

Report No.: 1

Test Time: 2018/7/23 09:17

Luminaire Property

Luminaire Manufacturer: ASD lighting corp.
Voltage: 120.7 V
Power: 57.55 W

Current: 0.482 A
Power Factor: 0.988

Photometric Results

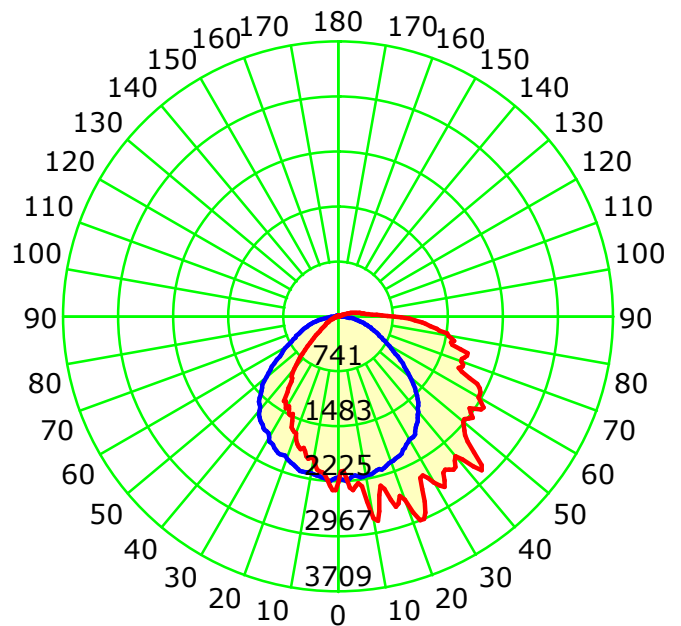
IES Classification: Type IV
Total Rated Lamp Lumens: 7458.0 lm
Efficiency: 100%
Upward Ratio: 4%
Central Intensity: 2172.43 cd
Pos of Max. Intensity: H90 V23

Longitudinal Classification: Very Short
Measurement Flux: 7458 lm
Downward Ratio: 96%
Luminaire Efficacy Rating (LER): 129.64
Max. Intensity: 2967.48 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

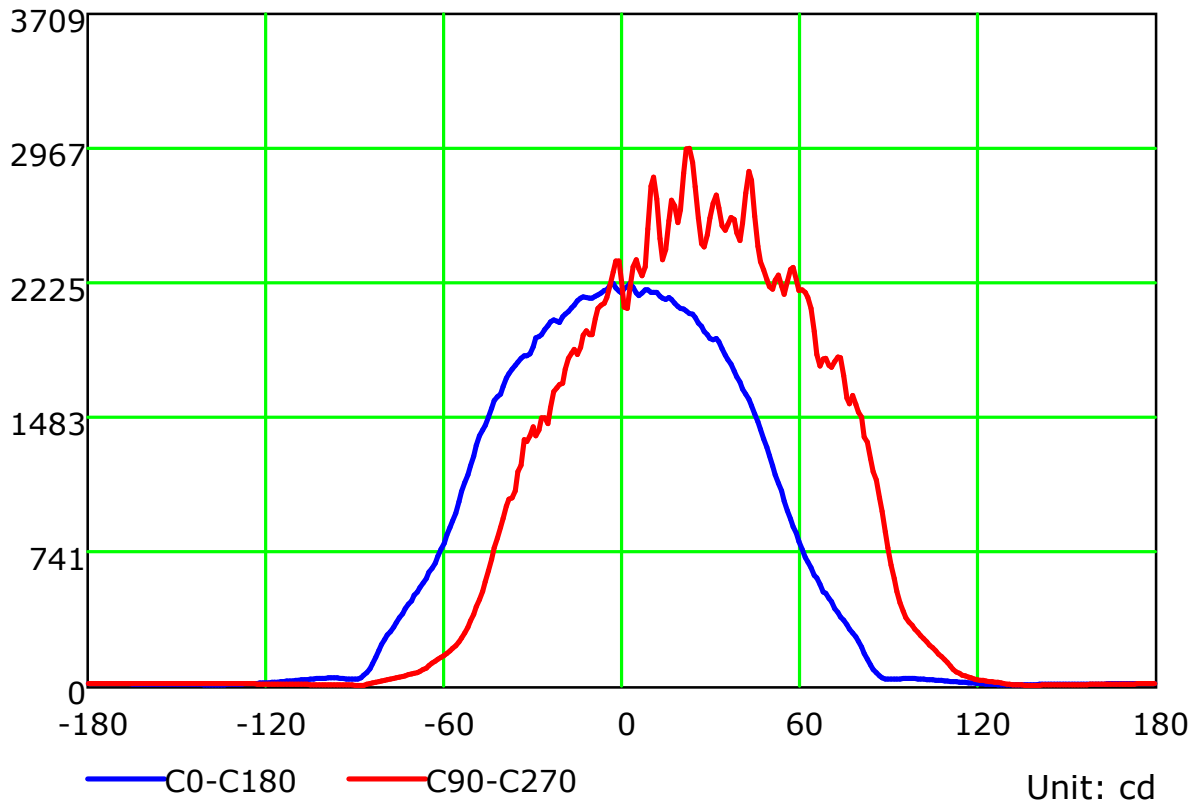
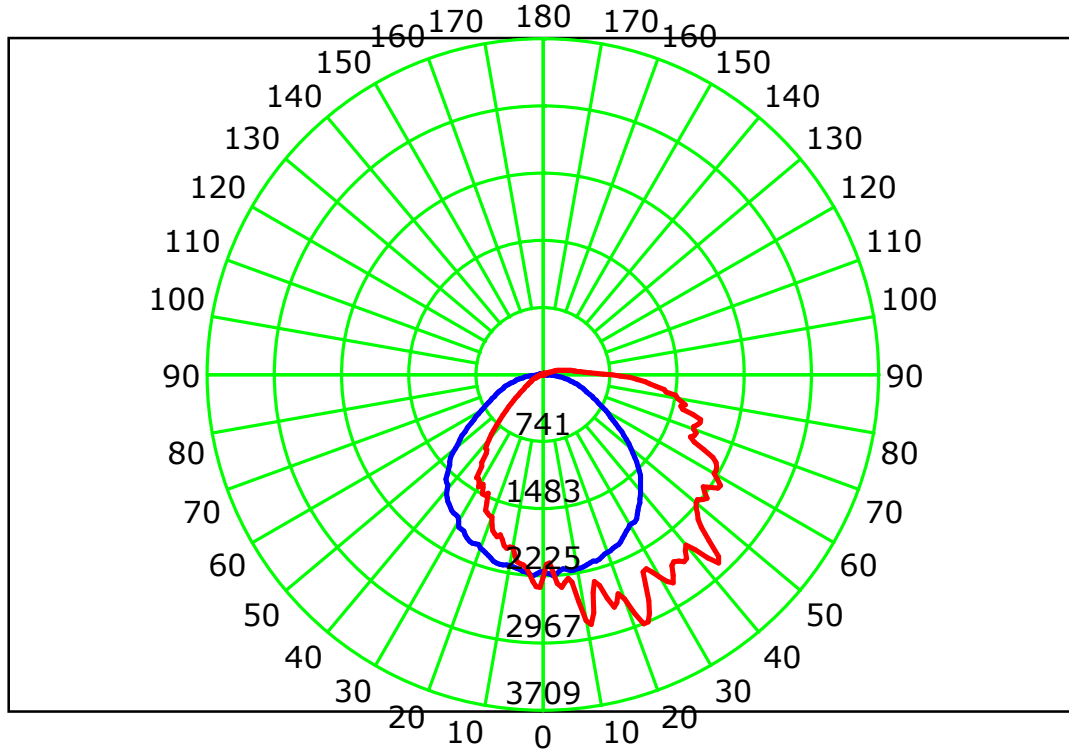
Average Diffuse Angle(50%): 106.1°

— 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: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

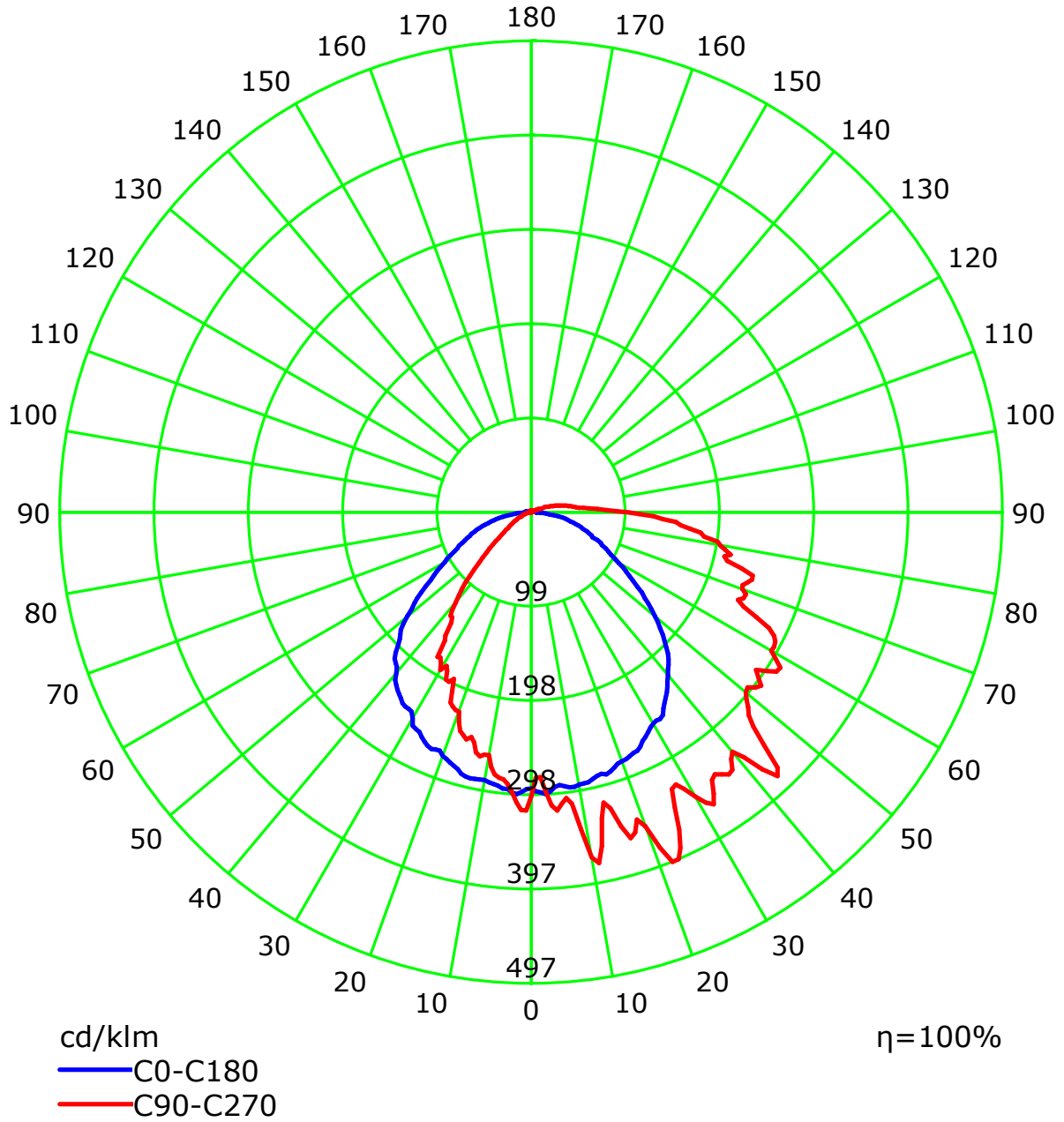
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



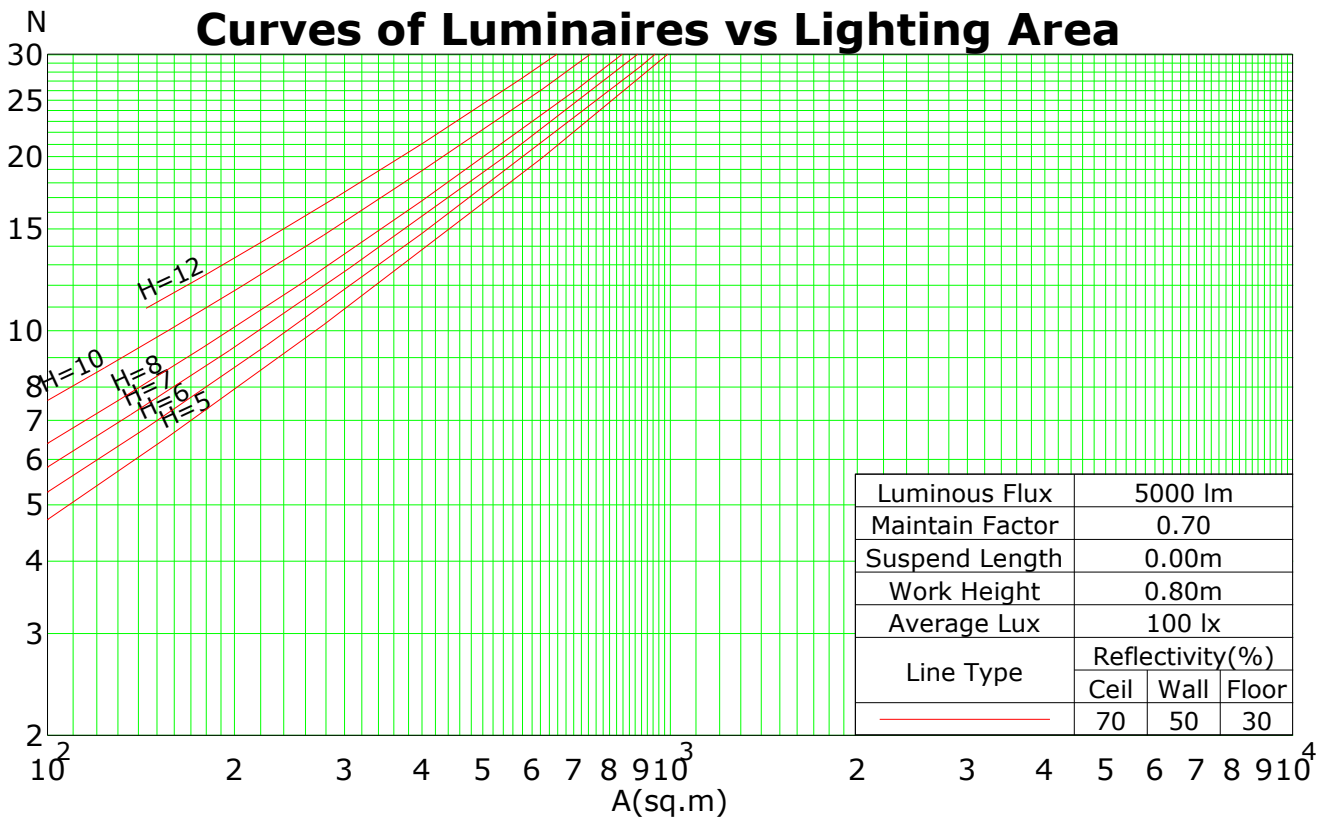
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 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	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	106	101	96	91	103	98	93	89	93	89	86	88	85	82	84	81	79	77
2	96	87	80	73	93	85	78	72	80	75	70	76	72	67	73	69	65	63
3	87	76	67	60	84	74	66	60	70	64	58	67	61	56	64	59	55	52
4	80	67	58	51	77	66	57	50	62	55	49	60	53	48	57	51	47	44
5	73	60	51	44	71	59	50	43	56	48	42	53	47	41	51	45	41	38
6	68	54	45	38	65	53	44	38	50	43	37	48	42	36	46	40	36	33
7	63	49	40	33	61	48	39	33	46	38	33	44	37	32	42	36	32	30
8	58	44	36	30	56	44	35	30	42	34	29	40	34	29	39	33	28	26
9	54	41	32	27	53	40	32	27	39	31	26	37	31	26	36	30	25	24
10	51	38	30	24	50	37	29	24	36	29	24	34	28	23	33	27	23	21

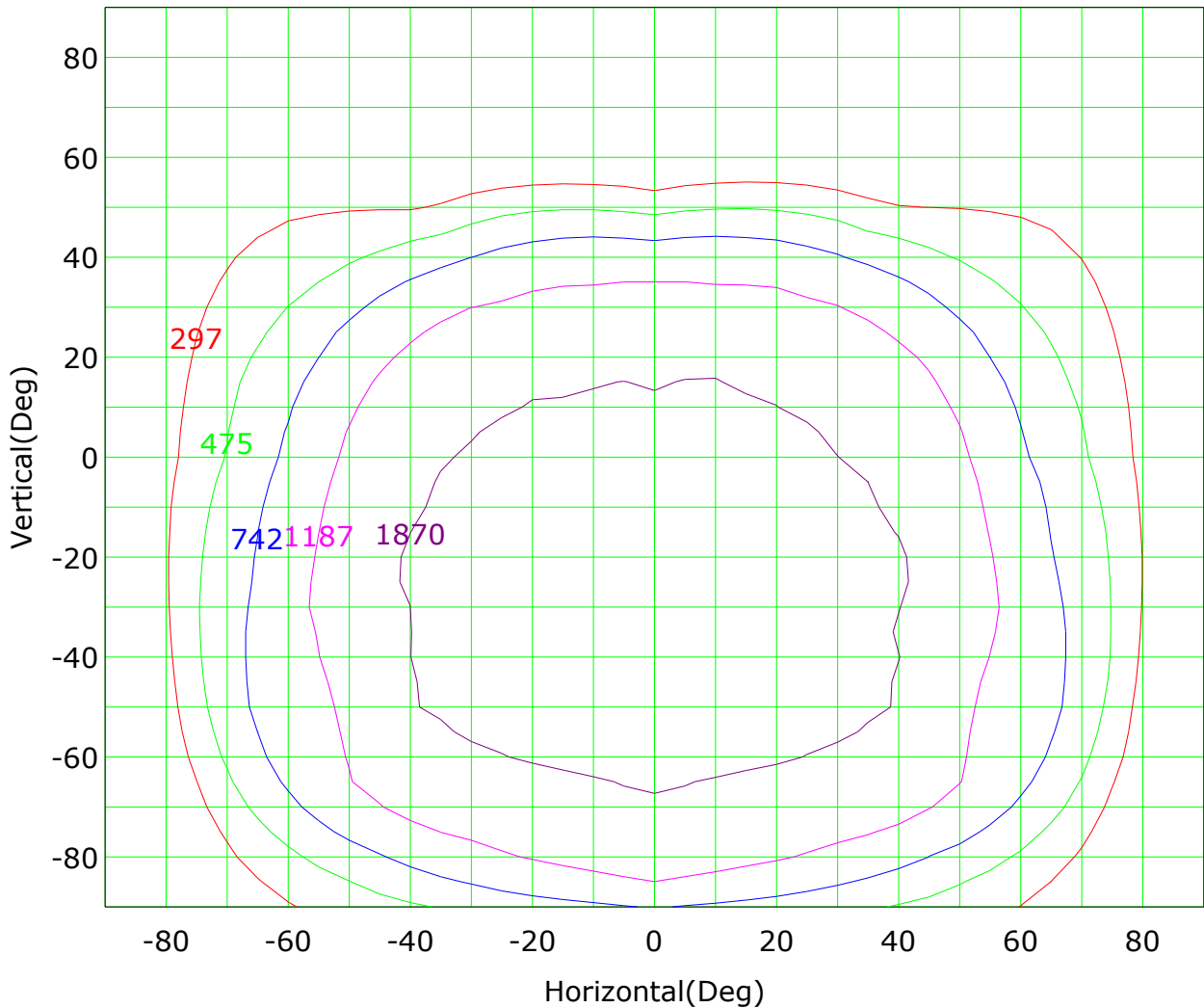
Spacing Criteria (0-180): 1.31
 Spacing Criteria (90-270): 1.33
 Spacing Criteria (Diagonal): 1.46



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Isocandela (rectangle)



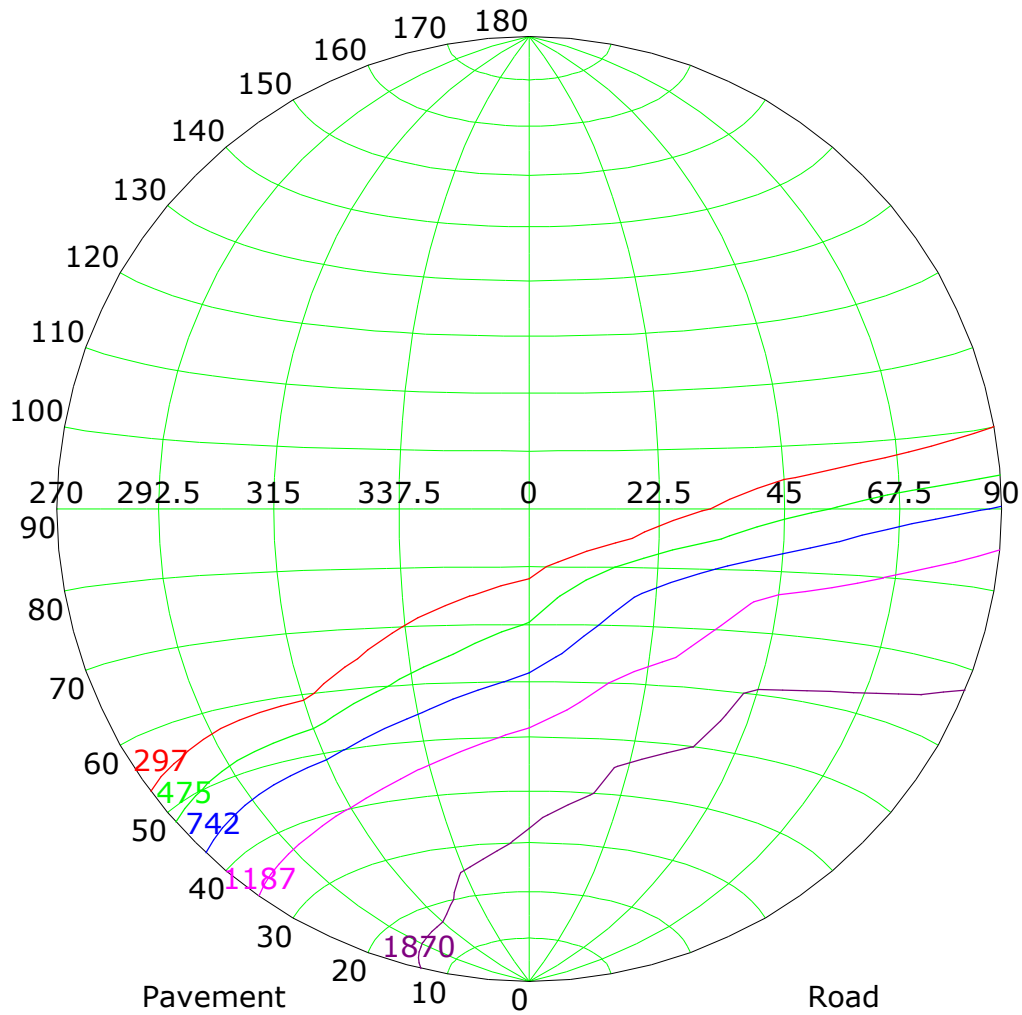
Imax (100%): 2967 cd

— (10%): 297 cd	— (16%): 475 cd
— (25%): 742 cd	— (40%): 1187 cd
— (63%): 1870 cd	— (100%): 2967 cd

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Isocandela (sphere)



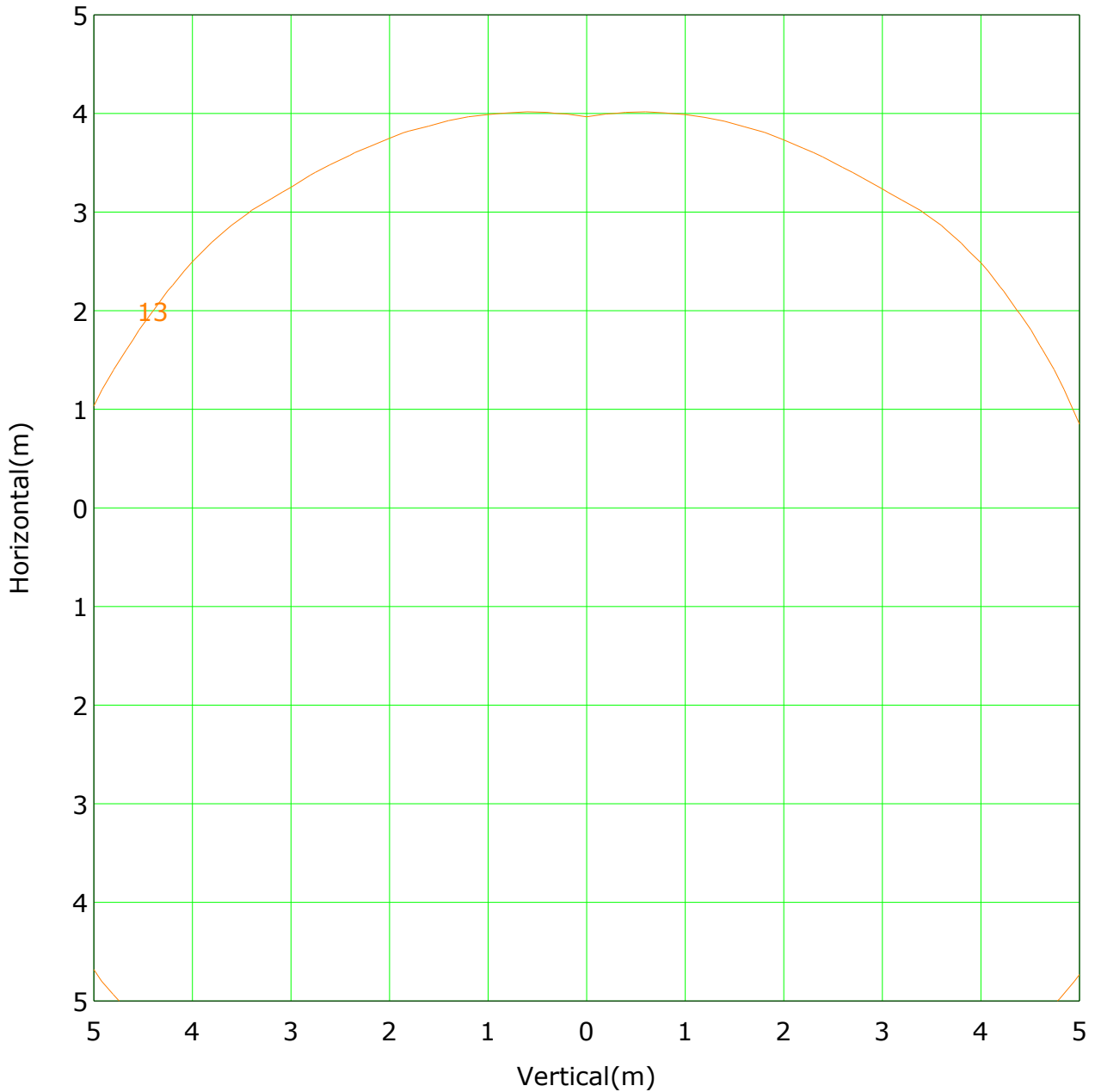
Imax (100%): 2967 cd

- | | |
|-------------------|-------------------|
| — (10%): 297 cd | — (16%): 475 cd |
| — (25%): 742 cd | — (40%): 1187 cd |
| — (63%): 1870 cd | — (100%): 2967 cd |

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

IsoLux Plot



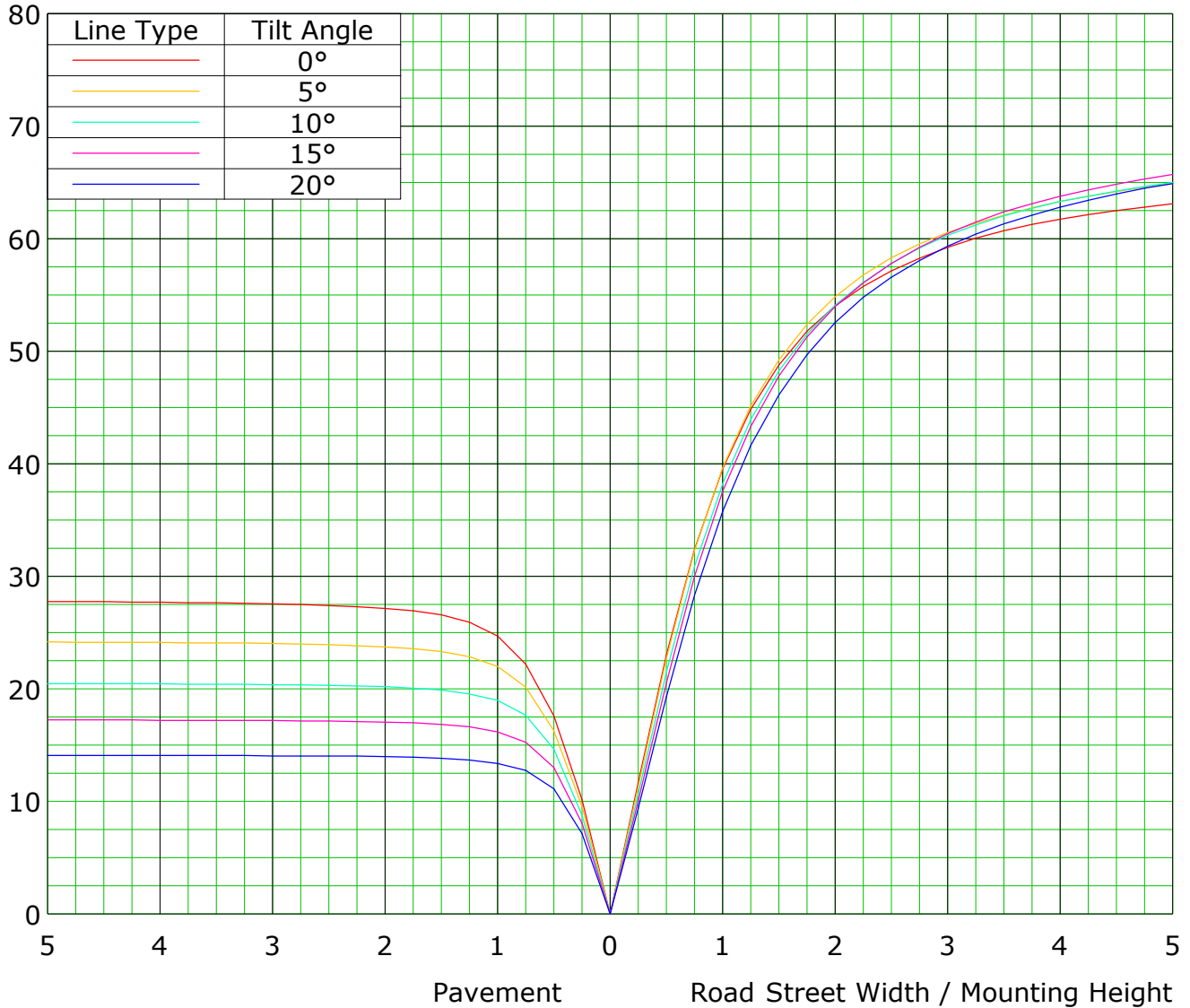
Mounting Height: 10.0m		Max Lux(100%): 26.6 lx
— (1%): 0.3 lx	— (2%): 0.5 lx	
— (5%): 1.3 lx	— (10%): 2.7 lx	
— (20%): 5.3 lx	— (50%): 13.3 lx	
— (100%): 26.6 lx		

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: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



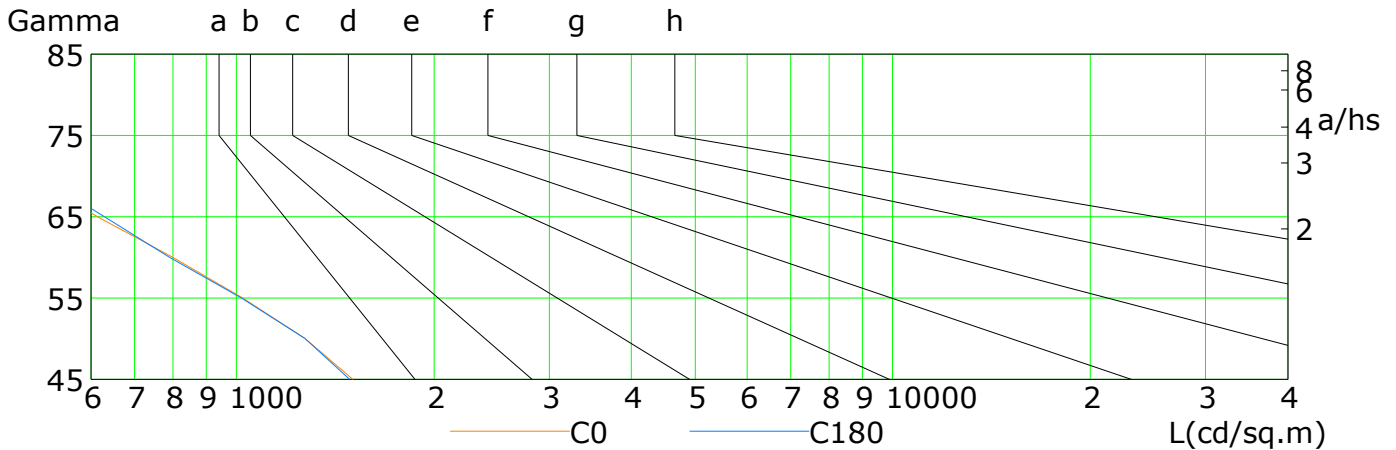
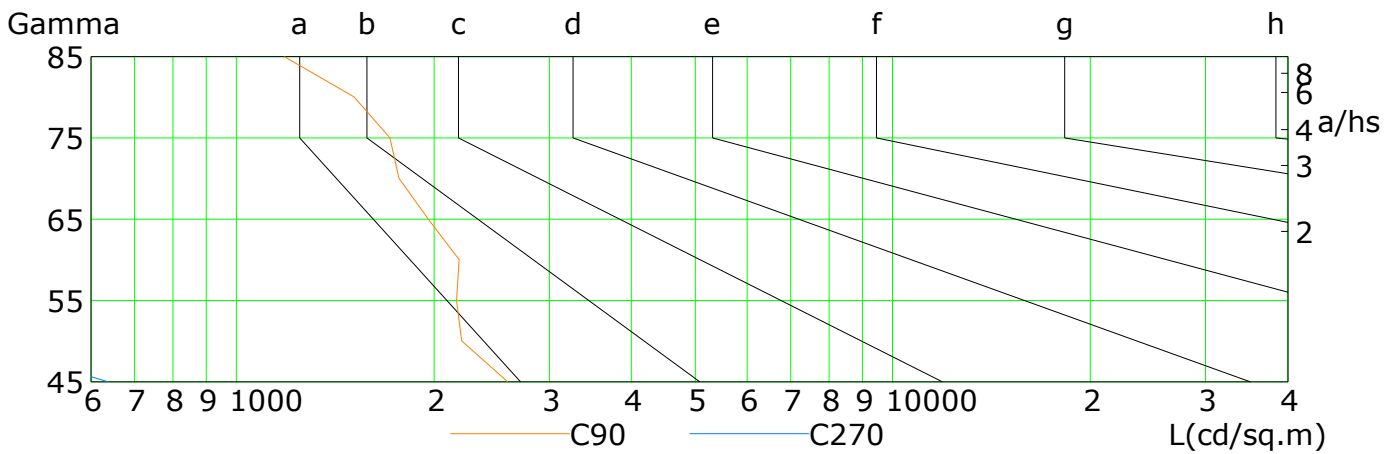
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Lum Limit Curve

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

a b c d e f g h

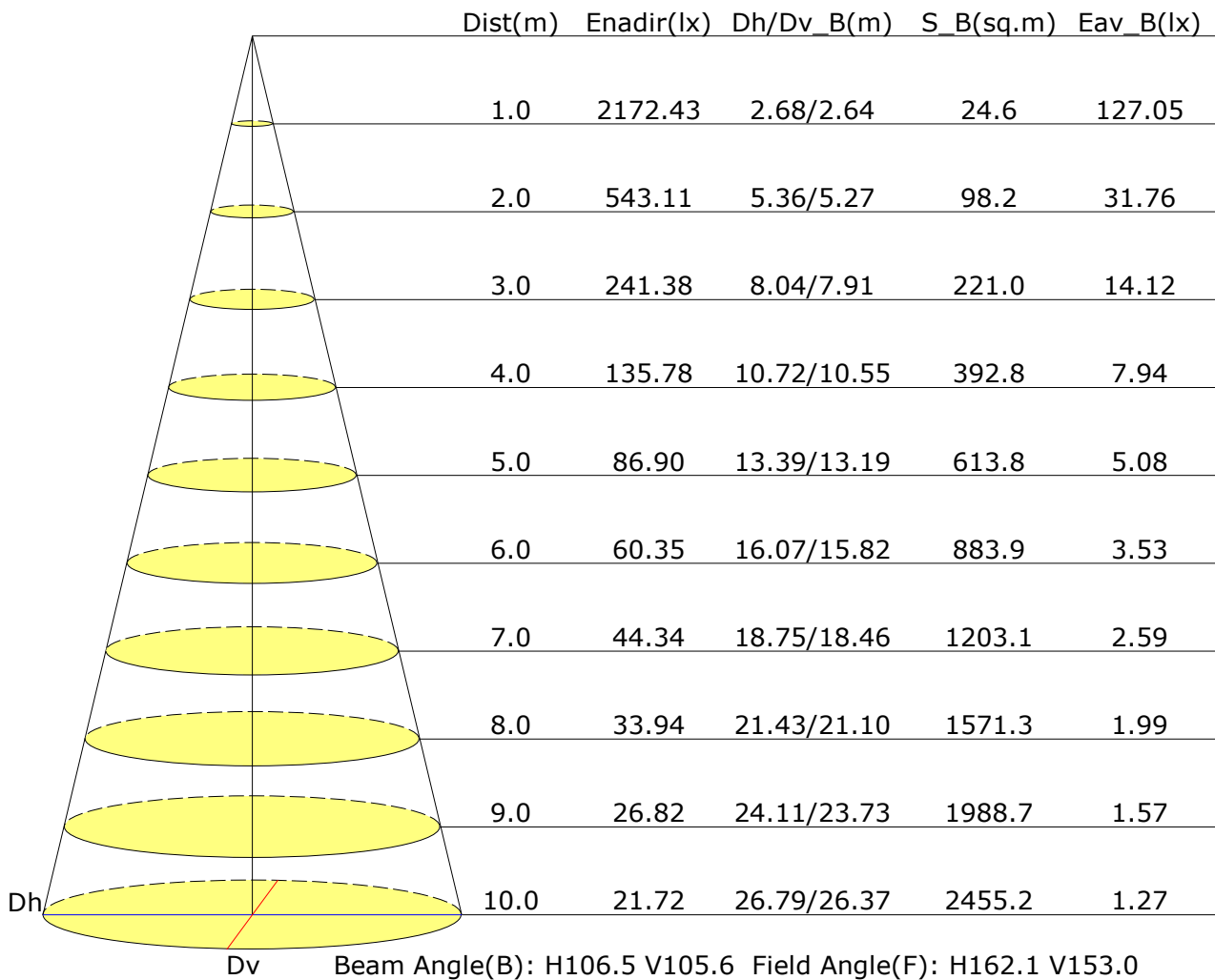


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1505	1272	1023	800	614	484	364	251	93
C90	2594	2206	2163	2184	1960	1771	1714	1512	1184
C180	1487	1271	1019	790	629	504	378	259	99
C270	638	399	244	172	114	73	51	33	14

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

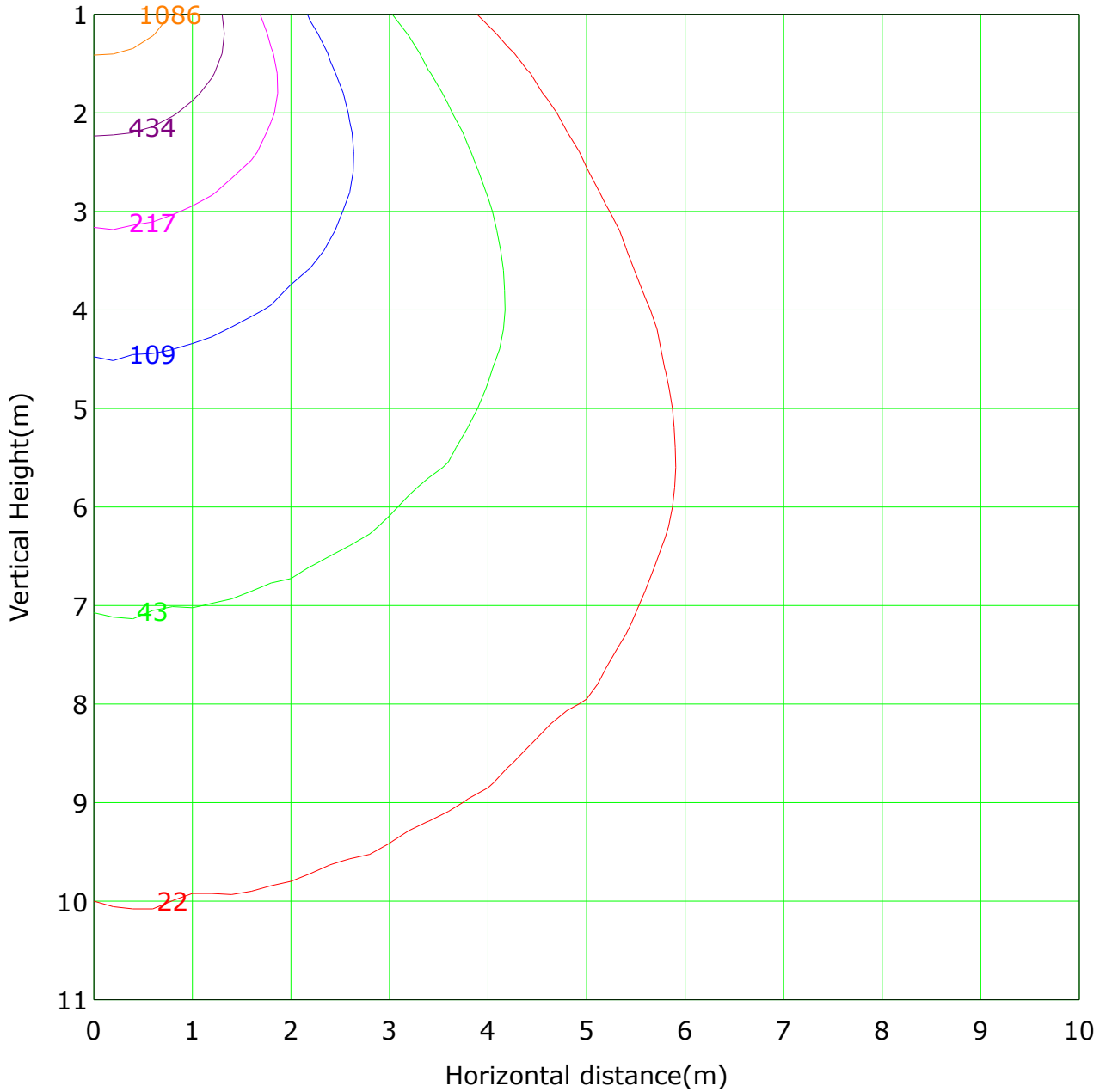
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2172.4 lx

— (1%): 21.7 lx	— (2%): 43.4 lx
— (5%): 108.6 lx	— (10%): 217.2 lx
— (20%): 434.5 lx	— (50%): 1086.2 lx
— (100%): 2172.4 lx	

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

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

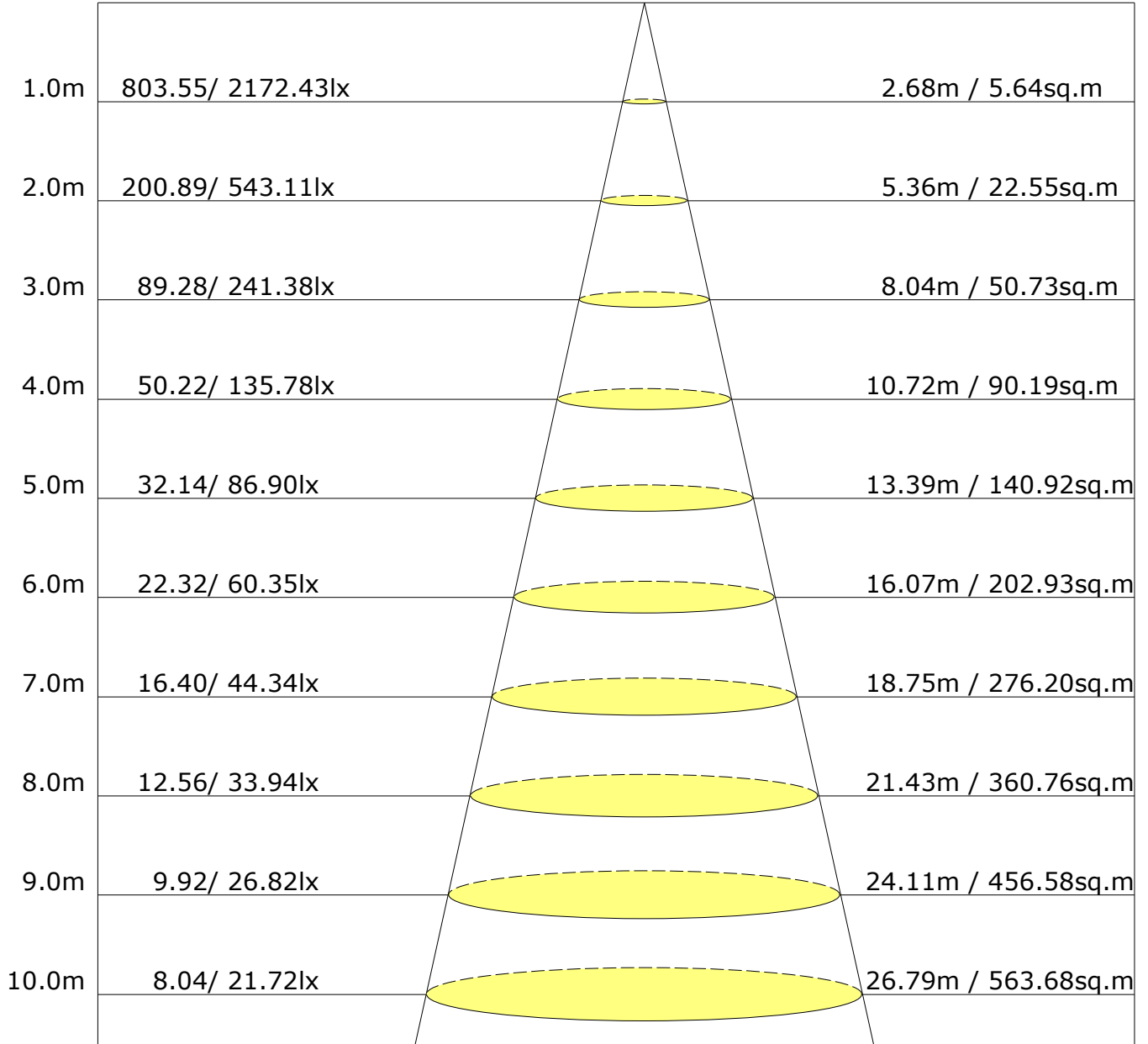
		Vertical plane																					
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)	
Horizontal plane	-90	0.1	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	5.7	42.5	30.3
	-80	0.1	0.5	1.1	1.5	1.4	1.5	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.3	114.1	104.3
	-70	0.1	0.9	2.0	2.7	2.6	2.9	3.6	3.9	3.8	3.7	3.8	3.4	2.8	2.5	2.6	2.5	2.6	2.6	2.6	0.3	114.1	104.3
	-60	0.2	1.3	2.9	4.1	4.8	5.9	7.9	9.0	8.6	8.5	8.7	7.5	5.5	4.6	4.0	4.0	2.8	2.6	1.9	0.3	1227.0	3217.6
	-50	0.2	1.7	3.9	6.1	8.7	12.3	17.1	20.3	20.7	20.6	19.9	16.6	11.7	8.3	5.9	3.7	3.7	1.7	1.3	0.3	380.4	6371.0
	-40	0.3	2.1	4.9	8.6	14.5	22.1	29.5	34.2	36.2	36.1	33.9	28.8	21.5	14.2	8.5	4.6	4.0	2.8	2.5	0.3	4536.1	10526.3
	-30	0.3	2.5	6.0	11.6	21.0	31.4	38.3	44.7	47.0	46.9	44.2	37.9	31.0	20.7	11.6	5.9	3.7	1.7	1.3	0.3	671.6	3662.0
	-20	0.4	2.8	7.0	14.7	26.6	37.8	46.4	53.2	56.7	56.4	52.8	46.5	37.9	26.4	14.6	6.9	2.7	2.0	1.5	0.3	772.0	762.2
	-10	0.4	3.0	7.9	17.1	30.6	42.5	52.4	59.6	64.8	64.6	59.9	53.2	43.3	30.7	17.1	7.8	2.9	2.0	1.5	0.3	828.3	828.3
	0	0.4	3.3	8.8	19.1	33.7	46.7	58.1	67.0	69.7	69.5	67.5	59.0	47.6	33.8	19.2	8.8	3.2	2.0	1.5	0.3	877.2	877.2
	10	0.5	3.6	9.8	20.9	36.0	49.5	64.6	72.5	78.0	78.0	72.7	65.3	49.8	36.0	21.0	9.7	3.5	2.0	1.5	0.3	882.8	882.8
	20	0.5	3.8	10.3	21.8	36.4	51.7	65.3	76.2	80.3	80.3	76.4	65.4	51.7	36.4	21.8	10.2	3.7	2.0	1.5	0.3	877.0	877.0
	30	0.4	3.9	10.6	21.7	36.1	51.9	64.3	71.2	77.1	77.1	71.1	64.2	51.8	36.2	21.6	10.4	3.7	2.0	1.5	0.3	877.0	877.0
	40	0.4	3.7	10.6	20.1	35.3	49.3	59.2	68.6	74.8	74.7	68.5	59.2	49.5	35.1	20.0	10.4	3.5	2.0	1.5	0.3	877.0	877.0
	50	0.4	3.2	10.0	19.3	30.5	44.8	55.5	62.6	66.8	66.8	62.6	55.4	44.5	30.3	19.0	9.7	3.1	2.0	1.5	0.3	877.0	877.0
	60	0.3	2.6	8.2	17.4	28.3	37.2	45.2	52.8	58.3	58.2	52.6	45.0	37.0	27.9	16.9	7.9	2.5	2.0	1.5	0.3	877.0	877.0
	70	0.3	1.9	5.8	12.3	21.1	30.2	38.3	44.8	49.5	49.4	44.5	37.8	29.6	20.4	11.9	5.6	1.9	1.5	1.0	0.3	877.0	877.0
	80	0.3	1.5	3.9	7.5	12.2	17.7	23.5	29.1	33.9	33.8	28.9	23.2	17.3	11.8	7.3	3.8	1.5	1.0	0.5	0.3	877.0	877.0
90	0.0	5.7	42.5	114.1	227.0	380.4	536.1	671.6	772.0	828.3	877.0	900.0	853.4	737.4	624.8	511.7	41.0	5.5	1.0	0.0	7141	6967	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 4529.47lm



Height

Avg./Nadir. E

Beam Angle: 106.5°

Diameter / Area

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

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 10.160 m
Humidity:
Inspector:

UGR Table

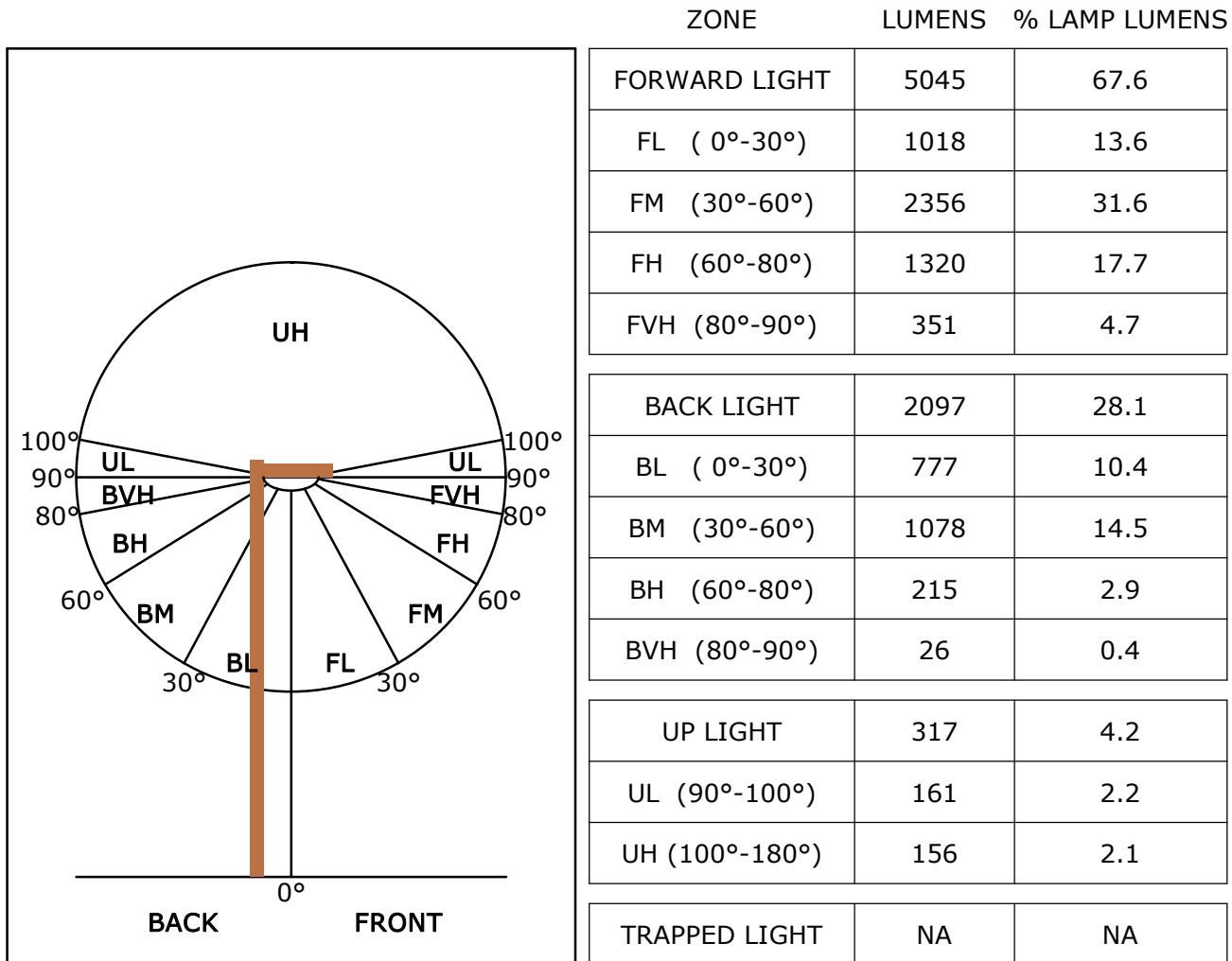
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with 7458lm ($8\log(F/F_0) = 7.0$).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

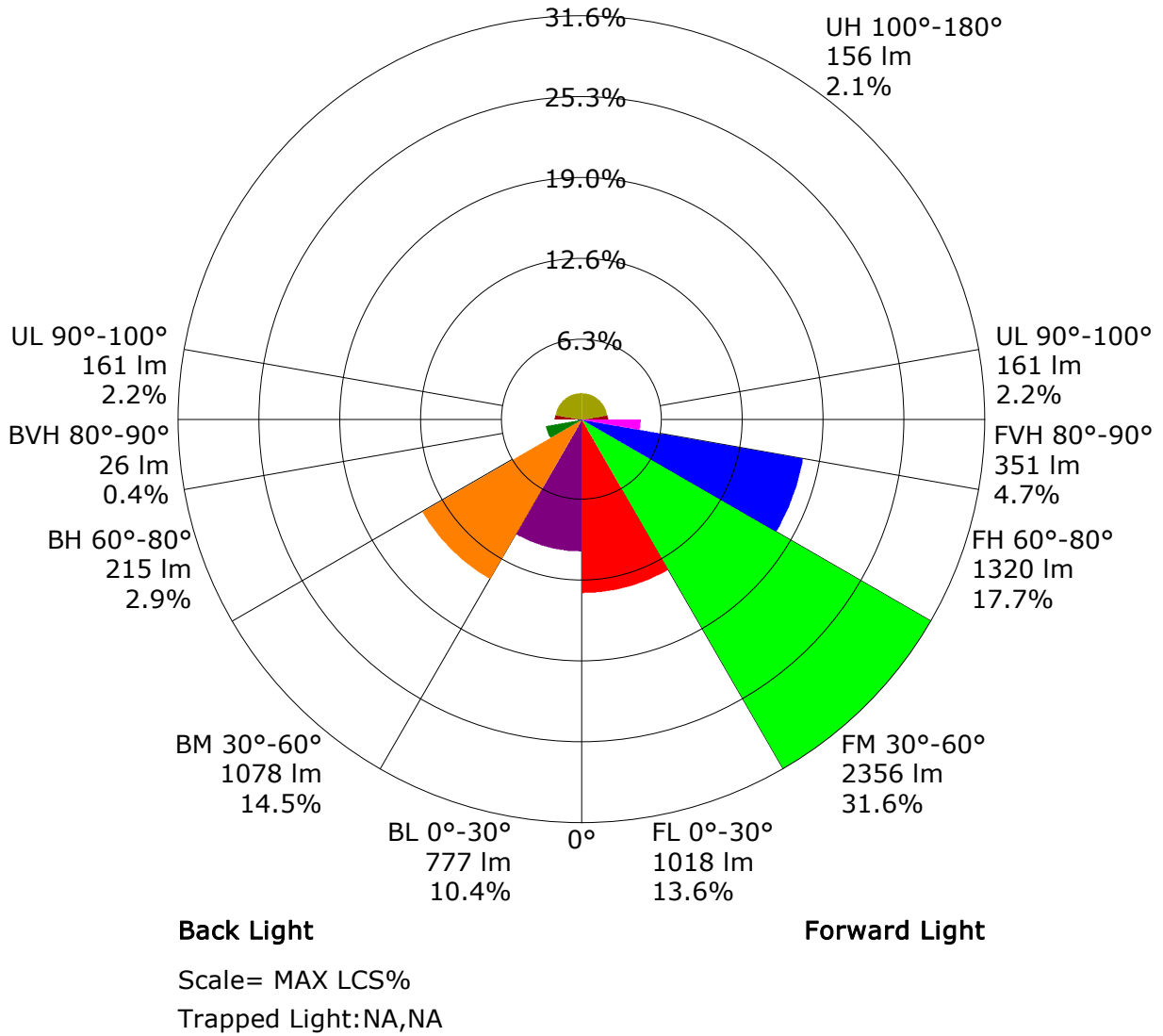


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U5 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U5 G2

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.160 m
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: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.89	0.92	0.97	1.00	
	0.30		0.49	0.57	0.64	0.69	0.77	0.83	0.87	0.92	0.96	
	0.20		0.43	0.51	0.58	0.64	0.72	0.78	0.82	0.88	0.92	
0.50	0.50	0.20	0.55	0.62	0.69	0.73	0.80	0.84	0.88	0.92	0.95	
	0.30		0.48	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.92	
	0.20		0.43	0.50	0.57	0.62	0.70	0.75	0.79	0.85	0.89	
0.30	0.50	0.20	0.53	0.60	0.66	0.70	0.76	0.81	0.84	0.88	0.90	
	0.30		0.47	0.54	0.60	0.65	0.72	0.76	0.80	0.84	0.88	
	0.20		0.42	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85	
0.00	0.00	0.00	0.40	0.46	0.53	0.57	0.64	0.68	0.72	0.76	0.80	
Rating:58W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.98	0.84	0.72	0.63	0.52	0.44	0.38	0.30	0.25	
	0.30		0.81	0.72	0.63	0.56	0.47	0.40	0.35	0.28	0.24	
	0.20		0.70	0.63	0.56	0.50	0.43	0.37	0.33	0.27	0.22	
0.50	0.50	0.20	0.93	0.80	0.68	0.60	0.49	0.44	0.36	0.28	0.23	
	0.30		0.79	0.69	0.60	0.54	0.45	0.38	0.34	0.27	0.22	
	0.20		0.69	0.61	0.54	0.49	0.41	0.36	0.32	0.26	0.22	
0.30	0.50	0.20	0.90	0.76	0.65	0.58	0.47	0.39	0.34	0.27	0.22	
	0.30		0.77	0.67	0.58	0.52	0.43	0.37	0.32	0.26	0.22	
	0.20		0.67	0.60	0.53	0.48	0.40	0.35	0.30	0.25	0.21	
0.00	0.00	0.00	0.56	0.50	0.43	0.39	0.32	0.28	0.24	0.20	0.16	
<p>Rating:58W 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 = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.20	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.26
	0.30		0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	0.20		0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.19	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.09	0.10	0.11	0.13	0.14	0.16	0.17	0.19	0.20
0.30	0.50	0.20	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.24	0.24
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21
	0.20		0.09	0.10	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
<p>Rating:58W 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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2209.0	2.1	2.1	0.03	0.03
1.0-2.0	2210.1	6.3	8.5	0.09	0.11
2.0-3.0	2221.9	10.6	19.1	0.14	0.26
3.0-4.0	2235.0	15.0	34.0	0.20	0.46
4.0-5.0	2234.7	19.2	53.3	0.26	0.71
5.0-6.0	2225.3	23.4	76.7	0.31	1.03
6.0-7.0	2212.1	27.5	104.1	0.37	1.40
7.0-8.0	2199.8	31.5	135.6	0.42	1.82
8.0-9.0	2199.9	35.7	171.3	0.48	2.30
9.0-10.0	2210.3	40.0	211.3	0.54	2.83
10.0-11.0	2223.6	44.4	255.7	0.60	3.43
11.0-12.0	2235.6	48.9	304.6	0.66	4.08
12.0-13.0	2234.7	53.0	357.6	0.71	4.80
13.0-14.0	2225.6	57.0	414.6	0.76	5.56
14.0-15.0	2224.9	61.1	475.7	0.82	6.38
15.0-16.0	2233.2	65.4	541.1	0.88	7.26
16.0-17.0	2227.8	69.4	610.5	0.93	8.19
17.0-18.0	2192.2	72.3	682.8	0.97	9.16
18.0-19.0	2138.4	74.4	757.2	1.00	10.15
19.0-20.0	2099.0	76.8	834.1	1.03	11.18
20.0-21.0	2101.2	80.7	914.7	1.08	12.27
21.0-22.0	2133.5	85.7	1000.5	1.15	13.42
22.0-23.0	2159.5	90.6	1091.1	1.22	14.63
23.0-24.0	2156.1	94.3	1185.4	1.26	15.89
24.0-25.0	2120.4	96.4	1281.8	1.29	17.19
25.0-26.0	2066.1	97.5	1379.4	1.31	18.50
26.0-27.0	2021.1	98.9	1478.3	1.33	19.82
27.0-28.0	2005.7	101.6	1579.8	1.36	21.18
28.0-29.0	2016.6	105.5	1685.3	1.41	22.60
29.0-30.0	2031.8	109.7	1795.1	1.47	24.07
30.0-31.0	2030.7	113.0	1908.1	1.52	25.58
31.0-32.0	2009.5	115.1	2023.2	1.54	27.13
32.0-33.0	1971.2	116.1	2139.4	1.56	28.69
33.0-34.0	1914.0	115.8	2255.2	1.55	30.24
34.0-35.0	1858.4	115.4	2370.6	1.55	31.79
35.0-36.0	1817.0	115.7	2486.3	1.55	33.34

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1788.7	116.7	2603.0	1.56	34.90
37.0-38.0	1772.2	118.3	2721.3	1.59	36.49
38.0-39.0	1750.7	119.5	2840.8	1.60	38.09
39.0-40.0	1718.6	119.9	2960.7	1.61	39.70
40.0-41.0	1692.0	120.5	3081.2	1.62	41.31
41.0-42.0	1687.5	122.6	3203.8	1.64	42.96
42.0-43.0	1693.1	125.4	3329.3	1.68	44.64
43.0-44.0	1679.1	126.7	3456.0	1.70	46.34
44.0-45.0	1635.1	125.7	3581.7	1.69	48.03
45.0-46.0	1577.4	123.4	3705.1	1.65	49.68
46.0-47.0	1519.3	120.9	3825.9	1.62	51.30
47.0-48.0	1459.8	118.0	3944.0	1.58	52.88
48.0-49.0	1398.9	114.9	4058.8	1.54	54.42
49.0-50.0	1345.8	112.2	4171.1	1.50	55.93
50.0-51.0	1308.0	110.7	4281.7	1.48	57.41
51.0-52.0	1282.4	110.1	4391.8	1.48	58.89
52.0-53.0	1261.5	109.8	4501.6	1.47	60.36
53.0-54.0	1231.2	108.5	4610.1	1.46	61.81
54.0-55.0	1190.0	106.2	4716.3	1.42	63.24
55.0-56.0	1156.1	104.5	4820.8	1.40	64.64
56.0-57.0	1132.8	103.6	4924.4	1.39	66.03
57.0-58.0	1111.5	102.8	5027.2	1.38	67.41
58.0-59.0	1088.4	101.8	5129.0	1.36	68.77
59.0-60.0	1061.0	100.2	5229.2	1.34	70.12
60.0-61.0	1028.9	98.2	5327.4	1.32	71.43
61.0-62.0	989.0	95.3	5422.7	1.28	72.71
62.0-63.0	946.8	92.1	5514.8	1.23	73.95
63.0-64.0	910.8	89.4	5604.2	1.20	75.14
64.0-65.0	871.2	86.2	5690.4	1.16	76.30
65.0-66.0	825.2	82.3	5772.8	1.10	77.40
66.0-67.0	788.7	79.3	5852.1	1.06	78.47
67.0-68.0	771.0	78.1	5930.2	1.05	79.52
68.0-69.0	762.3	77.8	6008.0	1.04	80.56
69.0-70.0	748.9	76.9	6084.9	1.03	81.59
70.0-71.0	731.8	75.6	6160.6	1.01	82.60
71.0-72.0	718.7	74.7	6235.3	1.00	83.61

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	711.3	74.4	6309.7	1.00	84.60
73.0-74.0	702.0	73.8	6383.5	0.99	85.59
74.0-75.0	676.6	71.5	6455.0	0.96	86.55
75.0-76.0	636.5	67.6	6522.6	0.91	87.46
76.0-77.0	601.2	64.1	6586.7	0.86	88.32
77.0-78.0	578.1	61.9	6648.6	0.83	89.15
78.0-79.0	552.9	59.4	6708.0	0.80	89.94
79.0-80.0	521.2	56.2	6764.2	0.75	90.70
80.0-81.0	490.3	53.0	6817.2	0.71	91.41
81.0-82.0	454.8	49.3	6866.6	0.66	92.07
82.0-83.0	418.3	45.5	6912.0	0.61	92.68
83.0-84.0	384.2	41.9	6953.9	0.56	93.24
84.0-85.0	350.6	38.3	6992.2	0.51	93.75
85.0-86.0	323.5	35.4	7027.5	0.47	94.23
86.0-87.0	296.8	32.5	7060.0	0.44	94.66
87.0-88.0	270.7	29.7	7089.7	0.40	95.06
88.0-89.0	247.0	27.1	7116.7	0.36	95.42
89.0-90.0	224.3	24.6	7141.3	0.33	95.75
90.0-91.0	204.7	22.5	7163.8	0.30	96.06
91.0-92.0	187.2	20.5	7184.3	0.28	96.33
92.0-93.0	172.2	18.9	7203.2	0.25	96.58
93.0-94.0	158.3	17.3	7220.5	0.23	96.82
94.0-95.0	146.1	16.0	7236.5	0.21	97.03
95.0-96.0	136.0	14.8	7251.3	0.20	97.23
96.0-97.0	127.6	13.9	7265.2	0.19	97.42
97.0-98.0	120.5	13.1	7278.3	0.18	97.59
98.0-99.0	113.8	12.3	7290.7	0.17	97.76
99.0-100.0	107.4	11.6	7302.3	0.16	97.91
100.0-101.0	101.3	10.9	7313.2	0.15	98.06
101.0-102.0	95.4	10.2	7323.4	0.14	98.20
102.0-103.0	89.1	9.5	7333.0	0.13	98.32
103.0-104.0	82.6	8.8	7341.8	0.12	98.44
104.0-105.0	76.5	8.1	7349.9	0.11	98.55
105.0-106.0	70.9	7.5	7357.4	0.10	98.65
106.0-107.0	65.3	6.9	7364.3	0.09	98.74
107.0-108.0	60.2	6.3	7370.6	0.08	98.83

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	55.7	5.8	7376.4	0.08	98.91
109.0-110.0	51.6	5.3	7381.7	0.07	98.98
110.0-111.0	47.5	4.9	7386.6	0.07	99.04
111.0-112.0	43.4	4.4	7391.0	0.06	99.10
112.0-113.0	40.0	4.0	7395.1	0.05	99.16
113.0-114.0	37.3	3.8	7398.8	0.05	99.21
114.0-115.0	35.2	3.5	7402.3	0.05	99.25
115.0-116.0	33.1	3.3	7405.6	0.04	99.30
116.0-117.0	31.0	3.0	7408.6	0.04	99.34
117.0-118.0	28.7	2.8	7411.4	0.04	99.38
118.0-119.0	26.3	2.5	7414.0	0.03	99.41
119.0-120.0	23.9	2.3	7416.2	0.03	99.44
120.0-121.0	21.8	2.1	7418.3	0.03	99.47
121.0-122.0	20.0	1.9	7420.2	0.03	99.49
122.0-123.0	18.4	1.7	7421.9	0.02	99.52
123.0-124.0	17.0	1.6	7423.4	0.02	99.54
124.0-125.0	15.8	1.4	7424.9	0.02	99.56
125.0-126.0	14.7	1.3	7426.2	0.02	99.57
126.0-127.0	13.9	1.2	7427.4	0.02	99.59
127.0-128.0	13.2	1.2	7428.6	0.02	99.61
128.0-129.0	12.7	1.1	7429.6	0.01	99.62
129.0-130.0	12.2	1.0	7430.7	0.01	99.63
130.0-131.0	11.7	1.0	7431.6	0.01	99.65
131.0-132.0	11.5	0.9	7432.6	0.01	99.66
132.0-133.0	11.3	0.9	7433.5	0.01	99.67
133.0-134.0	11.0	0.9	7434.4	0.01	99.68
134.0-135.0	10.9	0.9	7435.2	0.01	99.70
135.0-136.0	10.7	0.8	7436.1	0.01	99.71
136.0-137.0	10.7	0.8	7436.9	0.01	99.72
137.0-138.0	10.8	0.8	7437.7	0.01	99.73
138.0-139.0	10.8	0.8	7438.5	0.01	99.74
139.0-140.0	10.9	0.8	7439.2	0.01	99.75
140.0-141.0	11.0	0.8	7440.0	0.01	99.76
141.0-142.0	11.1	0.8	7440.8	0.01	99.77
142.0-143.0	11.3	0.8	7441.5	0.01	99.78
143.0-144.0	11.5	0.7	7442.3	0.01	99.79

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	11.6	0.7	7443.0	0.01	99.80
145.0-146.0	11.7	0.7	7443.7	0.01	99.81
146.0-147.0	11.8	0.7	7444.4	0.01	99.82
147.0-148.0	12.0	0.7	7445.1	0.01	99.83
148.0-149.0	12.2	0.7	7445.8	0.01	99.84
149.0-150.0	12.3	0.7	7446.5	0.01	99.85
150.0-151.0	12.4	0.7	7447.2	0.01	99.86
151.0-152.0	12.6	0.7	7447.9	0.01	99.86
152.0-153.0	12.7	0.6	7448.5	0.01	99.87
153.0-154.0	12.8	0.6	7449.1	0.01	99.88
154.0-155.0	12.9	0.6	7449.7	0.01	99.89
155.0-156.0	13.1	0.6	7450.3	0.01	99.90
156.0-157.0	13.2	0.6	7450.9	0.01	99.91
157.0-158.0	13.3	0.6	7451.5	0.01	99.91
158.0-159.0	13.4	0.5	7452.0	0.01	99.92
159.0-160.0	13.5	0.5	7452.5	0.01	99.93
160.0-161.0	13.7	0.5	7453.0	0.01	99.93
161.0-162.0	13.8	0.5	7453.5	0.01	99.94
162.0-163.0	13.9	0.5	7454.0	0.01	99.95
163.0-164.0	14.0	0.4	7454.4	0.01	99.95
164.0-165.0	14.1	0.4	7454.8	0.01	99.96
165.0-166.0	14.2	0.4	7455.2	0.01	99.96
166.0-167.0	14.4	0.4	7455.6	0.00	99.97
167.0-168.0	14.5	0.3	7455.9	0.00	99.97
168.0-169.0	14.6	0.3	7456.2	0.00	99.98
169.0-170.0	14.7	0.3	7456.5	0.00	99.98
170.0-171.0	14.8	0.3	7456.8	0.00	99.98
171.0-172.0	14.8	0.2	7457.0	0.00	99.99
172.0-173.0	14.9	0.2	7457.3	0.00	99.99
173.0-174.0	15.0	0.2	7457.4	0.00	99.99
174.0-175.0	15.1	0.2	7457.6	0.00	100.00
175.0-176.0	15.1	0.1	7457.7	0.00	100.00
176.0-177.0	15.2	0.1	7457.8	0.00	100.00
177.0-178.0	15.2	0.1	7457.9	0.00	100.00
178.0-179.0	15.3	0.0	7457.9	0.00	100.00
179.0-180.0	15.3	0.0	7458.0	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	2172.4	2215.9	2235.4	2217.2	2172.4	2215.9	2235.4	2217.2	2172.4	
G1.0	2196.6	2126.1	2092.5	2090.7	2181.2	2310.8	2346.6	2317.2	2196.6	
G2.0	2205.3	2083.9	2085.2	2068.5	2200.7	2368.7	2346.0	2341.6	2205.3	
G3.0	2223.8	2112.0	2193.9	2149.3	2224.1	2359.8	2288.9	2299.3	2223.8	
G4.0	2202.9	2173.8	2314.2	2247.4	2212.5	2303.1	2212.7	2241.9	2202.9	
G5.0	2171.2	2221.4	2354.9	2306.9	2188.8	2250.8	2146.0	2206.2	2171.2	
G6.0	2158.3	2273.8	2306.5	2341.2	2184.8	2198.6	2115.0	2180.6	2158.3	
G7.0	2170.9	2305.8	2264.8	2328.3	2169.1	2150.6	2104.7	2140.9	2170.9	
G8.0	2188.2	2294.9	2315.4	2287.0	2161.3	2123.2	2084.5	2106.4	2188.2	
G9.0	2187.7	2271.5	2525.6	2274.6	2152.0	2105.6	2028.6	2092.4	2187.7	
G10.0	2175.8	2281.8	2759.9	2272.5	2141.6	2072.7	1941.5	2080.7	2175.8	
G11.0	2175.0	2331.6	2811.3	2324.9	2143.6	2058.2	1942.0	2064.6	2175.0	
G12.0	2172.8	2429.0	2688.5	2446.6	2147.6	2038.7	1964.0	2030.9	2172.8	
G13.0	2154.1	2566.2	2471.4	2598.7	2148.2	1989.1	1938.1	1970.7	2154.1	
G14.0	2141.6	2706.1	2354.2	2706.4	2143.7	1928.8	1872.0	1919.7	2141.6	
G15.0	2133.8	2759.8	2411.1	2739.3	2129.7	1915.9	1831.1	1905.2	2133.8	
G16.0	2145.9	2692.2	2570.3	2695.1	2103.3	1936.1	1860.7	1902.0	2145.9	
G17.0	2134.6	2571.7	2683.5	2591.5	2088.5	1940.3	1838.3	1890.9	2134.6	
G18.0	2115.4	2450.9	2649.8	2458.1	2070.1	1918.9	1811.5	1861.1	2115.4	
G19.0	2095.3	2361.4	2559.0	2351.1	2053.7	1875.3	1752.2	1831.3	2095.3	
G20.0	2087.4	2350.9	2631.9	2314.2	2039.2	1825.4	1671.8	1783.8	2087.4	
G21.0	2083.3	2392.8	2829.9	2382.9	2008.8	1785.7	1666.5	1764.0	2083.3	
G22.0	2071.3	2480.4	2967.4	2491.7	2014.6	1773.9	1649.6	1772.7	2071.3	
G23.0	2059.0	2562.7	2967.5	2587.4	2023.4	1746.3	1628.3	1755.2	2059.0	
G24.0	2055.6	2582.8	2890.9	2589.1	2012.9	1745.7	1539.4	1750.8	2055.6	
G25.0	2037.5	2542.5	2759.0	2525.7	1991.0	1733.0	1449.3	1720.9	2037.5	
G26.0	2005.6	2479.8	2582.5	2476.4	1969.6	1661.8	1482.8	1640.6	2005.6	
G27.0	1985.5	2481.2	2443.1	2504.4	1941.7	1610.6	1480.8	1590.7	1985.5	
G28.0	1959.4	2570.3	2425.8	2594.6	1932.1	1590.2	1416.0	1565.2	1959.4	
G29.0	1939.7	2678.6	2491.2	2667.5	1925.0	1585.9	1383.1	1541.0	1939.7	
G30.0	1919.2	2734.6	2584.6	2683.5	1873.2	1547.1	1432.0	1523.0	1919.2	
G31.0	1914.2	2729.2	2666.8	2665.3	1834.3	1510.4	1383.6	1490.7	1914.2	
G32.0	1919.6	2660.4	2711.1	2622.6	1826.0	1442.6	1349.9	1425.6	1919.6	
G33.0	1901.9	2552.9	2642.0	2552.5	1825.3	1382.2	1360.1	1363.8	1901.9	
G34.0	1863.6	2434.9	2543.4	2460.1	1811.8	1360.3	1220.1	1348.7	1863.6	
G35.0	1829.2	2329.9	2518.6	2351.1	1789.4	1349.7	1184.4	1338.8	1829.2	
G36.0	1802.9	2272.7	2548.7	2279.7	1772.6	1321.3	1080.1	1303.1	1802.9	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	1777.7	2266.3	2586.5	2272.1	1751.9	1284.0	1039.0	1260.6	1777.7	
G38.0	1740.2	2266.2	2575.7	2282.4	1726.8	1255.8	1033.1	1237.4	1740.2	
G39.0	1706.6	2258.0	2502.1	2267.1	1701.4	1246.0	993.2	1219.5	1706.6	
G40.0	1678.6	2221.9	2461.1	2231.5	1655.4	1229.1	928.8	1197.6	1678.6	
G41.0	1641.7	2222.9	2556.1	2217.7	1612.8	1181.0	878.8	1156.8	1641.7	
G42.0	1614.1	2273.2	2720.8	2259.1	1597.6	1137.3	817.9	1113.1	1614.1	
G43.0	1584.2	2327.1	2841.6	2313.1	1578.5	1094.9	764.1	1053.3	1584.2	
G44.0	1548.3	2361.8	2792.7	2357.7	1534.8	1027.5	700.2	985.9	1548.3	
G45.0	1504.7	2355.1	2593.7	2376.6	1486.6	961.6	638.4	935.8	1504.7	
G46.0	1461.8	2325.9	2428.9	2359.2	1440.9	909.5	578.8	881.3	1461.8	
G47.0	1416.9	2253.6	2344.3	2284.8	1414.4	854.9	525.8	827.4	1416.9	
G48.0	1366.5	2147.0	2296.8	2175.7	1381.9	804.9	477.9	783.6	1366.5	
G49.0	1319.4	2054.0	2244.1	2068.1	1331.7	760.8	438.8	731.4	1319.4	
G50.0	1272.1	2033.6	2205.8	2021.8	1270.9	702.2	399.1	678.7	1272.1	
G51.0	1218.6	2060.4	2193.4	2013.8	1216.3	653.8	360.9	627.0	1218.6	
G52.0	1167.9	2073.5	2240.4	2024.7	1167.7	600.0	325.4	574.2	1167.9	
G53.0	1122.4	2066.2	2269.2	2050.2	1126.4	553.1	294.6	528.1	1122.4	
G54.0	1079.5	2026.1	2209.3	2044.1	1074.0	506.1	267.1	482.9	1079.5	
G55.0	1023.3	1991.8	2163.1	2006.4	1018.8	465.3	244.2	437.4	1023.3	
G56.0	968.4	1974.6	2235.4	1971.1	956.8	421.4	224.3	395.5	968.4	
G57.0	922.4	1943.3	2301.3	1943.9	912.5	385.5	208.6	359.7	922.4	
G58.0	881.9	1929.8	2312.6	1936.5	878.5	350.2	194.6	323.5	881.9	
G59.0	845.3	1950.1	2244.5	1936.9	837.2	318.0	182.2	292.8	845.3	
G60.0	799.7	1939.3	2184.2	1931.0	789.8	287.9	171.7	265.2	799.7	
G61.0	756.5	1847.3	2186.8	1880.0	758.6	261.7	160.4	242.0	756.5	
G62.0	713.3	1737.5	2175.8	1776.3	719.6	237.0	149.5	221.3	713.3	
G63.0	685.4	1664.7	2146.6	1683.7	678.8	217.1	139.3	203.4	685.4	
G64.0	655.2	1616.9	2085.4	1631.6	650.8	198.3	128.4	186.6	655.2	
G65.0	613.7	1551.7	1959.6	1562.9	629.1	181.9	114.3	172.2	613.7	
G66.0	599.6	1481.7	1830.7	1483.0	593.5	167.6	102.4	159.4	599.6	
G67.0	564.9	1457.7	1767.5	1446.4	571.3	154.2	92.0	147.9	564.9	
G68.0	521.9	1450.2	1805.8	1449.2	544.4	142.2	83.8	136.1	521.9	
G69.0	513.6	1435.7	1809.5	1447.8	522.3	131.6	77.2	125.8	513.6	
G70.0	484.4	1413.6	1771.1	1435.6	503.5	121.4	72.6	116.8	484.4	
G71.0	467.4	1390.2	1761.4	1411.6	470.1	112.8	67.6	108.5	467.4	
G72.0	429.2	1380.4	1791.1	1388.4	453.4	104.6	63.8	99.4	429.2	
G73.0	409.5	1384.4	1817.2	1384.7	429.6	95.6	59.1	91.2	409.5	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	383.7	1355.0	1814.4	1381.3	400.6	87.8	55.3	83.3	383.7	
G75.0	364.1	1277.5	1714.0	1322.8	378.3	80.0	51.3	77.1	364.1	
G76.0	339.8	1201.6	1590.4	1243.1	350.6	74.4	47.6	71.3	339.8	
G77.0	317.4	1142.1	1559.7	1176.1	326.1	69.2	44.1	66.2	317.4	
G78.0	293.6	1075.1	1604.3	1106.3	303.6	63.6	40.3	61.1	293.6	
G79.0	274.6	996.3	1555.5	1036.0	284.3	59.1	36.8	55.9	274.6	
G80.0	250.7	923.7	1512.3	956.0	259.2	54.3	33.3	51.1	250.7	
G81.0	217.8	857.9	1486.6	885.9	231.6	49.0	29.5	46.0	217.8	
G82.0	183.0	787.2	1376.4	814.3	200.1	44.3	25.7	41.4	183.0	
G83.0	149.8	720.7	1347.1	743.3	161.0	39.4	22.0	36.7	149.8	
G84.0	117.9	657.8	1255.2	686.4	124.0	35.5	18.3	32.2	117.9	
G85.0	92.9	605.5	1184.1	626.8	98.8	31.1	14.3	28.0	92.9	
G86.0	74.8	561.5	1140.3	578.3	77.3	27.0	10.7	24.2	74.8	
G87.0	59.0	514.3	1039.0	530.9	60.1	23.5	6.6	20.6	59.0	
G88.0	48.7	475.8	966.1	492.5	48.5	20.6	6.4	18.9	48.7	
G89.0	42.0	437.5	852.7	457.0	41.6	19.3	6.6	17.6	42.0	
G90.0	40.0	406.9	764.2	422.6	39.2	18.0	6.9	16.5	40.0	
G91.0	39.9	380.6	671.0	391.3	39.2	16.8	7.1	15.5	39.9	
G92.0	39.8	355.6	594.3	366.2	39.4	15.8	7.4	14.9	39.8	
G93.0	41.0	334.4	524.0	343.2	41.4	15.1	7.6	14.2	41.0	
G94.0	42.0	310.4	459.9	320.4	43.0	14.6	7.9	13.6	42.0	
G95.0	42.8	290.9	413.5	297.6	45.5	14.0	8.0	13.1	42.8	
G96.0	43.5	270.5	379.6	276.6	46.3	13.5	8.4	12.7	43.5	
G97.0	43.5	250.9	356.3	259.0	46.8	13.0	8.6	12.3	43.5	
G98.0	42.8	236.6	335.7	242.0	46.7	12.5	8.8	12.2	42.8	
G99.0	42.5	220.9	316.4	224.5	46.3	12.4	9.0	11.8	42.5	
G100.0	42.1	207.5	298.2	208.6	45.4	12.1	9.2	11.4	42.1	
G101.0	41.1	191.7	281.7	194.5	45.0	11.8	9.6	11.3	41.1	
G102.0	40.1	177.7	264.4	181.0	43.8	11.6	9.7	11.0	40.1	
G103.0	38.8	161.7	244.1	167.3	42.6	11.2	10.0	10.9	38.8	
G104.0	37.5	146.4	226.3	151.3	41.2	11.2	10.2	10.6	37.5	
G105.0	36.3	132.1	212.1	137.3	39.7	10.9	10.6	10.4	36.3	
G106.0	34.9	119.4	196.8	123.2	38.5	10.8	10.8	10.5	34.9	
G107.0	33.8	108.1	178.3	111.1	37.0	10.6	10.9	10.3	33.8	
G108.0	32.5	98.5	163.2	101.4	35.5	10.5	11.2	10.2	32.5	
G109.0	30.9	90.6	147.9	92.3	34.3	10.4	11.4	10.2	30.9	
G110.0	29.6	84.9	132.3	85.8	32.9	10.4	11.6	10.2	29.6	

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: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	28.2	79.0	111.9	79.9	31.4	10.4	11.8	10.3	28.2	
G112.0	26.7	74.7	93.7	74.1	29.8	10.5	11.9	10.4	26.7	
G113.0	25.5	71.0	79.3	70.2	28.5	10.6	12.2	10.4	25.5	
G114.0	24.1	67.7	70.9	66.5	27.0	10.6	12.5	10.6	24.1	
G115.0	22.7	64.2	63.4	62.6	25.8	10.5	12.7	10.7	22.7	
G116.0	21.4	60.1	57.3	59.0	24.5	10.7	12.8	10.8	21.4	
G117.0	20.3	54.1	52.3	54.9	23.1	10.8	13.1	10.8	20.3	
G118.0	19.1	47.8	47.1	49.5	21.8	11.0	13.2	11.0	19.1	
G119.0	17.9	40.9	42.2	43.0	20.7	11.0	13.4	11.0	17.9	
G120.0	16.8	35.2	37.8	37.0	19.6	11.0	13.6	11.2	16.8	
G121.0	15.9	29.8	35.0	31.5	18.7	11.2	13.8	11.4	15.9	
G122.0	14.8	24.9	32.5	26.4	17.8	11.4	13.9	11.7	14.8	
G123.0	13.8	20.6	30.2	22.3	17.0	11.6	14.0	11.8	13.8	
G124.0	13.1	17.0	27.9	18.9	16.2	11.8	14.3	12.0	13.1	
G125.0	12.2	13.7	25.8	15.6	15.6	11.8	14.4	12.2	12.2	
G126.0	11.4	11.4	23.9	13.0	14.8	12.2	14.6	12.2	11.4	
G127.0	10.6	10.5	21.8	11.4	14.2	12.4	14.8	12.5	10.6	
G128.0	10.1	9.8	19.2	10.6	13.8	12.4	14.9	12.6	10.1	
G129.0	9.5	9.4	16.4	10.0	13.2	12.7	15.0	12.8	9.5	
G130.0	9.4	9.2	13.6	9.7	12.7	12.7	15.0	13.0	9.4	
G131.0	9.2	9.0	11.8	9.4	12.3	12.8	15.2	13.0	9.2	
G132.0	9.4	8.9	10.2	9.2	12.2	13.0	15.2	13.2	9.4	
G133.0	9.6	8.7	8.9	8.9	11.3	13.2	15.3	13.3	9.6	
G134.0	9.6	8.6	7.8	9.0	10.5	13.4	15.4	13.4	9.6	
G135.0	9.6	8.4	7.1	8.8	10.1	13.4	15.5	13.5	9.6	
G136.0	9.9	8.2	6.0	8.6	10.0	13.6	15.7	13.6	9.9	
G137.0	10.1	8.3	6.2	8.4	10.0	13.6	15.8	13.9	10.1	
G138.0	10.1	8.1	6.3	8.2	10.2	13.8	15.8	13.8	10.1	
G139.0	10.3	7.9	6.6	8.0	10.2	14.0	15.9	14.1	10.3	
G140.0	10.5	8.0	6.8	8.0	10.4	14.0	15.8	14.2	10.5	
G141.0	10.8	8.1	6.9	8.0	10.5	14.0	15.9	14.2	10.8	
G142.0	10.8	8.2	7.2	8.3	10.8	14.2	16.0	14.4	10.8	
G143.0	11.1	8.4	7.3	8.4	11.0	14.4	16.1	14.4	11.1	
G144.0	11.2	8.5	7.5	8.5	11.2	14.4	16.2	14.6	11.2	
G145.0	11.5	8.7	7.8	8.8	11.3	14.5	16.2	14.6	11.5	
G146.0	11.5	8.9	7.9	8.8	11.4	14.6	16.1	14.6	11.5	
G147.0	11.7	9.1	8.2	9.2	11.6	14.6	16.2	14.8	11.7	

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: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	12.1	9.4	8.4	9.4	11.8	14.7	16.2	14.9	12.1	
G149.0	12.2	9.6	8.5	9.6	11.8	14.8	16.4	14.9	12.2	
G150.0	12.4	9.7	8.8	9.7	12.2	14.8	16.2	15.0	12.4	
G151.0	12.5	10.0	9.0	10.0	12.3	15.0	16.4	15.0	12.5	
G152.0	12.5	10.2	9.2	10.1	12.4	15.1	16.2	15.1	12.5	
G153.0	12.6	10.4	9.5	10.4	12.6	15.0	16.4	15.3	12.6	
G154.0	12.8	10.6	9.6	10.6	12.7	15.0	16.3	15.2	12.8	
G155.0	13.0	10.8	9.9	10.8	12.8	15.2	16.3	15.2	13.0	
G156.0	13.2	11.0	10.2	11.0	13.0	15.2	16.3	15.2	13.2	
G157.0	13.3	11.2	10.3	11.2	13.2	15.2	16.3	15.3	13.3	
G158.0	13.4	11.4	10.6	11.4	13.2	15.4	16.3	15.4	13.4	
G159.0	13.6	11.6	10.8	11.5	13.3	15.3	16.3	15.5	13.6	
G160.0	13.8	11.8	11.0	11.8	13.4	15.2	16.2	15.4	13.8	
G161.0	13.8	12.0	11.3	12.0	13.7	15.4	16.3	15.6	13.8	
G162.0	14.0	12.2	11.4	12.2	13.8	15.5	16.2	15.6	14.0	
G163.0	14.0	12.5	11.8	12.4	14.0	15.5	16.2	15.4	14.0	
G164.0	14.2	12.6	12.0	12.6	14.1	15.5	16.1	15.6	14.2	
G165.0	14.5	12.9	12.2	12.6	14.1	15.5	16.1	15.5	14.5	
G166.0	14.4	13.0	12.4	13.0	14.3	15.6	16.1	15.5	14.4	
G167.0	14.6	13.3	12.6	13.2	14.3	15.5	16.2	15.6	14.6	
G168.0	14.7	13.5	12.8	13.4	14.5	15.6	16.2	15.6	14.7	
G169.0	14.8	13.7	13.1	13.6	14.6	15.6	16.0	15.5	14.8	
G170.0	14.9	13.8	13.3	13.8	14.7	15.6	16.0	15.6	14.9	
G171.0	15.0	14.0	13.6	14.0	14.8	15.4	15.9	15.7	15.0	
G172.0	15.0	14.2	13.7	14.0	14.9	15.6	15.8	15.5	15.0	
G173.0	15.1	14.2	14.0	14.3	15.0	15.6	15.8	15.6	15.1	
G174.0	15.2	14.4	14.2	14.4	15.0	15.6	15.9	15.4	15.2	
G175.0	15.2	14.7	14.4	14.6	15.2	15.5	15.8	15.4	15.2	
G176.0	15.3	14.7	14.6	14.6	15.2	15.5	15.6	15.4	15.3	
G177.0	15.4	14.9	14.8	14.8	15.2	15.4	15.7	15.4	15.4	
G178.0	15.6	15.0	14.8	15.1	15.2	15.3	15.6	15.2	15.6	
G179.0	15.6	15.2	15.0	15.2	15.4	15.3	15.4	15.2	15.6	
G180.0	15.7	15.2	15.3	15.2	15.2	15.2	15.2	15.2	15.7	

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: GPM-1800B
 Distance: 10.160 m
 Humidity:
 Inspector: