

Report No.:

Test Time: 2021-04-08 09:44

## Luminaire Property

Luminaire Manufacturer:

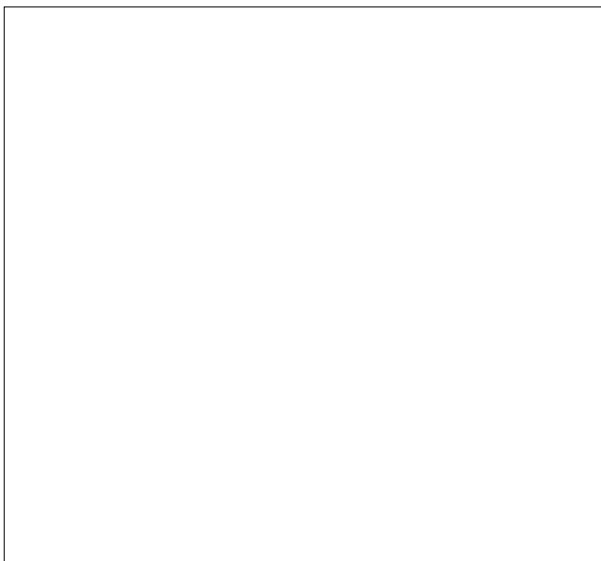
Voltage: 9.0 V  
Power: 0.00 W

Current: 0.000 A  
Power Factor: 1.000

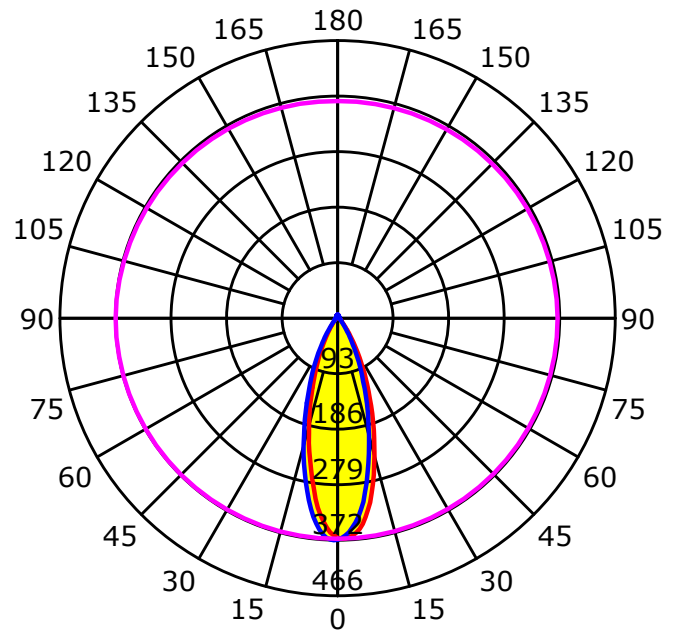
## Photometric Results

CIE Class: Semi-Direct	Total Rated Lamp Lumens: 205.0 lm
Measurement Flux: 205 lm	Efficiency: 100%
Downward Ratio: 89%	Upward Ratio: 11%
Horizontal Diffuse Angle(25%,50%,75%,100%): H50.3,H34,H21.3,H1	
Vertical Diffuse Angle(25%,50%,75%,100%): V50.2,V33.6,V21.2,V1	
Luminaire Efficacy Rating (LER): 205.02	Central Intensity: 368.7 cd
Max. Intensity: 372.81 cd	Pos of Max. Intensity: H270 V1
S/MH(C0/C180): 0.55	S/MH(C90/C270): 0.55

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 33.8°

— C0-C180 — C90-C270 — G1

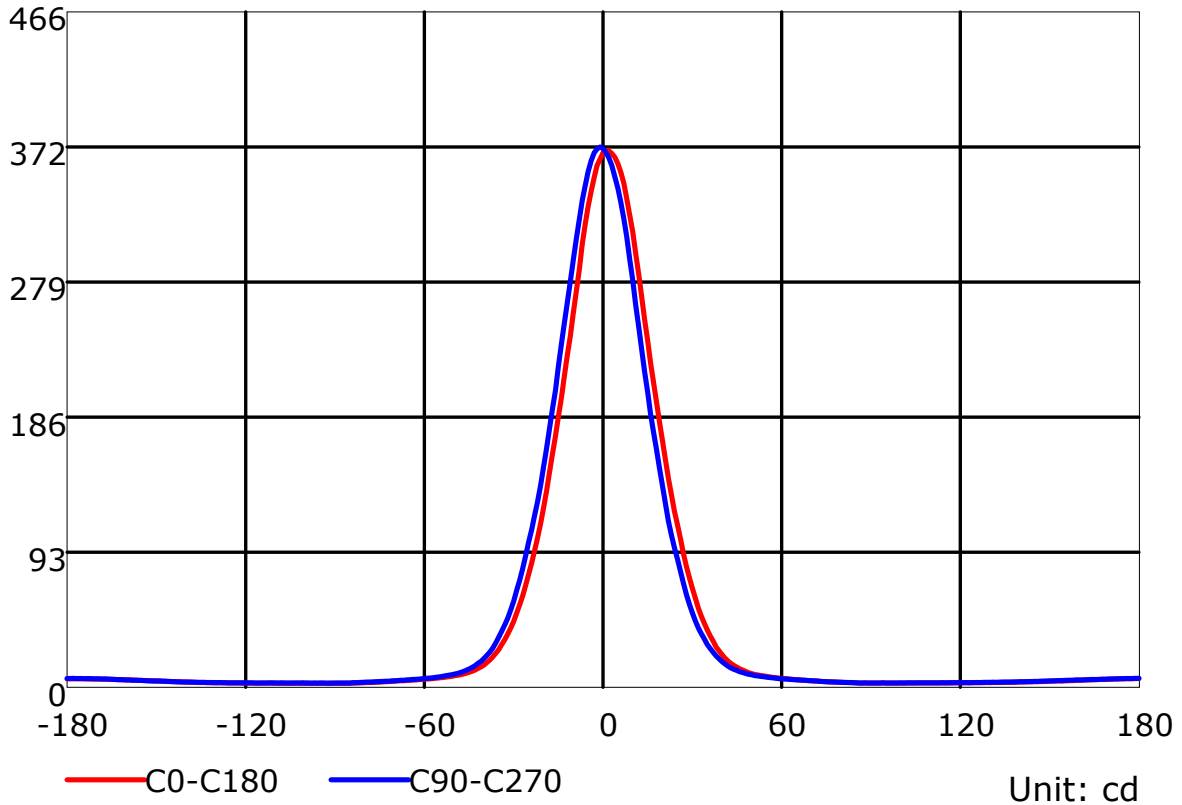
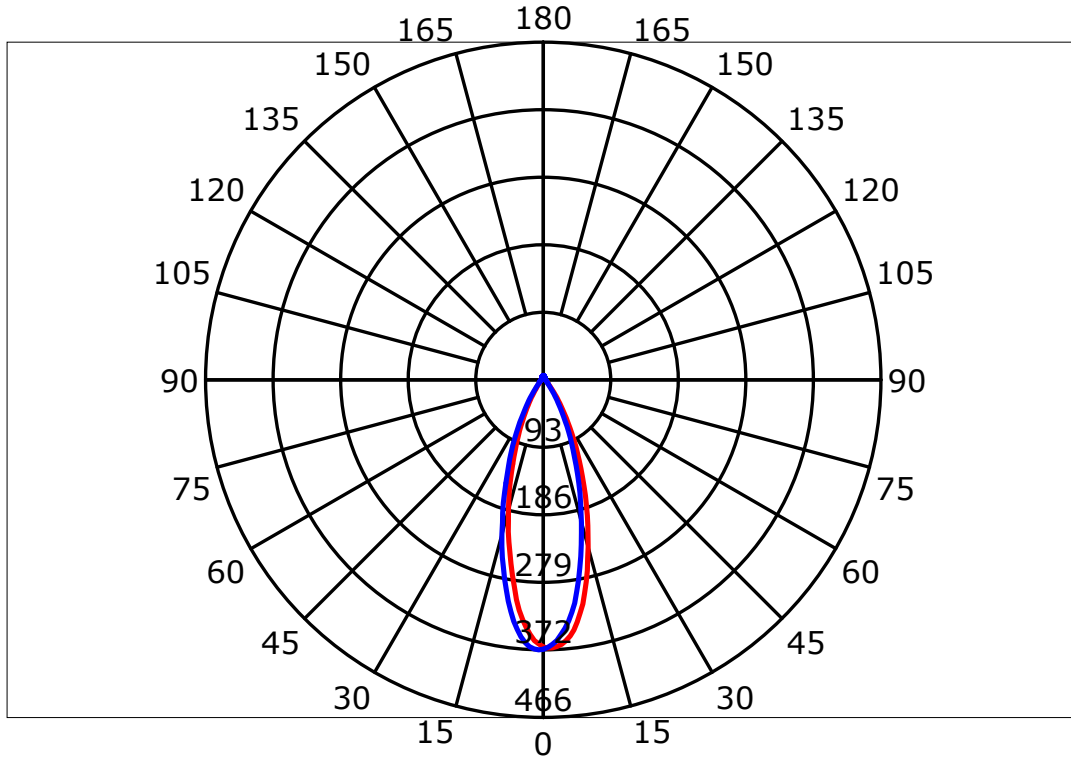
C Plane (°):0.0-360.0: 90.0

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

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L  
Distance: 7.928 m  
Humidity:  
Inspector:

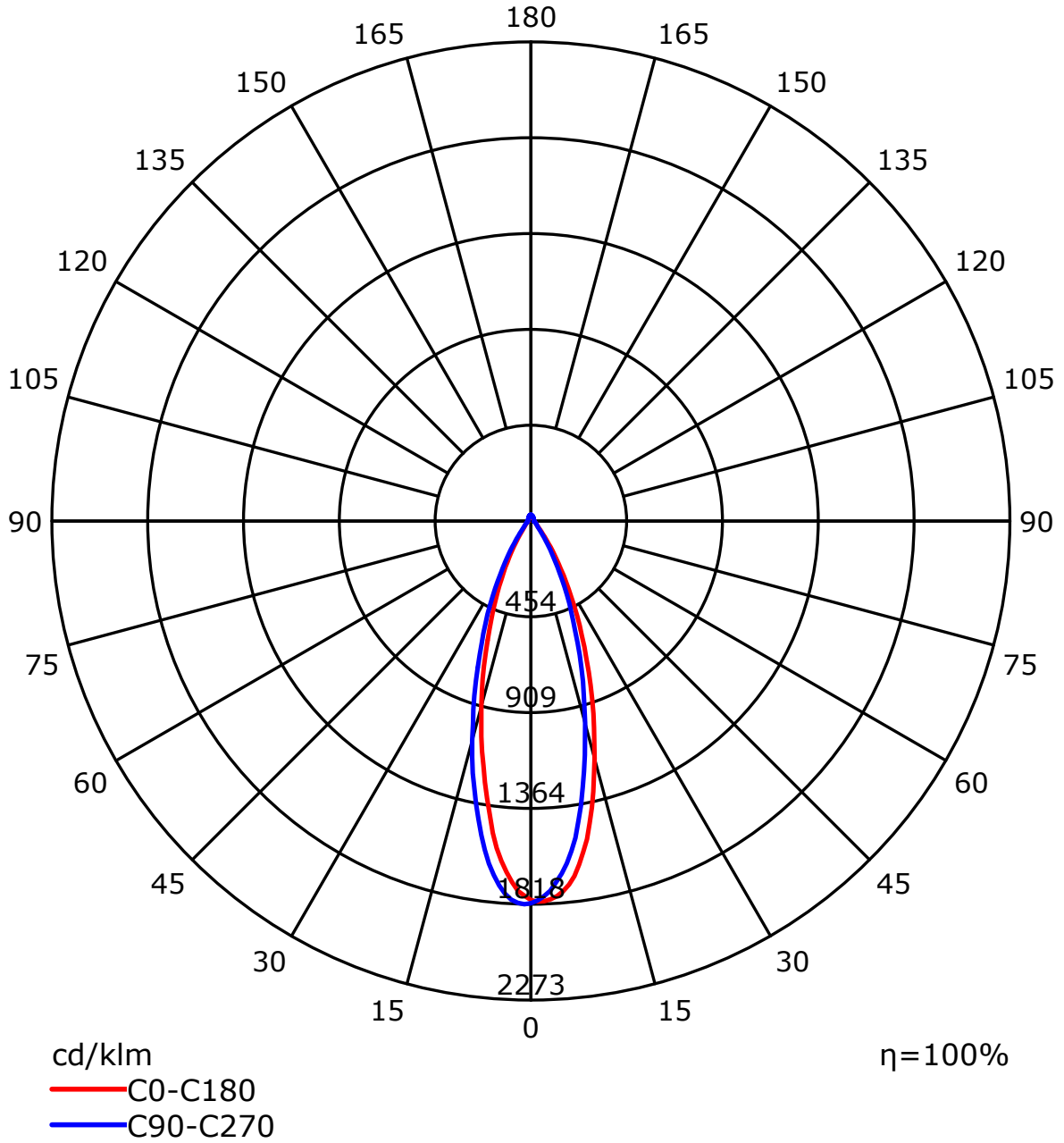
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



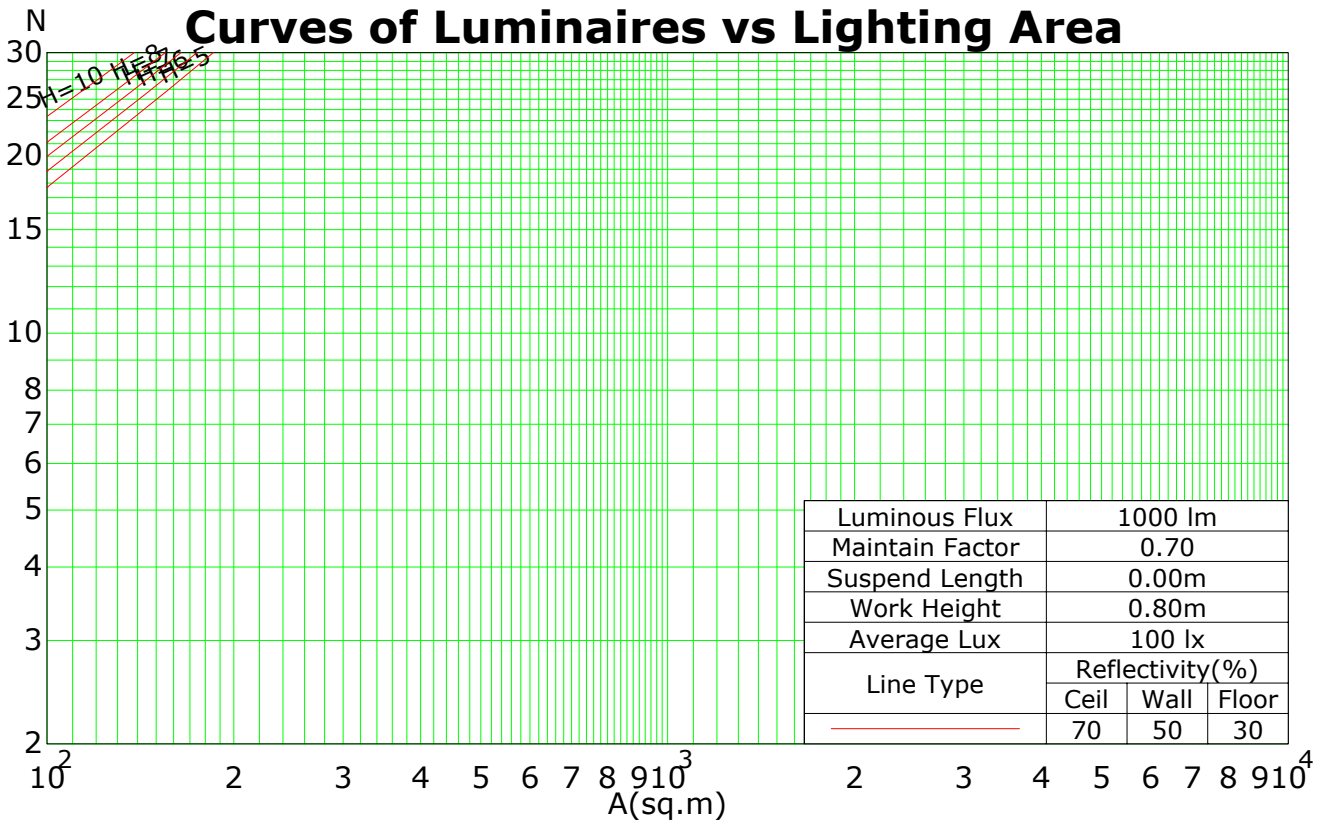
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 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	117	117	117	117	113	113	113	113	105	105	105	98	98	98	92	92	92	89
1	110	106	103	101	106	103	101	98	97	95	93	92	90	88	86	85	84	82
2	104	98	93	90	100	95	91	88	90	87	84	86	83	81	81	79	78	75
3	98	91	86	81	95	89	84	80	85	81	77	81	77	75	77	74	72	70
4	93	85	79	74	90	83	78	73	79	75	71	76	72	69	73	70	68	66
5	88	80	73	69	86	78	72	68	75	70	67	72	68	65	70	66	64	62
6	84	75	69	64	82	74	68	64	71	66	62	69	64	61	66	63	60	58
7	80	71	65	60	78	70	64	60	67	62	59	65	61	58	63	60	57	55
8	77	67	61	57	75	66	60	57	64	59	56	62	58	55	60	57	54	52
9	73	64	58	54	72	63	57	54	61	56	53	59	55	52	58	54	51	50
10	70	61	55	51	69	60	55	51	58	54	50	57	53	50	56	52	49	48

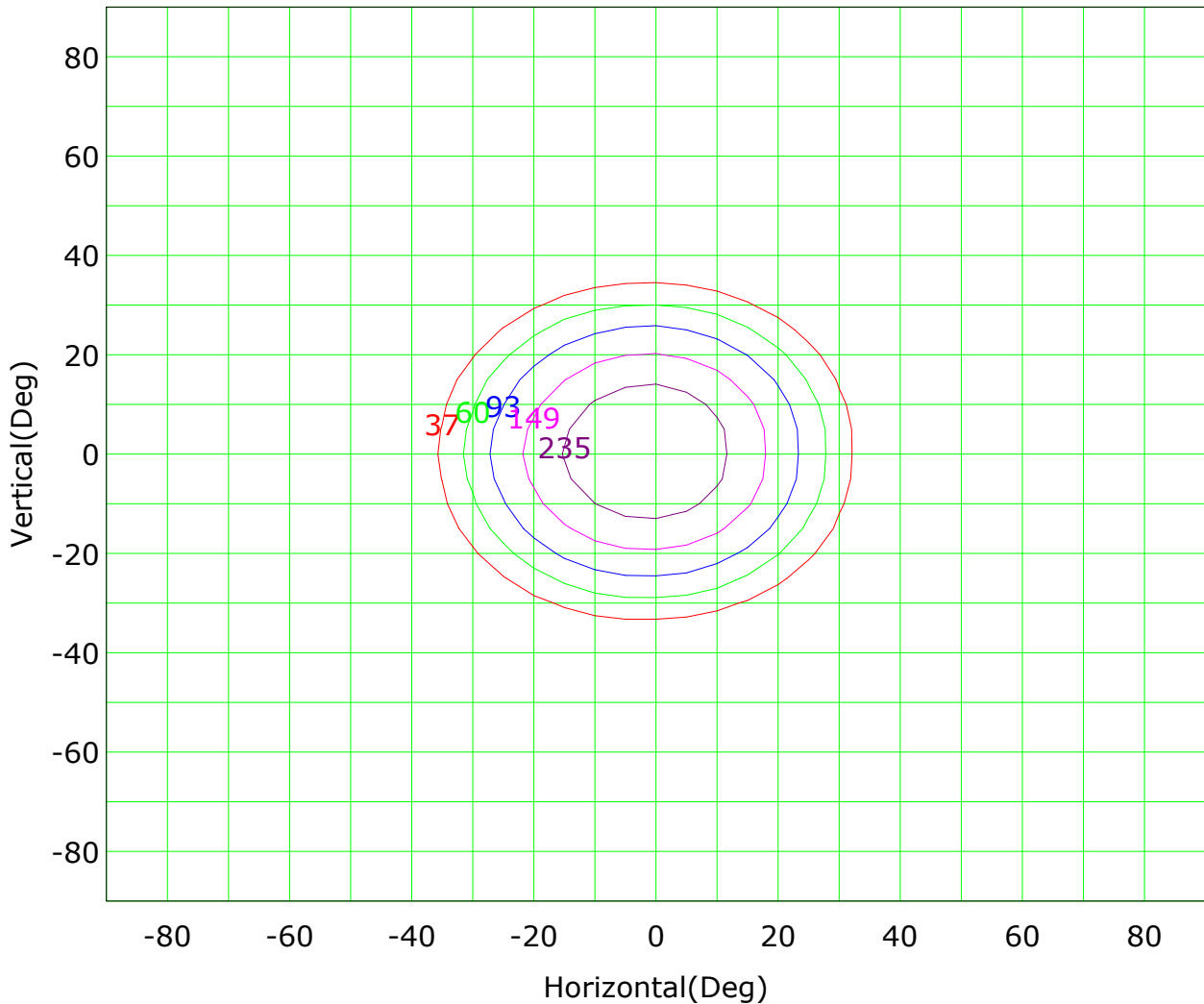
Spacing Criteria (0-180): 0.55  
 Spacing Criteria (90-270): 0.55  
 Spacing Criteria (Diagonal): 0.59



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



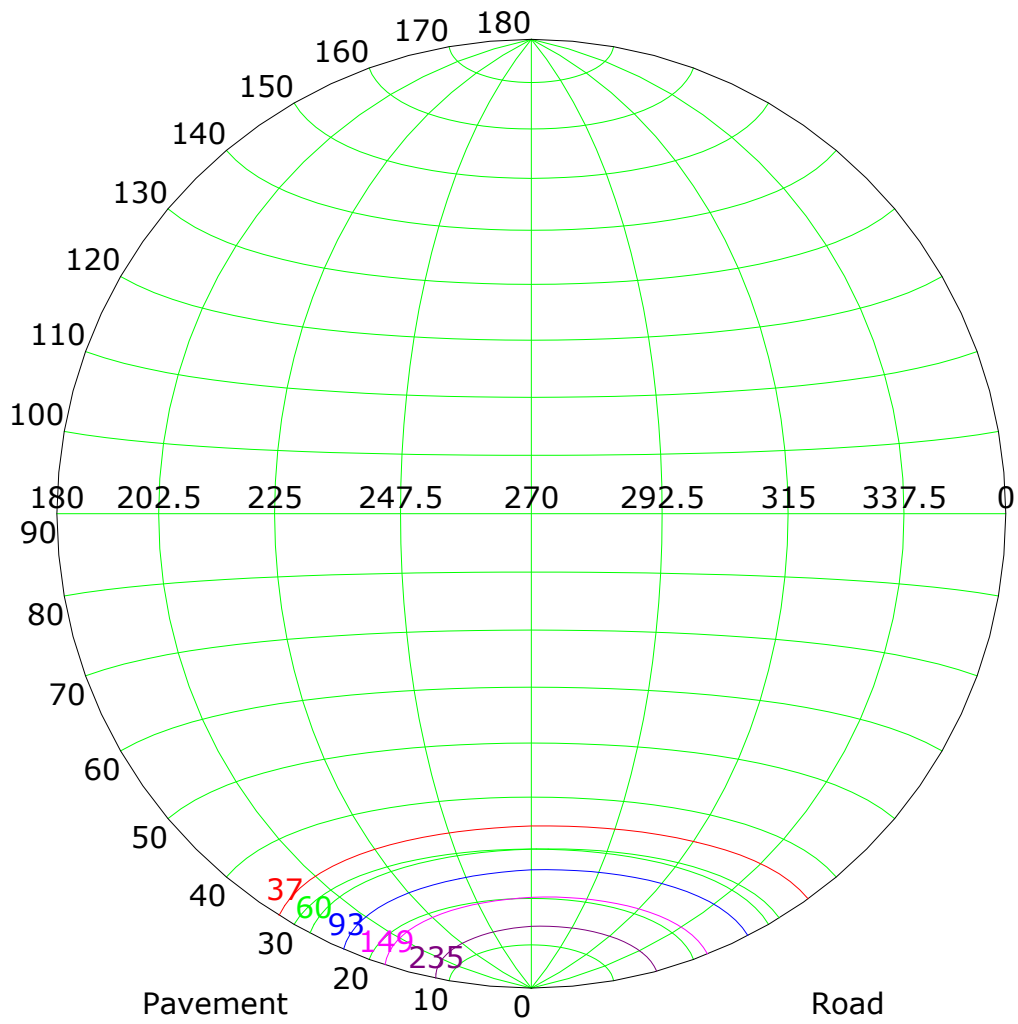
Imax (100%): 373 cd

— ( 10%):	37 cd	— ( 16%):	60 cd
— ( 25%):	93 cd	— ( 40%):	149 cd
— ( 63%):	235 cd	— (100%):	373 cd

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Isocandela (sphere)



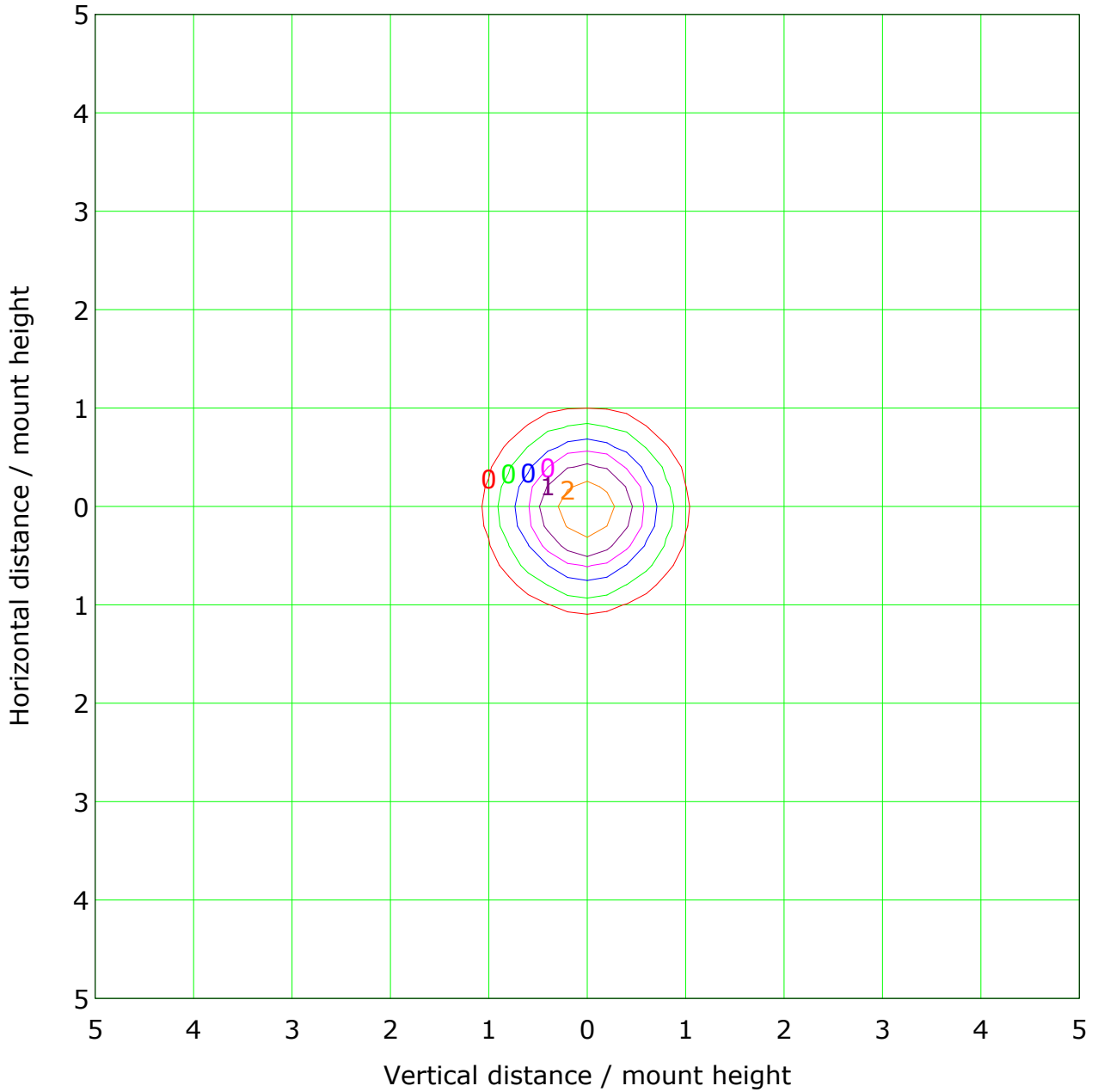
Imax (100%): 373 cd

- |                  |                  |
|------------------|------------------|
| — ( 10%): 37 cd  | — ( 16%): 60 cd  |
| — ( 25%): 93 cd  | — ( 40%): 149 cd |
| — ( 63%): 235 cd | — (100%): 373 cd |

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## IsoLux Plot



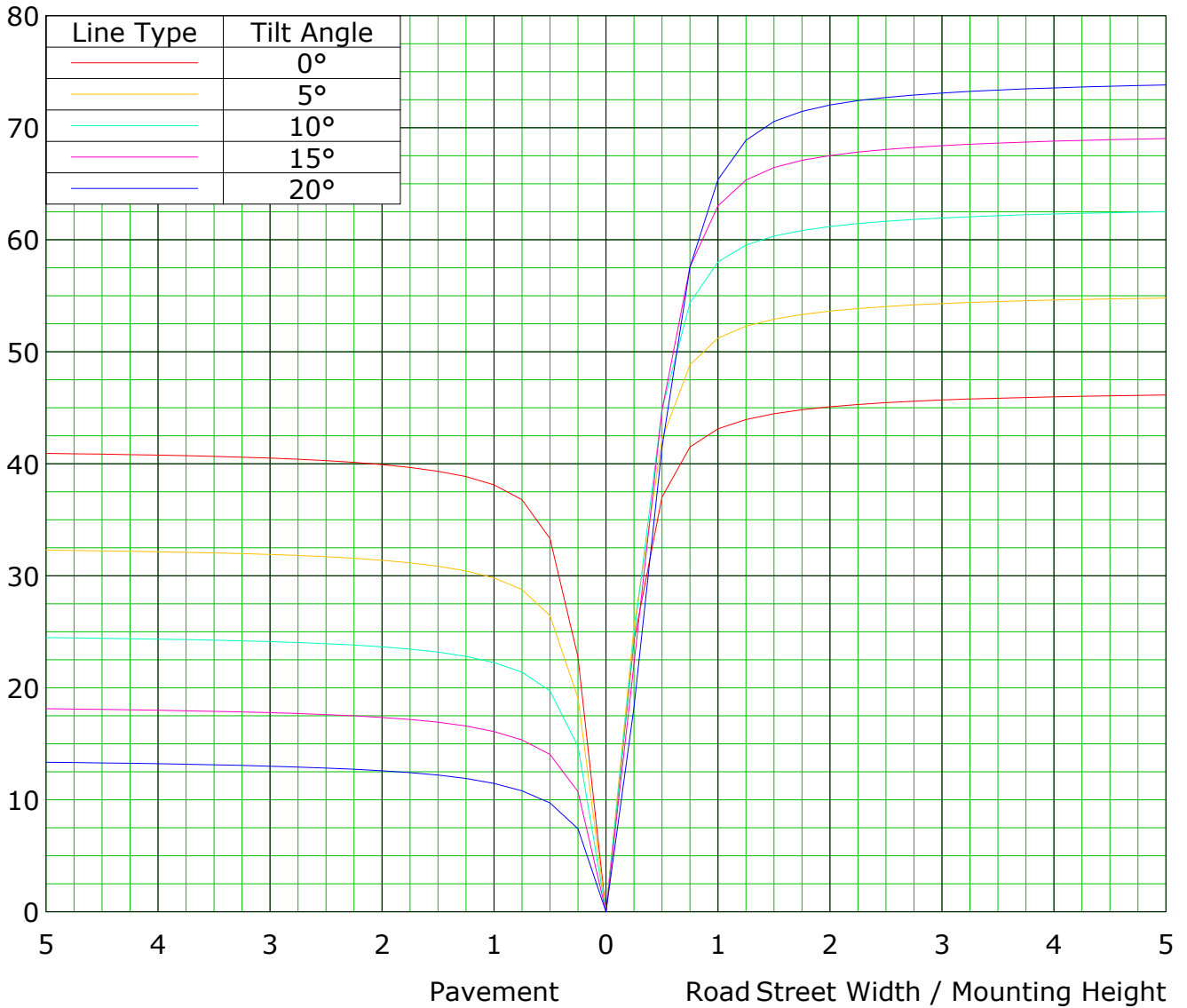
Mounting Height: 10.0m		Max Lux(100%): 3.7 lx	
<ul style="list-style-type: none"> <li><span style="color: red;">—</span> ( 1%): 0.0 lx</li> <li><span style="color: blue;">—</span> ( 5%): 0.2 lx</li> <li><span style="color: purple;">—</span> ( 20%): 0.7 lx</li> <li><span style="color: green;">—</span> (100%): 3.7 lx</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: cyan;">—</span> ( 2%): 0.1 lx</li> <li><span style="color: magenta;">—</span> ( 10%): 0.4 lx</li> <li><span style="color: orange;">—</span> ( 50%): 1.9 lx</li> </ul>		

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

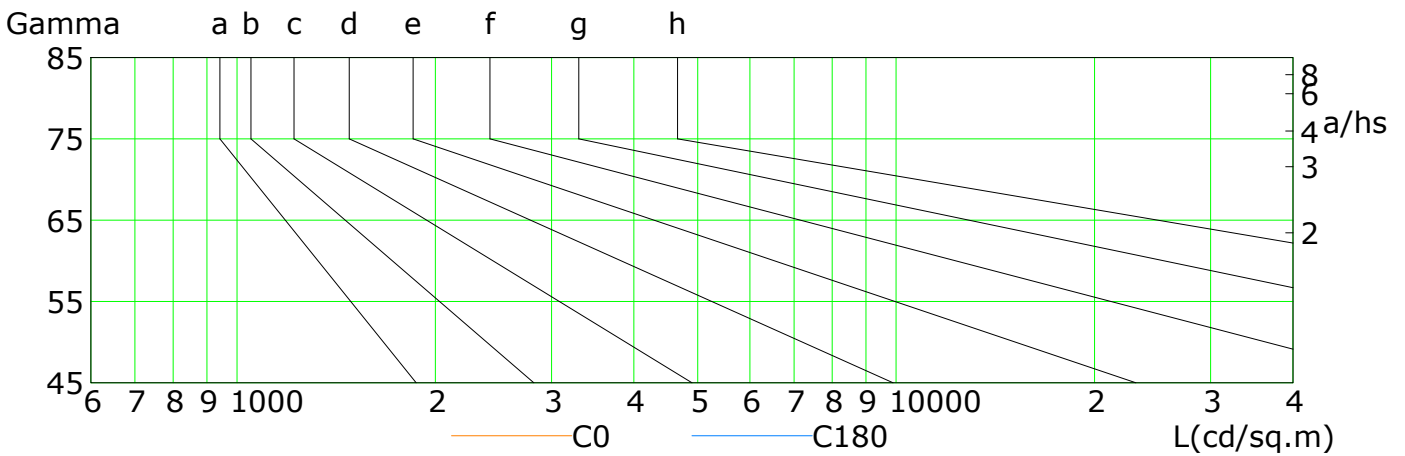
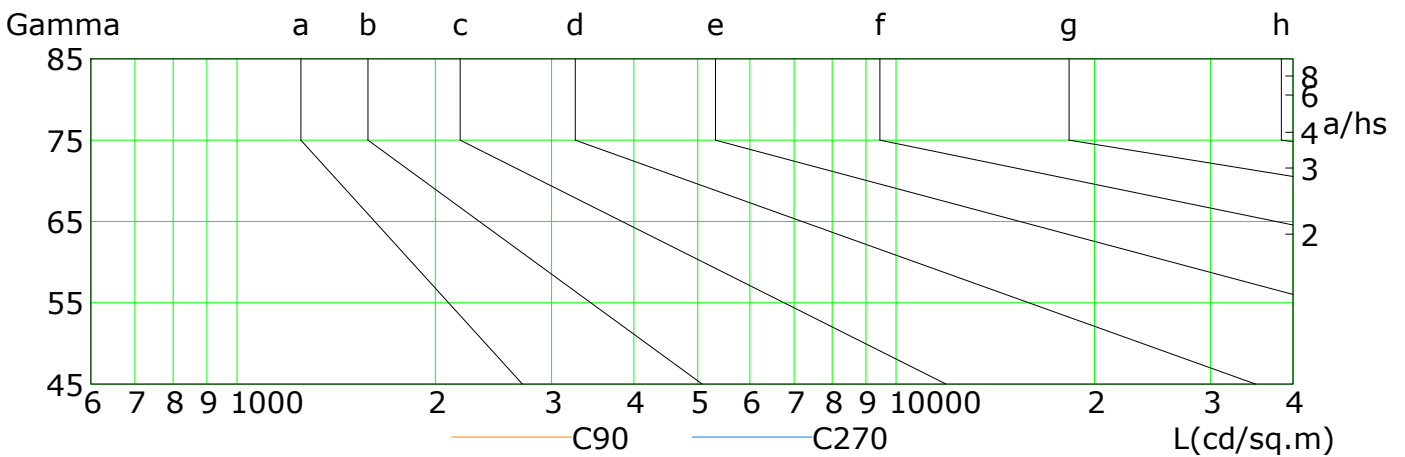
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:



## Lum Limit Curve

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	14	9	8	6	5	5	4	4	3
C90	12	9	7	6	5	5	4	3	3
C180	10	8	7	6	5	4	4	3	3
C270	13	9	7	6	5	5	4	4	3

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

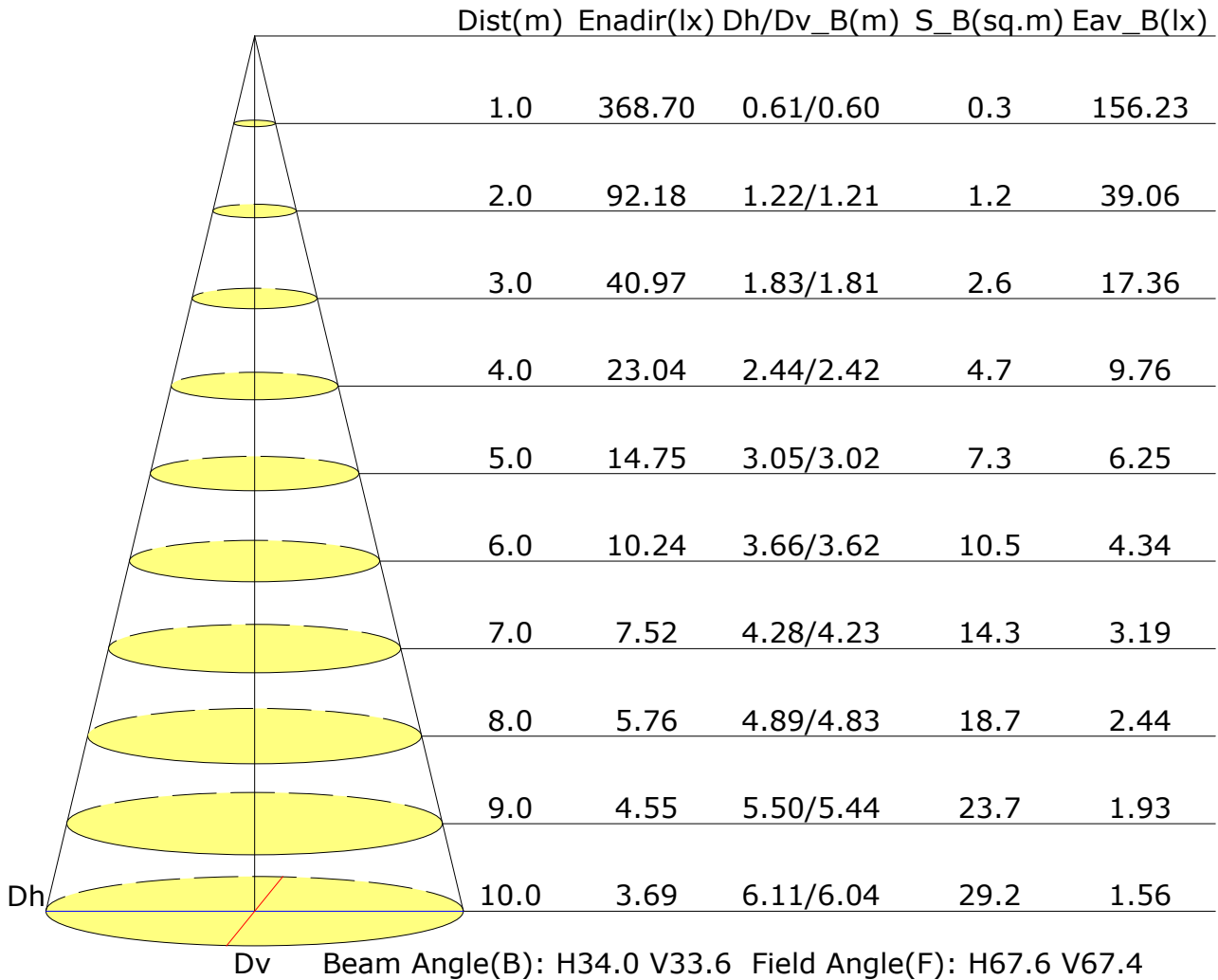
Test Device: GPM-1600L

Distance: 7.928 m

Humidity:

Inspector:

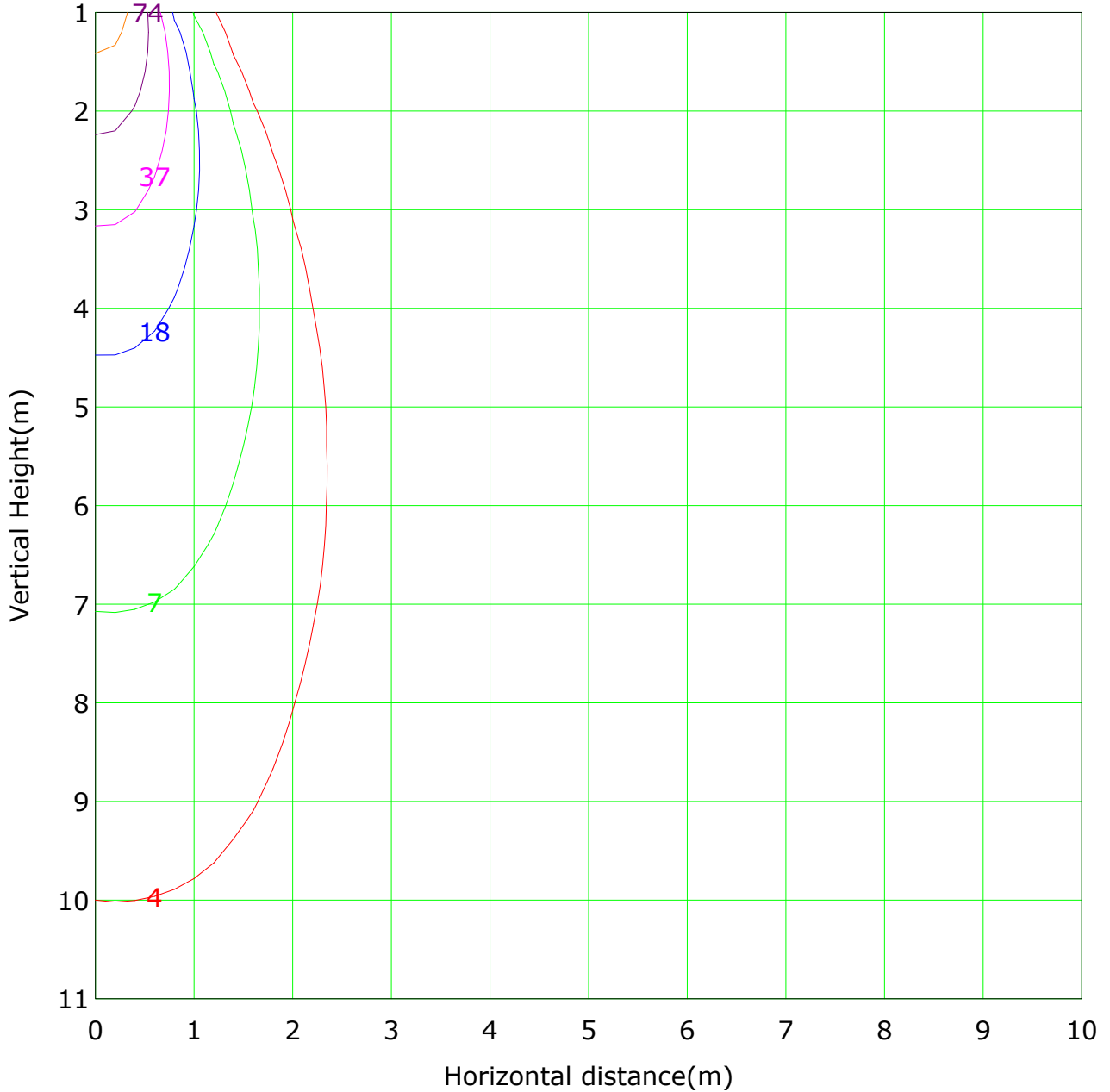
## Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 368.7 lx

— ( 1%): 3.7 lx	— ( 2%): 7.4 lx
— ( 5%): 18.4 lx	— ( 10%): 36.9 lx
— ( 20%): 73.7 lx	— ( 50%): 184.4 lx
— (100%): 368.7 lx	

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Area Flux Table

Unit: lm

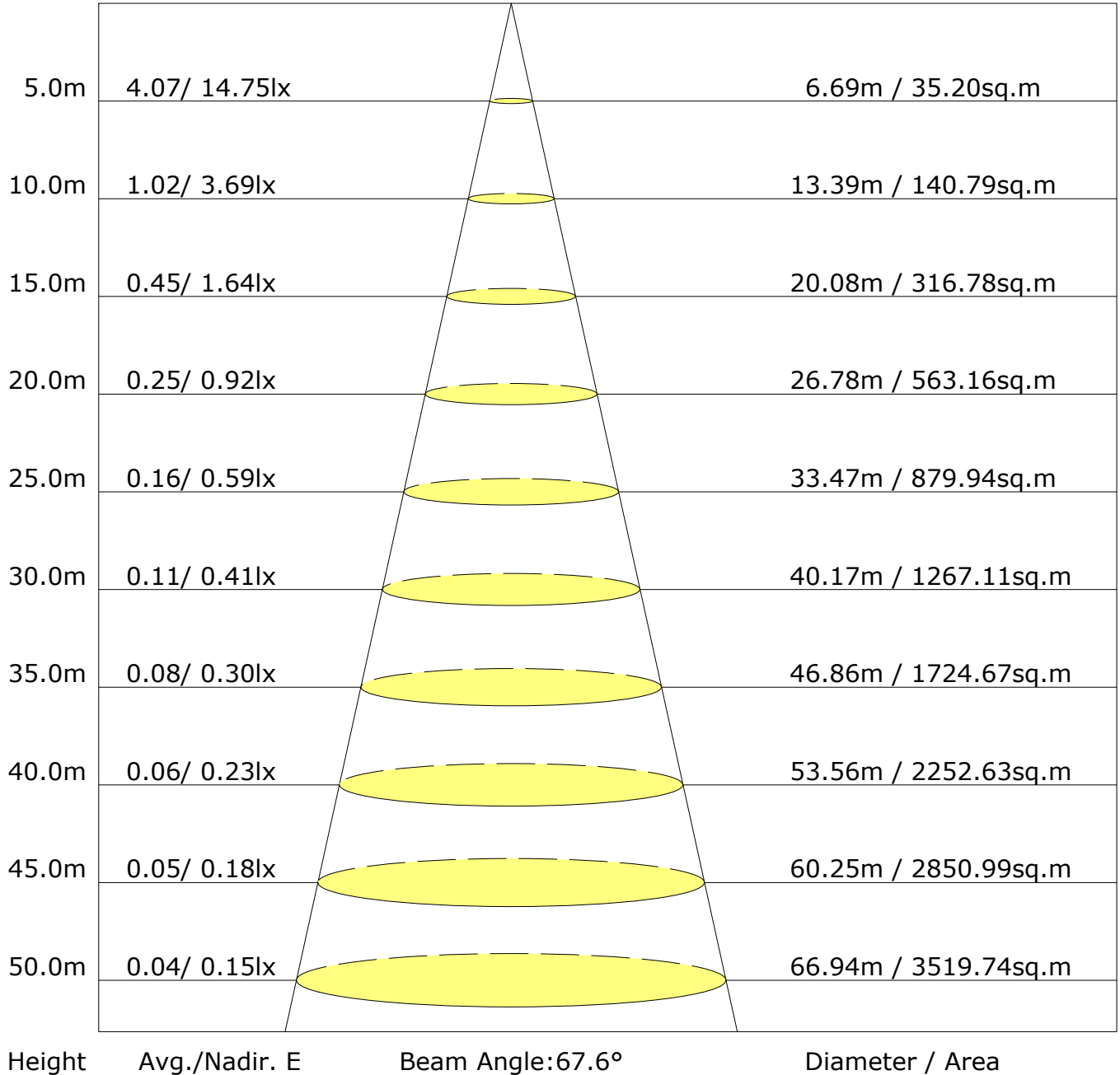
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	Flux(E)	Flux(T)
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	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	0.0
-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	0.0
-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	0.0
-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	0.0
-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	0.0
-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	0.0
-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	0.0
-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	0.0
-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	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
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	0.0
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	0.0
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	0.0
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	0.0
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	0.0
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	0.0
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	0.0
90	0.1	0.5	0.9	1.5	2.5	4.8	11.4	24.5	39.4	41.7	28.9	14.6	6.1	2.8	1.6	1.0	0.5	0.1	0.0	0.0	183	0.0
	0.0	0.0	0.0	0.0	0.0	0.4	7.8	21.3	36.4	38.7	25.8	11.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0		143

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## The Average Illuminance Effective Figure

Flux Out: 143.35lm



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## UGR Table

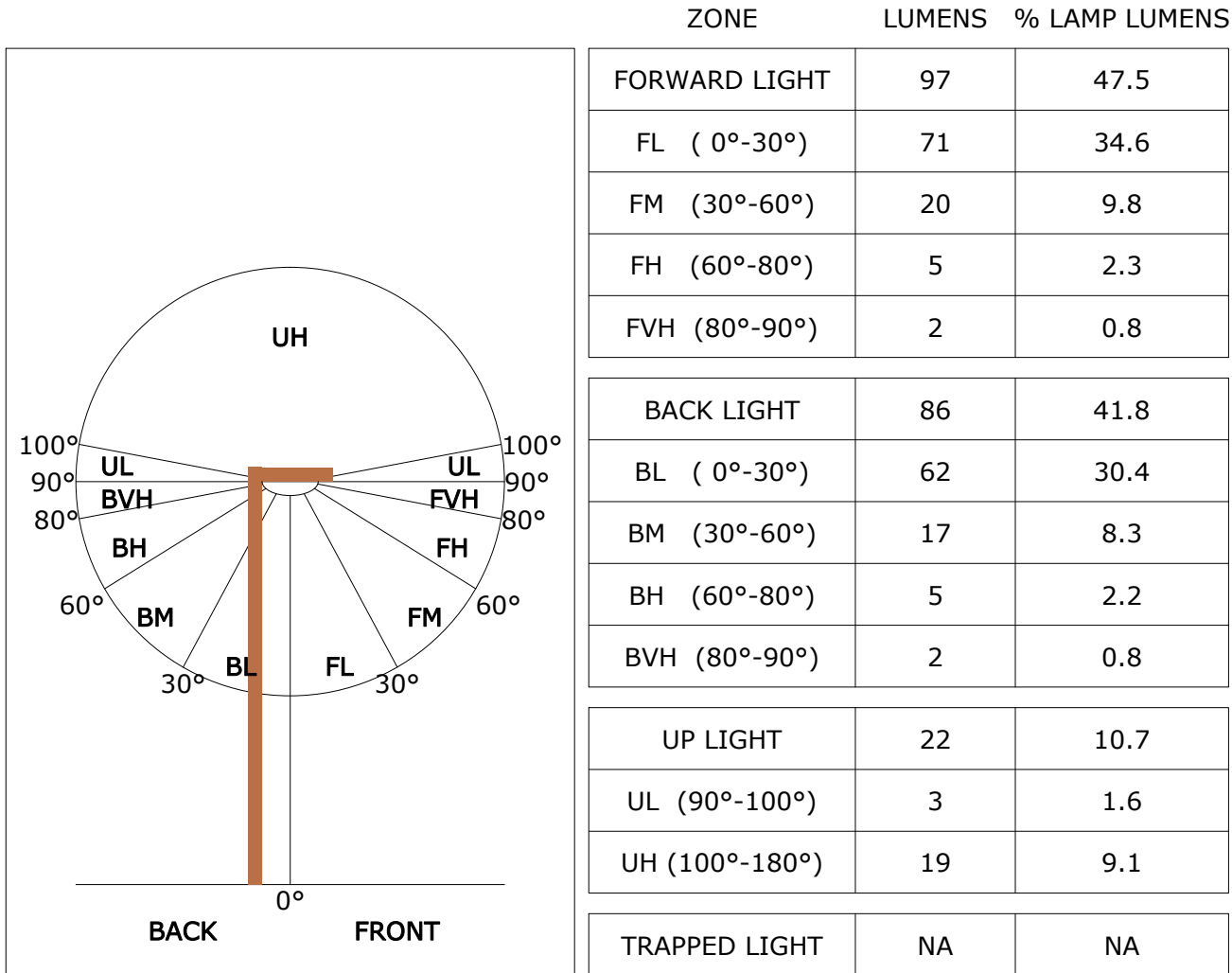
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 205lm ( $8\log(F/F_0) = -5.5$ ).

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**

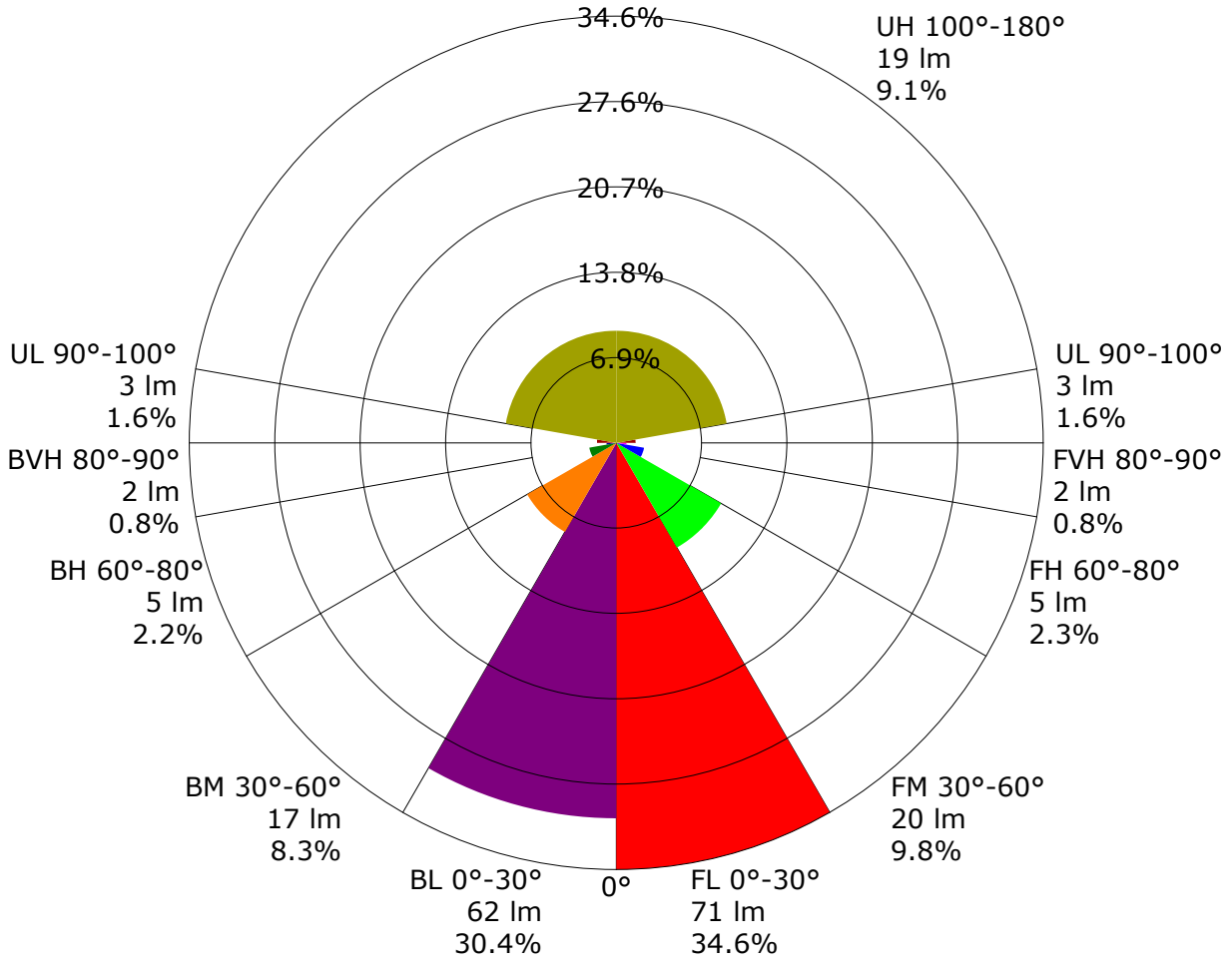


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U2 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U2 G0

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

### LCS Graph



**Back Light**

**Forward Light**

Scale= MAX LCS%

Trapped Light:NA,NA



## 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	0.78	0.84	0.89	0.92	0.96	0.99	1.01	1.04	1.06	
	0.30		0.73	0.80	0.84	0.87	0.92	0.96	0.98	1.01	1.03	
	0.20		0.70	0.76	0.80	0.84	0.89	0.93	0.95	0.99	1.01	
0.50	0.50	0.20	0.76	0.82	0.85	0.88	0.92	0.94	0.96	0.98	1.00	
	0.30		0.72	0.77	0.81	0.84	0.89	0.91	0.93	0.96	0.98	
	0.20		0.69	0.74	0.78	0.81	0.86	0.89	0.91	0.94	0.96	
0.30	0.50	0.20	0.74	0.79	0.82	0.84	0.88	0.90	0.91	0.93	0.94	
	0.30		0.70	0.75	0.79	0.81	0.85	0.87	0.89	0.91	0.93	
	0.20		0.67	0.73	0.76	0.79	0.83	0.85	0.87	0.90	0.91	
0.00	0.00	0.00	0.65	0.69	0.73	0.75	0.78	0.80	0.81	0.83	0.84	
<p>Rating:0W 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: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 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	0.63	0.52	0.45	0.39	0.31	0.26	0.23	0.18	0.15	
	0.30		0.53	0.45	0.39	0.35	0.28	0.24	0.21	0.17	0.14	
	0.20		0.45	0.39	0.35	0.31	0.26	0.22	0.20	0.16	0.13	
0.50	0.50	0.20	0.58	0.48	0.41	0.36	0.28	0.27	0.20	0.16	0.13	
	0.30		0.49	0.42	0.36	0.32	0.26	0.22	0.19	0.15	0.13	
	0.20		0.43	0.37	0.32	0.29	0.24	0.20	0.18	0.14	0.12	
0.30	0.50	0.20	0.54	0.44	0.37	0.32	0.26	0.21	0.18	0.14	0.12	
	0.30		0.46	0.38	0.33	0.29	0.24	0.20	0.17	0.14	0.11	
	0.20		0.40	0.34	0.30	0.27	0.22	0.19	0.16	0.13	0.11	
0.00	0.00	0.00	0.26	0.21	0.18	0.16	0.13	0.11	0.09	0.07	0.06	
<p>Rating:0W 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: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## 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	0.24	0.25	0.26	0.27	0.29	0.29	0.30	0.31	0.31
	0.30		0.19	0.21	0.23	0.24	0.26	0.27	0.28	0.29	0.30
	0.20		0.16	0.18	0.20	0.21	0.23	0.24	0.25	0.27	0.28
0.50	0.50	0.20	0.23	0.24	0.26	0.26	0.28	0.28	0.29	0.30	0.30
	0.30		0.19	0.21	0.22	0.23	0.25	0.26	0.27	0.28	0.29
	0.20		0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.27
0.30	0.50	0.20	0.22	0.24	0.25	0.25	0.26	0.27	0.28	0.28	0.29
	0.30		0.19	0.20	0.22	0.23	0.24	0.25	0.26	0.27	0.27
	0.20		0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.26
0.00	0.00	0.00	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
<p>Rating:0W 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: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	369.7	0.4	0.4	0.17	0.17
1.0-2.0	368.0	1.1	1.4	0.52	0.69
2.0-3.0	364.5	1.7	3.2	0.85	1.54
3.0-4.0	359.1	2.4	5.6	1.17	2.71
4.0-5.0	352.1	3.0	8.6	1.48	4.19
5.0-6.0	343.7	3.6	12.2	1.76	5.95
6.0-7.0	333.6	4.1	16.3	2.02	7.97
7.0-8.0	321.5	4.6	20.9	2.25	10.22
8.0-9.0	307.9	5.0	25.9	2.43	12.65
9.0-10.0	293.9	5.3	31.3	2.59	15.25
10.0-11.0	279.2	5.6	36.8	2.72	17.97
11.0-12.0	264.3	5.8	42.6	2.82	20.79
12.0-13.0	249.9	5.9	48.5	2.89	23.68
13.0-14.0	234.8	6.0	54.6	2.93	26.62
14.0-15.0	219.9	6.0	60.6	2.95	29.56
15.0-16.0	205.3	6.0	66.6	2.93	32.50
16.0-17.0	191.2	6.0	72.6	2.91	35.40
17.0-18.0	178.4	5.9	78.4	2.87	38.27
18.0-19.0	165.3	5.8	84.2	2.81	41.08
19.0-20.0	152.2	5.6	89.8	2.72	43.80
20.0-21.0	140.0	5.4	95.1	2.62	46.42
21.0-22.0	128.2	5.2	100.3	2.51	48.94
22.0-23.0	117.7	4.9	105.2	2.41	51.35
23.0-24.0	108.0	4.7	110.0	2.30	53.65
24.0-25.0	98.9	4.5	114.5	2.20	55.85
25.0-26.0	90.5	4.3	118.7	2.09	57.93
26.0-27.0	81.8	4.0	122.7	1.95	59.88
27.0-28.0	73.6	3.7	126.5	1.82	61.70
28.0-29.0	66.5	3.5	129.9	1.70	63.40
29.0-30.0	59.6	3.2	133.2	1.57	64.97
30.0-31.0	53.5	3.0	136.1	1.45	66.42
31.0-32.0	47.9	2.7	138.9	1.34	67.76
32.0-33.0	43.0	2.5	141.4	1.23	69.00
33.0-34.0	38.7	2.3	143.8	1.14	70.14
34.0-35.0	34.6	2.2	145.9	1.05	71.19
35.0-36.0	30.9	2.0	147.9	0.96	72.15

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	27.7	1.8	149.7	0.88	73.03
37.0-38.0	24.7	1.7	151.3	0.81	73.84
38.0-39.0	22.2	1.5	152.9	0.74	74.58
39.0-40.0	20.0	1.4	154.2	0.68	75.26
40.0-41.0	18.0	1.3	155.5	0.63	75.88
41.0-42.0	16.4	1.2	156.7	0.58	76.46
42.0-43.0	14.9	1.1	157.8	0.54	77.00
43.0-44.0	13.7	1.0	158.9	0.50	77.51
44.0-45.0	12.6	1.0	159.8	0.47	77.98
45.0-46.0	11.7	0.9	160.7	0.45	78.43
46.0-47.0	10.9	0.9	161.6	0.42	78.85
47.0-48.0	10.2	0.8	162.4	0.40	79.25
48.0-49.0	9.6	0.8	163.2	0.38	79.63
49.0-50.0	9.0	0.8	164.0	0.37	80.00
50.0-51.0	8.6	0.7	164.7	0.35	80.36
51.0-52.0	8.2	0.7	165.4	0.34	80.70
52.0-53.0	7.9	0.7	166.1	0.33	81.03
53.0-54.0	7.5	0.7	166.8	0.32	81.36
54.0-55.0	7.2	0.6	167.4	0.32	81.67
55.0-56.0	7.0	0.6	168.0	0.31	81.98
56.0-57.0	6.7	0.6	168.6	0.30	82.28
57.0-58.0	6.5	0.6	169.2	0.29	82.57
58.0-59.0	6.3	0.6	169.8	0.29	82.85
59.0-60.0	6.1	0.6	170.4	0.28	83.13
60.0-61.0	5.9	0.6	171.0	0.27	83.41
61.0-62.0	5.7	0.6	171.5	0.27	83.68
62.0-63.0	5.6	0.5	172.1	0.26	83.94
63.0-64.0	5.4	0.5	172.6	0.26	84.20
64.0-65.0	5.2	0.5	173.1	0.25	84.46
65.0-66.0	5.1	0.5	173.6	0.25	84.70
66.0-67.0	4.9	0.5	174.1	0.24	84.95
67.0-68.0	4.8	0.5	174.6	0.24	85.19
68.0-69.0	4.7	0.5	175.1	0.23	85.42
69.0-70.0	4.6	0.5	175.5	0.23	85.65
70.0-71.0	4.4	0.5	176.0	0.22	85.87
71.0-72.0	4.3	0.4	176.5	0.22	86.09

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 2)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4.2	0.4	176.9	0.21	86.30
73.0-74.0	4.1	0.4	177.3	0.21	86.51
74.0-75.0	3.9	0.4	177.7	0.20	86.72
75.0-76.0	3.8	0.4	178.1	0.20	86.92
76.0-77.0	3.7	0.4	178.5	0.19	87.11
77.0-78.0	3.7	0.4	178.9	0.19	87.30
78.0-79.0	3.6	0.4	179.3	0.19	87.49
79.0-80.0	3.5	0.4	179.7	0.18	87.67
80.0-81.0	3.4	0.4	180.1	0.18	87.85
81.0-82.0	3.3	0.4	180.4	0.18	88.03
82.0-83.0	3.3	0.4	180.8	0.17	88.20
83.0-84.0	3.2	0.3	181.1	0.17	88.37
84.0-85.0	3.1	0.3	181.5	0.16	88.54
85.0-86.0	3.0	0.3	181.8	0.16	88.70
86.0-87.0	3.0	0.3	182.1	0.16	88.86
87.0-88.0	3.0	0.3	182.4	0.16	89.01
88.0-89.0	3.0	0.3	182.8	0.16	89.17
89.0-90.0	3.0	0.3	183.1	0.16	89.33
90.0-91.0	3.0	0.3	183.4	0.16	89.49
91.0-92.0	3.0	0.3	183.7	0.16	89.65
92.0-93.0	3.0	0.3	184.1	0.16	89.81
93.0-94.0	3.0	0.3	184.4	0.16	89.97
94.0-95.0	3.0	0.3	184.7	0.16	90.12
95.0-96.0	3.0	0.3	185.0	0.16	90.28
96.0-97.0	3.0	0.3	185.4	0.16	90.44
97.0-98.0	3.0	0.3	185.7	0.16	90.60
98.0-99.0	3.0	0.3	186.0	0.16	90.75
99.0-100.0	3.0	0.3	186.3	0.16	90.91
100.0-101.0	3.0	0.3	186.7	0.16	91.07
101.0-102.0	3.0	0.3	187.0	0.16	91.23
102.0-103.0	3.0	0.3	187.3	0.16	91.38
103.0-104.0	3.0	0.3	187.6	0.16	91.54
104.0-105.0	3.0	0.3	187.9	0.16	91.69
105.0-106.0	3.0	0.3	188.3	0.16	91.85
106.0-107.0	3.0	0.3	188.6	0.15	92.00
107.0-108.0	3.0	0.3	188.9	0.15	92.16

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

### Zonal Lumen (Continue 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	3.0	0.3	189.2	0.15	92.31
109.0-110.0	3.0	0.3	189.5	0.15	92.47
110.0-111.0	3.0	0.3	189.8	0.15	92.62
111.0-112.0	3.1	0.3	190.1	0.15	92.77
112.0-113.0	3.0	0.3	190.5	0.15	92.92
113.0-114.0	3.0	0.3	190.8	0.15	93.07
114.0-115.0	3.1	0.3	191.1	0.15	93.22
115.0-116.0	3.1	0.3	191.4	0.15	93.37
116.0-117.0	3.1	0.3	191.7	0.15	93.51
117.0-118.0	3.1	0.3	192.0	0.15	93.66
118.0-119.0	3.1	0.3	192.3	0.15	93.81
119.0-120.0	3.1	0.3	192.6	0.15	93.95
120.0-121.0	3.1	0.3	192.9	0.14	94.10
121.0-122.0	3.2	0.3	193.2	0.14	94.24
122.0-123.0	3.2	0.3	193.5	0.14	94.39
123.0-124.0	3.2	0.3	193.7	0.14	94.53
124.0-125.0	3.2	0.3	194.0	0.14	94.67
125.0-126.0	3.2	0.3	194.3	0.14	94.81
126.0-127.0	3.2	0.3	194.6	0.14	94.95
127.0-128.0	3.3	0.3	194.9	0.14	95.09
128.0-129.0	3.3	0.3	195.2	0.14	95.23
129.0-130.0	3.3	0.3	195.5	0.14	95.36
130.0-131.0	3.3	0.3	195.7	0.14	95.50
131.0-132.0	3.4	0.3	196.0	0.14	95.63
132.0-133.0	3.4	0.3	196.3	0.13	95.77
133.0-134.0	3.4	0.3	196.6	0.13	95.90
134.0-135.0	3.5	0.3	196.8	0.13	96.03
135.0-136.0	3.5	0.3	197.1	0.13	96.16
136.0-137.0	3.6	0.3	197.4	0.13	96.30
137.0-138.0	3.6	0.3	197.6	0.13	96.43
138.0-139.0	3.6	0.3	197.9	0.13	96.55
139.0-140.0	3.7	0.3	198.2	0.13	96.68
140.0-141.0	3.7	0.3	198.4	0.13	96.81
141.0-142.0	3.8	0.3	198.7	0.13	96.94
142.0-143.0	3.9	0.3	198.9	0.13	97.06
143.0-144.0	3.9	0.3	199.2	0.12	97.19

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	4.0	0.3	199.5	0.12	97.31
145.0-146.0	4.1	0.3	199.7	0.12	97.43
146.0-147.0	4.1	0.2	200.0	0.12	97.55
147.0-148.0	4.2	0.2	200.2	0.12	97.68
148.0-149.0	4.3	0.2	200.4	0.12	97.79
149.0-150.0	4.3	0.2	200.7	0.12	97.91
150.0-151.0	4.4	0.2	200.9	0.12	98.03
151.0-152.0	4.5	0.2	201.2	0.11	98.14
152.0-153.0	4.5	0.2	201.4	0.11	98.26
153.0-154.0	4.6	0.2	201.6	0.11	98.37
154.0-155.0	4.7	0.2	201.8	0.11	98.47
155.0-156.0	4.8	0.2	202.1	0.11	98.58
156.0-157.0	4.8	0.2	202.3	0.10	98.68
157.0-158.0	4.9	0.2	202.5	0.10	98.78
158.0-159.0	5.0	0.2	202.7	0.10	98.88
159.0-160.0	5.1	0.2	202.9	0.09	98.97
160.0-161.0	5.1	0.2	203.1	0.09	99.07
161.0-162.0	5.2	0.2	203.2	0.09	99.15
162.0-163.0	5.3	0.2	203.4	0.08	99.24
163.0-164.0	5.3	0.2	203.6	0.08	99.32
164.0-165.0	5.4	0.2	203.7	0.08	99.40
165.0-166.0	5.5	0.2	203.9	0.07	99.47
166.0-167.0	5.6	0.1	204.0	0.07	99.54
167.0-168.0	5.6	0.1	204.2	0.07	99.61
168.0-169.0	5.7	0.1	204.3	0.06	99.67
169.0-170.0	5.8	0.1	204.4	0.06	99.72
170.0-171.0	5.8	0.1	204.5	0.05	99.78
171.0-172.0	5.9	0.1	204.6	0.05	99.82
172.0-173.0	5.9	0.1	204.7	0.04	99.86
173.0-174.0	5.9	0.1	204.8	0.04	99.90
174.0-175.0	6.0	0.1	204.8	0.03	99.93
175.0-176.0	6.0	0.1	204.9	0.03	99.95
176.0-177.0	6.0	0.0	204.9	0.02	99.97
177.0-178.0	6.1	0.0	204.9	0.01	99.99
178.0-179.0	6.1	0.0	205.0	0.01	100.00
179.0-180.0	6.1	0.0	205.0	0.00	100.00

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:



## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	368.7	371.7	368.7	371.7	368.7					
G1.0	370.4	369.2	364.6	372.8	370.4					
G2.0	370.1	365.2	360.1	371.5	370.1					
G3.0	368.4	360.1	351.8	368.9	368.4					
G4.0	365.8	352.2	342.2	363.4	365.8					
G5.0	361.3	344.4	331.8	355.9	361.3					
G6.0	355.5	334.9	319.8	346.3	355.5					
G7.0	347.9	323.4	305.6	335.7	347.9					
G8.0	337.3	311.2	288.3	322.9	337.3					
G9.0	325.7	295.3	273.1	309.3	325.7					
G10.0	314.2	280.7	258.0	294.6	314.2					
G11.0	299.6	264.0	242.4	280.2	299.6					
G12.0	285.0	248.9	229.2	265.5	285.0					
G13.0	270.0	233.6	215.2	251.8	270.0					
G14.0	253.7	217.7	199.6	236.9	253.7					
G15.0	239.3	203.7	186.7	221.3	239.3					
G16.0	224.0	188.8	173.3	204.8	224.0					
G17.0	210.2	175.9	160.9	192.0	210.2					
G18.0	197.1	164.2	148.5	178.7	197.1					
G19.0	183.1	151.1	135.2	164.6	183.1					
G20.0	169.9	138.7	123.5	151.6	169.9					
G21.0	157.1	126.8	112.9	139.2	157.1					
G22.0	144.0	114.5	103.1	128.1	144.0					
G23.0	133.2	105.3	94.5	118.9	133.2					
G24.0	121.7	96.4	85.7	108.6	121.7					
G25.0	112.3	88.7	77.9	100.1	112.3					
G26.0	103.1	80.6	70.6	90.9	103.1					
G27.0	92.6	72.1	63.1	81.8	92.6					
G28.0	83.8	64.4	57.2	74.1	83.8					
G29.0	76.0	57.6	51.4	67.1	76.0					
G30.0	68.4	51.5	45.5	59.5	68.4					
G31.0	62.0	46.1	41.1	53.6	62.0					
G32.0	54.8	41.1	36.8	47.8	54.8					
G33.0	49.5	37.2	33.0	43.4	49.5					
G34.0	44.5	33.6	29.7	39.0	44.5					
G35.0	39.7	29.7	26.1	34.8	39.7					
G36.0	35.6	26.9	23.6	30.8	35.6					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.928 m

Humidity:

Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	32.0	24.3	21.1	27.2	32.0					
G38.0	28.0	21.8	19.1	24.4	28.0					
G39.0	25.2	19.7	17.2	22.2	25.2					
G40.0	22.5	17.7	15.5	20.0	22.5					
G41.0	20.1	16.2	14.2	18.0	20.1					
G42.0	18.2	14.7	13.1	16.7	18.2					
G43.0	16.5	13.5	12.0	15.0	16.5					
G44.0	15.1	12.5	11.1	13.8	15.1					
G45.0	13.9	11.6	10.4	12.6	13.9					
G46.0	12.8	10.8	9.7	11.7	12.8					
G47.0	11.9	10.2	9.2	10.9	11.9					
G48.0	10.9	9.5	8.7	10.2	10.9					
G49.0	10.1	9.1	8.3	9.6	10.1					
G50.0	9.5	8.7	8.0	9.1	9.5					
G51.0	8.9	8.1	7.6	8.7	8.9					
G52.0	8.6	7.9	7.3	8.3	8.6					
G53.0	8.2	7.6	7.0	8.0	8.2					
G54.0	7.9	7.3	6.8	7.6	7.9					
G55.0	7.5	7.0	6.6	7.3	7.5					
G56.0	7.2	6.8	6.3	7.0	7.2					
G57.0	6.9	6.5	6.2	6.7	6.9					
G58.0	6.7	6.3	5.9	6.5	6.7					
G59.0	6.5	6.1	5.8	6.3	6.5					
G60.0	6.2	6.0	5.7	6.1	6.2					
G61.0	6.0	5.8	5.5	6.0	6.0					
G62.0	5.9	5.7	5.3	5.7	5.9					
G63.0	5.7	5.5	5.2	5.6	5.7					
G64.0	5.5	5.3	5.0	5.5	5.5					
G65.0	5.3	5.2	4.9	5.2	5.3					
G66.0	5.1	5.1	4.8	5.1	5.1					
G67.0	4.9	5.0	4.6	4.9	4.9					
G68.0	4.8	4.9	4.6	4.9	4.8					
G69.0	4.7	4.7	4.4	4.7	4.7					
G70.0	4.5	4.6	4.3	4.6	4.5					
G71.0	4.4	4.5	4.2	4.5	4.4					
G72.0	4.4	4.3	4.0	4.3	4.4					
G73.0	4.2	4.2	3.9	4.2	4.2					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.928 m

Humidity:

Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	4.0	4.1	3.8	4.1	4.0					
G75.0	4.0	4.0	3.6	4.0	4.0					
G76.0	3.8	3.8	3.6	3.9	3.8					
G77.0	3.8	3.7	3.5	3.8	3.8					
G78.0	3.7	3.7	3.4	3.7	3.7					
G79.0	3.5	3.6	3.3	3.7	3.5					
G80.0	3.5	3.5	3.2	3.6	3.5					
G81.0	3.5	3.4	3.1	3.5	3.5					
G82.0	3.3	3.4	3.0	3.4	3.3					
G83.0	3.3	3.3	3.0	3.3	3.3					
G84.0	3.2	3.2	2.9	3.2	3.2					
G85.0	3.1	3.2	2.8	3.1	3.1					
G86.0	3.0	3.1	2.8	3.0	3.0					
G87.0	2.9	3.0	2.8	3.0	2.9					
G88.0	3.0	3.1	2.9	3.0	3.0					
G89.0	2.9	3.1	2.8	3.0	2.9					
G90.0	2.9	3.0	2.9	3.0	2.9					
G91.0	2.9	3.0	3.0	2.9	2.9					
G92.0	3.0	3.1	2.9	3.0	3.0					
G93.0	2.9	3.1	2.9	3.0	2.9					
G94.0	3.0	3.1	2.8	3.0	3.0					
G95.0	3.0	3.0	2.8	3.0	3.0					
G96.0	3.0	3.0	2.9	3.0	3.0					
G97.0	2.9	3.0	2.9	3.0	2.9					
G98.0	3.0	3.1	2.9	3.0	3.0					
G99.0	2.9	3.1	2.9	3.0	2.9					
G100.0	3.0	3.1	2.8	3.1	3.0					
G101.0	2.9	3.1	2.8	3.1	2.9					
G102.0	3.0	3.1	2.8	3.0	3.0					
G103.0	3.0	3.1	2.9	3.1	3.0					
G104.0	3.0	3.1	2.9	3.1	3.0					
G105.0	3.0	3.2	2.9	3.0	3.0					
G106.0	3.0	3.1	2.9	3.0	3.0					
G107.0	3.0	3.2	2.8	3.1	3.0					
G108.0	3.0	3.2	2.8	3.1	3.0					
G109.0	3.0	3.2	2.8	3.1	3.0					
G110.0	3.1	3.1	2.9	3.1	3.1					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G/C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	3.0	3.2	2.9	3.1	3.0					
G112.0	3.0	3.2	2.9	3.1	3.0					
G113.0	3.0	3.1	2.9	3.0	3.0					
G114.0	3.1	3.2	2.9	3.0	3.1					
G115.0	3.1	3.2	2.9	3.1	3.1					
G116.0	3.1	3.2	2.9	3.1	3.1					
G117.0	3.1	3.3	2.9	3.1	3.1					
G118.0	3.2	3.3	2.9	3.1	3.2					
G119.0	3.1	3.3	3.0	3.2	3.1					
G120.0	3.1	3.3	2.9	3.2	3.1					
G121.0	3.2	3.3	3.0	3.1	3.2					
G122.0	3.2	3.3	3.0	3.1	3.2					
G123.0	3.2	3.3	3.0	3.1	3.2					
G124.0	3.2	3.3	3.0	3.2	3.2					
G125.0	3.3	3.4	3.1	3.2	3.3					
G126.0	3.3	3.4	3.0	3.2	3.3					
G127.0	3.3	3.4	3.1	3.3	3.3					
G128.0	3.3	3.5	3.1	3.3	3.3					
G129.0	3.3	3.5	3.2	3.4	3.3					
G130.0	3.3	3.5	3.2	3.3	3.3					
G131.0	3.4	3.6	3.2	3.4	3.4					
G132.0	3.4	3.5	3.3	3.3	3.4					
G133.0	3.4	3.6	3.2	3.4	3.4					
G134.0	3.4	3.7	3.3	3.5	3.4					
G135.0	3.5	3.7	3.4	3.5	3.5					
G136.0	3.5	3.7	3.4	3.5	3.5					
G137.0	3.5	3.7	3.5	3.6	3.5					
G138.0	3.5	3.8	3.5	3.6	3.5					
G139.0	3.6	3.8	3.6	3.7	3.6					
G140.0	3.7	3.9	3.7	3.7	3.7					
G141.0	3.7	3.9	3.7	3.7	3.7					
G142.0	3.8	4.0	3.8	3.8	3.8					
G143.0	3.8	4.0	3.9	3.8	3.8					
G144.0	3.8	4.1	3.9	3.9	3.8					
G145.0	3.9	4.1	4.0	4.1	3.9					
G146.0	4.0	4.2	4.1	4.1	4.0					
G147.0	4.1	4.2	4.1	4.2	4.1					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	4.0	4.3	4.2	4.3	4.0					
G149.0	4.1	4.4	4.3	4.4	4.1					
G150.0	4.2	4.5	4.4	4.4	4.2					
G151.0	4.4	4.5	4.5	4.4	4.4					
G152.0	4.4	4.6	4.6	4.4	4.4					
G153.0	4.4	4.7	4.6	4.6	4.4					
G154.0	4.4	4.7	4.7	4.7	4.4					
G155.0	4.5	4.8	4.8	4.8	4.5					
G156.0	4.6	4.9	4.9	4.8	4.6					
G157.0	4.7	4.9	5.0	4.9	4.7					
G158.0	4.7	5.0	5.0	5.0	4.7					
G159.0	4.9	5.1	5.1	5.1	4.9					
G160.0	4.9	5.2	5.1	5.2	4.9					
G161.0	5.0	5.2	5.2	5.2	5.0					
G162.0	5.1	5.3	5.3	5.3	5.1					
G163.0	5.2	5.3	5.3	5.4	5.2					
G164.0	5.2	5.4	5.5	5.5	5.2					
G165.0	5.3	5.5	5.6	5.6	5.3					
G166.0	5.3	5.5	5.6	5.7	5.3					
G167.0	5.4	5.6	5.7	5.8	5.4					
G168.0	5.5	5.7	5.7	5.8	5.5					
G169.0	5.5	5.7	5.7	5.9	5.5					
G170.0	5.7	5.8	5.8	6.0	5.7					
G171.0	5.7	5.8	5.8	6.0	5.7					
G172.0	5.8	6.0	5.8	6.1	5.8					
G173.0	5.8	5.9	5.8	6.1	5.8					
G174.0	5.9	6.0	5.9	6.1	5.9					
G175.0	5.9	6.0	5.9	6.1	5.9					
G176.0	6.0	6.1	5.9	6.2	6.0					
G177.0	5.9	6.1	5.9	6.2	5.9					
G178.0	6.0	6.2	6.0	6.2	6.0					
G179.0	6.1	6.2	5.9	6.1	6.1					
G180.0	6.1	6.3	5.9	6.1	6.1					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.928 m  
 Humidity:  
 Inspector: