	135.3	7.1	115.4	1.64	26.67
29.0-30.0	133.6	7.2	122.7	1.67	28.33
30.0-31.0	131.9	7.3	130.0	1.70	30.03
31.0-32.0	130.1	7.5	137.5	1.72	31.75
32.0-33.0	128.3	7.6	145.0	1.75	33.50
33.0-34.0	126.4	7.7	152.7	1.77	35.27
34.0-35.0	124.5	7.7	160.4	1.79	37.05
35.0-36.0	122.5	7.8	168.2	1.80	38.86

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:
 Distance:
 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	120.5	7.9	176.1	1.82	40.67
37.0-38.0	118.4	7.9	184.0	1.83	42.50
38.0-39.0	116.4	7.9	191.9	1.84	44.33
39.0-40.0	114.3	8.0	199.9	1.84	46.17
40.0-41.0	112.1	8.0	207.9	1.84	48.02
41.0-42.0	109.9	8.0	215.9	1.85	49.86
42.0-43.0	107.6	8.0	223.8	1.84	51.71
43.0-44.0	105.4	8.0	231.8	1.84	53.54
44.0-45.0	103.1	7.9	239.7	1.83	55.37
45.0-46.0	100.7	7.9	247.6	1.82	57.19
46.0-47.0	98.4	7.8	255.4	1.81	59.00
47.0-48.0	96.0	7.8	263.2	1.79	60.79
48.0-49.0	93.6	7.7	270.9	1.78	62.57
49.0-50.0	91.2	7.6	278.5	1.76	64.32
50.0-51.0	88.7	7.5	286.0	1.73	66.06
51.0-52.0	86.1	7.4	293.4	1.71	67.77
52.0-53.0	83.6	7.3	300.6	1.68	69.45
53.0-54.0	81.0	7.1	307.8	1.65	71.10
54.0-55.0	78.4	7.0	314.8	1.62	72.71
55.0-56.0	75.7	6.8	321.6	1.58	74.29
56.0-57.0	73.0	6.7	328.3	1.54	75.84
57.0-58.0	70.3	6.5	334.8	1.50	77.34
58.0-59.0	67.6	6.3	341.1	1.46	78.80
59.0-60.0	64.9	6.1	347.2	1.42	80.21
60.0-61.0	62.1	5.9	353.2	1.37	81.58
61.0-62.0	59.3	5.7	358.9	1.32	82.90
62.0-63.0	56.5	5.5	364.4	1.27	84.17
63.0-64.0	53.7	5.3	369.7	1.22	85.39
64.0-65.0	50.9	5.0	374.7	1.16	86.55
65.0-66.0	48.1	4.8	379.5	1.11	87.66
66.0-67.0	45.4	4.6	384.0	1.05	88.72
67.0-68.0	42.6	4.3	388.4	1.00	89.71
68.0-69.0	40.0	4.1	392.4	0.94	90.66
69.0-70.0	37.4	3.8	396.3	0.89	91.54
70.0-71.0	34.8	3.6	399.9	0.83	92.37
71.0-72.0	32.4	3.4	403.2	0.78	93.15

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:
 Distance:
 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	30.1	3.1	406.4	0.73	93.88
73.0-74.0	27.8	2.9	409.3	0.67	94.55
74.0-75.0	25.5	2.7	412.0	0.62	95.17
75.0-76.0	23.4	2.5	414.5	0.57	95.75
76.0-77.0	21.3	2.3	416.8	0.52	96.27
77.0-78.0	19.2	2.1	418.8	0.48	96.75
78.0-79.0	17.3	1.9	420.7	0.43	97.18
79.0-80.0	15.4	1.7	422.3	0.38	97.56
80.0-81.0	13.5	1.5	423.8	0.34	97.90
81.0-82.0	11.9	1.3	425.1	0.30	98.19
82.0-83.0	10.3	1.1	426.2	0.26	98.45
83.0-84.0	8.8	1.0	427.2	0.22	98.67
84.0-85.0	7.4	0.8	428.0	0.19	98.86
85.0-86.0	6.2	0.7	428.6	0.16	99.02
86.0-87.0	5.2	0.6	429.2	0.13	99.15
87.0-88.0	4.3	0.5	429.7	0.11	99.26
88.0-89.0	3.3	0.4	430.0	0.08	99.34
89.0-90.0	2.5	0.3	430.3	0.06	99.40
90.0-91.0	1.8	0.2	430.5	0.04	99.45
91.0-92.0	1.2	0.1	430.6	0.03	99.48
92.0-93.0	0.7	0.1	430.7	0.02	99.50
93.0-94.0	0.4	0.0	430.8	0.01	99.50
94.0-95.0	0.2	0.0	430.8	0.01	99.51
95.0-96.0	0.1	0.0	430.8	0.00	99.51
96.0-97.0	0.1	0.0	430.8	0.00	99.52
97.0-98.0	0.1	0.0	430.8	0.00	99.52
98.0-99.0	0.1	0.0	430.8	0.00	99.52
99.0-100.0	0.0	0.0	430.8	0.00	99.52
100.0-101.0	0.1	0.0	430.8	0.00	99.52
101.0-102.0	0.1	0.0	430.8	0.00	99.52
102.0-103.0	0.1	0.0	430.8	0.00	99.53
103.0-104.0	0.1	0.0	430.9	0.00	99.53
104.0-105.0	0.1	0.0	430.9	0.00	99.53
105.0-106.0	0.1	0.0	430.9	0.00	99.53
106.0-107.0	0.1	0.0	430.9	0.00	99.54
107.0-108.0	0.2	0.0	430.9	0.00	99.54

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:
 Distance:
 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	430.9	0.00	99.55
109.0-110.0	0.2	0.0	430.9	0.00	99.55
110.0-111.0	0.2	0.0	431.0	0.00	99.55
111.0-112.0	0.2	0.0	431.0	0.00	99.56
112.0-113.0	0.2	0.0	431.0	0.01	99.56
113.0-114.0	0.2	0.0	431.0	0.01	99.57
114.0-115.0	0.2	0.0	431.1	0.01	99.58
115.0-116.0	0.3	0.0	431.1	0.01	99.58
116.0-117.0	0.3	0.0	431.1	0.01	99.59
117.0-118.0	0.3	0.0	431.1	0.01	99.59
118.0-119.0	0.3	0.0	431.2	0.01	99.60
119.0-120.0	0.3	0.0	431.2	0.01	99.61
120.0-121.0	0.3	0.0	431.2	0.01	99.61
121.0-122.0	0.3	0.0	431.3	0.01	99.62
122.0-123.0	0.3	0.0	431.3	0.01	99.63
123.0-124.0	0.4	0.0	431.3	0.01	99.64
124.0-125.0	0.4	0.0	431.4	0.01	99.65
125.0-126.0	0.4	0.0	431.4	0.01	99.65
126.0-127.0	0.4	0.0	431.4	0.01	99.66
127.0-128.0	0.4	0.0	431.5	0.01	99.67
128.0-129.0	0.4	0.0	431.5	0.01	99.68
129.0-130.0	0.4	0.0	431.5	0.01	99.69
130.0-131.0	0.4	0.0	431.6	0.01	99.69
131.0-132.0	0.5	0.0	431.6	0.01	99.70
132.0-133.0	0.5	0.0	431.6	0.01	99.71
133.0-134.0	0.5	0.0	431.7	0.01	99.72
134.0-135.0	0.5	0.0	431.7	0.01	99.73
135.0-136.0	0.5	0.0	431.8	0.01	99.74
136.0-137.0	0.5	0.0	431.8	0.01	99.75
137.0-138.0	0.5	0.0	431.8	0.01	99.76
138.0-139.0	0.5	0.0	431.9	0.01	99.76
139.0-140.0	0.5	0.0	431.9	0.01	99.77
140.0-141.0	0.5	0.0	432.0	0.01	99.78
141.0-142.0	0.6	0.0	432.0	0.01	99.79
142.0-143.0	0.6	0.0	432.0	0.01	99.80
143.0-144.0	0.6	0.0	432.1	0.01	99.81

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:
 Distance:
 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	0.6	0.0	432.1	0.01	99.82
145.0-146.0	0.6	0.0	432.1	0.01	99.83
146.0-147.0	0.6	0.0	432.2	0.01	99.83
147.0-148.0	0.6	0.0	432.2	0.01	99.84
148.0-149.0	0.6	0.0	432.3	0.01	99.85
149.0-150.0	0.6	0.0	432.3	0.01	99.86
150.0-151.0	0.7	0.0	432.3	0.01	99.87
151.0-152.0	0.7	0.0	432.4	0.01	99.88
152.0-153.0	0.7	0.0	432.4	0.01	99.88
153.0-154.0	0.7	0.0	432.4	0.01	99.89
154.0-155.0	0.7	0.0	432.5	0.01	99.90
155.0-156.0	0.7	0.0	432.5	0.01	99.91
156.0-157.0	0.7	0.0	432.5	0.01	99.91
157.0-158.0	0.7	0.0	432.5	0.01	99.92
158.0-159.0	0.7	0.0	432.6	0.01	99.93
159.0-160.0	0.7	0.0	432.6	0.01	99.93
160.0-161.0	0.7	0.0	432.6	0.01	99.94
161.0-162.0	0.7	0.0	432.7	0.01	99.94
162.0-163.0	0.7	0.0	432.7	0.01	99.95
163.0-164.0	0.7	0.0	432.7	0.01	99.96
164.0-165.0	0.8	0.0	432.7	0.01	99.96
165.0-166.0	0.8	0.0	432.7	0.00	99.97
166.0-167.0	0.8	0.0	432.8	0.00	99.97
167.0-168.0	0.8	0.0	432.8	0.00	99.97
168.0-169.0	0.8	0.0	432.8	0.00	99.98
169.0-170.0	0.8	0.0	432.8	0.00	99.98
170.0-171.0	0.8	0.0	432.8	0.00	99.99
171.0-172.0	0.8	0.0	432.8	0.00	99.99
172.0-173.0	0.8	0.0	432.9	0.00	99.99
173.0-174.0	0.8	0.0	432.9	0.00	99.99
174.0-175.0	0.8	0.0	432.9	0.00	100.00
175.0-176.0	0.8	0.0	432.9	0.00	100.00
176.0-177.0	0.8	0.0	432.9	0.00	100.00
177.0-178.0	0.8	0.0	432.9	0.00	100.00
178.0-179.0	0.8	0.0	432.9	0.00	100.00
179.0-180.0	0.8	0.0	432.9	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:
 Distance:
 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	158.9	158.8	158.6	158.3	158.9	158.8	158.6	158.3	158.9	
G1.0	159.2	158.9	158.8	158.8	159.0	158.3	158.4	158.2	159.2	
G2.0	158.6	159.0	159.1	159.0	158.7	158.6	158.1	157.8	158.6	
G3.0	158.2	159.0	159.3	158.6	158.9	158.4	157.7	157.4	158.2	
G4.0	158.2	158.8	159.5	159.2	158.6	157.7	157.3	156.8	158.2	
G5.0	157.2	158.6	160.0	159.2	158.2	157.3	156.8	156.2	157.2	
G6.0	156.6	158.2	159.8	159.2	157.8	156.8	156.2	155.4	156.6	
G7.0	156.0	158.1	159.9	158.8	157.4	156.2	155.7	154.5	156.0	
G8.0	155.3	157.6	159.9	158.6	156.6	155.6	155.2	153.8	155.3	
G9.0	154.3	157.3	159.9	158.4	155.9	154.9	154.8	153.0	154.3	
G10.0	153.3	156.9	159.8	158.1	155.1	154.2	154.3	152.1	153.3	
G11.0	152.3	156.3	159.6	157.9	154.1	153.5	153.8	151.2	152.3	
G12.0	151.4	155.7	159.4	157.4	152.9	152.8	153.4	150.3	151.4	
G13.0	150.3	155.1	159.2	156.4	151.9	151.9	152.2	149.6	150.3	
G14.0	148.7	154.4	159.2	156.2	150.8	151.1	152.5	147.9	148.7	
G15.0	148.1	153.7	158.4	155.5	149.7	150.1	151.6	146.9	148.1	
G16.0	147.0	152.9	158.6	154.6	148.6	149.1	150.9	145.9	147.0	
G17.0	145.7	152.1	158.4	153.7	147.3	148.1	150.3	144.9	145.7	
G18.0	144.2	151.3	158.1	152.9	146.0	147.0	149.3	143.8	144.2	
G19.0	142.4	150.3	157.9	152.1	144.6	145.9	149.1	142.7	142.4	
G20.0	140.5	149.7	158.0	151.2	143.0	144.9	148.4	141.6	140.5	
G21.0	138.8	148.9	157.3	150.3	141.0	143.8	147.6	140.3	138.8	
G22.0	136.2	148.1	156.8	149.4	139.1	142.9	146.8	139.0	136.2	
G23.0	134.0	147.0	156.2	148.9	136.9	141.4	146.0	137.5	134.0	
G24.0	131.7	146.1	155.7	147.5	134.6	140.2	145.2	136.1	131.7	
G25.0	129.4	145.1	155.1	146.4	132.2	138.9	144.3	134.5	129.4	
G26.0	127.0	143.9	154.4	145.2	129.8	137.3	143.4	132.8	127.0	
G27.0	124.7	142.6	153.6	143.9	127.3	136.4	142.4	130.9	124.7	
G28.0	122.4	141.0	153.0	142.2	125.3	134.5	141.7	129.1	122.4	
G29.0	120.1	139.5	152.2	140.9	122.9	132.8	140.2	127.2	120.1	
G30.0	117.4	138.1	151.4	139.4	120.6	131.3	139.1	125.3	117.4	
G31.0	114.9	136.5	150.4	137.7	118.1	129.5	138.0	123.2	114.9	
G32.0	112.4	134.7	149.5	136.0	115.7	127.8	136.7	121.2	112.4	
G33.0	109.9	133.1	148.5	134.2	113.0	125.8	135.5	119.2	109.9	
G34.0	107.1	131.6	147.2	132.4	110.1	124.0	134.2	117.2	107.1	
G35.0	104.4	129.7	146.0	130.6	107.6	121.9	132.8	115.1	104.4	
G36.0	101.8	127.7	144.8	128.8	104.8	120.0	131.4	112.9	101.8	

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:
 Distance:
 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	99.2	125.5	143.5	126.8	102.2	118.0	129.9	110.6	99.2	
G38.0	96.2	123.9	142.2	124.8	99.2	116.1	128.6	108.5	96.2	
G39.0	93.7	122.0	140.8	122.8	96.4	114.2	126.5	106.2	93.7	
G40.0	91.0	119.8	139.3	120.7	93.8	112.1	124.9	103.9	91.0	
G41.0	88.4	117.8	138.3	118.6	91.2	109.7	123.2	101.6	88.4	
G42.0	85.6	115.5	136.3	116.1	88.5	107.6	121.1	99.2	85.6	
G43.0	82.9	113.4	134.6	113.9	85.6	105.5	119.3	96.6	82.9	
G44.0	80.3	111.3	132.5	111.6	83.2	103.2	117.3	94.5	80.3	
G45.0	77.8	108.6	131.2	109.1	80.4	100.7	115.3	92.0	77.8	
G46.0	75.1	106.5	129.2	106.7	77.7	98.4	113.2	89.4	75.1	
G47.0	72.7	104.2	127.2	104.4	75.2	96.3	110.8	86.9	72.7	
G48.0	70.4	101.5	125.3	101.7	72.7	93.7	108.3	84.0	70.4	
G49.0	68.3	99.1	123.2	99.3	70.5	91.3	106.3	81.9	68.3	
G50.0	65.8	96.6	121.0	96.8	68.3	88.6	103.7	79.0	65.8	
G51.0	63.3	94.0	118.3	94.2	65.8	86.1	100.7	76.7	63.3	
G52.0	61.1	91.5	115.8	91.6	63.6	83.6	97.9	74.1	61.1	
G53.0	59.3	88.6	113.1	89.0	61.5	80.8	95.1	71.3	59.3	
G54.0	57.1	85.8	110.3	86.1	59.4	78.0	91.9	68.8	57.1	
G55.0	54.9	83.1	107.0	83.4	57.3	75.6	88.8	66.3	54.9	
G56.0	53.0	80.3	104.0	80.7	55.2	72.8	85.6	63.7	53.0	
G57.0	51.1	77.2	100.8	77.7	53.2	70.0	82.3	60.9	51.1	
G58.0	49.0	74.4	97.2	74.9	51.3	67.2	79.0	58.5	49.0	
G59.0	47.3	71.7	93.7	72.2	49.4	64.4	75.1	56.0	47.3	
G60.0	45.5	68.5	90.2	69.6	47.6	61.8	71.4	53.5	45.5	
G61.0	43.7	65.7	86.5	66.4	45.8	59.1	67.6	50.8	43.7	
G62.0	41.9	62.9	82.6	63.6	44.0	56.3	64.1	48.3	41.9	
G63.0	40.0	60.0	78.2	60.8	42.1	53.5	60.1	45.9	40.0	
G64.0	38.2	56.8	74.1	58.1	40.4	50.8	56.4	43.5	38.2	
G65.0	36.5	54.0	69.9	55.2	38.7	48.0	52.7	40.8	36.5	
G66.0	34.8	51.2	65.7	52.5	37.1	45.4	48.9	38.5	34.8	
G67.0	33.0	48.3	61.2	49.8	35.2	42.9	45.0	36.2	33.0	
G68.0	31.3	45.3	57.0	46.9	33.6	40.4	41.7	33.9	31.3	
G69.0	29.6	42.6	53.1	44.3	31.9	37.7	38.5	31.5	29.6	
G70.0	27.7	39.9	48.9	41.8	30.3	35.1	35.7	29.3	27.7	
G71.0	26.0	37.0	45.2	39.3	28.5	32.7	32.7	27.1	26.0	
G72.0	24.4	34.3	41.9	36.8	26.9	30.3	30.2	25.0	24.4	
G73.0	22.7	31.8	38.7	34.3	25.2	28.0	27.8	22.7	22.7	

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:
 Distance:
 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	20.9	29.1	35.6	31.9	23.7	25.5	25.4	20.7	20.9	
G75.0	19.3	26.6	32.7	29.6	21.9	23.3	23.0	18.7	19.3	
G76.0	17.7	24.1	30.2	27.4	20.4	21.2	20.8	16.8	17.7	
G77.0	16.1	21.5	27.6	24.9	18.9	19.0	18.7	14.9	16.1	
G78.0	14.6	19.4	25.1	22.8	17.2	17.1	16.5	13.3	14.6	
G79.0	12.9	17.4	22.6	20.7	15.7	15.3	14.3	11.7	12.9	
G80.0	11.5	15.4	20.3	18.8	14.2	13.6	11.6	10.2	11.5	
G81.0	10.2	13.6	18.1	16.6	12.7	11.8	9.3	8.9	10.2	
G82.0	9.0	12.0	15.9	14.8	11.2	10.3	7.7	7.8	9.0	
G83.0	7.8	10.4	13.5	13.0	9.8	9.0	6.1	6.8	7.8	
G84.0	6.7	8.9	10.7	11.2	8.8	7.8	4.1	5.8	6.7	
G85.0	5.8	7.7	8.5	9.8	7.6	6.6	2.9	4.9	5.8	
G86.0	5.0	6.6	6.8	8.5	6.6	5.6	2.4	4.2	5.0	
G87.0	4.2	5.6	5.1	7.4	5.6	4.7	2.1	3.3	4.2	
G88.0	3.4	4.6	3.1	6.3	4.8	3.8	1.8	2.3	3.4	
G89.0	2.2	3.8	1.8	5.3	4.0	2.8	1.6	1.4	2.2	
G90.0	1.4	2.9	1.2	4.2	3.2	1.8	1.4	0.9	1.4	
G91.0	0.8	2.0	0.8	3.3	2.0	0.9	1.1	0.6	0.8	
G92.0	0.6	1.2	0.5	2.2	1.3	0.4	0.6	0.4	0.6	
G93.0	0.4	0.5	0.3	1.3	0.8	0.2	0.0	0.3	0.4	
G94.0	0.3	0.3	0.0	0.7	0.6	0.1	0.0	0.2	0.3	
G95.0	0.2	0.2	0.0	0.3	0.5	0.0	0.0	0.1	0.2	
G96.0	0.1	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.1	
G97.0	0.1	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.1	
G98.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	
G99.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	
G100.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	
G101.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	
G102.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0	
G103.0	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.0	
G104.0	0.1	0.1	0.2	0.0	0.0	0.1	0.2	0.2	0.1	
G105.0	0.1	0.1	0.2	0.1	0.0	0.1	0.2	0.2	0.1	
G106.0	0.1	0.2	0.2	0.0	0.1	0.1	0.2	0.2	0.1	
G107.0	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	
G108.0	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	
G109.0	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	
G110.0	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.2	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:

Distance:

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	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.3	0.2	
G112.0	0.2	0.2	0.3	0.2	0.1	0.2	0.3	0.3	0.2	
G113.0	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.2	
G114.0	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.2	
G115.0	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.2	
G116.0	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.2	
G117.0	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.2	
G118.0	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.3	0.2	
G119.0	0.2	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.2	
G120.0	0.3	0.3	0.4	0.3	0.2	0.3	0.4	0.4	0.3	
G121.0	0.3	0.3	0.4	0.3	0.2	0.3	0.5	0.4	0.3	
G122.0	0.3	0.3	0.4	0.3	0.2	0.3	0.5	0.4	0.3	
G123.0	0.3	0.3	0.4	0.3	0.3	0.3	0.5	0.4	0.3	
G124.0	0.3	0.4	0.4	0.3	0.3	0.3	0.5	0.4	0.3	
G125.0	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.4	0.3	
G126.0	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.4	0.3	
G127.0	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.4	0.3	
G128.0	0.3	0.4	0.5	0.3	0.3	0.4	0.6	0.5	0.3	
G129.0	0.4	0.4	0.5	0.4	0.3	0.4	0.6	0.5	0.4	
G130.0	0.4	0.4	0.5	0.4	0.4	0.4	0.6	0.5	0.4	
G131.0	0.4	0.4	0.5	0.4	0.4	0.4	0.6	0.5	0.4	
G132.0	0.4	0.4	0.5	0.4	0.4	0.5	0.6	0.5	0.4	
G133.0	0.4	0.4	0.5	0.4	0.4	0.5	0.6	0.5	0.4	
G134.0	0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.5	0.4	
G135.0	0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.6	0.4	
G136.0	0.4	0.5	0.6	0.4	0.4	0.5	0.6	0.6	0.4	
G137.0	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.6	0.4	
G138.0	0.5	0.5	0.6	0.5	0.4	0.5	0.6	0.6	0.5	
G139.0	0.5	0.5	0.6	0.5	0.5	0.5	0.7	0.6	0.5	
G140.0	0.5	0.5	0.6	0.5	0.5	0.5	0.7	0.6	0.5	
G141.0	0.5	0.6	0.6	0.5	0.5	0.5	0.7	0.6	0.5	
G142.0	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.5	
G143.0	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.5	
G144.0	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.5	
G145.0	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.6	
G146.0	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	
G147.0	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.6	

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:

Distance:

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	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.6	0.6	
G149.0	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.6	
G150.0	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.6	
G151.0	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.7	0.6	
G152.0	0.6	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	
G153.0	0.6	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	
G154.0	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.7	
G155.0	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.7	
G156.0	0.7	0.7	0.7	0.6	0.7	0.7	0.8	0.7	0.7	
G157.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	
G158.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	
G159.0	0.7	0.7	0.8	0.7	0.7	0.7	0.8	0.7	0.7	
G160.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	
G161.0	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7	
G162.0	0.7	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	
G163.0	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.8	0.7	
G164.0	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	
G165.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	
G166.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	
G167.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G168.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G169.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	
G170.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G171.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G172.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	
G173.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G174.0	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	
G175.0	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	
G176.0	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	
G177.0	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	
G178.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G179.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
G180.0	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	

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:
 Distance:
 Humidity:
 Inspector: