

Tel:  
Fax:

Report No.:

Test Time: 2024-10-01 14:11

## Luminaire Property

Luminaire Manufacturer:

Lamp Catalog: Linkey-Sol-33

Luminous Width (mm): 600

Voltage: 226.4 V

Power: 33.40 W

Luminous Length (mm): 600

Luminous Height (mm): 50

Current: 0.164 A

Power Factor: 0.898

## Photometric Results

CIE Class: Direct

Measurement Flux: 4496.1 lm

Downward Ratio: 99%

Field Angle: H164.7 V165.2

Luminaire Efficacy Rating (LER): 135

Max. Intensity: 1653.29 cd

Total Rated Lamp Lumens: 4496.1 lm

Efficiency: 100%

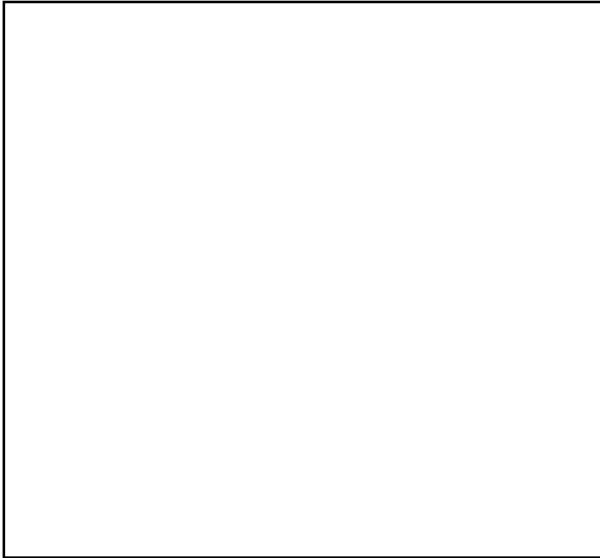
Upward Ratio: 1%

Beam Angle: H104.4 V105.1

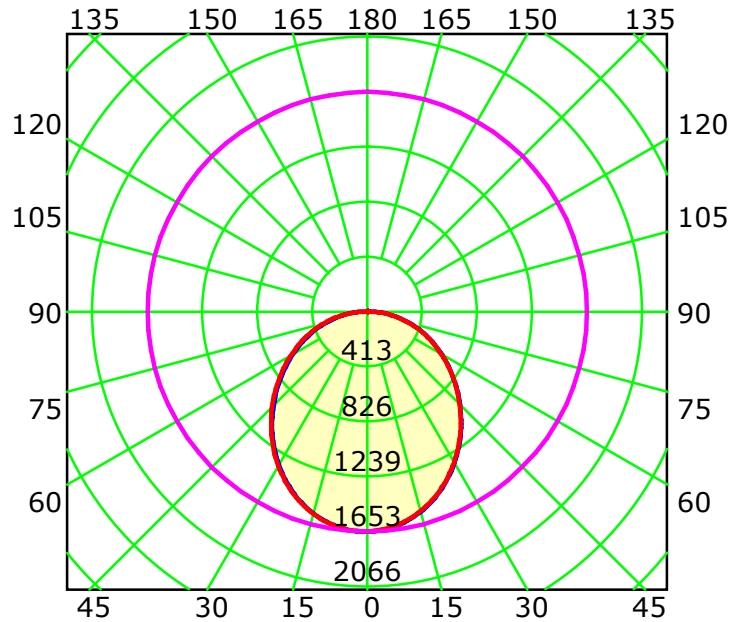
Central Intensity: 1653.23 cd

Pos of Max. Intensity: H180 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 104.7° Unit: cd

— 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

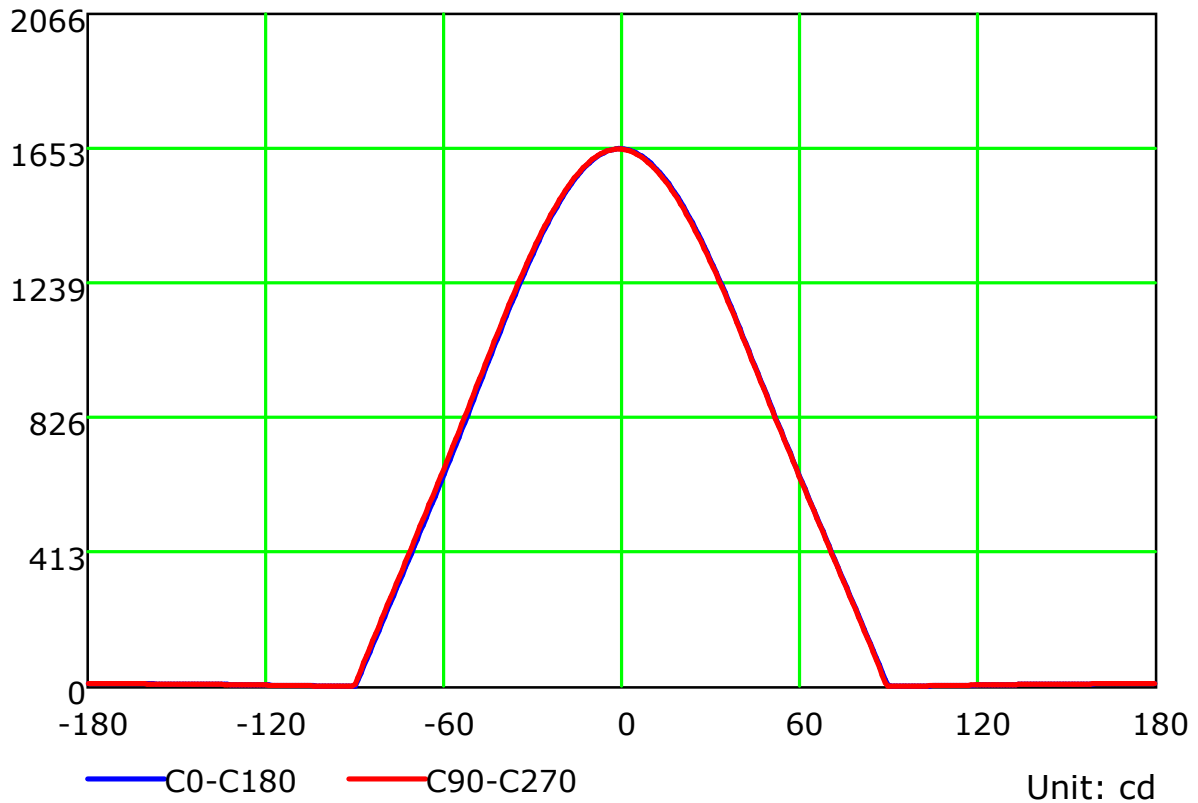
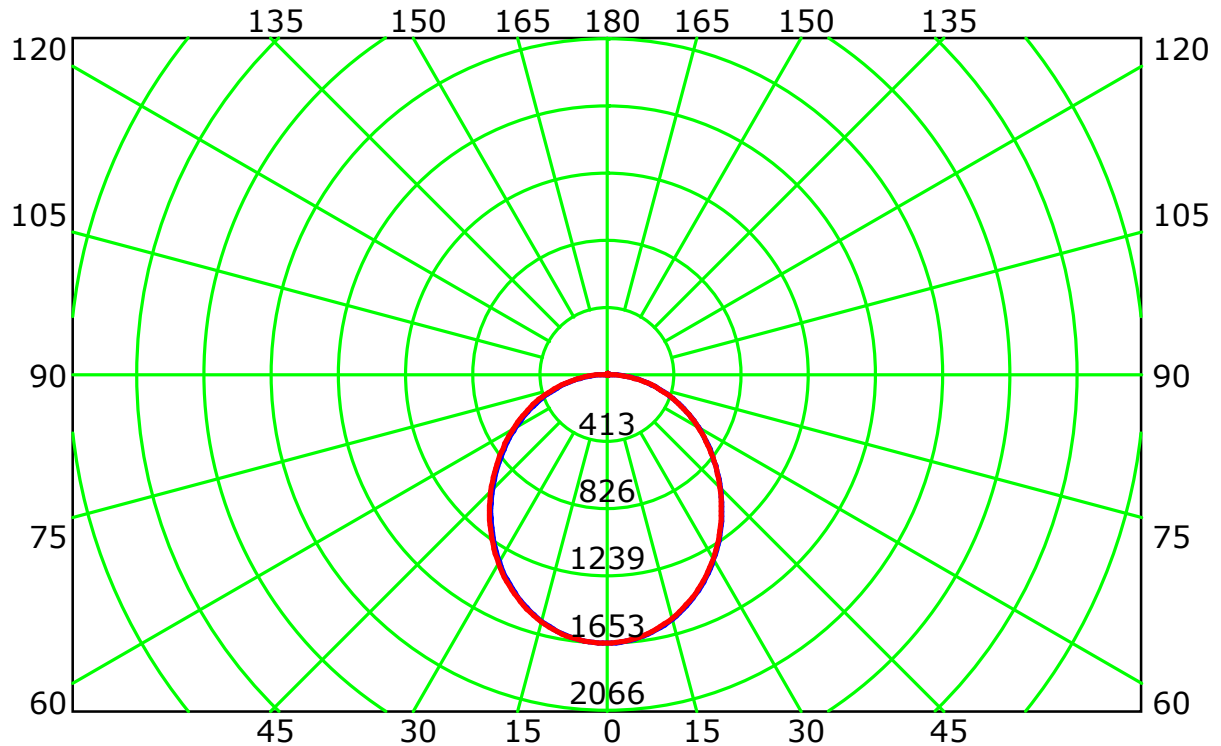
Test Device: LSG-1600B

Distance: 8.140 m

Humidity:

Inspector:

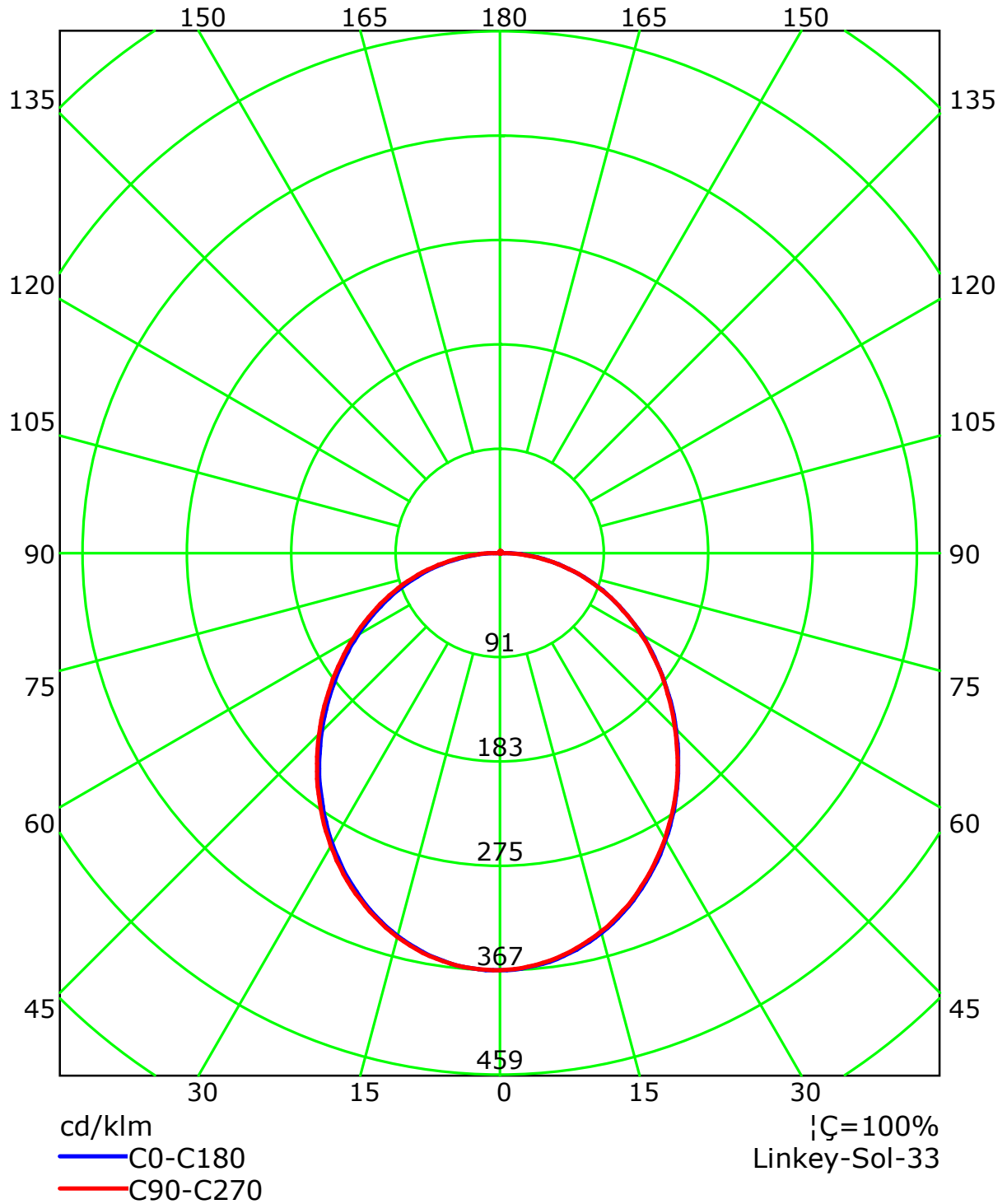
## Luminous Intensity Distribution Curve



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: LSG-1600B  
Distance: 8.140 m  
Humidity:  
Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



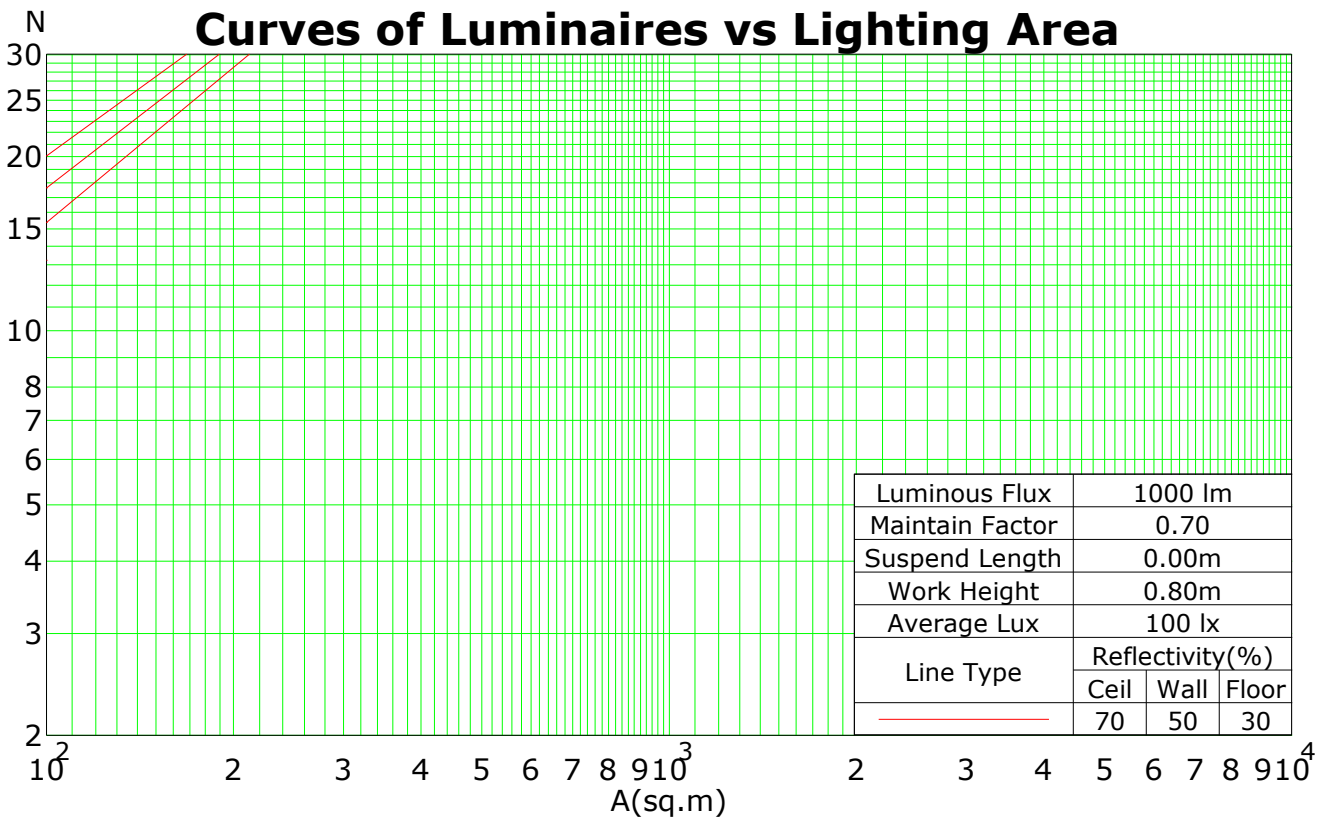
C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: LSG-1600B  
Distance: 8.140 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	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	68
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	51	49
5	76	63	53	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	27
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26	36	30	26	24

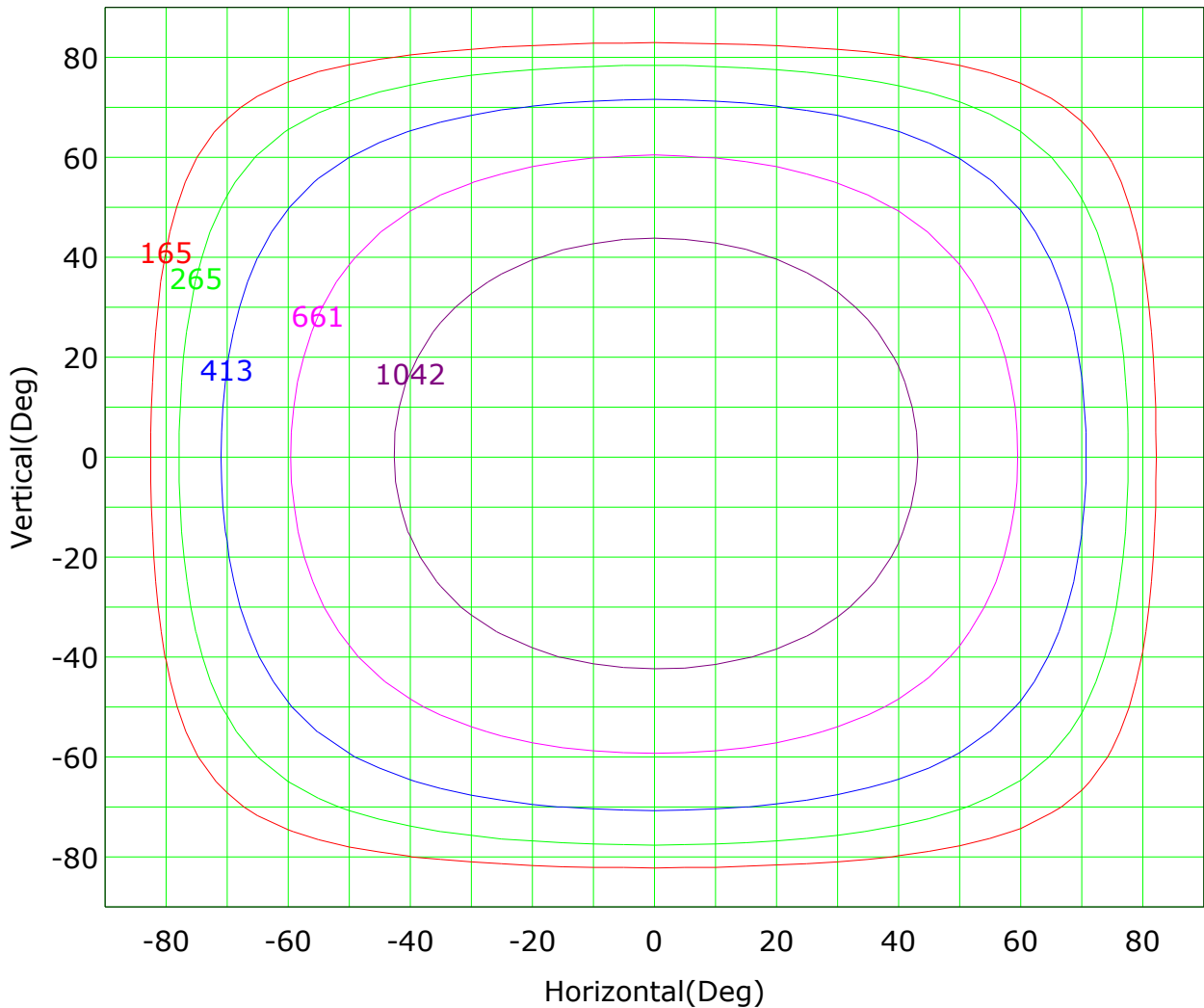
Spacing Criteria (0-180): 1.19  
 Spacing Criteria (90-270): 1.20  
 Spacing Criteria (Diagonal): 1.31



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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



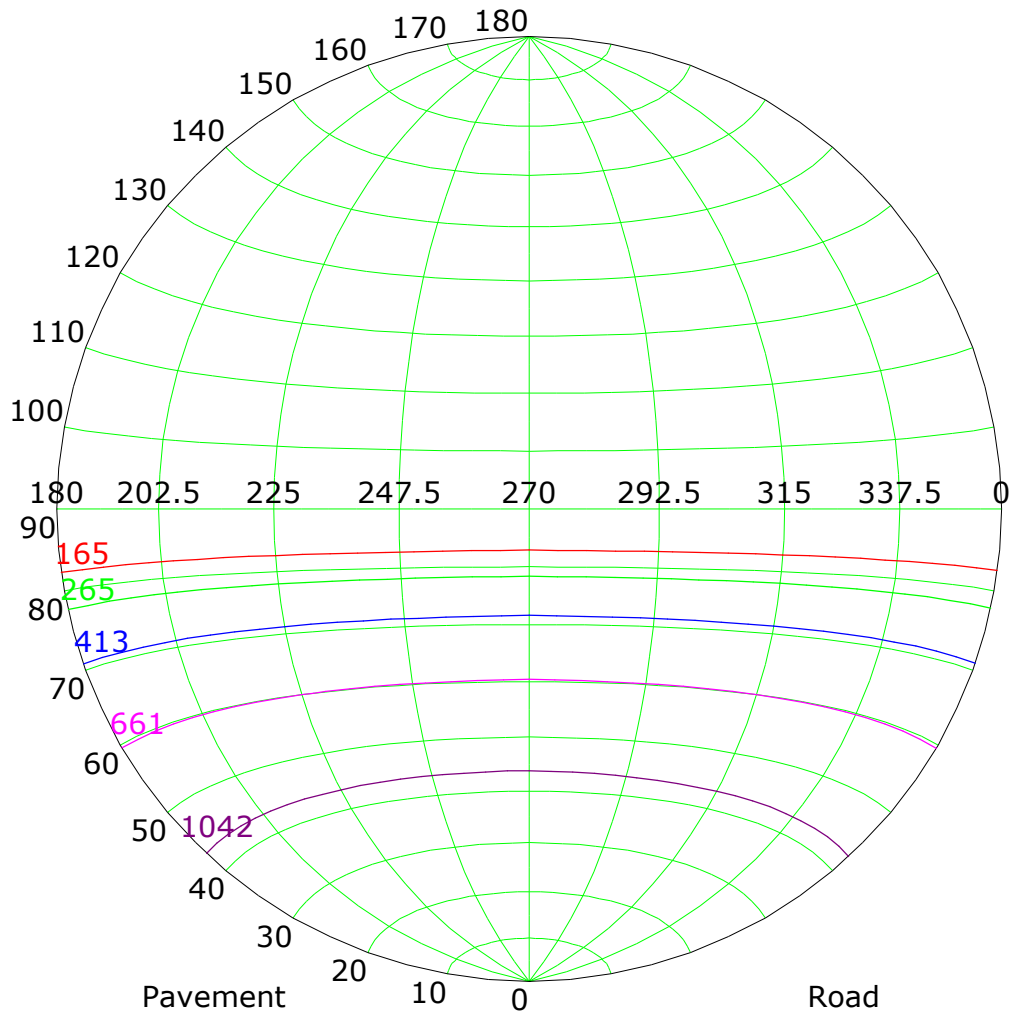
Imax (100%): 1653 cd

( 10%): 165 cd	( 16%): 265 cd
( 25%): 413 cd	( 40%): 661 cd
( 63%): 1042 cd	(100%): 1653 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: LSG-1600B  
Distance: 8.140 m  
Humidity:  
Inspector:

## Isocandela (sphere)



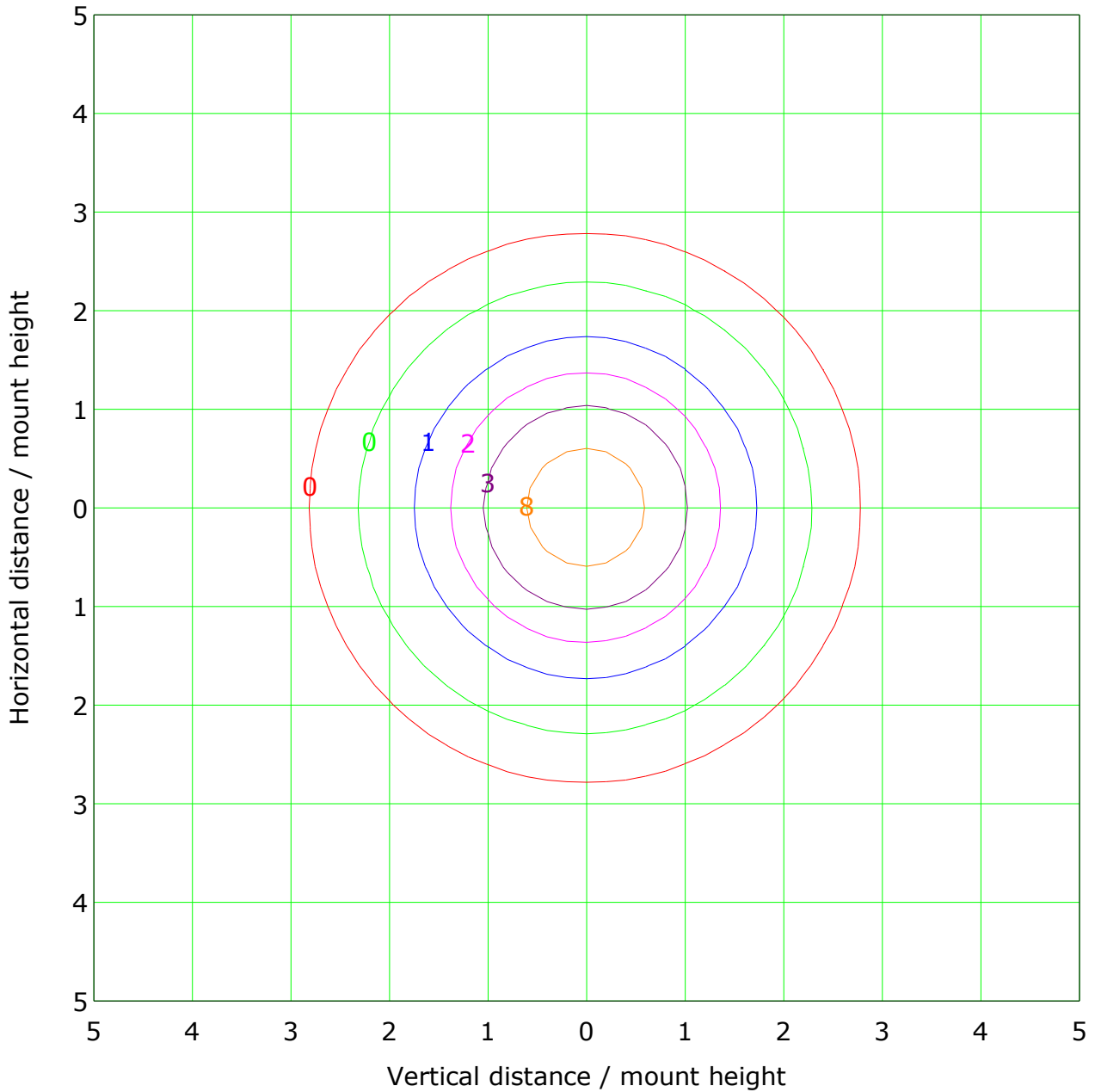
Imax (100%): 1653 cd

— ( 10%): 165 cd	— ( 16%): 265 cd
— ( 25%): 413 cd	— ( 40%): 661 cd
— ( 63%): 1042 cd	— (100%): 1653 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: LSG-1600B  
Distance: 8.140 m  
Humidity:  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 16.5 lx

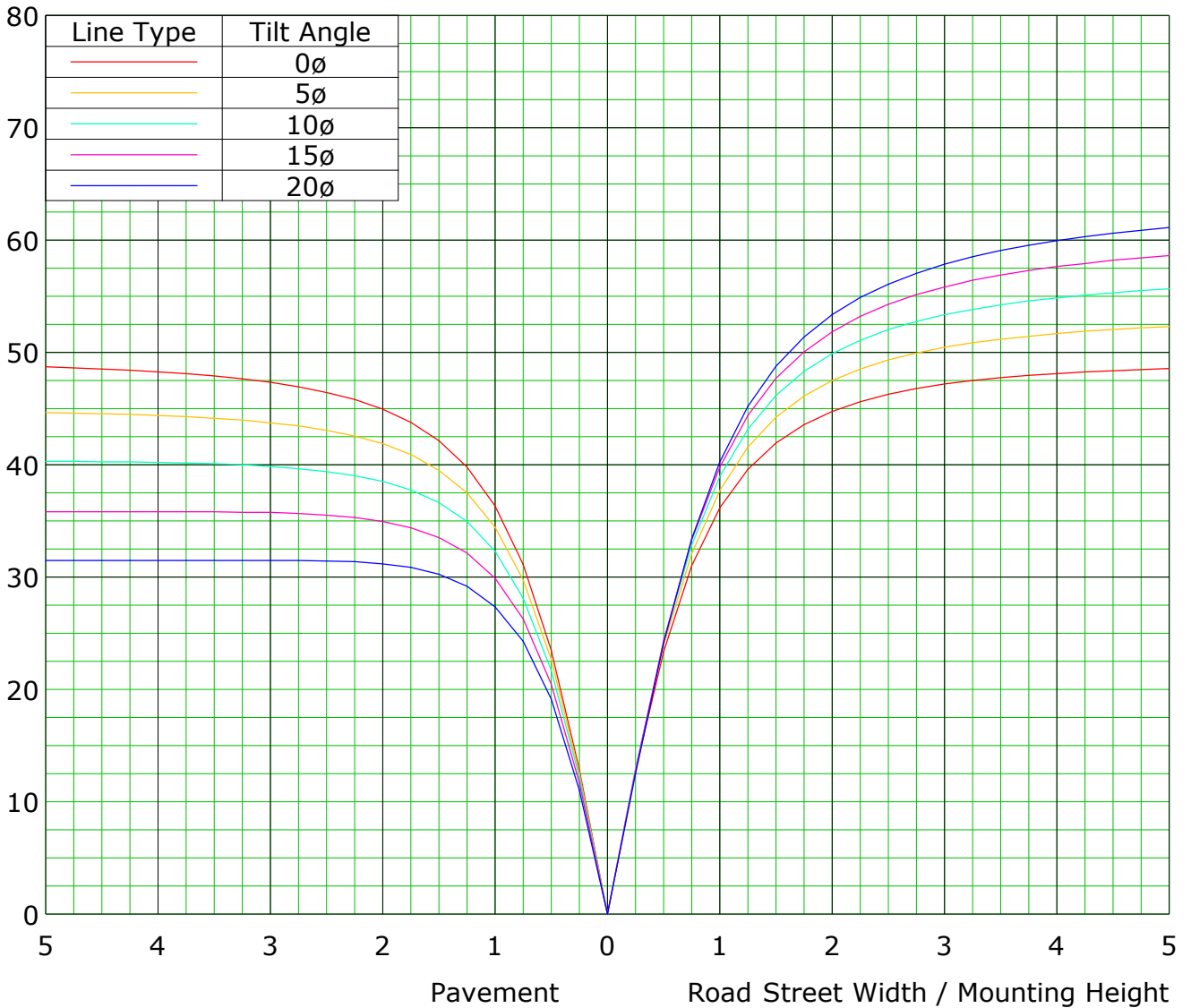
( 1%): 0.2 lx	( 2%): 0.3 lx
( 5%): 0.8 lx	( 10%): 1.7 lx
( 20%): 3.3 lx	( 50%): 8.3 lx
(100%): 16.5 lx	

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: LSG-1600B  
Distance: 8.140 m  
Humidity:  
Inspector:

## Roadway CU Curve

Efficiency(%)



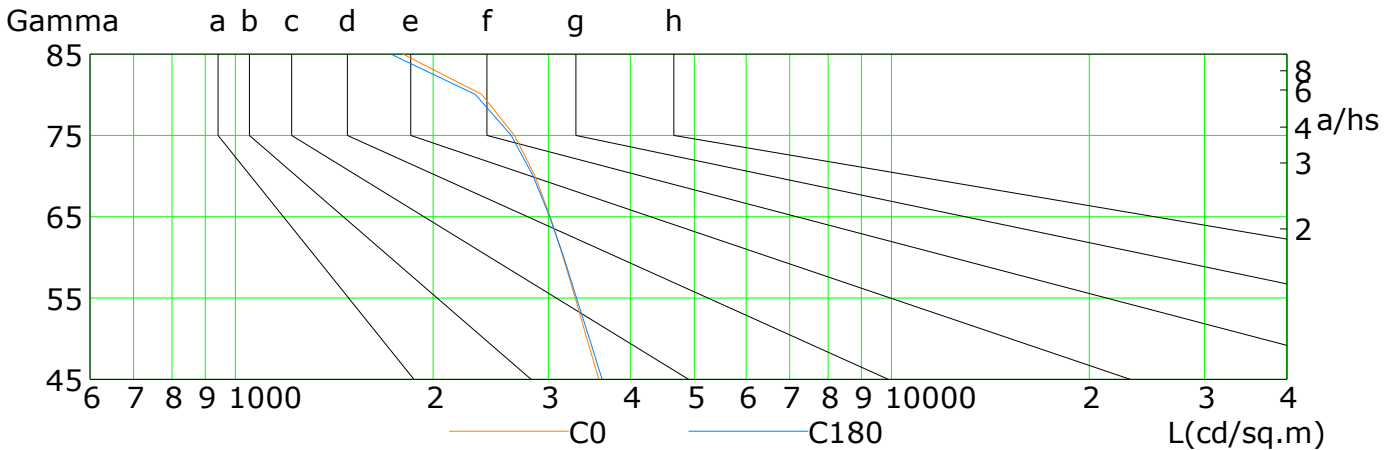
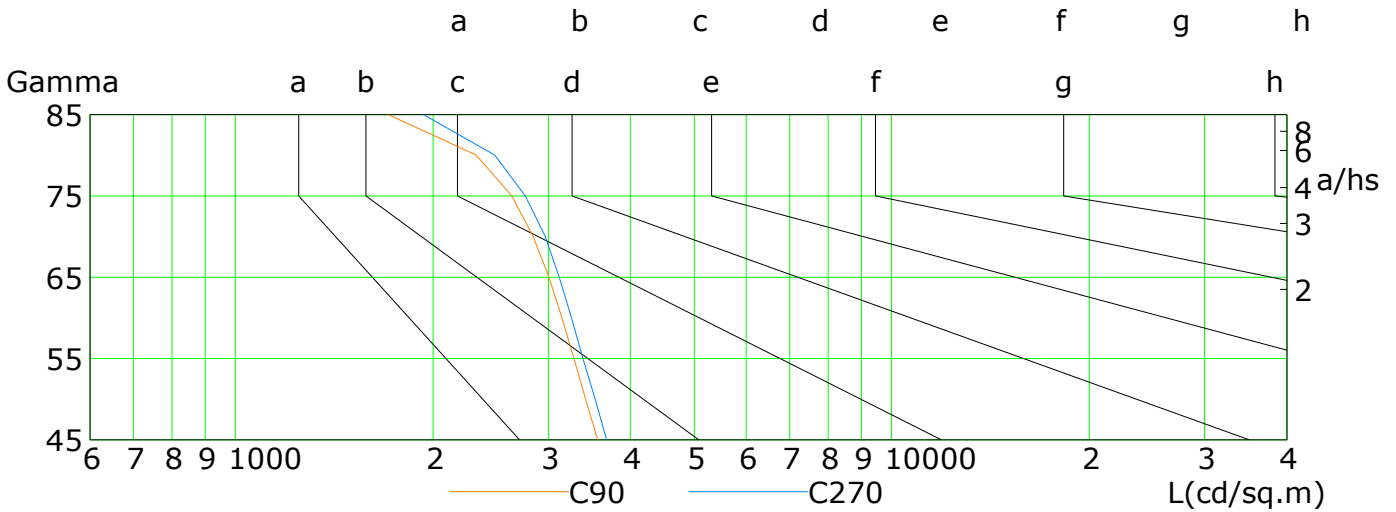
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1600B  
 Distance: 8.140 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

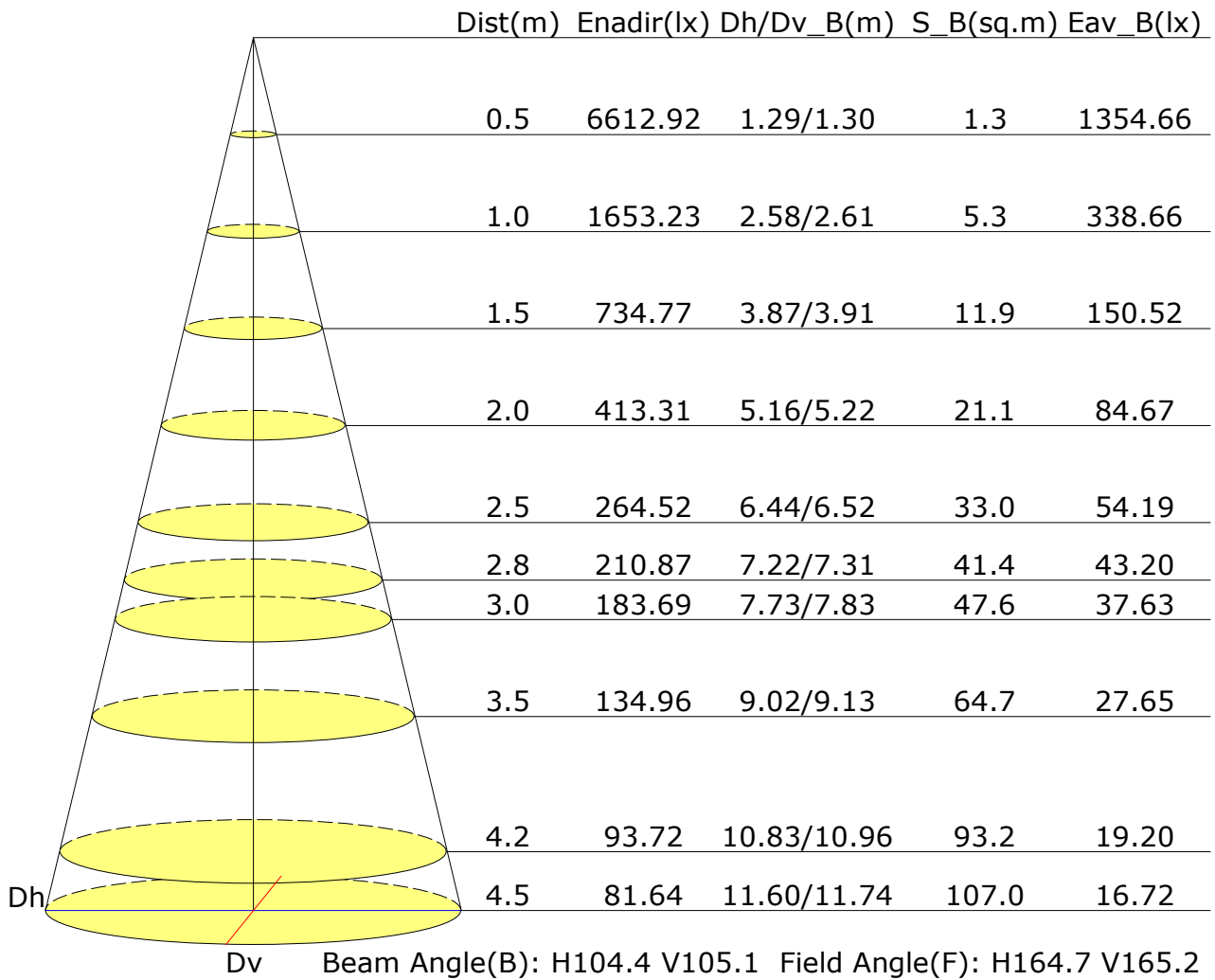


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3580	3435	3292	3162	3018	2863	2661	2374	1799
C90	3564	3417	3279	3143	3003	2840	2637	2326	1709
C180	3622	3464	3308	3163	3014	2845	2634	2323	1727
C270	3679	3533	3388	3253	3118	2962	2769	2485	1935

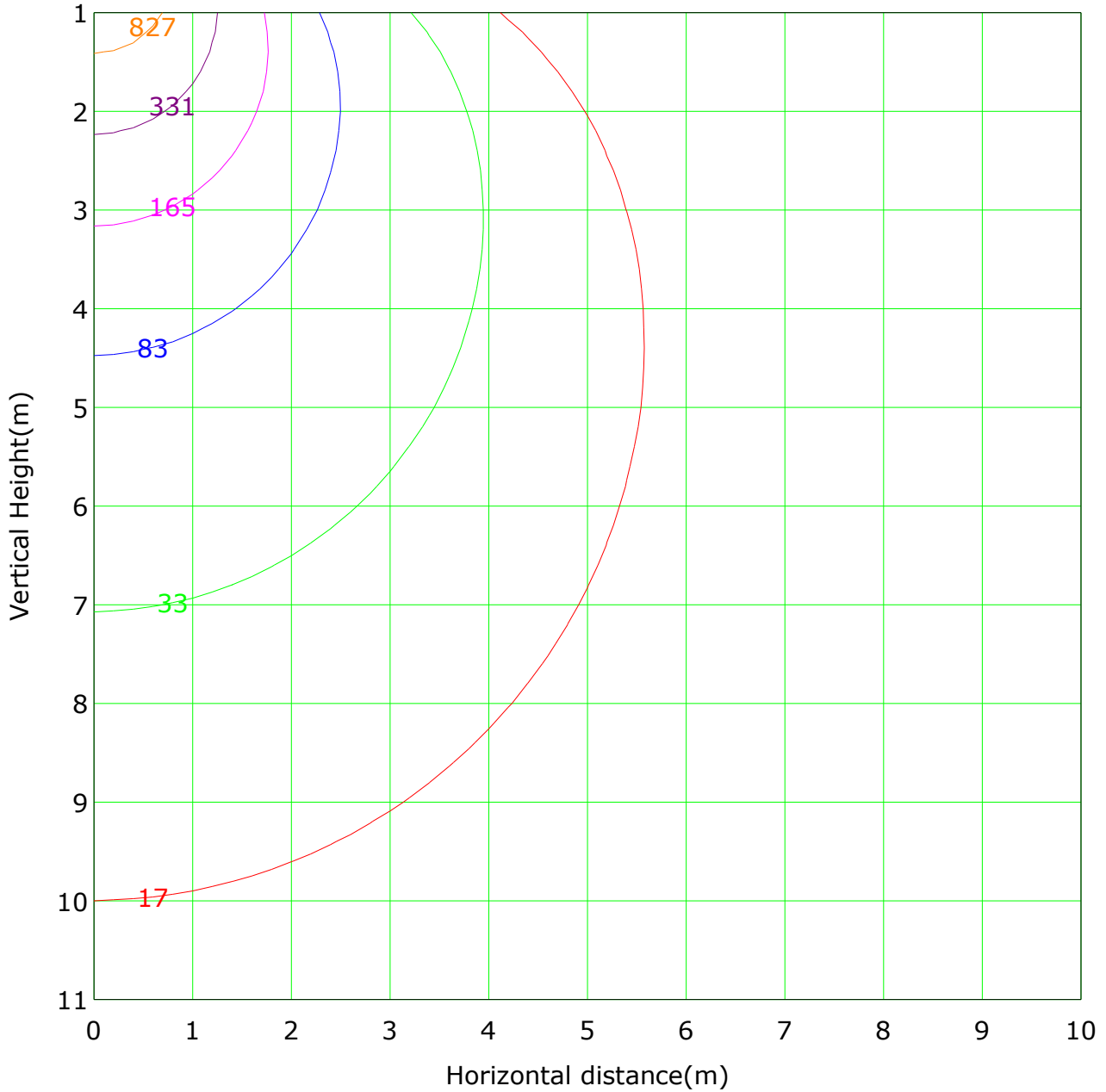
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1653.2 lx  
— ( 1%): 16.5 lx                      — ( 2%): 33.1 lx  
— ( 5%): 82.7 lx                        — ( 10%): 165.3 lx  
— ( 20%): 330.6 lx                    — ( 50%): 826.6 lx  
— (100%):1653.2 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: LSG-1600B  
Distance: 8.140 m  
Humidity:  
Inspector:

Tel:  
Fax:

### Area Flux Table

Unit: lm

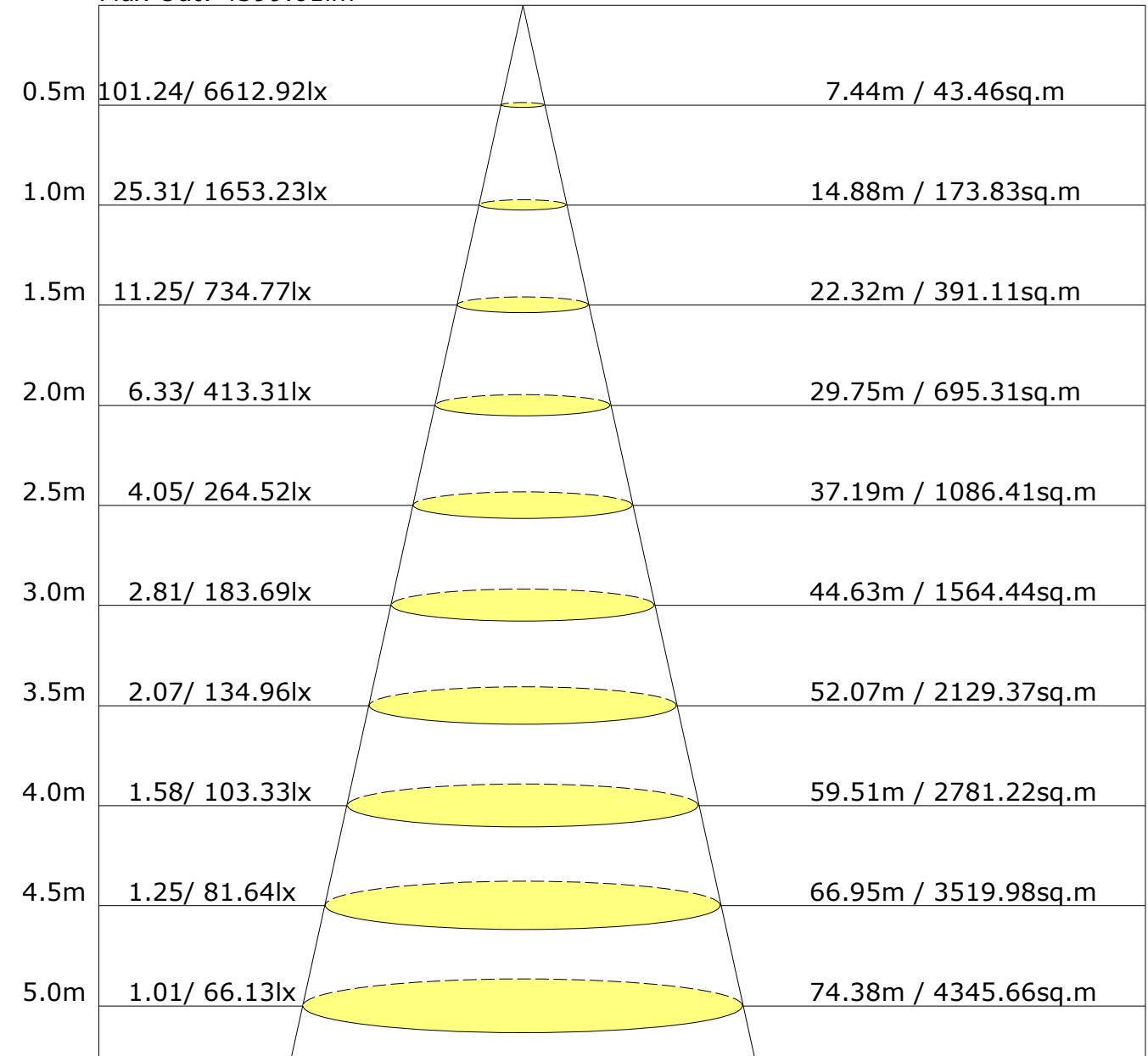
Vertical plane		Horizontal plane																		Flux(E)		
Flux(T)	Flux(E)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
0.0	0.2	0.6	1.1	1.7	2.3	2.9	3.3	3.5	3.5	3.3	2.9	2.4	1.7	1.2	0.6	0.2	0.0	0.0	0.0	0.0	31.5	9.4
0.1	0.7	1.8	3.3	5.0	6.8	8.3	9.5	10.2	10.2	9.5	8.4	6.8	5.1	3.3	1.8	0.7	0.1	0.1	0.1	0.1	91.5	85.5
0.2	1.1	2.9	5.4	8.2	11.1	13.7	15.7	16.8	16.8	15.7	13.8	11.2	8.3	5.4	2.9	1.1	0.2	0.2	0.2	0.2	150.5	148.5
0.2	1.5	4.0	7.3	11.3	15.4	19.1	22.0	23.6	23.6	22.0	19.1	15.4	11.3	7.4	4.0	1.5	0.2	0.2	0.2	0.2	208.8	207.7
0.3	1.9	4.9	9.1	14.2	19.5	24.5	28.3	30.5	30.5	28.3	24.4	19.5	14.2	9.2	4.9	1.9	0.3	0.3	0.3	0.3	266.4	226.5
0.3	2.1	5.7	10.7	16.8	23.4	29.6	34.5	37.2	37.2	34.4	29.5	23.3	16.7	10.7	5.7	2.2	0.3	0.3	0.3	0.3	320.3	319.8
0.3	2.4	6.3	12.0	19.0	26.7	34.0	39.8	43.0	42.9	39.6	33.8	26.5	18.9	12.0	6.4	2.4	0.4	0.4	0.4	0.4	366.4	336.0
0.4	2.5	6.8	12.9	20.6	29.1	37.3	43.7	47.2	47.2	43.5	37.0	28.8	20.4	12.9	6.8	2.6	0.4	0.4	0.4	0.4	399.9	339.5
0.4	2.6	7.0	13.4	21.4	30.3	39.0	45.7	49.4	49.3	45.4	38.6	30.0	21.2	13.3	7.0	2.6	0.4	0.4	0.4	0.4	417.1	416.7
0.4	2.6	7.0	13.3	21.4	30.3	38.9	45.6	49.2	49.1	45.3	38.5	30.0	21.2	13.3	7.0	2.6	0.4	0.4	0.4	0.4	416.0	415.6
0.4	2.5	6.8	12.9	20.5	28.9	37.0	43.3	46.7	46.6	43.1	36.7	28.7	20.3	12.8	6.8	2.6	0.4	0.4	0.4	0.4	396.6	339.6
0.3	2.4	6.3	11.9	18.8	26.4	33.6	39.2	42.2	42.1	39.0	33.4	26.2	18.7	11.9	6.3	2.4	0.3	0.3	0.3	0.3	361.5	361.1
0.3	2.1	5.7	10.6	16.6	23.1	29.1	33.8	36.3	36.2	33.7	28.9	22.9	16.6	10.6	5.7	2.2	0.3	0.3	0.3	0.3	314.7	314.2
0.3	1.8	4.9	9.0	14.0	19.2	24.0	27.7	29.6	29.6	27.6	23.9	19.1	14.0	9.1	4.9	1.9	0.3	0.3	0.3	0.3	260.8	260.1
0.2	1.5	3.9	7.2	11.1	15.1	18.7	21.4	22.9	22.8	21.4	18.7	15.1	11.1	7.3	3.9	1.5	0.2	0.2	0.2	0.2	204.0	202.9
0.2	1.1	2.9	5.3	8.0	10.9	13.4	15.2	16.2	16.2	15.2	13.4	10.9	8.1	5.3	2.9	1.1	0.2	0.2	0.2	0.2	146.4	144.3
0.1	0.7	1.7	3.2	4.9	6.5	8.0	9.1	9.7	9.7	9.1	8.0	6.6	4.9	3.2	1.8	0.7	0.1	0.1	0.1	0.1	88.1	81.5
0.0	0.2	0.5	1.0	1.6	2.1	2.6	2.9	3.1	3.1	3.0	2.6	2.1	1.6	1.1	0.6	0.2	0.0	0.0	0.0	0.0	28.4	6.4
4.3	29.9	79.6	149.7	235.2	327.2	413.5	480.7	517.3	516.7	479.0	411.4	325.4	234.3	149.8	80.1	30.4	4.4	4.4	4.4	4.4	4469	
1.1	25.7	75.7	145.9	231.3	323.4	409.8	477.0	513.6	512.9	475.3	407.6	321.6	230.5	146.0	76.2	26.3	1.2	1.2	1.2	1.2	4401	

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## The Average Illuminance Effective Figure

Flux Out: 4399.61lm



Height

Avg./Nadir. E

Beam Angle:164.7°

Diameter / Area

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## UGR Table

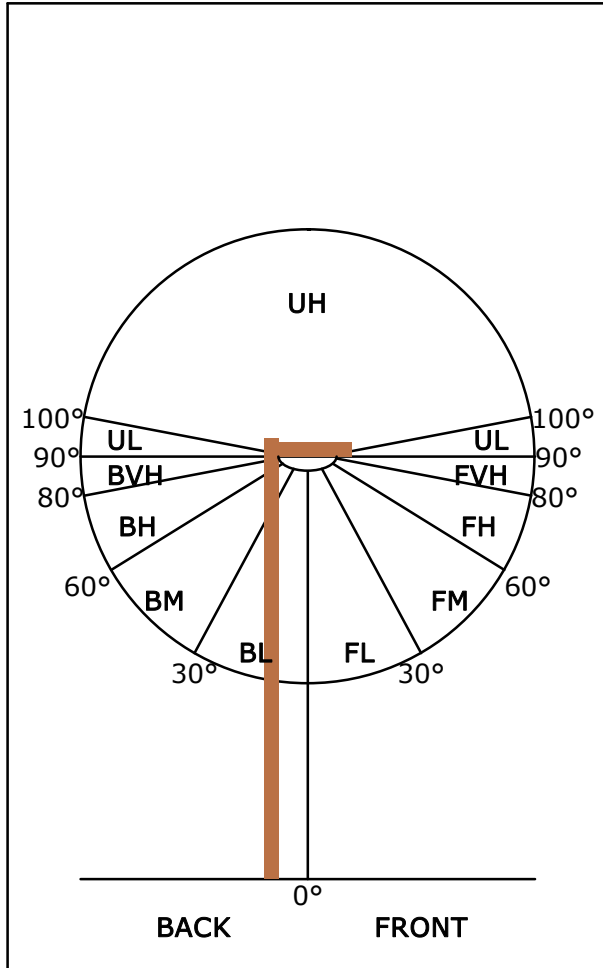
Reflectance:											
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
X=2H Y=2H	10.7	12.3	11.1	12.7	13.0	10.7	12.3	11.0	12.6	13.0	
3H	12.6	14.1	13.0	14.4	14.8	12.5	14.0	12.9	14.4	14.7	
4H	13.3	14.7	13.7	15.1	15.5	13.3	14.7	13.7	15.0	15.4	
6H	13.9	15.2	14.3	15.6	16.0	13.9	15.1	14.3	15.5	15.9	
8H	14.1	15.4	14.6	15.8	16.2	14.0	15.3	14.5	15.7	16.1	
12H	14.3	15.4	14.7	15.8	16.3	14.2	15.4	14.6	15.8	16.2	
X=4H Y=2H	11.3	12.7	11.7	13.1	13.5	11.3	12.7	11.7	13.0	13.4	
3H	13.4	14.6	13.9	15.0	15.4	13.4	14.6	13.8	15.0	15.4	
4H	14.3	15.4	14.8	15.8	16.3	14.3	15.3	14.7	15.7	16.2	
6H	15.0	16.0	15.5	16.4	16.9	15.0	15.9	15.4	16.4	16.8	
8H	15.3	16.2	15.8	16.6	17.1	15.2	16.1	15.7	16.5	17.0	
12H	15.5	16.3	16.0	16.7	17.2	15.4	16.2	15.9	16.7	17.1	
X=8H Y=4H	14.7	15.5	15.1	16.0	16.5	14.6	15.5	15.1	15.9	16.4	
6H	15.5	16.2	16.0	16.7	17.2	15.4	16.1	15.9	16.6	17.1	
8H	15.8	16.5	16.3	17.0	17.5	15.7	16.4	16.3	16.9	17.4	
12H	16.1	16.7	16.6	17.2	17.7	16.0	16.6	16.5	17.1	17.6	
X=12H Y=4H	14.7	15.5	15.2	16.0	16.5	14.6	15.4	15.1	15.9	16.4	
6H	15.6	16.2	16.1	16.7	17.3	15.5	16.2	16.0	16.6	17.2	
8H	16.0	16.5	16.5	17.0	17.6	15.9	16.4	16.4	16.9	17.5	

Calculate in accordance with CIE 190:2010

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

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



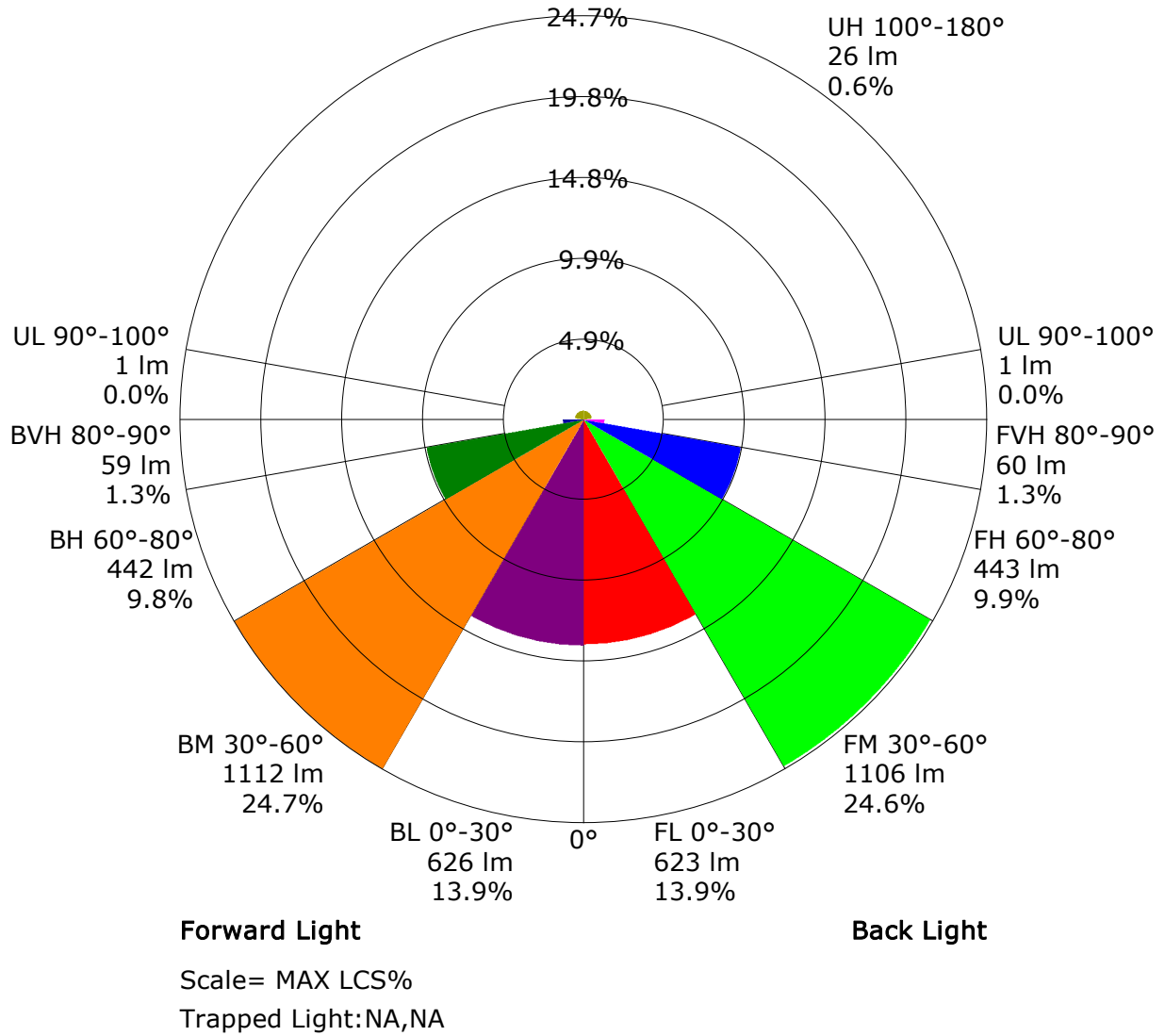
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2232	49.6
FL ( 0°-30°)	623	13.9
FM (30°-60°)	1106	24.6
FH (60°-80°)	443	9.9
FVH (80°-90°)	60	1.3
BACK LIGHT	2238	49.8
BL ( 0°-30°)	626	13.9
BM (30°-60°)	1112	24.7
BH (60°-80°)	442	9.8
BVH (80°-90°)	59	1.3
UP LIGHT	27	0.6
UL (90°-100°)	1	0.0
UH (100°-180°)	26	0.6
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U2 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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## LCS Graph





## 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	0.57	0.67	0.74	0.79	0.86	0.92	0.95	1.00	1.03
	0.30		0.49	0.59	0.66	0.72	0.80	0.86	0.90	0.95	0.99
	0.20		0.43	0.53	0.61	0.66	0.75	0.81	0.85	0.92	0.96
0.50	0.50	0.20	0.55	0.65	0.71	0.76	0.83	0.88	0.91	0.96	0.98
	0.30		0.48	0.58	0.65	0.70	0.78	0.83	0.87	0.92	0.95
	0.20		0.43	0.53	0.60	0.65	0.73	0.79	0.83	0.89	0.92
0.30	0.50	0.20	0.53	0.63	0.69	0.74	0.80	0.85	0.88	0.92	0.94
	0.30		0.47	0.57	0.63	0.69	0.76	0.81	0.84	0.89	0.92
	0.20		0.42	0.52	0.59	0.64	0.72	0.77	0.81	0.86	0.90
0.00	0.00	0.00	0.40	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
<p>Rating:33W 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(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	1.00	0.83	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.83	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.71	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.80	0.68	0.59	0.48	0.43	0.34	0.27	0.22	
	0.30		0.82	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.77	0.65	0.57	0.46	0.38	0.33	0.25	0.21	
	0.30		0.80	0.67	0.58	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.60	0.50	0.44	0.39	0.32	0.27	0.23	0.18	0.15	
<p>Rating:33W 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 = 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	0.20	0.21	0.21	0.22	0.22	0.23
	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	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	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	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	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:33W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1652.2	1.6	1.6	0.04	0.04
1.0-2.0	1651.4	4.7	6.3	0.11	0.14
2.0-3.0	1649.8	7.9	14.2	0.18	0.32
3.0-4.0	1647.4	11.0	25.2	0.25	0.56
4.0-5.0	1644.1	14.1	39.4	0.31	0.88
5.0-6.0	1640.1	17.2	56.6	0.38	1.26
6.0-7.0	1635.2	20.3	76.9	0.45	1.71
7.0-8.0	1629.7	23.3	100.3	0.52	2.23
8.0-9.0	1623.3	26.3	126.6	0.59	2.81
9.0-10.0	1616.1	29.3	155.8	0.65	3.47
10.0-11.0	1608.2	32.1	188.0	0.71	4.18
11.0-12.0	1599.4	35.0	222.9	0.78	4.96
12.0-13.0	1589.9	37.7	260.7	0.84	5.80
13.0-14.0	1579.8	40.4	301.1	0.90	6.70
14.0-15.0	1569.0	43.1	344.2	0.96	7.66
15.0-16.0	1557.5	45.6	389.8	1.02	8.67
16.0-17.0	1545.2	48.1	437.9	1.07	9.74
17.0-18.0	1532.3	50.5	488.5	1.12	10.86
18.0-19.0	1518.8	52.8	541.3	1.18	12.04
19.0-20.0	1504.7	55.1	596.4	1.23	13.26
20.0-21.0	1489.9	57.2	653.6	1.27	14.54
21.0-22.0	1474.5	59.3	712.9	1.32	15.86
22.0-23.0	1458.4	61.2	774.1	1.36	17.22
23.0-24.0	1441.9	63.1	837.1	1.40	18.62
24.0-25.0	1424.9	64.8	901.9	1.44	20.06
25.0-26.0	1407.4	66.4	968.4	1.48	21.54
26.0-27.0	1389.4	68.0	1036.4	1.51	23.05
27.0-28.0	1370.9	69.4	1105.8	1.54	24.59
28.0-29.0	1351.9	70.7	1176.5	1.57	26.17
29.0-30.0	1332.6	72.0	1248.5	1.60	27.77
30.0-31.0	1312.9	73.1	1321.5	1.63	29.39
31.0-32.0	1292.8	74.1	1395.6	1.65	31.04
32.0-33.0	1272.4	75.0	1470.6	1.67	32.71
33.0-34.0	1251.8	75.8	1546.4	1.69	34.39
34.0-35.0	1230.6	76.4	1622.8	1.70	36.09
35.0-36.0	1209.0	77.0	1699.8	1.71	37.81

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: LSG-1600B  
 Distance: 8.140 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	1187.6	77.5	1777.2	1.72	39.53
37.0-38.0	1166.0	77.8	1855.1	1.73	41.26
38.0-39.0	1143.9	78.1	1933.2	1.74	43.00
39.0-40.0	1121.5	78.2	2011.4	1.74	44.74
40.0-41.0	1098.9	78.3	2089.7	1.74	46.48
41.0-42.0	1076.2	78.2	2167.9	1.74	48.22
42.0-43.0	1053.4	78.0	2245.9	1.74	49.95
43.0-44.0	1030.4	77.8	2323.7	1.73	51.68
44.0-45.0	1007.4	77.4	2401.1	1.72	53.40
45.0-46.0	984.3	77.0	2478.1	1.71	55.12
46.0-47.0	961.3	76.5	2554.6	1.70	56.82
47.0-48.0	938.5	75.9	2630.5	1.69	58.51
48.0-49.0	915.4	75.2	2705.6	1.67	60.18
49.0-50.0	892.3	74.4	2780.0	1.65	61.83
50.0-51.0	869.1	73.5	2853.6	1.64	63.47
51.0-52.0	846.0	72.6	2926.2	1.61	65.08
52.0-53.0	823.2	71.6	2997.8	1.59	66.68
53.0-54.0	800.7	70.6	3068.4	1.57	68.25
54.0-55.0	777.9	69.5	3137.9	1.54	69.79
55.0-56.0	755.1	68.2	3206.1	1.52	71.31
56.0-57.0	732.8	67.0	3273.1	1.49	72.80
57.0-58.0	710.6	65.7	3338.8	1.46	74.26
58.0-59.0	688.3	64.4	3403.2	1.43	75.69
59.0-60.0	666.1	62.9	3466.1	1.40	77.09
60.0-61.0	643.8	61.4	3527.6	1.37	78.46
61.0-62.0	621.5	59.9	3587.5	1.33	79.79
62.0-63.0	599.5	58.3	3645.8	1.30	81.09
63.0-64.0	577.5	56.7	3702.4	1.26	82.35
64.0-65.0	555.7	55.0	3757.4	1.22	83.57
65.0-66.0	533.9	53.3	3810.7	1.19	84.76
66.0-67.0	512.0	51.5	3862.2	1.15	85.90
67.0-68.0	490.3	49.7	3911.9	1.10	87.01
68.0-69.0	468.4	47.8	3959.7	1.06	88.07
69.0-70.0	446.4	45.9	4005.5	1.02	89.09
70.0-71.0	424.6	43.9	4049.4	0.98	90.07
71.0-72.0	402.9	41.9	4091.3	0.93	91.00

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: LSG-1600B  
 Distance: 8.140 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	381.1	39.9	4131.2	0.89	91.88
73.0-74.0	359.3	37.8	4168.9	0.84	92.72
74.0-75.0	337.6	35.7	4204.6	0.79	93.52
75.0-76.0	316.1	33.6	4238.2	0.75	94.26
76.0-77.0	294.5	31.4	4269.6	0.70	94.96
77.0-78.0	272.8	29.2	4298.8	0.65	95.61
78.0-79.0	251.3	27.0	4325.8	0.60	96.21
79.0-80.0	229.6	24.8	4350.6	0.55	96.76
80.0-81.0	207.8	22.5	4373.0	0.50	97.26
81.0-82.0	186.1	20.2	4393.2	0.45	97.71
82.0-83.0	164.3	17.9	4411.1	0.40	98.11
83.0-84.0	142.4	15.5	4426.6	0.35	98.45
84.0-85.0	120.6	13.2	4439.8	0.29	98.75
85.0-86.0	98.7	10.8	4450.6	0.24	98.99
86.0-87.0	76.3	8.4	4458.9	0.19	99.17
87.0-88.0	53.4	5.8	4464.8	0.13	99.30
88.0-89.0	30.2	3.3	4468.1	0.07	99.38
89.0-90.0	11.0	1.2	4469.3	0.03	99.40
90.0-91.0	2.0	0.2	4469.5	0.00	99.41
91.0-92.0	0.6	0.1	4469.6	0.00	99.41
92.0-93.0	0.6	0.1	4469.6	0.00	99.41
93.0-94.0	0.7	0.1	4469.7	0.00	99.41
94.0-95.0	0.8	0.1	4469.8	0.00	99.42
95.0-96.0	0.9	0.1	4469.9	0.00	99.42
96.0-97.0	1.1	0.1	4470.0	0.00	99.42
97.0-98.0	1.2	0.1	4470.2	0.00	99.42
98.0-99.0	1.3	0.1	4470.3	0.00	99.43
99.0-100.0	1.4	0.2	4470.4	0.00	99.43
100.0-101.0	1.5	0.2	4470.6	0.00	99.43
101.0-102.0	1.7	0.2	4470.8	0.00	99.44
102.0-103.0	1.8	0.2	4471.0	0.00	99.44
103.0-104.0	1.9	0.2	4471.2	0.00	99.45
104.0-105.0	2.1	0.2	4471.4	0.00	99.45
105.0-106.0	2.2	0.2	4471.6	0.01	99.46
106.0-107.0	2.3	0.2	4471.9	0.01	99.46
107.0-108.0	2.5	0.3	4472.1	0.01	99.47

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: LSG-1600B  
 Distance: 8.140 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	2.6	0.3	4472.4	0.01	99.47
109.0-110.0	2.7	0.3	4472.7	0.01	99.48
110.0-111.0	2.8	0.3	4473.0	0.01	99.49
111.0-112.0	3.0	0.3	4473.3	0.01	99.49
112.0-113.0	3.1	0.3	4473.6	0.01	99.50
113.0-114.0	3.2	0.3	4473.9	0.01	99.51
114.0-115.0	3.4	0.3	4474.3	0.01	99.51
115.0-116.0	3.5	0.4	4474.6	0.01	99.52
116.0-117.0	3.7	0.4	4475.0	0.01	99.53
117.0-118.0	3.8	0.4	4475.3	0.01	99.54
118.0-119.0	3.9	0.4	4475.7	0.01	99.55
119.0-120.0	4.1	0.4	4476.1	0.01	99.56
120.0-121.0	4.2	0.4	4476.5	0.01	99.56
121.0-122.0	4.4	0.4	4476.9	0.01	99.57
122.0-123.0	4.5	0.4	4477.3	0.01	99.58
123.0-124.0	4.6	0.4	4477.8	0.01	99.59
124.0-125.0	4.7	0.4	4478.2	0.01	99.60
125.0-126.0	4.8	0.4	4478.6	0.01	99.61
126.0-127.0	5.0	0.4	4479.0	0.01	99.62
127.0-128.0	5.1	0.4	4479.5	0.01	99.63
128.0-129.0	5.2	0.4	4479.9	0.01	99.64
129.0-130.0	5.3	0.5	4480.4	0.01	99.65
130.0-131.0	5.4	0.5	4480.8	0.01	99.66
131.0-132.0	5.6	0.5	4481.3	0.01	99.67
132.0-133.0	5.7	0.5	4481.8	0.01	99.68
133.0-134.0	5.9	0.5	4482.2	0.01	99.69
134.0-135.0	6.0	0.5	4482.7	0.01	99.70
135.0-136.0	6.1	0.5	4483.2	0.01	99.71
136.0-137.0	6.2	0.5	4483.6	0.01	99.72
137.0-138.0	6.3	0.5	4484.1	0.01	99.73
138.0-139.0	6.3	0.5	4484.6	0.01	99.74
139.0-140.0	6.4	0.5	4485.0	0.01	99.75
140.0-141.0	6.5	0.5	4485.5	0.01	99.76
141.0-142.0	6.6	0.5	4485.9	0.01	99.77
142.0-143.0	6.7	0.5	4486.4	0.01	99.78
143.0-144.0	6.9	0.4	4486.8	0.01	99.79

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: LSG-1600B  
 Distance: 8.140 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	6.9	0.4	4487.3	0.01	99.80
145.0-146.0	7.0	0.4	4487.7	0.01	99.81
146.0-147.0	7.1	0.4	4488.1	0.01	99.82
147.0-148.0	7.2	0.4	4488.6	0.01	99.83
148.0-149.0	7.3	0.4	4489.0	0.01	99.84
149.0-150.0	7.3	0.4	4489.4	0.01	99.85
150.0-151.0	7.3	0.4	4489.8	0.01	99.86
151.0-152.0	7.4	0.4	4490.2	0.01	99.87
152.0-153.0	7.5	0.4	4490.6	0.01	99.88
153.0-154.0	7.6	0.4	4490.9	0.01	99.89
154.0-155.0	7.6	0.4	4491.3	0.01	99.89
155.0-156.0	7.7	0.4	4491.6	0.01	99.90
156.0-157.0	7.7	0.3	4492.0	0.01	99.91
157.0-158.0	7.8	0.3	4492.3	0.01	99.92
158.0-159.0	7.9	0.3	4492.6	0.01	99.92
159.0-160.0	8.0	0.3	4492.9	0.01	99.93
160.0-161.0	8.0	0.3	4493.2	0.01	99.94
161.0-162.0	8.1	0.3	4493.5	0.01	99.94
162.0-163.0	8.2	0.3	4493.8	0.01	99.95
163.0-164.0	8.3	0.3	4494.0	0.01	99.95
164.0-165.0	8.3	0.2	4494.3	0.01	99.96
165.0-166.0	8.3	0.2	4494.5	0.01	99.96
166.0-167.0	8.3	0.2	4494.7	0.00	99.97
167.0-168.0	8.4	0.2	4494.9	0.00	99.97
168.0-169.0	8.4	0.2	4495.1	0.00	99.98
169.0-170.0	8.5	0.2	4495.3	0.00	99.98
170.0-171.0	8.5	0.2	4495.4	0.00	99.99
171.0-172.0	8.6	0.1	4495.6	0.00	99.99
172.0-173.0	8.6	0.1	4495.7	0.00	99.99
173.0-174.0	8.7	0.1	4495.8	0.00	99.99
174.0-175.0	8.7	0.1	4495.9	0.00	100.00
175.0-176.0	8.8	0.1	4496.0	0.00	100.00
176.0-177.0	8.8	0.1	4496.0	0.00	100.00
177.0-178.0	8.8	0.0	4496.1	0.00	100.00
178.0-179.0	8.8	0.0	4496.1	0.00	100.00
179.0-180.0	8.9	0.0	4496.1	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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:



## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1653.2	1651.7	1653.2	1651.7	1653.2					
G1.0	1652.2	1650.4	1653.3	1652.0	1652.2					
G2.0	1650.6	1648.4	1652.5	1651.8	1650.6					
G3.0	1648.0	1645.5	1651.0	1650.7	1648.0					
G4.0	1644.6	1641.8	1648.7	1648.7	1644.6					
G5.0	1640.4	1637.3	1645.6	1646.1	1640.4					
G6.0	1635.4	1631.9	1641.4	1642.4	1635.4					
G7.0	1630.0	1626.2	1636.8	1637.9	1630.0					
G8.0	1623.2	1619.5	1631.2	1632.7	1623.2					
G9.0	1616.1	1611.9	1624.7	1626.8	1616.1					
G10.0	1608.5	1603.6	1617.4	1619.9	1608.5					
G11.0	1599.7	1594.4	1609.7	1611.9	1599.7					
G12.0	1589.9	1584.9	1600.6	1603.8	1589.9					
G13.0	1579.8	1574.3	1591.4	1594.9	1579.8					
G14.0	1569.0	1563.3	1581.0	1584.9	1569.0					
G15.0	1557.7	1551.5	1570.1	1574.4	1557.7					
G16.0	1545.3	1539.7	1558.3	1563.1	1545.3					
G17.0	1532.4	1525.9	1545.9	1551.0	1532.4					
G18.0	1519.0	1512.9	1533.1	1538.4	1519.0					
G19.0	1504.9	1498.4	1519.1	1524.8	1504.9					
G20.0	1490.2	1484.0	1504.6	1511.2	1490.2					
G21.0	1474.8	1468.3	1489.8	1496.5	1474.8					
G22.0	1458.9	1452.4	1473.9	1481.2	1458.9					
G23.0	1442.4	1435.2	1457.9	1465.2	1442.4					
G24.0	1425.1	1418.7	1441.3	1449.4	1425.1					
G25.0	1407.6	1401.3	1423.3	1432.4	1407.6					
G26.0	1389.7	1383.4	1405.8	1415.3	1389.7					
G27.0	1371.8	1364.6	1388.1	1396.8	1371.8					
G28.0	1352.5	1345.8	1368.8	1378.7	1352.5					
G29.0	1333.2	1326.6	1349.7	1360.2	1333.2					
G30.0	1313.4	1307.5	1329.9	1340.4	1313.4					
G31.0	1294.3	1287.4	1309.3	1320.9	1294.3					
G32.0	1273.0	1267.7	1289.1	1300.7	1273.0					
G33.0	1252.7	1246.5	1268.6	1280.6	1252.7					
G34.0	1232.2	1226.6	1247.3	1259.5	1232.2					
G35.0	1210.5	1205.1	1225.7	1238.2	1210.5					
G36.0	1188.9	1183.2	1203.2	1217.1	1188.9					

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	1167.7	1162.1	1182.5	1195.7	1167.7					
G38.0	1145.1	1140.4	1160.1	1174.2	1145.1					
G39.0	1123.4	1118.5	1138.0	1151.9	1123.4					
G40.0	1100.5	1095.8	1115.2	1128.9	1100.5					
G41.0	1078.1	1074.0	1092.2	1106.2	1078.1					
G42.0	1055.4	1051.1	1068.6	1084.4	1055.4					
G43.0	1032.8	1028.3	1045.3	1061.2	1032.8					
G44.0	1009.5	1005.0	1022.5	1038.5	1009.5					
G45.0	987.2	982.8	999.0	1014.7	987.2					
G46.0	964.3	960.0	975.3	991.2	964.3					
G47.0	942.0	937.7	951.7	968.3	942.0					
G48.0	919.3	915.5	928.4	944.8	919.3					
G49.0	896.6	892.3	905.0	921.3	896.6					
G50.0	873.9	869.3	881.3	898.8	873.9					
G51.0	850.7	847.3	857.4	874.3	850.7					
G52.0	828.2	824.4	833.8	851.9	828.2					
G53.0	805.3	802.7	810.8	828.8	805.3					
G54.0	783.4	779.9	788.0	806.7	783.4					
G55.0	760.7	757.8	764.3	782.7	760.7					
G56.0	738.5	735.2	741.8	760.0	738.5					
G57.0	717.0	714.2	718.3	737.3	717.0					
G58.0	694.4	691.7	696.6	715.2	694.4					
G59.0	672.5	669.8	673.5	692.5	672.5					
G60.0	651.2	647.3	651.5	670.1	651.2					
G61.0	628.4	625.7	628.6	647.6	628.4					
G62.0	606.7	603.6	606.1	625.2	606.7					
G63.0	585.0	581.8	584.0	603.2	585.0					
G64.0	562.8	560.7	561.9	580.4	562.8					
G65.0	541.2	538.5	540.5	559.2	541.2					
G66.0	519.7	516.9	518.5	536.9	519.7					
G67.0	497.7	495.3	496.0	515.3	497.7					
G68.0	477.2	473.3	474.9	492.6	477.2					
G69.0	454.7	451.8	452.0	471.0	454.7					
G70.0	433.2	429.8	430.4	448.3	433.2					
G71.0	411.8	408.4	408.1	426.7	411.8					
G72.0	389.9	386.9	387.1	404.1	389.9					
G73.0	368.0	365.0	364.8	382.5	368.0					

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	347.3	343.3	343.0	360.1	347.3					
G75.0	325.0	322.1	321.8	338.3	325.0					
G76.0	304.3	300.8	300.5	316.4	304.3					
G77.0	282.1	279.5	277.8	294.5	282.1					
G78.0	261.4	257.7	257.1	272.6	261.4					
G79.0	239.7	235.9	235.5	250.7	239.7					
G80.0	218.5	214.1	213.8	228.8	218.5					
G81.0	196.4	192.3	191.7	206.9	196.4					
G82.0	175.5	170.7	170.6	184.8	175.5					
G83.0	152.7	148.6	148.7	163.2	152.7					
G84.0	131.8	126.8	126.7	140.5	131.8					
G85.0	110.2	104.7	105.8	118.6	110.2					
G86.0	87.9	82.2	84.5	95.8	87.9					
G87.0	66.1	58.5	62.2	73.3	66.1					
G88.0	43.5	34.1	40.0	49.3	43.5					
G89.0	20.7	9.9	18.2	25.9	20.7					
G90.0	4.7	0.8	1.9	6.2	4.7					
G91.0	0.8	0.7	0.4	0.7	0.8					
G92.0	0.7	0.7	0.5	0.5	0.7					
G93.0	0.8	0.8	0.6	0.6	0.8					
G94.0	0.8	0.9	0.8	0.7	0.8					
G95.0	0.9	1.0	0.9	0.8	0.9					
G96.0	1.0	1.1	1.0	0.9	1.0					
G97.0	1.1	1.2	1.1	1.0	1.1					
G98.0	1.2	1.3	1.2	1.1	1.2					
G99.0	1.4	1.5	1.3	1.3	1.4					
G100.0	1.5	1.6	1.5	1.4	1.5					
G101.0	1.6	1.7	1.6	1.5	1.6					
G102.0	1.7	1.8	1.7	1.7	1.7					
G103.0	1.9	1.9	1.9	1.8	1.9					
G104.0	1.9	2.1	2.0	1.9	1.9					
G105.0	2.1	2.2	2.1	2.0	2.1					
G106.0	2.2	2.4	2.2	2.2	2.2					
G107.0	2.4	2.5	2.4	2.3	2.4					
G108.0	2.5	2.6	2.6	2.5	2.5					
G109.0	2.7	2.8	2.7	2.6	2.7					
G110.0	2.8	2.8	2.8	2.7	2.8					

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	2.9	3.0	2.9	2.8	2.9					
G112.0	3.0	3.1	3.0	2.9	3.0					
G113.0	3.1	3.2	3.1	3.1	3.1					
G114.0	3.3	3.4	3.3	3.2	3.3					
G115.0	3.5	3.6	3.5	3.4	3.5					
G116.0	3.6	3.7	3.6	3.5	3.6					
G117.0	3.7	3.8	3.7	3.7	3.7					
G118.0	3.8	4.0	3.9	3.8	3.8					
G119.0	3.9	4.1	4.0	3.9	3.9					
G120.0	4.1	4.2	4.1	4.1	4.1					
G121.0	4.3	4.4	4.3	4.3	4.3					
G122.0	4.4	4.6	4.4	4.4	4.4					
G123.0	4.6	4.7	4.6	4.4	4.6					
G124.0	4.6	4.7	4.6	4.6	4.6					
G125.0	4.7	4.9	4.8	4.7	4.7					
G126.0	4.8	5.0	4.9	4.8	4.8					
G127.0	5.0	5.2	5.0	5.0	5.0					
G128.0	5.1	5.3	5.1	5.1	5.1					
G129.0	5.2	5.4	5.3	5.2	5.2					
G130.0	5.3	5.4	5.4	5.3	5.3					
G131.0	5.5	5.5	5.5	5.4	5.5					
G132.0	5.6	5.7	5.7	5.5	5.6					
G133.0	5.8	5.8	5.9	5.7	5.8					
G134.0	5.9	5.9	6.1	5.8	5.9					
G135.0	6.1	6.1	6.2	6.0	6.1					
G136.0	6.3	6.2	6.3	6.1	6.3					
G137.0	6.3	6.2	6.3	6.1	6.3					
G138.0	6.3	6.3	6.4	6.2	6.3					
G139.0	6.4	6.4	6.5	6.3	6.4					
G140.0	6.5	6.4	6.6	6.3	6.5					
G141.0	6.6	6.6	6.7	6.4	6.6					
G142.0	6.7	6.7	6.8	6.6	6.7					
G143.0	6.7	6.9	6.8	6.7	6.7					
G144.0	6.8	7.1	6.9	6.9	6.8					
G145.0	6.9	7.2	6.9	7.0	6.9					
G146.0	6.9	7.3	7.0	7.2	6.9					
G147.0	7.0	7.3	7.1	7.3	7.0					

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	7.1	7.4	7.2	7.3	7.1					
G149.0	7.1	7.4	7.3	7.3	7.1					
G150.0	7.2	7.4	7.3	7.3	7.2					
G151.0	7.3	7.5	7.3	7.4	7.3					
G152.0	7.3	7.6	7.5	7.5	7.3					
G153.0	7.4	7.7	7.5	7.5	7.4					
G154.0	7.5	7.6	7.6	7.6	7.5					
G155.0	7.6	7.7	7.7	7.7	7.6					
G156.0	7.7	7.8	7.8	7.7	7.7					
G157.0	7.7	7.8	7.8	7.7	7.7					
G158.0	7.8	7.9	7.9	7.8	7.8					
G159.0	7.9	7.9	8.0	7.8	7.9					
G160.0	8.1	8.0	8.1	7.9	8.1					
G161.0	8.1	8.0	8.2	7.9	8.1					
G162.0	8.1	8.1	8.3	8.0	8.1					
G163.0	8.3	8.1	8.4	8.1	8.3					
G164.0	8.4	8.2	8.4	8.1	8.4					
G165.0	8.4	8.3	8.4	8.2	8.4					
G166.0	8.3	8.3	8.4	8.3	8.3					
G167.0	8.3	8.3	8.4	8.3	8.3					
G168.0	8.3	8.4	8.5	8.4	8.3					
G169.0	8.4	8.4	8.6	8.4	8.4					
G170.0	8.4	8.5	8.6	8.5	8.4					
G171.0	8.5	8.5	8.6	8.5	8.5					
G172.0	8.6	8.6	8.7	8.6	8.6					
G173.0	8.6	8.7	8.8	8.6	8.6					
G174.0	8.7	8.7	8.8	8.7	8.7					
G175.0	8.7	8.7	8.9	8.7	8.7					
G176.0	8.8	8.7	8.9	8.7	8.8					
G177.0	8.8	8.8	8.9	8.8	8.8					
G178.0	8.7	8.8	9.0	8.8	8.7					
G179.0	8.9	8.8	9.0	8.8	8.9					
G180.0	8.9	8.9	9.0	8.9	8.9					

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: LSG-1600B  
 Distance: 8.140 m  
 Humidity:  
 Inspector: