

Report No.:

Test Time: 2022-06-29 17:29

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VAC3315BL

Current: 0.289 A

Power Factor: 0.984

Voltage: 119.9 V

Power: 34.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2218.5 lm

Downward Ratio: 90%

Horizontal Diffuse Angle(50%): H40.5

Vertical Diffuse Angle(50%): V41.8

Luminaire Efficacy Rating (LER): 65.11

Max. Intensity: 3411.13 cd

S/MH(C0/C180): 0.66

Total Rated Lamp Lumens: 2218.5 lm

Efficiency: 100%

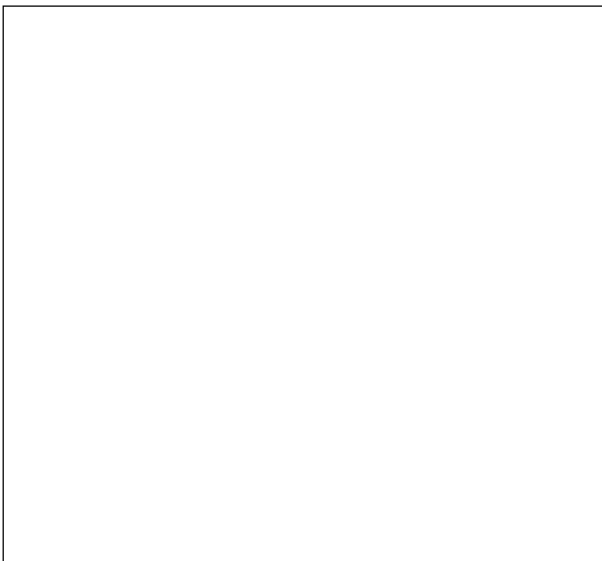
Upward Ratio: 10%

Central Intensity: 3267.02 cd

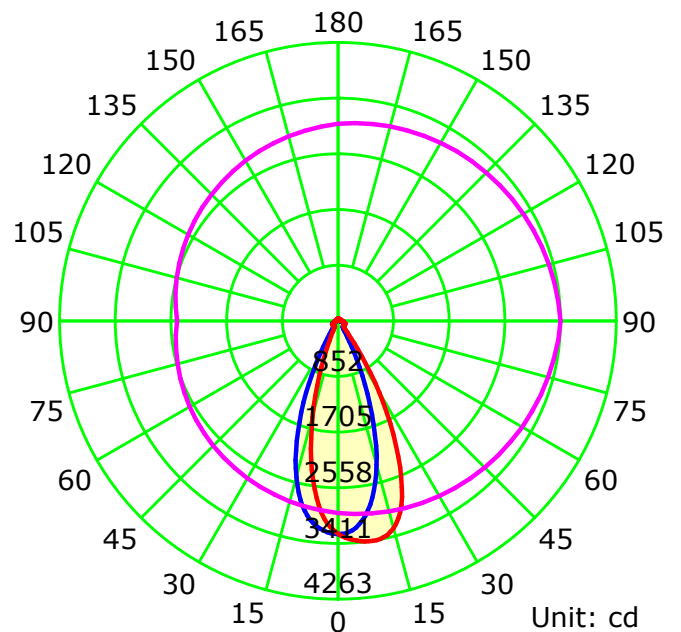
Pos of Max. Intensity: H90 V9

S/MH(C90/C270): 0.69

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 40.9°

— C0-C180 — C90-C270 — G9

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

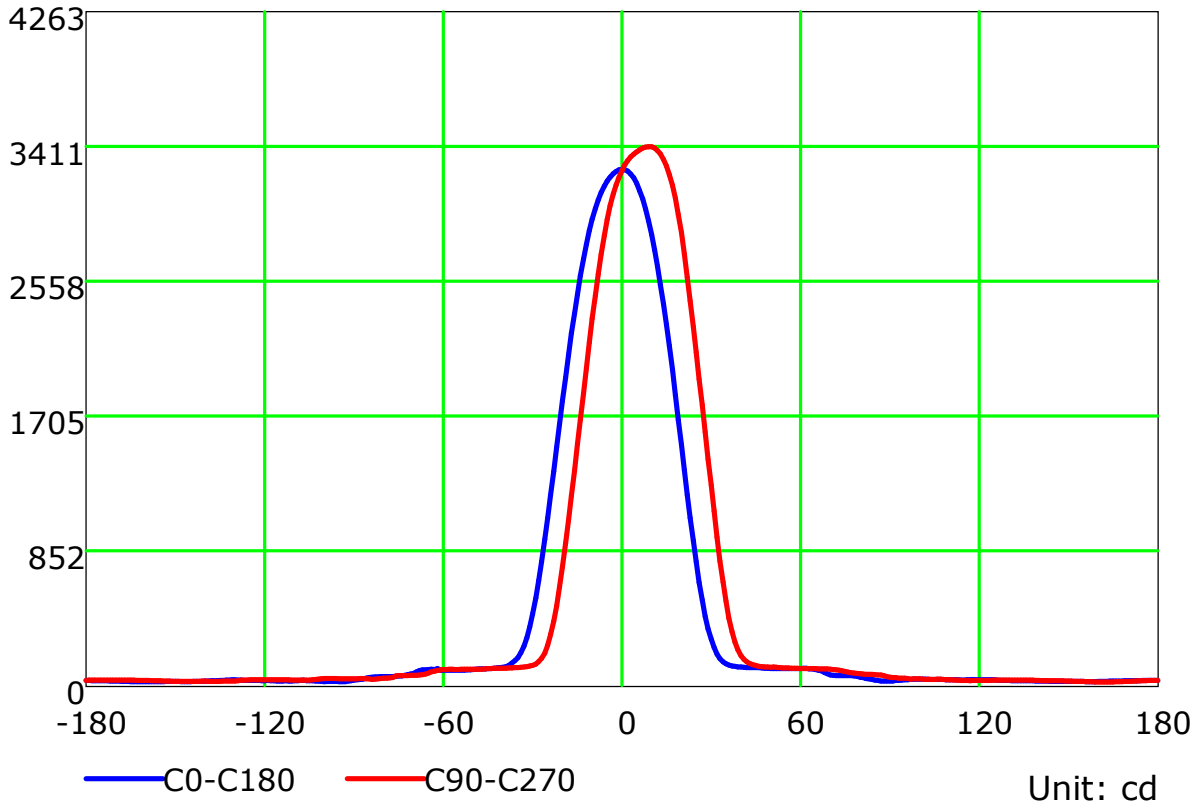
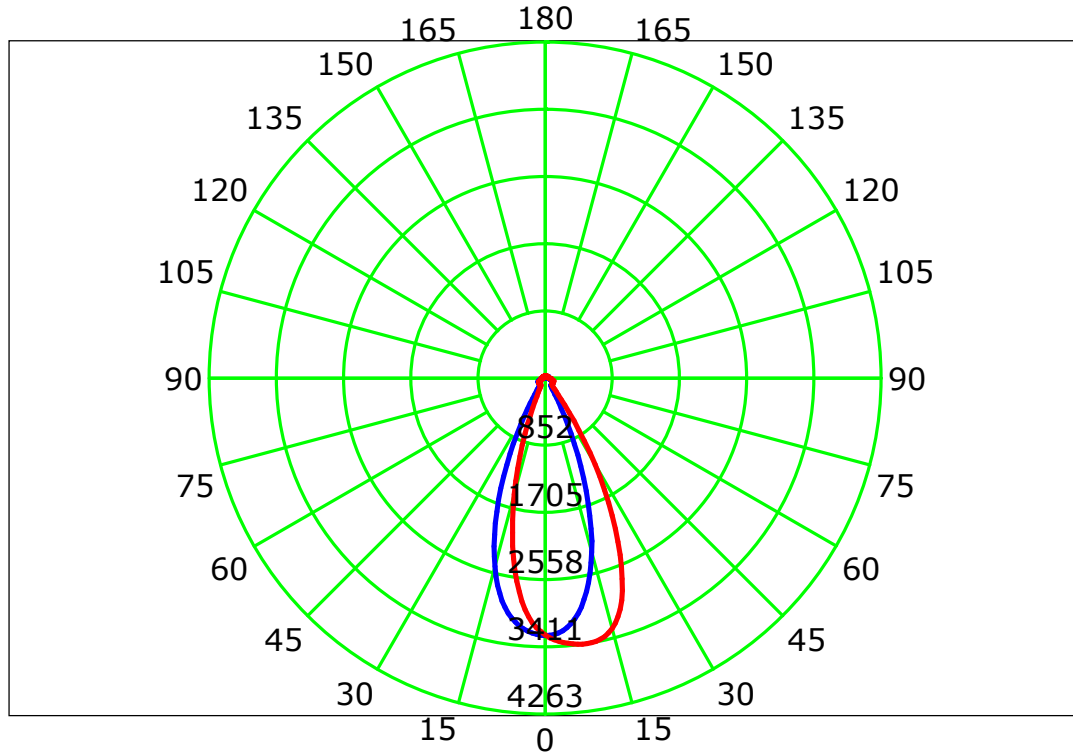
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

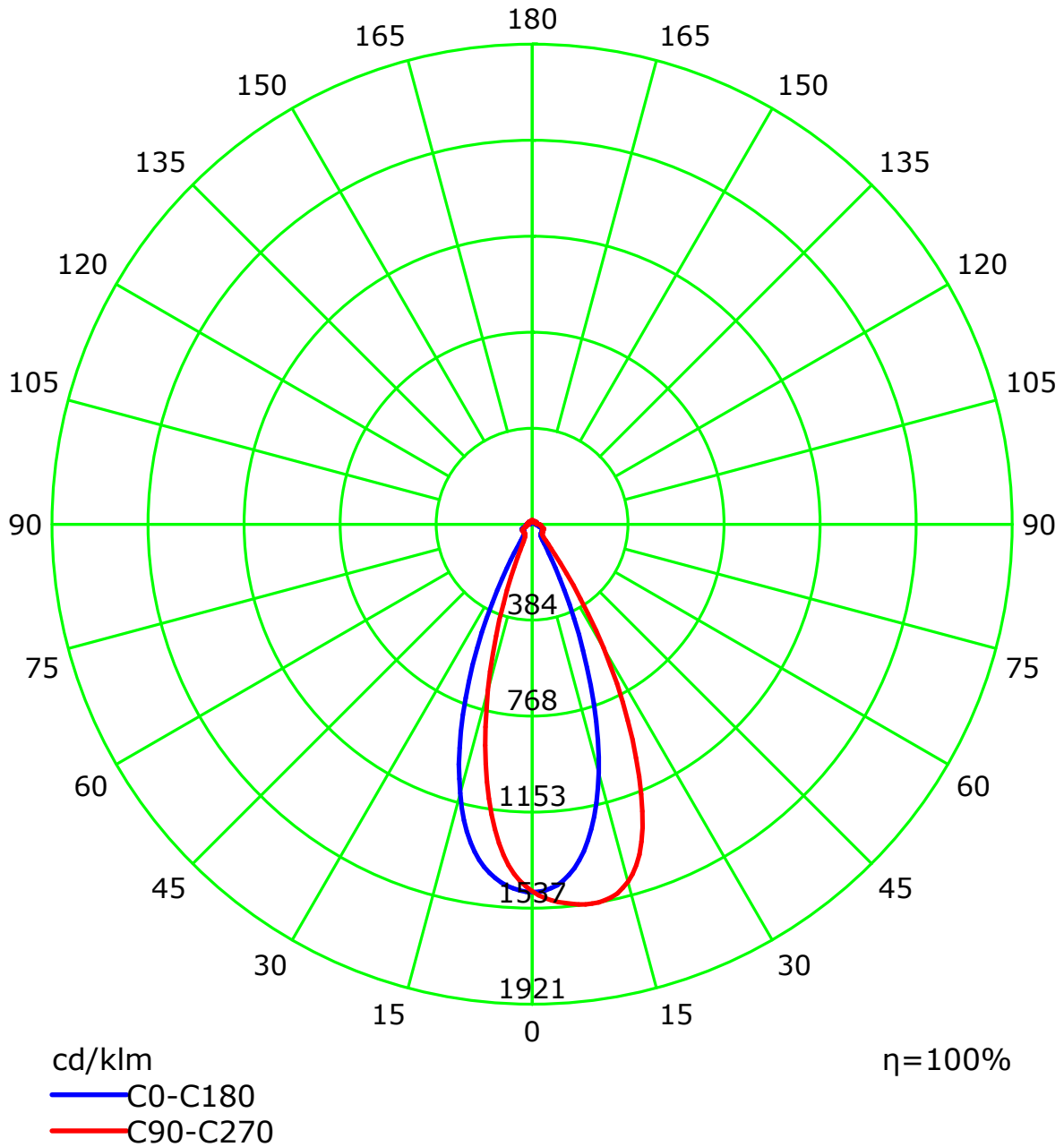
Luminous Intensity Distribution Curve



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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



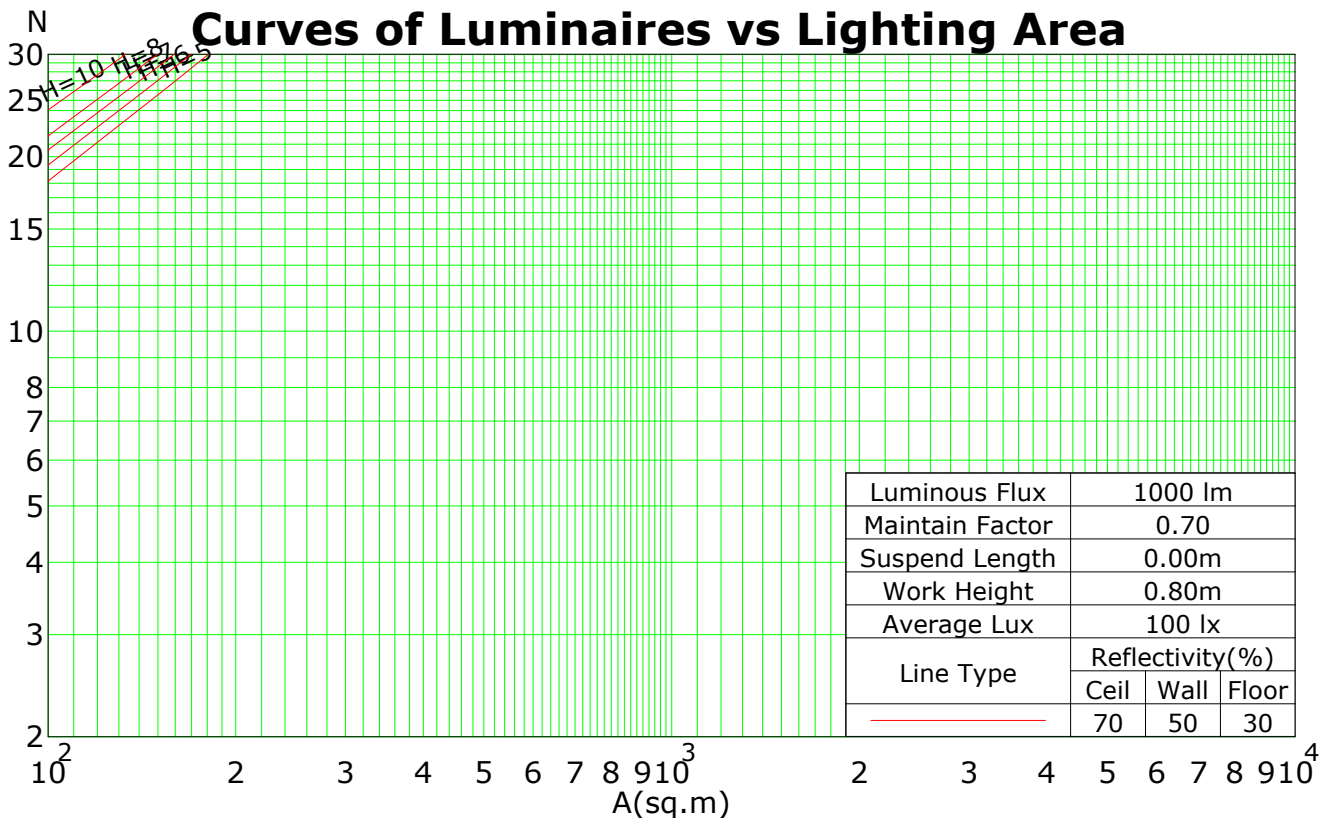
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 6.500 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	106	106	106	99	99	99	93	93	93	90
1	109	106	102	99	106	102	99	97	96	94	92	91	89	88	86	85	83	81
2	103	97	92	88	99	94	90	86	89	86	82	85	82	79	80	78	76	74
3	97	89	83	79	94	87	82	77	83	79	75	79	76	73	76	73	70	68
4	92	83	77	72	89	81	75	71	78	73	69	75	70	67	72	68	65	63
5	87	78	71	66	84	76	70	66	73	68	64	70	66	63	68	64	61	60
6	83	73	67	62	80	72	66	61	69	64	60	67	62	59	65	61	58	56
7	79	69	62	58	77	68	62	58	66	60	57	64	59	56	62	58	55	53
8	75	65	59	55	73	64	58	54	62	57	54	61	56	53	59	55	52	50
9	72	62	56	52	70	61	55	51	59	54	51	58	53	50	56	52	49	48
10	69	59	53	49	67	58	53	49	57	52	48	55	51	48	54	50	47	46

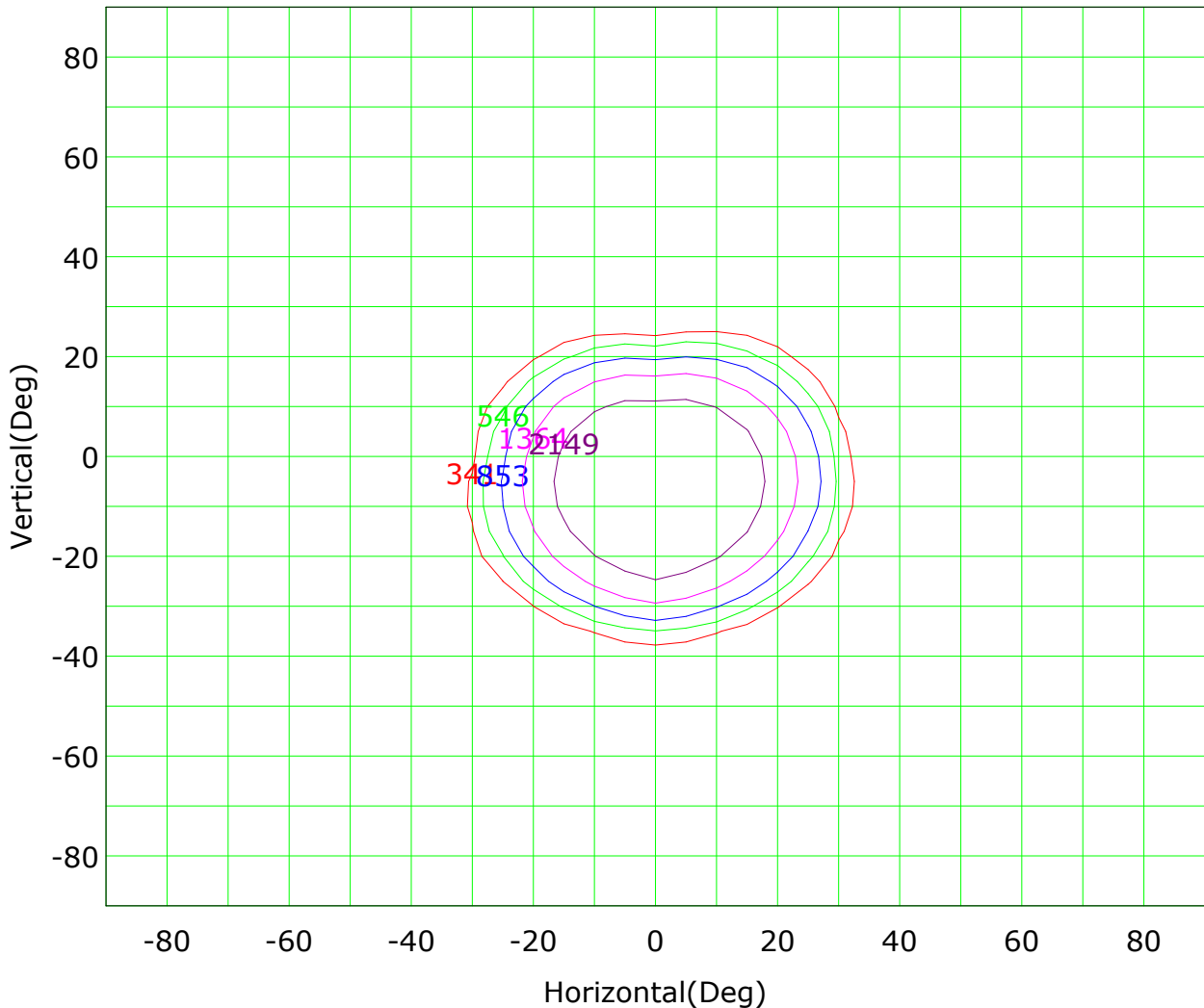
Spacing Criteria (0-180): 0.66
 Spacing Criteria (90-270): 0.69
 Spacing Criteria (Diagonal): 0.65



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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Isocandela (rectangle)



Imax (100%): 3411 cd

— (10%): 341 cd	— (16%): 546 cd
— (25%): 853 cd	— (40%): 1364 cd
— (63%): 2149 cd	— (100%): 3411 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

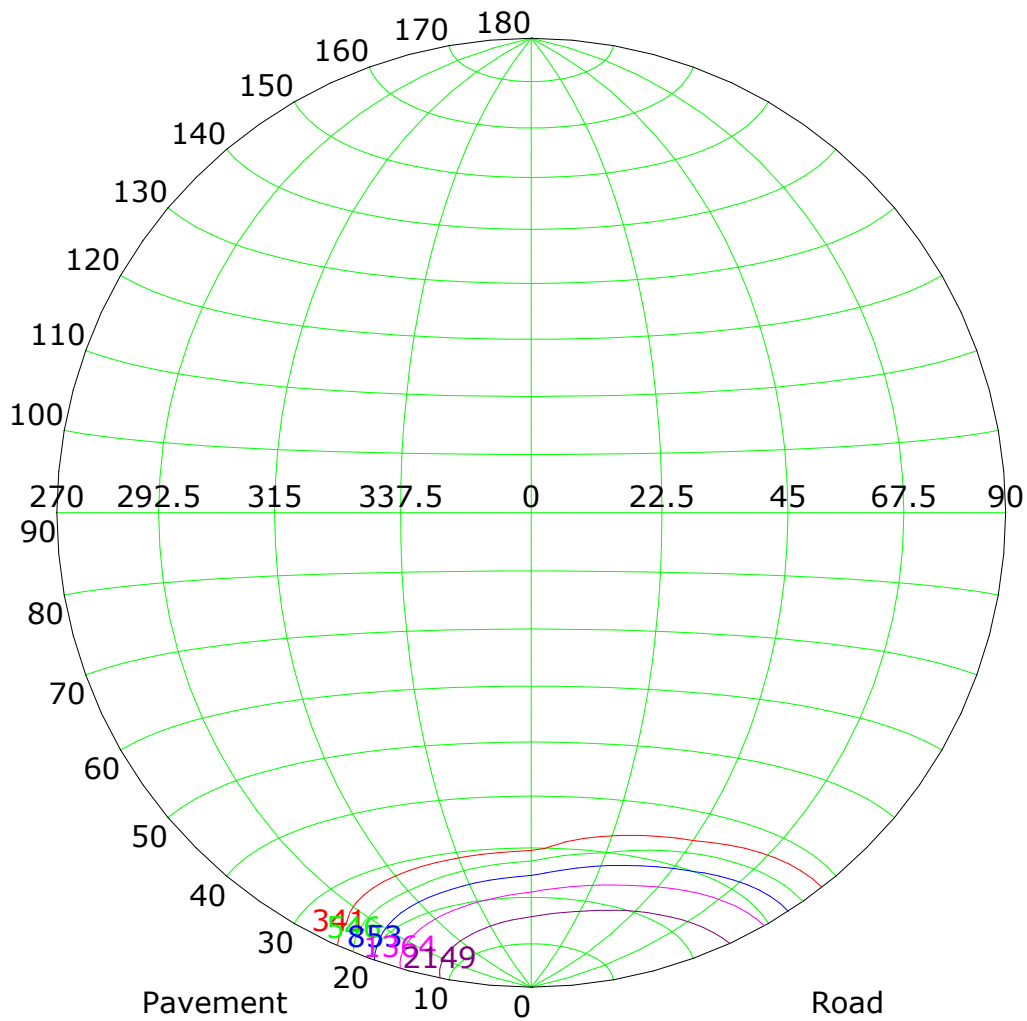
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 3411 cd

— (10%): 341 cd	— (16%): 546 cd
— (25%): 853 cd	— (40%): 1364 cd
— (63%): 2149 cd	— (100%): 3411 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

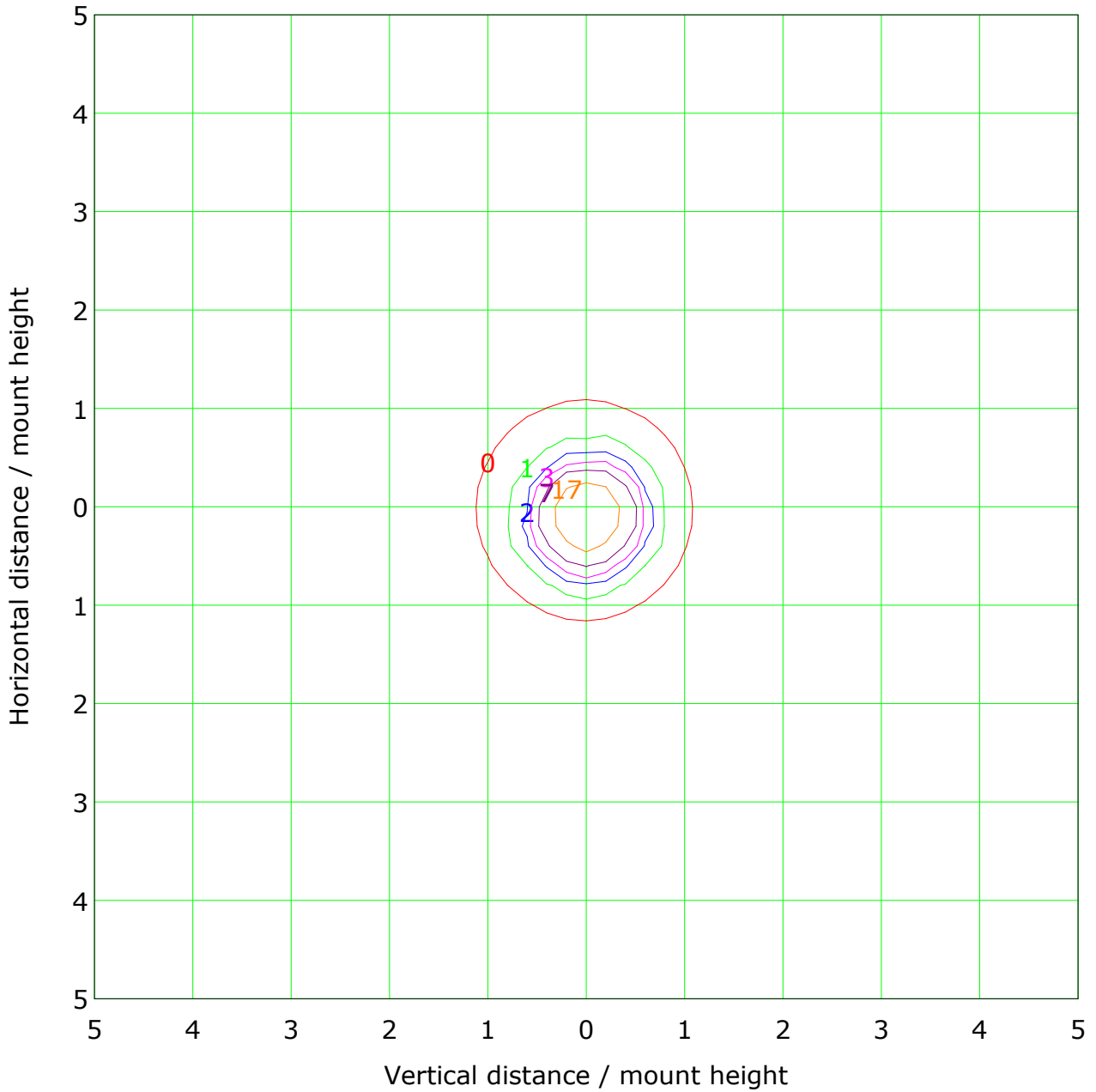
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 33.4 lx	
<ul style="list-style-type: none"> — (1%): 0.3 lx — (5%): 1.7 lx — (20%): 6.7 lx — (100%): 33.4 lx 	<ul style="list-style-type: none"> — (2%): 0.7 lx — (10%): 3.3 lx — (50%): 16.7 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-1600

Distance: 6.500 m

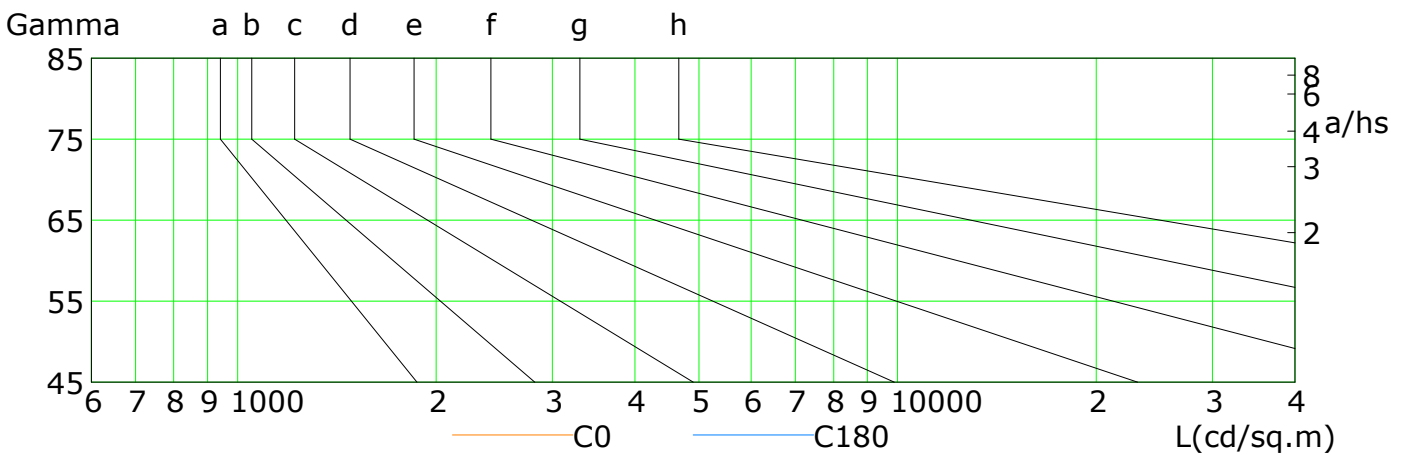
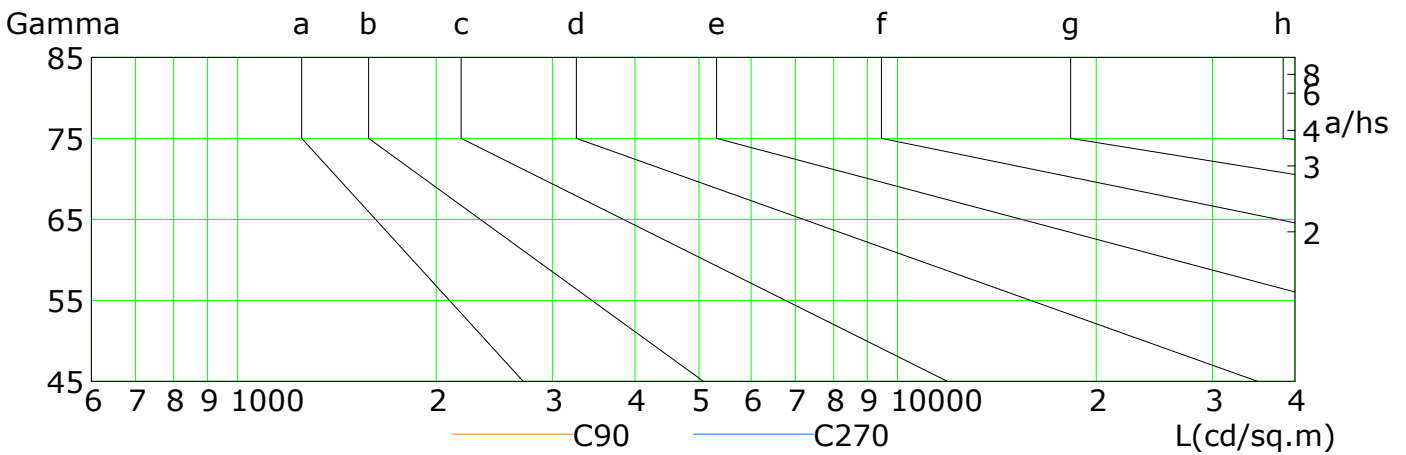
Humidity:

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	114	109	108	108	103	68	63	54	35
C90	128	117	113	109	108	105	89	76	70
C180	108	103	98	99	102	78	61	57	52
C270	108	105	103	102	80	66	65	47	43

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

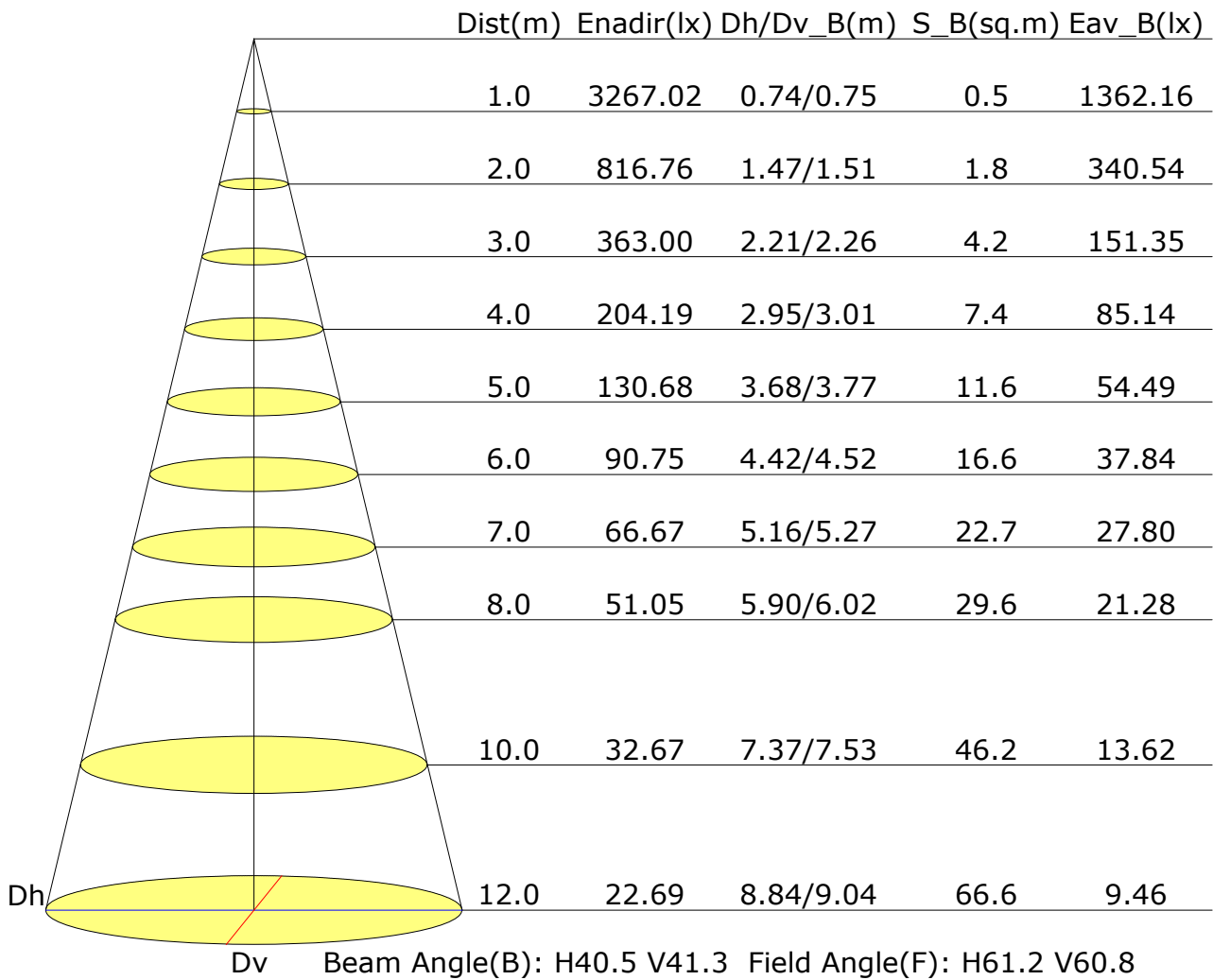
Test Device: GPM-1600

Distance: 6.500 m

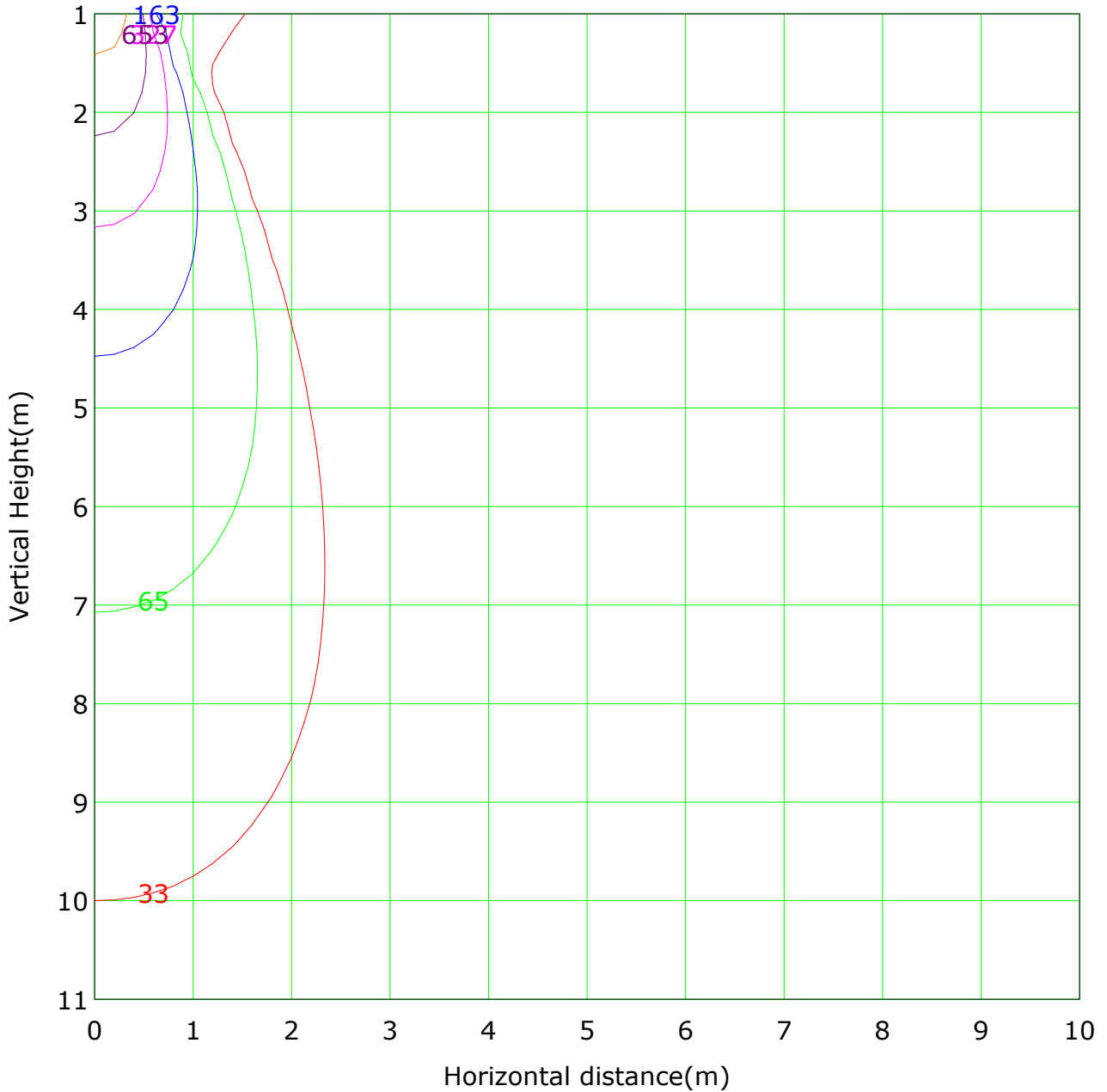
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3267.0 lx
 (1%): 32.7 lx (2%): 65.3 lx
 (5%): 163.4 lx (10%): 326.7 lx
 (20%): 653.4 lx (50%): 1633.5 lx
 (100%): 3267.0 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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Area Flux Table

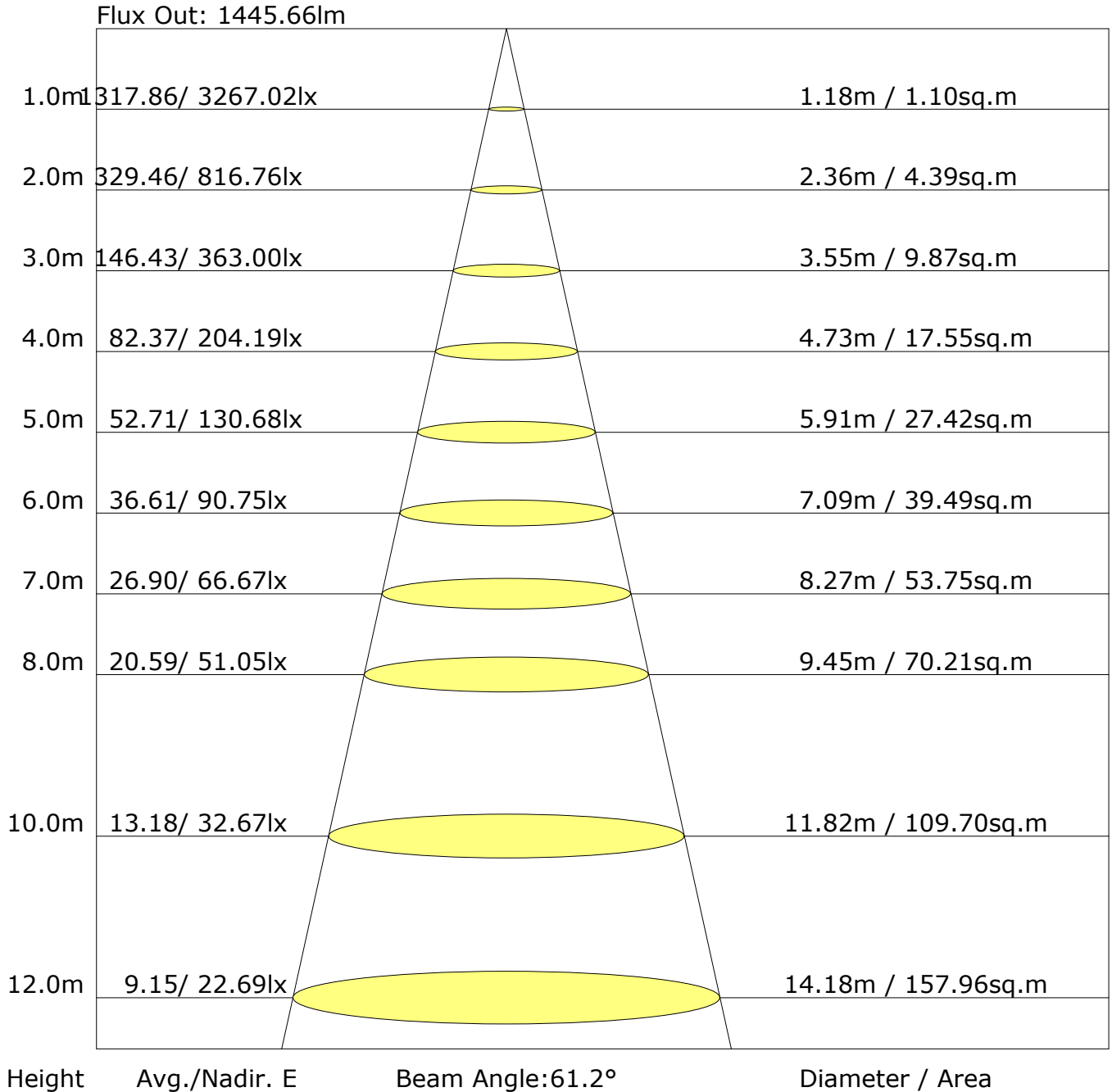
Unit: lm

		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	0.8	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.3	0.0
	-80	0.1	0.4	0.7	0.9	1.1	1.4	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	8.0	0.0
	-70	0.1	0.4	0.7	1.0	1.4	1.8	2.2	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	17.1	0.0
	-60	0.1	0.4	0.8	1.3	1.9	2.4	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	26.1	0.0
	-50	0.1	0.4	0.9	1.6	2.2	2.5	2.9	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	34.7	0.0
	-40	0.1	0.5	1.0	1.7	2.2	2.6	3.1	3.6	3.8	3.8	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	51.0	3.3
	-30	0.1	0.5	1.2	1.7	2.2	2.8	4.7	9.4	11.5	10.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	99.0	99.0
	-20	0.1	0.5	1.2	1.7	2.3	3.5	12.7	33.5	47.3	46.0	29.4	9.3	3.1	2.7	2.7	2.7	2.7	2.7	2.7	274.9	3399.4
	-10	0.1	0.5	1.3	1.7	2.3	4.9	25.5	62.6	85.8	84.9	57.7	19.3	3.8	2.4	2.4	2.4	2.4	2.4	2.4	4392.4	2252.0
	0	0.1	0.5	1.3	1.7	2.3	5.8	31.1	73.3	97.7	96.8	68.3	25.0	4.7	2.5	2.5	2.5	2.5	2.5	2.5	75.8	75.8
	10	0.1	0.5	1.3	1.7	2.3	4.9	24.2	62.3	90.8	89.5	58.2	20.8	4.5	2.5	2.5	2.5	2.5	2.5	2.5	0.4	0.0
	20	0.1	0.5	1.2	1.8	2.3	3.4	11.1	33.5	56.6	55.6	31.5	10.3	3.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
	30	0.1	0.5	1.1	1.8	2.2	2.8	4.1	8.7	15.9	15.8	8.6	4.1	2.9	2.4	2.3	2.3	2.3	2.3	2.3	0.0	0.0
	40	0.1	0.5	1.0	1.8	2.2	2.6	3.1	3.5	4.0	4.0	3.6	3.2	2.8	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
	50	0.1	0.5	0.9	1.5	2.2	2.6	2.9	3.2	3.4	3.4	3.3	3.0	2.7	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
	60	0.1	0.4	0.8	1.2	1.8	2.4	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.7	1.7	1.7	1.7	1.7	1.7	0.0	0.0
	70	0.1	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.7	2.7	2.5	2.2	1.8	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0
	80	0.1	0.3	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.0	1.9	1.6	1.4	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
	90	0.1	0.3	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.0	1.9	1.6	1.4	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
	Flux(T)	2.3	8.0	17.1	26.1	34.7	51.0	99.0	139.9	312.6	436.7	430.0	290.4	119.1	48.2	35.4	26.5	16.3	7.4	1.7	2003	
	Flux(E)	0.0	0.0	0.0	0.0	0.0	3.3	99.0	274.9	4399.4	392.4	252.0	75.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1497	

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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



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-1600
 Distance: 6.500 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 2219Im ($8\log(F/F_0) = 2.8$).

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: GPM-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

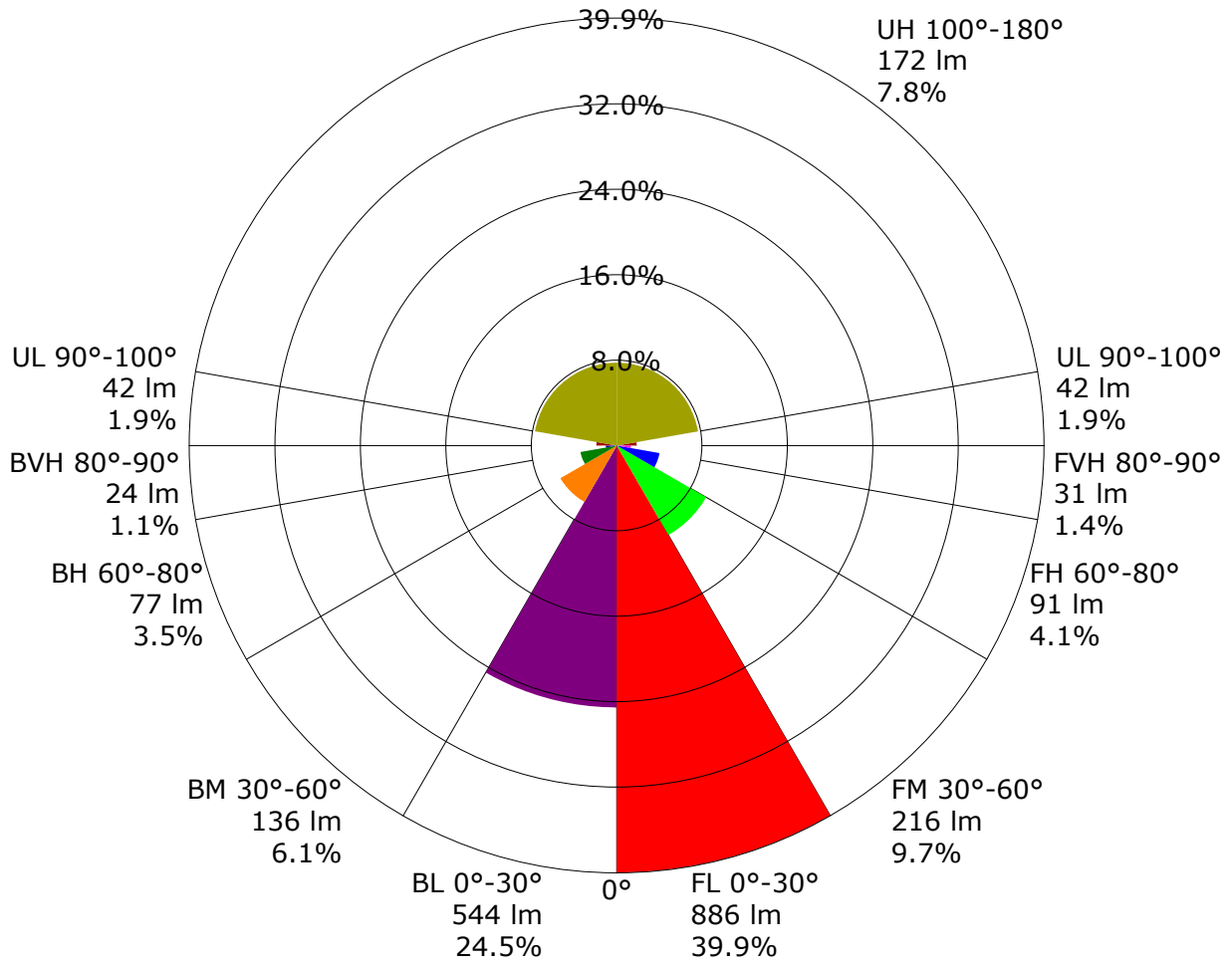
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	1224	55.2
	FL (0°-30°)	886	39.9
	FM (30°-60°)	216	9.7
	FH (60°-80°)	91	4.1
	FVH (80°-90°)	31	1.4
	BACK LIGHT	780	35.2
	BL (0°-30°)	544	24.5
	BM (30°-60°)	136	6.1
	BH (60°-80°)	77	3.5
	BVH (80°-90°)	24	1.1
	UP LIGHT	215	9.7
	UL (90°-100°)	42	1.9
	UH (100°-180°)	172	7.8
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U3 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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

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-1600

Distance: 6.500 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.76	0.82	0.86	0.90	0.94	0.97	1.00	1.03	1.05	
	0.30		0.71	0.77	0.81	0.85	0.90	0.93	0.96	1.00	1.02	
	0.20		0.67	0.73	0.77	0.81	0.86	0.90	0.93	0.97	1.00	
0.50	0.50	0.20	0.74	0.79	0.83	0.86	0.90	0.93	0.95	0.97	0.99	
	0.30		0.69	0.75	0.79	0.82	0.86	0.89	0.92	0.95	0.97	
	0.20		0.66	0.72	0.75	0.79	0.83	0.87	0.89	0.93	0.95	
0.30	0.50	0.20	0.72	0.77	0.80	0.82	0.86	0.88	0.90	0.92	0.93	
	0.30		0.68	0.73	0.76	0.79	0.83	0.86	0.87	0.90	0.92	
	0.20		0.65	0.70	0.74	0.76	0.81	0.83	0.85	0.88	0.90	
0.00	0.00	0.00	0.62	0.67	0.70	0.72	0.76	0.78	0.80	0.82	0.83	
<p>Rating:34W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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	0.67	0.56	0.48	0.42	0.34	0.29	0.25	0.20	0.16	
	0.30		0.56	0.48	0.42	0.38	0.31	0.27	0.23	0.19	0.16	
	0.20		0.48	0.42	0.37	0.34	0.28	0.24	0.22	0.18	0.15	
0.50	0.50	0.20	0.62	0.51	0.44	0.39	0.31	0.30	0.23	0.18	0.15	
	0.30		0.52	0.45	0.39	0.35	0.29	0.24	0.21	0.17	0.14	
	0.20		0.45	0.39	0.35	0.31	0.26	0.23	0.20	0.16	0.14	
0.30	0.50	0.20	0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.16	0.14	
	0.30		0.49	0.42	0.36	0.32	0.26	0.22	0.19	0.16	0.13	
	0.20		0.43	0.37	0.33	0.29	0.25	0.21	0.18	0.15	0.13	
0.00	0.00	0.00	0.29	0.25	0.21	0.19	0.16	0.13	0.12	0.09	0.08	
<p>Rating:34W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.23	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.30
	0.30		0.18	0.20	0.22	0.23	0.24	0.26	0.26	0.28	0.29
	0.20		0.15	0.17	0.18	0.20	0.22	0.23	0.24	0.26	0.27
0.50	0.50	0.20	0.22	0.24	0.25	0.26	0.27	0.27	0.28	0.29	0.29
	0.30		0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.27	0.27
	0.20		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.25	0.26
0.30	0.50	0.20	0.21	0.23	0.24	0.25	0.26	0.26	0.27	0.28	0.28
	0.30		0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.26
	0.20		0.15	0.16	0.18	0.19	0.21	0.22	0.23	0.24	0.25
0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<p>Rating:34W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>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	3261.8	3.1	3.1	0.14	0.14
1.0-2.0	3255.9	9.3	12.5	0.42	0.56
2.0-3.0	3242.3	15.5	28.0	0.70	1.26
3.0-4.0	3220.9	21.6	49.5	0.97	2.23
4.0-5.0	3191.5	27.5	77.0	1.24	3.47
5.0-6.0	3153.8	33.1	110.1	1.49	4.96
6.0-7.0	3108.0	38.6	148.7	1.74	6.70
7.0-8.0	3054.1	43.7	192.4	1.97	8.67
8.0-9.0	2992.6	48.5	241.0	2.19	10.86
9.0-10.0	2922.3	52.9	293.8	2.38	13.25
10.0-11.0	2843.4	56.8	350.7	2.56	15.81
11.0-12.0	2756.5	60.3	410.9	2.72	18.52
12.0-13.0	2661.5	63.2	474.1	2.85	21.37
13.0-14.0	2558.5	65.5	539.6	2.95	24.32
14.0-15.0	2449.4	67.3	606.9	3.03	27.35
15.0-16.0	2334.5	68.4	675.3	3.08	30.44
16.0-17.0	2211.8	68.9	744.2	3.11	33.54
17.0-18.0	2081.6	68.6	812.8	3.09	36.64
18.0-19.0	1946.3	67.7	880.5	3.05	39.69
19.0-20.0	1807.5	66.2	946.7	2.98	42.67
20.0-21.0	1665.0	63.9	1010.6	2.88	45.55
21.0-22.0	1522.3	61.2	1071.8	2.76	48.31
22.0-23.0	1383.6	58.1	1129.9	2.62	50.93
23.0-24.0	1247.8	54.6	1184.4	2.46	53.39
24.0-25.0	1116.1	50.8	1235.2	2.29	55.68
25.0-26.0	991.9	46.8	1282.0	2.11	57.79
26.0-27.0	874.8	42.8	1324.8	1.93	59.72
27.0-28.0	767.1	38.8	1363.7	1.75	61.47
28.0-29.0	668.3	35.0	1398.6	1.58	63.04
29.0-30.0	578.9	31.3	1429.9	1.41	64.45
30.0-31.0	498.5	27.7	1457.6	1.25	65.70
31.0-32.0	425.7	24.4	1482.0	1.10	66.80
32.0-33.0	361.4	21.3	1503.3	0.96	67.76
33.0-34.0	307.4	18.6	1521.9	0.84	68.60
34.0-35.0	262.4	16.3	1538.2	0.73	69.34
35.0-36.0	224.5	14.3	1552.5	0.64	69.98

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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	193.9	12.7	1565.2	0.57	70.55
37.0-38.0	170.3	11.4	1576.5	0.51	71.06
38.0-39.0	152.2	10.4	1586.9	0.47	71.53
39.0-40.0	139.2	9.7	1596.6	0.44	71.97
40.0-41.0	130.2	9.3	1605.9	0.42	72.39
41.0-42.0	124.3	9.0	1615.0	0.41	72.79
42.0-43.0	120.2	8.9	1623.9	0.40	73.20
43.0-44.0	117.5	8.9	1632.7	0.40	73.60
44.0-45.0	115.4	8.9	1641.6	0.40	74.00
45.0-46.0	113.4	8.9	1650.5	0.40	74.40
46.0-47.0	111.8	8.9	1659.4	0.40	74.80
47.0-48.0	110.6	8.9	1668.3	0.40	75.20
48.0-49.0	109.8	9.0	1677.3	0.41	75.61
49.0-50.0	108.8	9.1	1686.4	0.41	76.01
50.0-51.0	108.1	9.1	1695.5	0.41	76.43
51.0-52.0	107.4	9.2	1704.8	0.42	76.84
52.0-53.0	106.7	9.3	1714.0	0.42	77.26
53.0-54.0	106.1	9.4	1723.4	0.42	77.68
54.0-55.0	105.7	9.4	1732.8	0.43	78.11
55.0-56.0	105.6	9.5	1742.4	0.43	78.54
56.0-57.0	105.5	9.7	1752.0	0.43	78.97
57.0-58.0	105.5	9.8	1761.8	0.44	79.41
58.0-59.0	105.1	9.8	1771.6	0.44	79.86
59.0-60.0	104.5	9.9	1781.5	0.45	80.30
60.0-61.0	104.4	10.0	1791.5	0.45	80.75
61.0-62.0	104.9	10.1	1801.6	0.46	81.21
62.0-63.0	103.9	10.1	1811.7	0.46	81.66
63.0-64.0	101.9	10.0	1821.7	0.45	82.11
64.0-65.0	99.7	9.9	1831.5	0.44	82.56
65.0-66.0	96.7	9.6	1841.2	0.43	82.99
66.0-67.0	93.9	9.4	1850.6	0.43	83.42
67.0-68.0	90.4	9.2	1859.8	0.41	83.83
68.0-69.0	86.1	8.8	1868.6	0.40	84.23
69.0-70.0	81.6	8.4	1877.0	0.38	84.60
70.0-71.0	78.1	8.1	1885.0	0.36	84.97
71.0-72.0	76.0	7.9	1892.9	0.36	85.32

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-1600
 Distance: 6.500 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	74.0	7.7	1900.7	0.35	85.67
73.0-74.0	72.0	7.6	1908.3	0.34	86.02
74.0-75.0	70.2	7.4	1915.7	0.33	86.35
75.0-76.0	68.2	7.2	1922.9	0.33	86.68
76.0-77.0	65.4	7.0	1929.9	0.31	86.99
77.0-78.0	63.1	6.8	1936.6	0.30	87.29
78.0-79.0	61.7	6.6	1943.3	0.30	87.59
79.0-80.0	59.8	6.5	1949.7	0.29	87.88
80.0-81.0	58.1	6.3	1956.0	0.28	88.17
81.0-82.0	55.9	6.1	1962.1	0.27	88.44
82.0-83.0	53.7	5.8	1967.9	0.26	88.70
83.0-84.0	52.3	5.7	1973.6	0.26	88.96
84.0-85.0	50.8	5.5	1979.1	0.25	89.21
85.0-86.0	49.3	5.4	1984.5	0.24	89.45
86.0-87.0	47.2	5.2	1989.7	0.23	89.69
87.0-88.0	45.2	5.0	1994.6	0.22	89.91
88.0-89.0	43.3	4.8	1999.4	0.21	90.12
89.0-90.0	41.2	4.5	2003.9	0.20	90.33
90.0-91.0	39.8	4.4	2008.3	0.20	90.52
91.0-92.0	39.3	4.3	2012.6	0.19	90.72
92.0-93.0	38.6	4.2	2016.8	0.19	90.91
93.0-94.0	37.8	4.1	2021.0	0.19	91.09
94.0-95.0	38.0	4.2	2025.1	0.19	91.28
95.0-96.0	38.7	4.2	2029.3	0.19	91.47
96.0-97.0	38.7	4.2	2033.5	0.19	91.66
97.0-98.0	38.7	4.2	2037.7	0.19	91.85
98.0-99.0	39.2	4.3	2042.0	0.19	92.04
99.0-100.0	39.1	4.2	2046.2	0.19	92.23
100.0-101.0	38.7	4.2	2050.4	0.19	92.42
101.0-102.0	38.1	4.1	2054.5	0.18	92.61
102.0-103.0	37.7	4.0	2058.5	0.18	92.79
103.0-104.0	37.3	4.0	2062.5	0.18	92.97
104.0-105.0	37.0	3.9	2066.4	0.18	93.15
105.0-106.0	37.1	3.9	2070.4	0.18	93.32
106.0-107.0	37.7	4.0	2074.3	0.18	93.50
107.0-108.0	37.6	3.9	2078.2	0.18	93.68

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-1600
 Distance: 6.500 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	36.5	3.8	2082.0	0.17	93.85
109.0-110.0	35.7	3.7	2085.7	0.17	94.02
110.0-111.0	35.4	3.6	2089.4	0.16	94.18
111.0-112.0	35.1	3.6	2093.0	0.16	94.34
112.0-113.0	35.1	3.6	2096.5	0.16	94.50
113.0-114.0	34.9	3.5	2100.0	0.16	94.66
114.0-115.0	34.6	3.4	2103.5	0.16	94.81
115.0-116.0	34.4	3.4	2106.9	0.15	94.97
116.0-117.0	34.6	3.4	2110.3	0.15	95.12
117.0-118.0	35.1	3.4	2113.7	0.15	95.28
118.0-119.0	35.5	3.4	2117.1	0.15	95.43
119.0-120.0	35.5	3.4	2120.5	0.15	95.58
120.0-121.0	35.5	3.4	2123.9	0.15	95.73
121.0-122.0	35.5	3.3	2127.2	0.15	95.88
122.0-123.0	35.5	3.3	2130.5	0.15	96.03
123.0-124.0	35.5	3.2	2133.7	0.15	96.18
124.0-125.0	35.5	3.2	2136.9	0.14	96.32
125.0-126.0	35.1	3.1	2140.0	0.14	96.46
126.0-127.0	34.7	3.1	2143.1	0.14	96.60
127.0-128.0	34.7	3.0	2146.1	0.14	96.74
128.0-129.0	34.5	3.0	2149.1	0.13	96.87
129.0-130.0	33.9	2.9	2151.9	0.13	97.00
130.0-131.0	33.6	2.8	2154.8	0.13	97.13
131.0-132.0	33.1	2.7	2157.5	0.12	97.25
132.0-133.0	32.8	2.6	2160.1	0.12	97.37
133.0-134.0	32.4	2.6	2162.7	0.12	97.48
134.0-135.0	32.1	2.5	2165.2	0.11	97.60
135.0-136.0	31.7	2.4	2167.6	0.11	97.71
136.0-137.0	31.4	2.4	2170.0	0.11	97.81
137.0-138.0	31.0	2.3	2172.3	0.10	97.92
138.0-139.0	30.4	2.2	2174.5	0.10	98.02
139.0-140.0	30.1	2.1	2176.7	0.10	98.11
140.0-141.0	29.9	2.1	2178.7	0.09	98.21
141.0-142.0	29.4	2.0	2180.8	0.09	98.30
142.0-143.0	29.0	1.9	2182.7	0.09	98.39
143.0-144.0	28.6	1.9	2184.6	0.08	98.47

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: GPM-1600
 Distance: 6.500 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	28.5	1.8	2186.4	0.08	98.55
145.0-146.0	28.4	1.8	2188.1	0.08	98.63
146.0-147.0	28.3	1.7	2189.8	0.08	98.71
147.0-148.0	28.2	1.7	2191.5	0.07	98.78
148.0-149.0	28.1	1.6	2193.1	0.07	98.86
149.0-150.0	28.1	1.6	2194.7	0.07	98.93
150.0-151.0	28.1	1.5	2196.2	0.07	98.99
151.0-152.0	28.0	1.5	2197.7	0.07	99.06
152.0-153.0	27.8	1.4	2199.1	0.06	99.12
153.0-154.0	27.6	1.4	2200.4	0.06	99.18
154.0-155.0	27.5	1.3	2201.7	0.06	99.24
155.0-156.0	27.3	1.2	2203.0	0.06	99.30
156.0-157.0	27.1	1.2	2204.1	0.05	99.35
157.0-158.0	27.0	1.1	2205.3	0.05	99.40
158.0-159.0	26.9	1.1	2206.4	0.05	99.45
159.0-160.0	26.8	1.0	2207.4	0.05	99.50
160.0-161.0	26.8	1.0	2208.4	0.04	99.54
161.0-162.0	27.1	0.9	2209.3	0.04	99.59
162.0-163.0	27.4	0.9	2210.2	0.04	99.63
163.0-164.0	27.8	0.9	2211.1	0.04	99.67
164.0-165.0	28.3	0.8	2211.9	0.04	99.70
165.0-166.0	28.8	0.8	2212.7	0.04	99.74
166.0-167.0	29.3	0.8	2213.5	0.03	99.77
167.0-168.0	29.9	0.7	2214.2	0.03	99.80
168.0-169.0	30.3	0.7	2214.8	0.03	99.83
169.0-170.0	30.7	0.6	2215.4	0.03	99.86
170.0-171.0	31.2	0.6	2216.0	0.03	99.89
171.0-172.0	31.7	0.5	2216.5	0.02	99.91
172.0-173.0	32.0	0.5	2217.0	0.02	99.93
173.0-174.0	32.3	0.4	2217.4	0.02	99.95
174.0-175.0	32.6	0.3	2217.7	0.02	99.96
175.0-176.0	33.0	0.3	2218.0	0.01	99.98
176.0-177.0	33.2	0.2	2218.2	0.01	99.99
177.0-178.0	33.3	0.2	2218.4	0.01	99.99
178.0-179.0	33.4	0.1	2218.5	0.00	100.00
179.0-180.0	33.5	0.0	2218.5	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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	3267.0	3258.7	3267.0	3258.7	3267.0					
G1.0	3264.1	3296.6	3264.6	3217.5	3264.1					
G2.0	3256.5	3323.4	3254.7	3169.7	3256.5					
G3.0	3237.3	3345.7	3239.4	3111.9	3237.3					
G4.0	3214.2	3364.1	3217.9	3036.6	3214.2					
G5.0	3178.4	3377.5	3193.8	2949.8	3178.4					
G6.0	3132.0	3390.5	3160.8	2847.9	3132.0					
G7.0	3079.4	3402.8	3120.9	2729.8	3079.4					
G8.0	3014.3	3408.9	3073.6	2602.9	3014.3					
G9.0	2941.9	3411.1	3019.7	2468.1	2941.9					
G10.0	2852.1	3409.7	2952.2	2323.4	2852.1					
G11.0	2757.3	3401.5	2880.2	2171.1	2757.3					
G12.0	2654.6	3386.6	2792.2	2008.4	2654.6					
G13.0	2537.5	3365.1	2699.9	1848.0	2537.5					
G14.0	2414.5	3328.6	2593.0	1681.4	2414.5					
G15.0	2286.3	3288.3	2474.3	1528.7	2286.3					
G16.0	2151.6	3233.1	2353.9	1359.8	2151.6					
G17.0	1999.7	3165.5	2229.8	1200.9	1999.7					
G18.0	1838.7	3083.7	2089.3	1045.1	1838.7					
G19.0	1682.8	2981.4	1948.5	901.0	1682.8					
G20.0	1525.1	2867.4	1802.3	751.2	1525.1					
G21.0	1363.6	2730.8	1654.4	625.4	1363.6					
G22.0	1208.4	2583.9	1507.4	504.4	1208.4					
G23.0	1062.8	2435.8	1356.8	409.0	1062.8					
G24.0	918.0	2271.7	1206.1	322.3	918.0					
G25.0	784.1	2109.8	1061.2	256.0	784.1					
G26.0	652.7	1939.2	926.4	205.9	652.7					
G27.0	541.4	1775.8	784.7	172.5	541.4					
G28.0	439.4	1605.3	665.4	152.1	439.4					
G29.0	360.4	1432.5	554.4	137.3	360.4					
G30.0	294.0	1268.3	455.1	129.2	294.0					
G31.0	242.3	1104.5	370.8	124.0	242.3					
G32.0	200.5	939.8	303.1	120.5	200.5					
G33.0	170.2	789.5	249.6	118.2	170.2					
G34.0	151.3	655.8	208.3	116.4	151.3					
G35.0	138.7	536.8	177.5	114.9	138.7					
G36.0	130.1	426.1	158.1	114.0	130.1					

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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	125.3	341.8	143.1	113.0	125.3					
G38.0	122.0	275.7	129.3	111.9	122.0					
G39.0	119.5	226.9	120.9	111.3	119.5					
G40.0	117.5	190.3	116.9	110.2	117.5					
G41.0	116.0	166.7	113.6	110.5	116.0					
G42.0	115.2	150.8	111.6	109.9	115.2					
G43.0	114.2	140.3	109.9	109.7	114.2					
G44.0	114.8	133.6	108.3	109.3	114.8					
G45.0	114.1	127.8	107.5	107.5	114.1					
G46.0	114.6	123.5	106.8	105.8	114.6					
G47.0	112.1	120.9	105.7	105.1	112.1					
G48.0	111.1	119.1	106.1	104.8	111.1					
G49.0	109.8	117.7	105.2	104.6	109.8					
G50.0	109.1	116.6	102.9	104.7	109.1					
G51.0	108.3	117.5	100.9	104.6	108.3					
G52.0	108.3	116.2	99.6	104.3	108.3					
G53.0	108.3	114.3	98.8	104.1	108.3					
G54.0	108.2	113.4	98.2	103.8	108.2					
G55.0	108.3	113.0	97.7	103.2	108.3					
G56.0	108.3	113.1	98.0	102.9	108.3					
G57.0	108.2	111.2	97.8	104.8	108.2					
G58.0	108.9	110.5	97.8	105.2	108.9					
G59.0	107.8	110.1	98.3	102.5	107.8					
G60.0	107.7	109.3	98.5	101.8	107.7					
G61.0	110.2	108.8	99.2	99.6	110.2					
G62.0	109.9	108.3	107.6	95.7	109.9					
G63.0	107.2	108.1	102.7	91.8	107.2					
G64.0	105.5	107.9	103.4	88.4	105.5					
G65.0	103.0	107.6	101.8	79.8	103.0					
G66.0	99.1	107.1	101.2	73.9	99.1					
G67.0	94.8	106.7	99.3	69.4	94.8					
G68.0	83.6	106.5	95.4	67.7	83.6					
G69.0	75.5	106.0	87.7	66.6	75.5					
G70.0	68.5	104.7	78.1	65.8	68.5					
G71.0	65.5	103.1	74.4	64.9	65.5					
G72.0	64.4	101.0	70.6	64.4	64.4					
G73.0	63.6	98.1	65.7	64.4	63.6					

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-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	63.2	94.0	62.2	64.6	63.2					
G75.0	62.8	89.4	60.9	64.5	62.8					
G76.0	62.8	85.6	58.8	60.8	62.8					
G77.0	63.1	81.4	57.9	52.7	63.1					
G78.0	62.4	79.5	57.7	50.2	62.4					
G79.0	59.9	77.8	57.7	48.1	59.9					
G80.0	54.5	76.3	57.4	46.9	54.5					
G81.0	51.6	74.8	57.3	45.6	51.6					
G82.0	44.9	72.7	56.5	43.5	44.9					
G83.0	42.8	72.5	55.4	41.0	42.8					
G84.0	40.0	72.5	54.6	39.8	40.0					
G85.0	34.9	70.4	51.7	42.9	34.9					
G86.0	33.4	68.6	48.5	44.0	33.4					
G87.0	29.4	67.6	41.1	45.1	29.4					
G88.0	29.3	64.6	39.9	44.6	29.3					
G89.0	29.1	57.1	38.3	43.8	29.1					
G90.0	28.9	54.3	34.5	43.3	28.9					
G91.0	30.1	52.6	31.2	43.6	30.1					
G92.0	32.5	50.7	30.0	43.7	32.5					
G93.0	34.0	48.5	25.8	43.6	34.0					
G94.0	34.7	46.9	25.3	43.7	34.7					
G95.0	37.6	46.6	24.9	44.2	37.6					
G96.0	37.5	46.3	26.7	45.6	37.5					
G97.0	38.5	41.0	27.3	46.3	38.5					
G98.0	40.7	42.8	27.8	45.4	40.7					
G99.0	41.8	42.7	27.6	44.8	41.8					
G100.0	41.8	42.9	26.3	45.4	41.8					
G101.0	40.6	41.5	27.5	43.9	40.6					
G102.0	40.7	39.7	28.7	42.0	40.7					
G103.0	38.7	41.8	29.8	40.2	38.7					
G104.0	39.5	39.8	31.1	37.8	39.5					
G105.0	40.4	39.3	31.7	36.2	40.4					
G106.0	40.4	41.2	31.7	35.6	40.4					
G107.0	39.8	41.3	35.8	35.6	39.8					
G108.0	38.6	40.3	34.2	34.9	38.6					
G109.0	38.1	37.8	32.3	35.6	38.1					
G110.0	37.8	37.6	31.1	35.5	37.8					

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: GPM-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	37.6	36.7	30.3	36.2	37.6					
G112.0	37.5	35.6	30.3	36.9	37.5					
G113.0	37.3	34.9	30.6	37.9	37.3					
G114.0	36.3	34.2	30.1	38.1	36.3					
G115.0	36.5	33.8	29.5	38.1	36.5					
G116.0	37.1	33.2	29.5	37.8	37.1					
G117.0	38.1	32.4	30.7	37.6	38.1					
G118.0	38.7	34.0	31.4	37.8	38.7					
G119.0	38.4	34.0	32.5	37.4	38.4					
G120.0	38.3	34.2	32.3	37.3	38.3					
G121.0	38.0	34.2	32.3	37.2	38.0					
G122.0	37.9	34.2	32.5	37.4	37.9					
G123.0	37.6	34.2	32.5	37.3	37.6					
G124.0	37.3	34.2	33.9	37.0	37.3					
G125.0	36.7	34.5	33.5	36.7	36.7					
G126.0	34.7	34.8	33.6	36.4	34.7					
G127.0	34.0	34.7	33.5	36.2	34.0					
G128.0	33.2	34.7	36.0	35.6	33.2					
G129.0	32.6	34.9	36.2	32.3	32.6					
G130.0	32.5	35.2	37.6	30.2	32.5					
G131.0	32.0	35.0	36.8	29.6	32.0					
G132.0	31.6	35.1	35.4	29.2	31.6					
G133.0	31.8	35.0	34.9	28.9	31.8					
G134.0	31.7	34.9	33.9	28.5	31.7					
G135.0	31.4	35.0	32.9	28.1	31.4					
G136.0	31.2	34.9	32.3	27.9	31.2					
G137.0	31.0	34.8	31.5	27.6	31.0					
G138.0	30.6	34.5	30.5	27.5	30.6					
G139.0	28.9	34.2	29.5	27.7	28.9					
G140.0	29.2	33.7	28.9	28.9	29.2					
G141.0	28.9	32.4	28.4	28.6	28.9					
G142.0	28.8	31.9	27.8	28.2	28.8					
G143.0	28.6	31.4	27.1	27.9	28.6					
G144.0	28.2	31.5	26.4	28.0	28.2					
G145.0	28.1	31.8	26.1	27.9	28.1					
G146.0	28.0	31.6	25.8	28.2	28.0					
G147.0	27.9	31.2	25.7	27.8	27.9					

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: GPM-1600
 Distance: 6.500 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	27.8	30.9	26.1	28.1	27.8					
G149.0	27.9	30.3	26.7	27.3	27.9					
G150.0	28.0	29.4	27.5	27.7	28.0					
G151.0	28.4	28.8	27.3	28.1	28.4					
G152.0	27.7	28.4	26.9	28.9	27.7					
G153.0	27.2	27.8	26.5	29.5	27.2					
G154.0	27.0	27.2	26.1	29.9	27.0					
G155.0	26.7	26.6	25.9	30.5	26.7					
G156.0	26.3	25.9	25.4	31.0	26.3					
G157.0	26.2	25.3	24.9	31.7	26.2					
G158.0	26.1	24.6	24.6	32.2	26.1					
G159.0	26.3	24.3	24.5	32.7	26.3					
G160.0	26.4	22.5	24.5	33.3	26.4					
G161.0	26.7	22.5	24.5	33.7	26.7					
G162.0	27.3	23.0	24.8	34.0	27.3					
G163.0	27.7	23.1	25.0	34.4	27.7					
G164.0	28.5	23.6	25.4	34.7	28.5					
G165.0	28.7	24.1	26.1	35.1	28.7					
G166.0	29.4	24.8	26.7	35.3	29.4					
G167.0	29.9	25.5	27.4	35.6	29.9					
G168.0	30.3	26.2	28.1	35.8	30.3					
G169.0	30.9	26.8	28.6	35.9	30.9					
G170.0	31.2	27.5	29.0	36.1	31.2					
G171.0	31.7	28.3	29.5	36.2	31.7					
G172.0	31.9	29.5	30.0	36.3	31.9					
G173.0	31.9	30.1	30.5	36.0	31.9					
G174.0	32.2	30.7	30.9	35.9	32.2					
G175.0	32.8	31.4	31.4	35.7	32.8					
G176.0	33.2	32.0	32.0	35.5	33.2					
G177.0	33.3	32.6	32.0	35.2	33.3					
G178.0	33.1	33.0	32.3	34.9	33.1					
G179.0	33.1	33.4	32.5	34.6	33.1					
G180.0	33.3	34.1	32.6	34.3	33.3					

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-1600
 Distance: 6.500 m
 Humidity:
 Inspector: