

Report No.:

Test Time: 2023-06-02 16:25

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 36

Current: 0.272 A

Power Factor: 0.569

Voltage: 228.1 V

Power: 35.48 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3434 lm

Downward Ratio: 96%

Field Angle: H160.3 V169.2

Luminaire Efficacy Rating (LER): 97

Max. Intensity: 1154.7 cd

Total Rated Lamp Lumens: 3434.0 lm

Efficiency: 100%

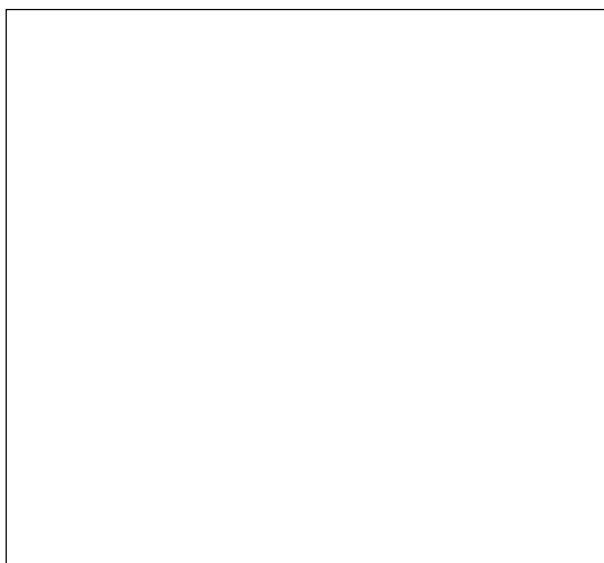
Upward Ratio: 4%

Beam Angle: H108.1 V116.2

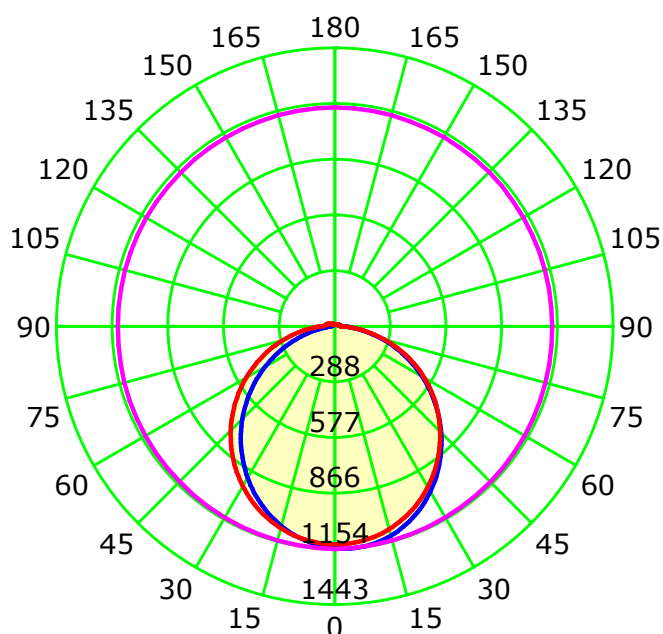
Central Intensity: 1150.22 cd

Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 112.2° Unit: cd

— C0-C180 — C90-C270 — G5

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

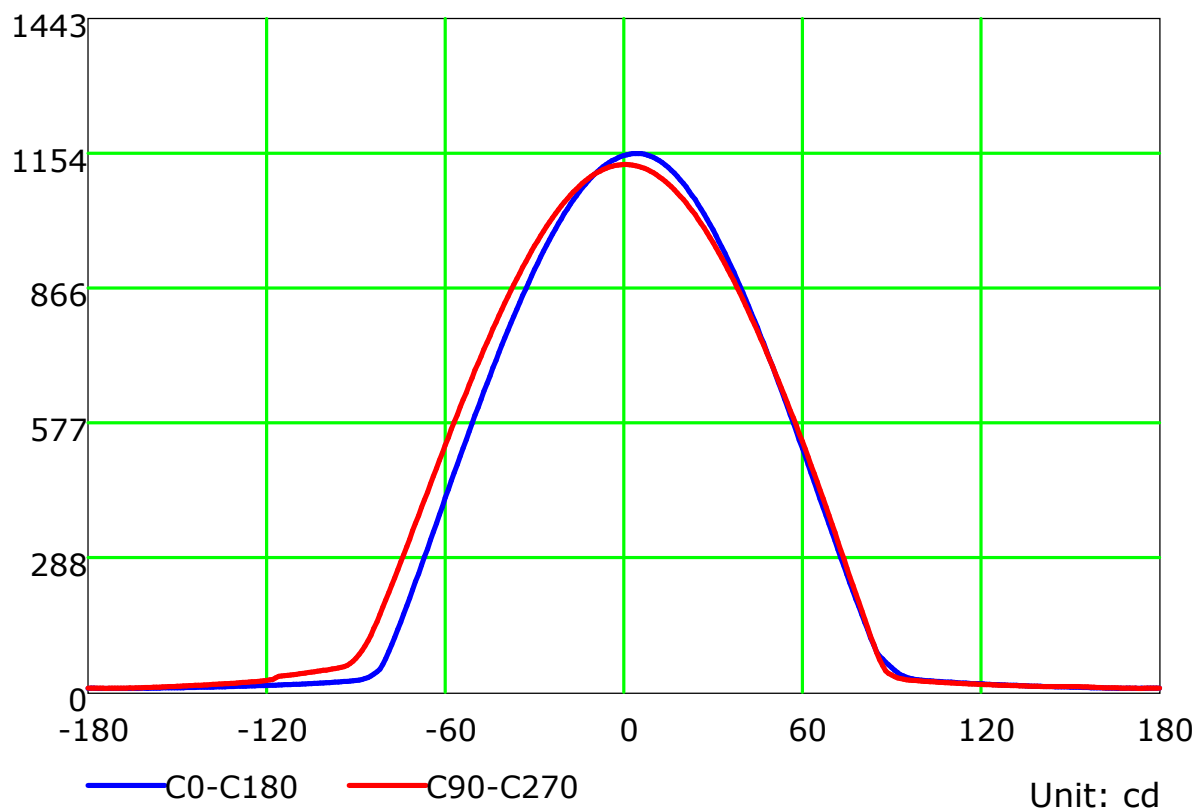
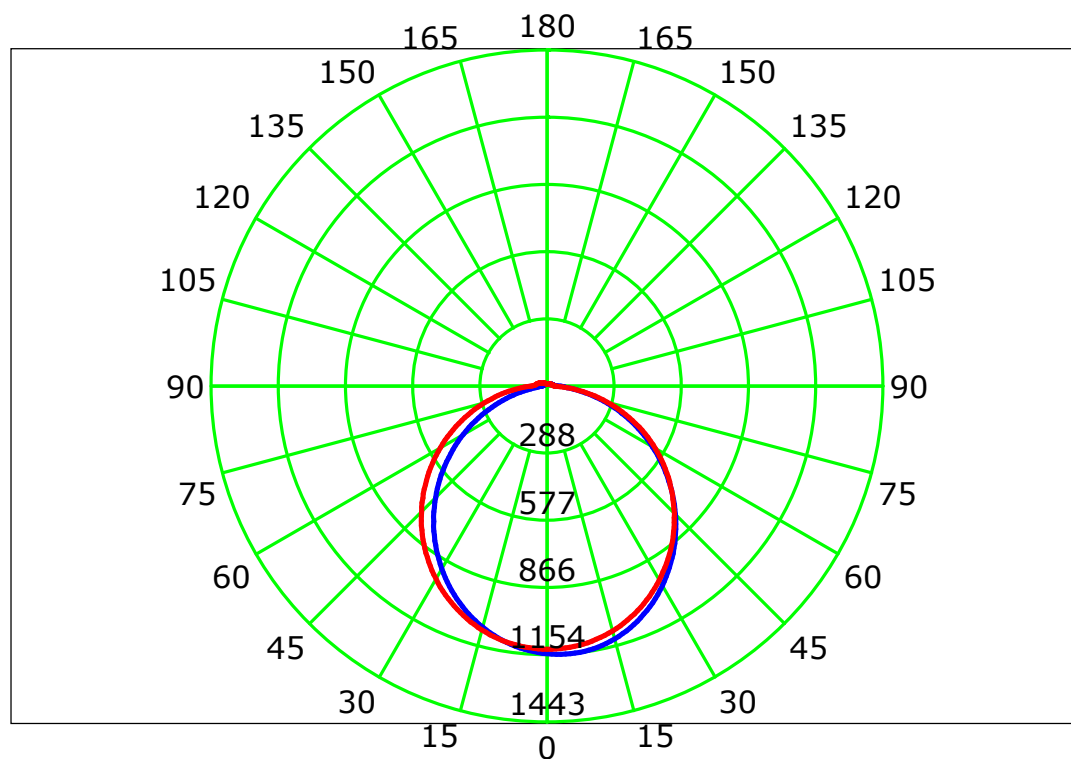
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve



Unit: 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

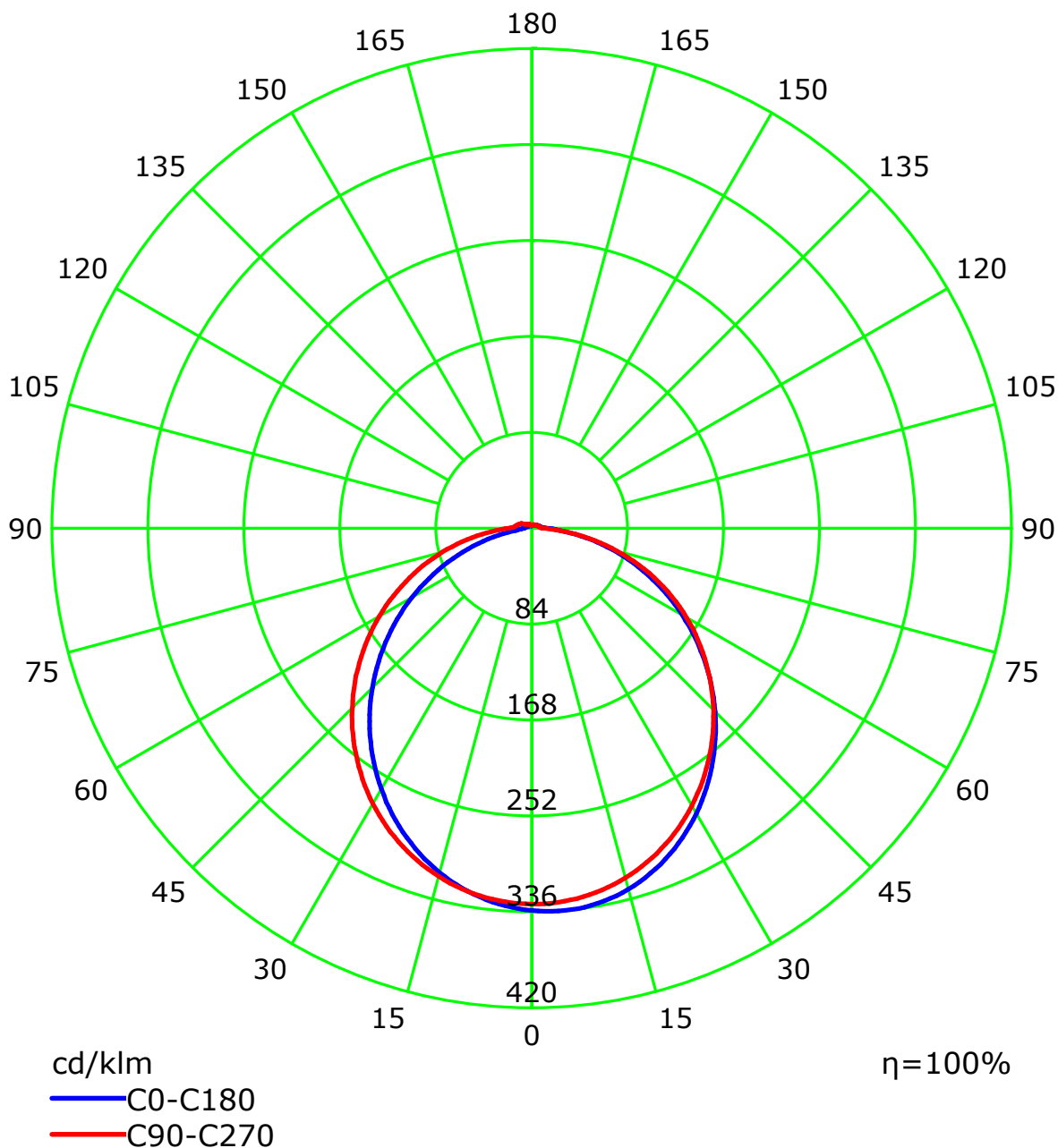
Test Device: GPM-1600

Distance: 10.144 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: 10.144 m

Humidity:

Inspector:

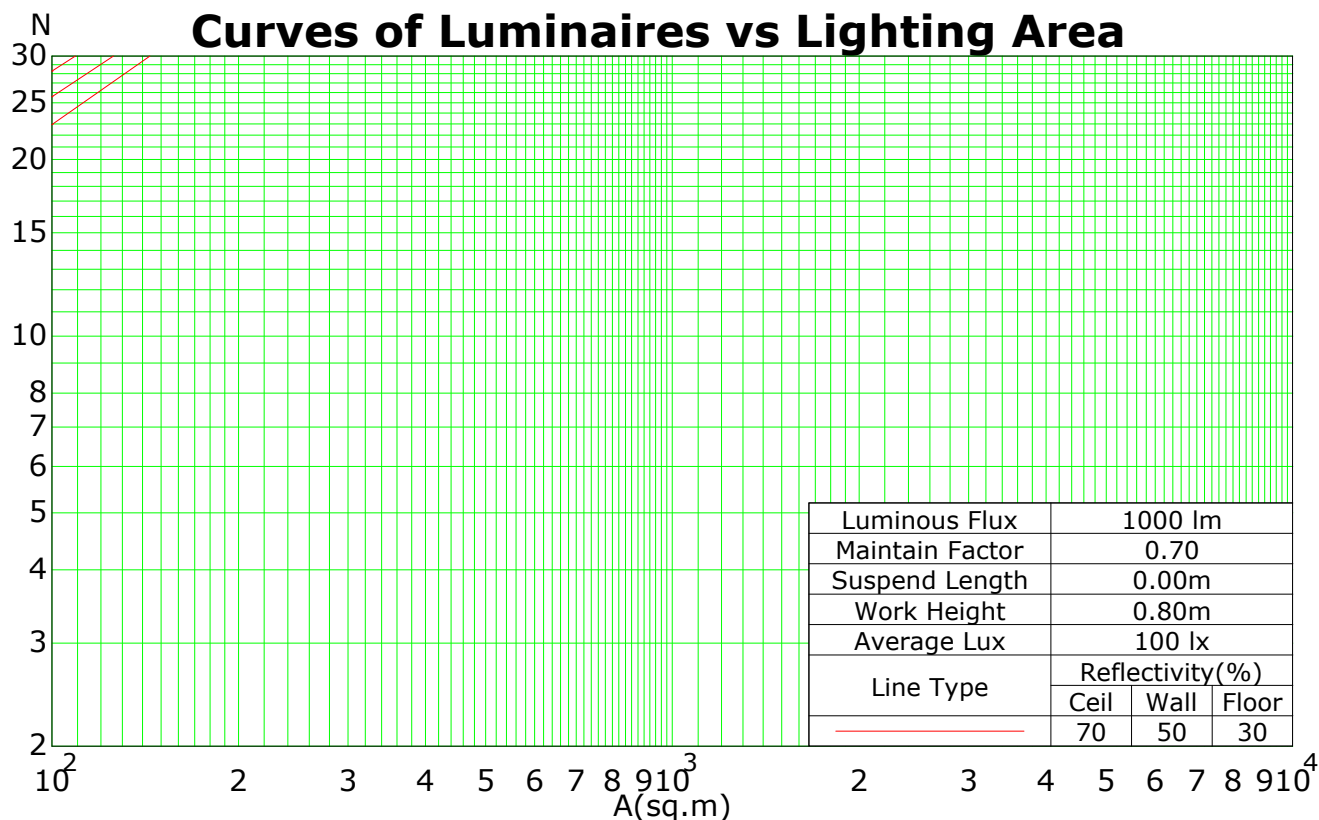
Coefficients Of Utilization - Zonal Cavity Method

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	107	102	98	94	104	100	96	92	95	91	88	90	87	85	86	84	82	79
2	97	89	82	76	94	87	80	75	82	77	72	79	74	70	75	71	68	66
3	89	78	70	63	86	76	68	62	72	66	61	69	64	59	66	61	57	55
4	81	69	60	53	78	67	59	53	64	57	51	62	55	50	59	54	49	47
5	75	62	52	46	72	60	52	45	58	50	44	55	49	44	53	47	43	41
6	69	55	46	40	67	54	46	39	52	44	39	50	43	38	48	42	38	35
7	64	50	41	35	62	49	41	35	47	40	34	45	39	34	44	38	33	31
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	40	34	30	28
9	55	42	34	28	54	41	33	28	40	33	28	38	32	27	37	31	27	25
10	52	39	31	25	50	38	30	25	37	30	25	36	29	25	34	29	24	23

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.26

Spacing Criteria (Diagonal): 1.36



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

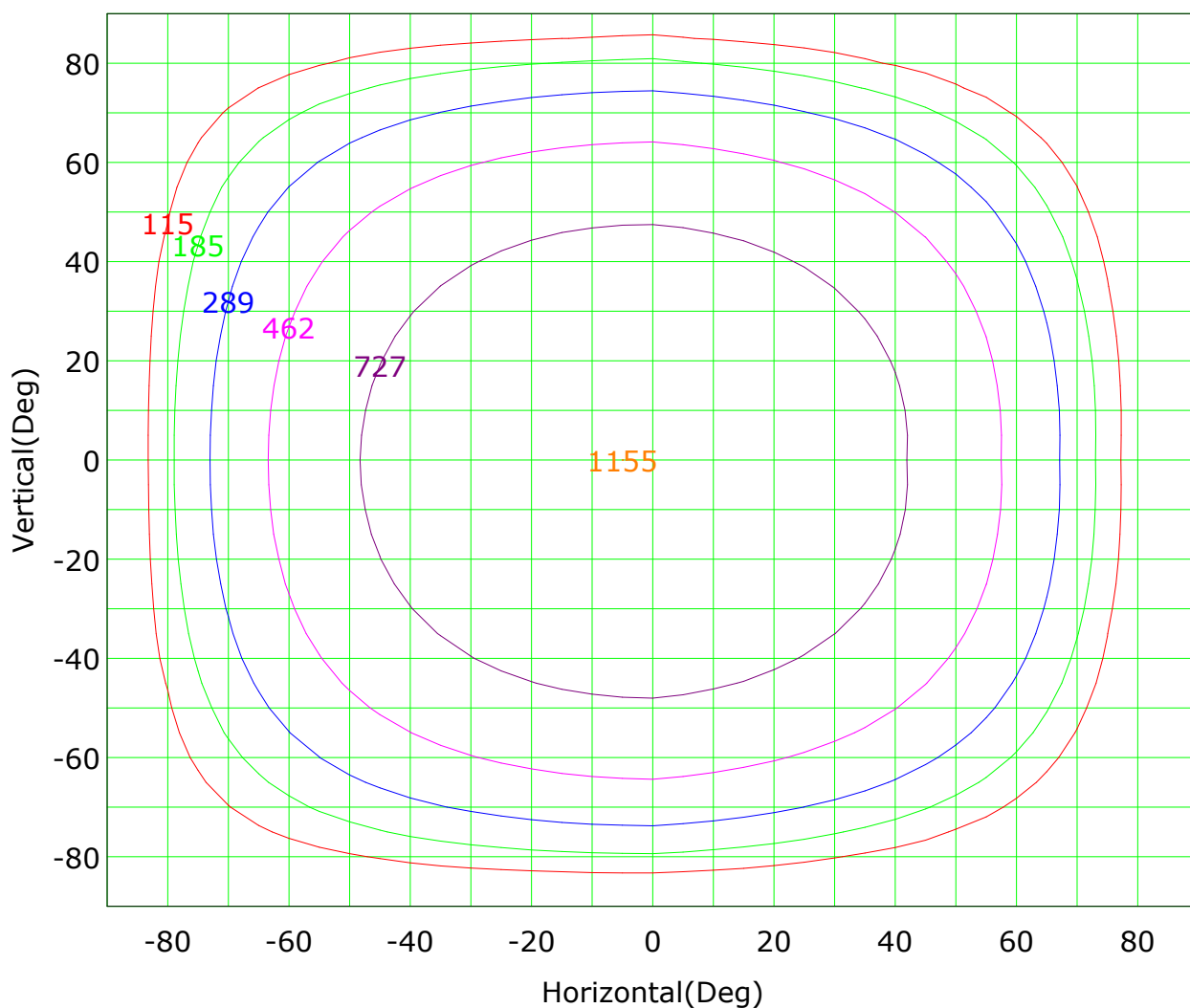
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 1155 cd

(10%): 115 cd	(16%): 185 cd
(25%): 289 cd	(40%): 462 cd
(63%): 727 cd	(100%): 1155 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

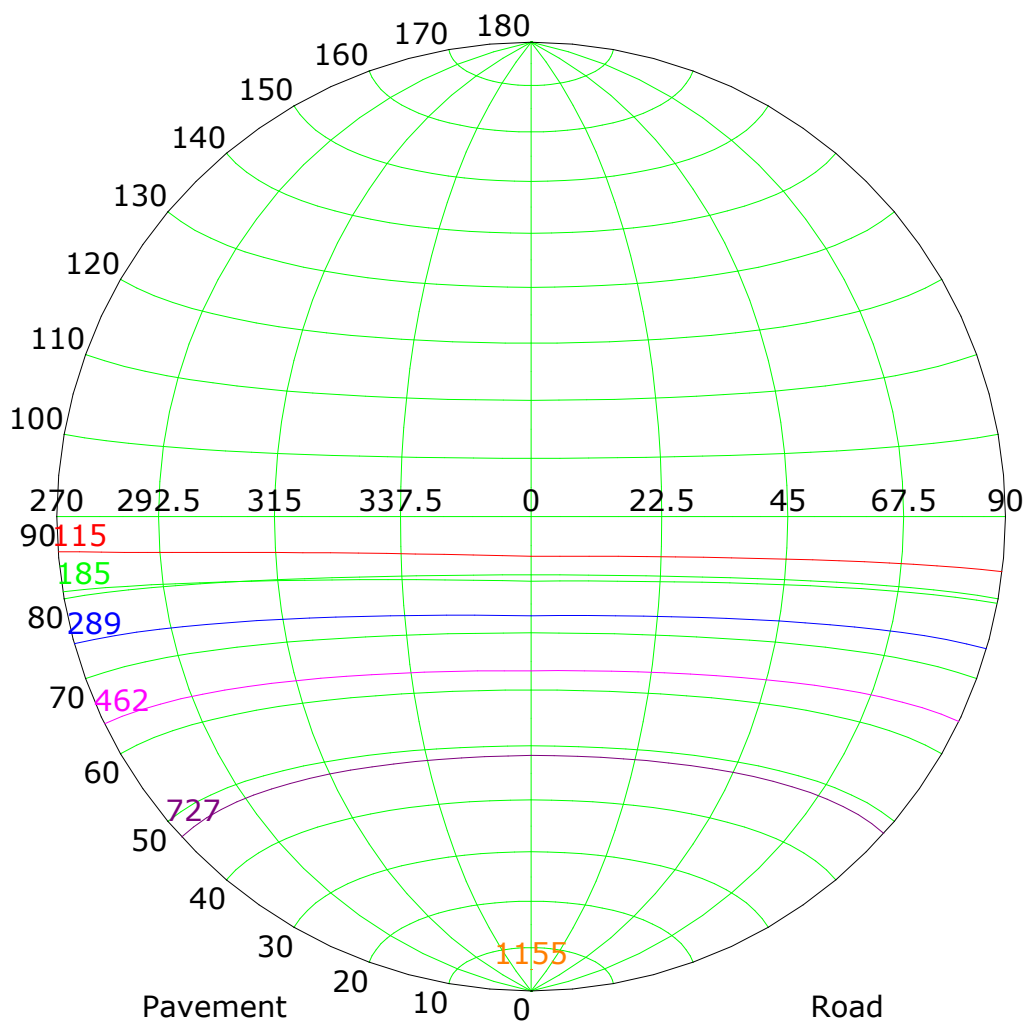
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 1155 cd

(10%): 115 cd
(25%): 289 cd
(63%): 727 cd

(16%): 185 cd
(40%): 462 cd
(100%): 1155 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

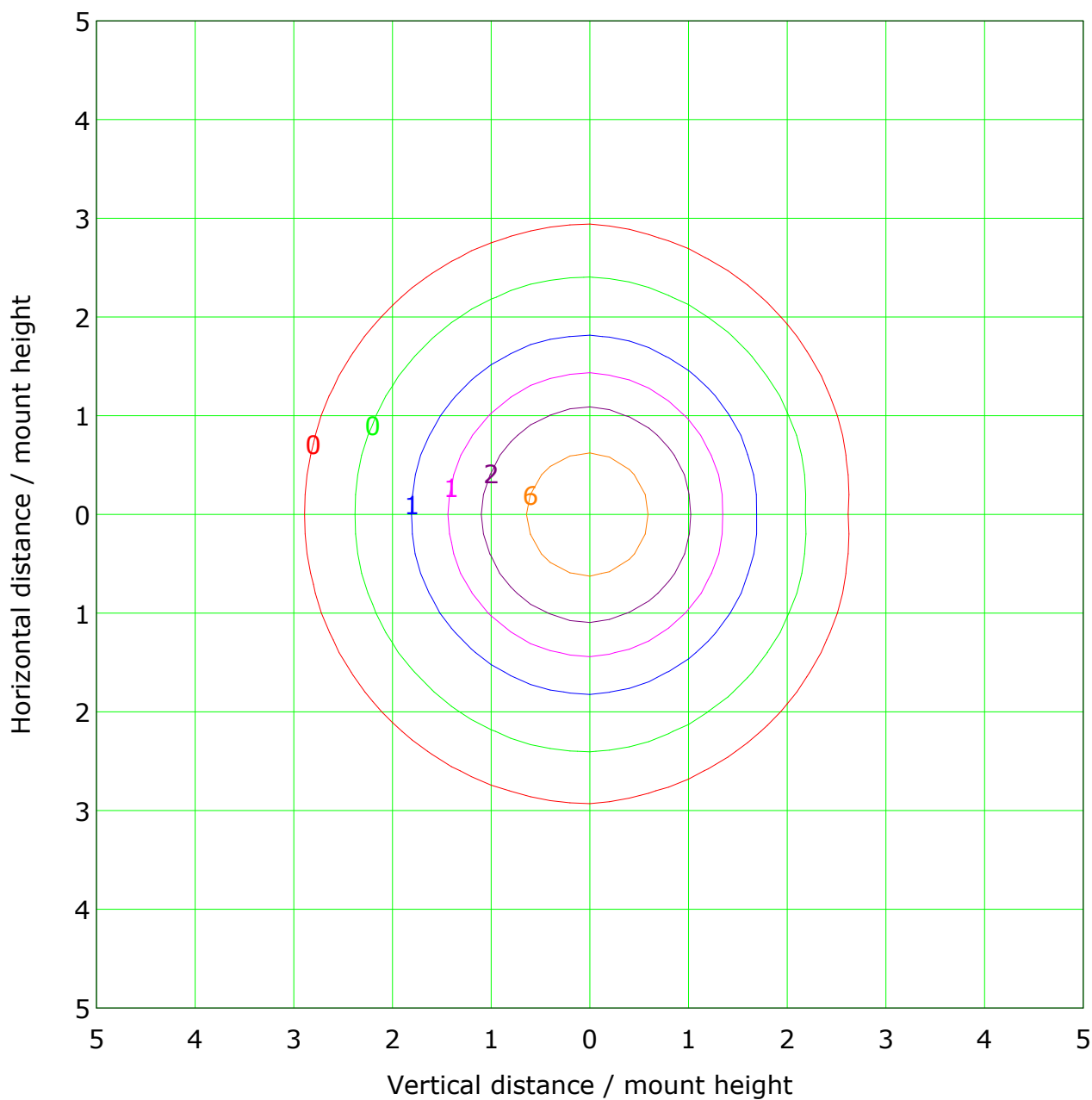
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 11.5 lx	
(1%):	0.1 lx	(2%):	0.2 lx
(5%):	0.6 lx	(10%):	1.2 lx
(20%):	2.3 lx	(50%):	5.8 lx
(100%):	11.5 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: GPM-1600

Distance: 10.144 m

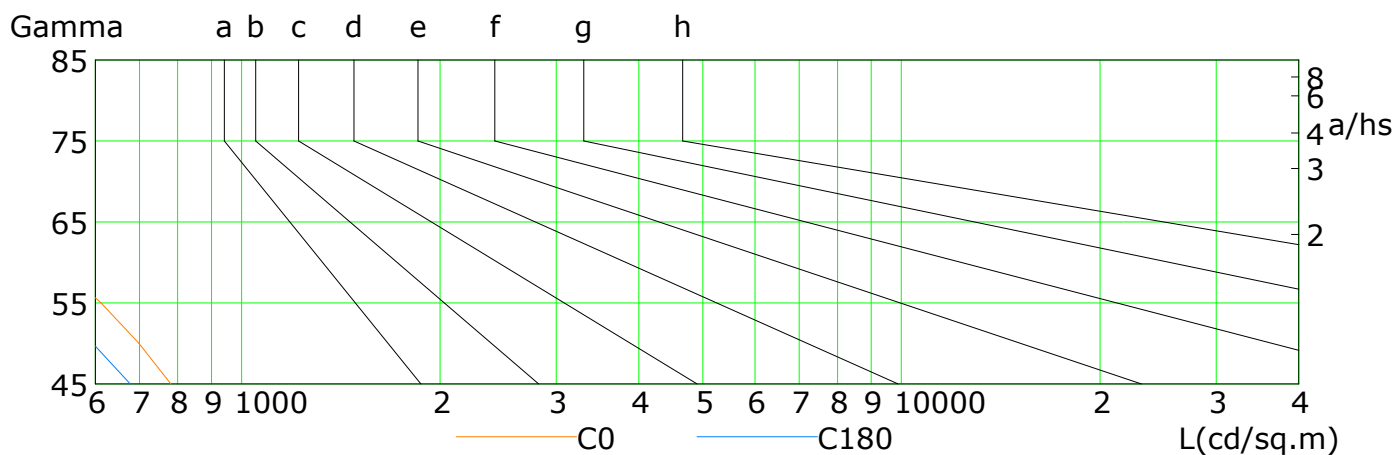
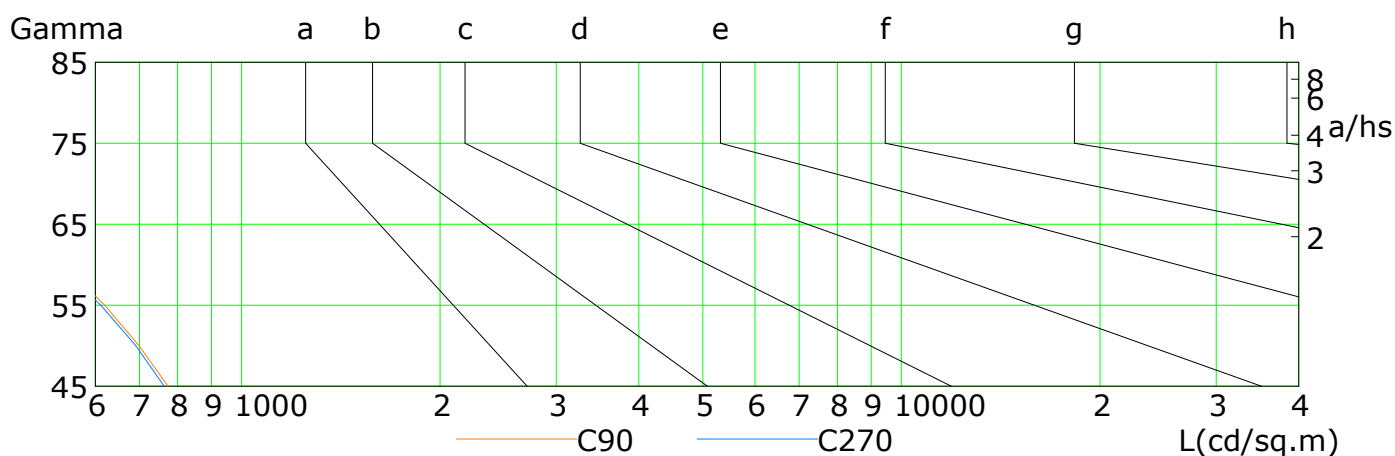
Humidity:

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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	781	699	613	524	433	342	253	166	87
C90	774	699	620	538	452	360	266	175	86
C180	678	594	507	417	327	237	151	72	35
C270	763	691	612	530	447	362	279	198	123

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

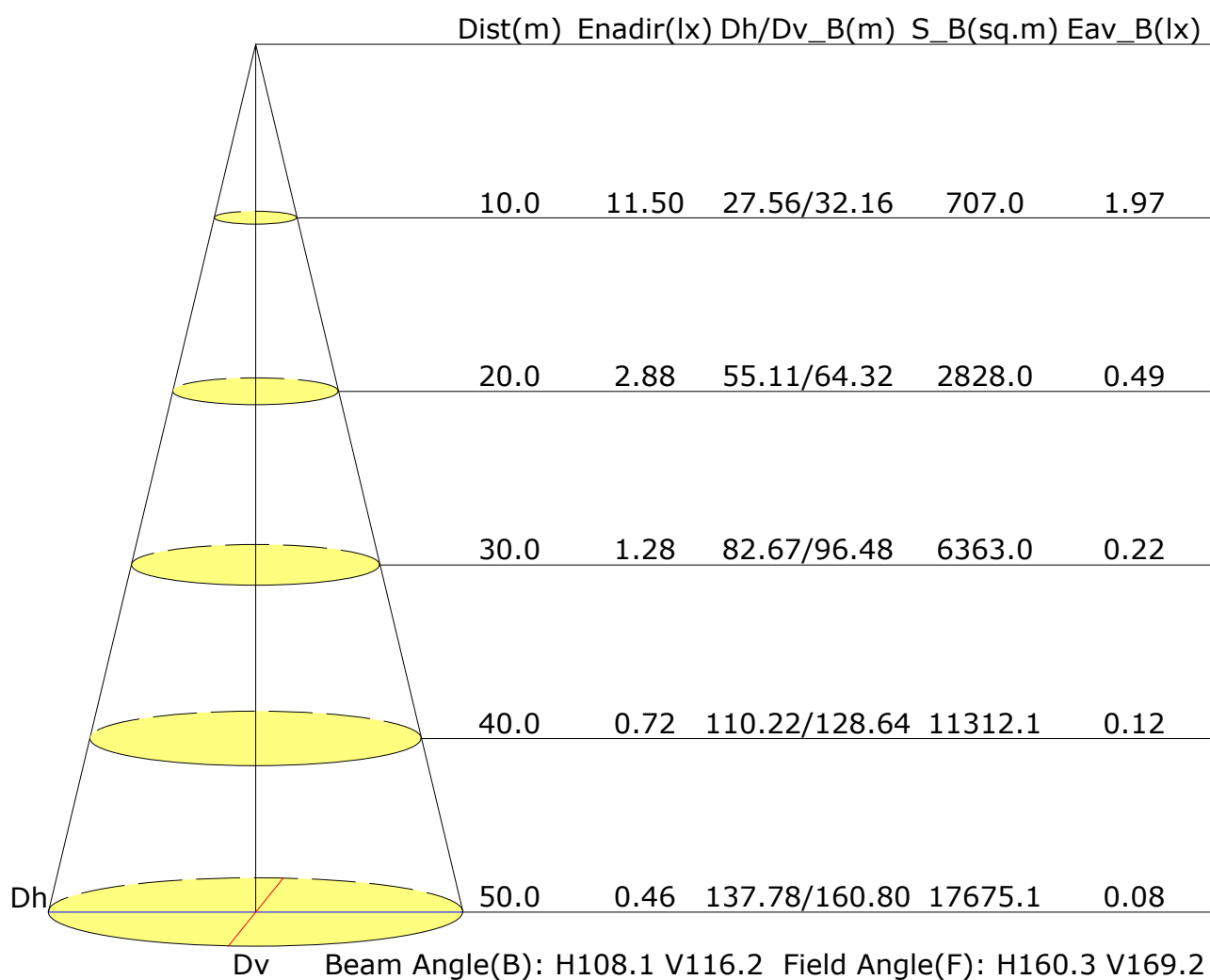
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

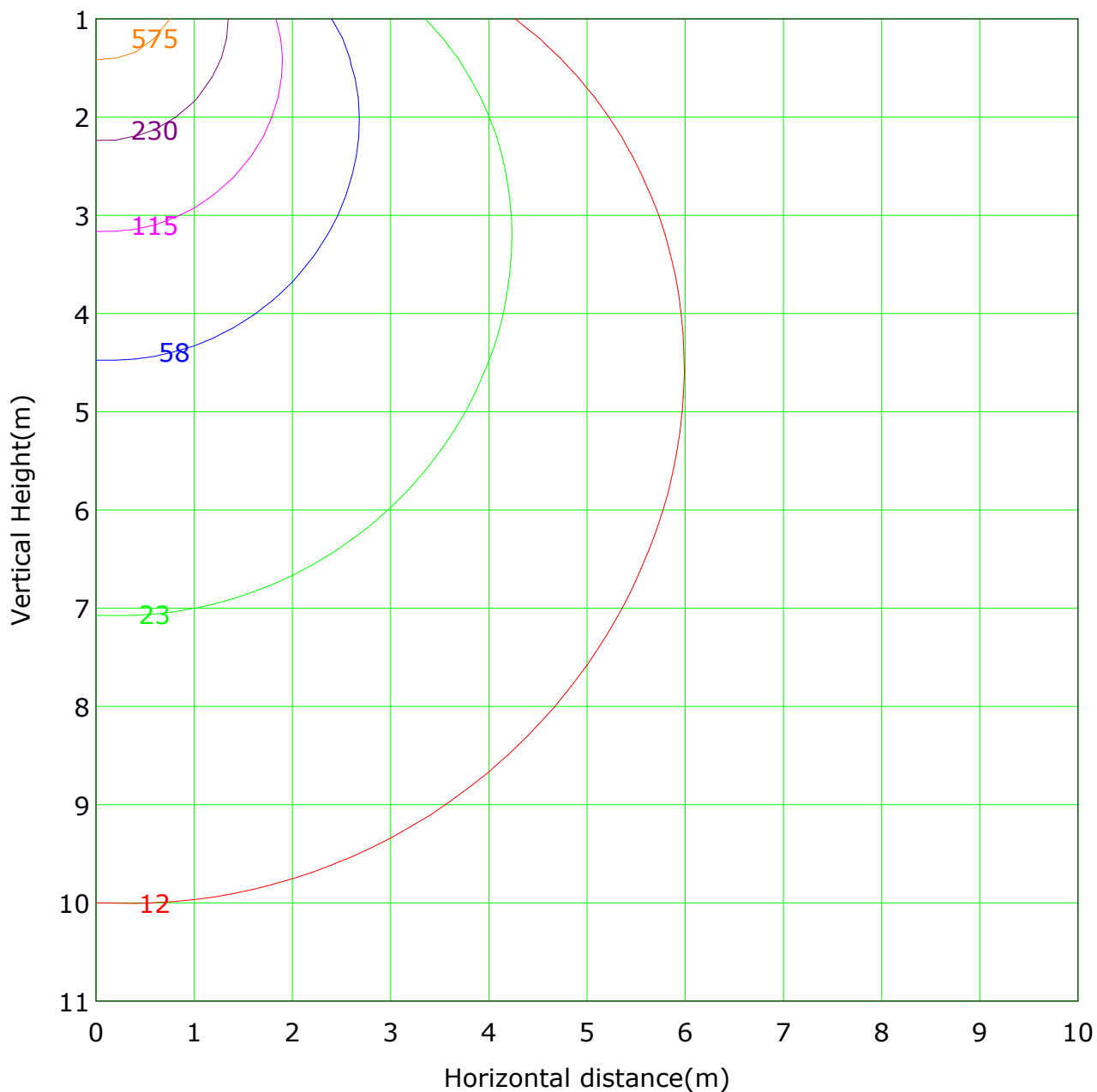
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1150.2 lx
 (1%): 11.5 lx (2%): 23.0 lx
 (5%): 57.5 lx (10%): 115.0 lx
 (20%): 230.0 lx (50%): 575.1 lx
 (100%):1150.2 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: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Area Flux Table

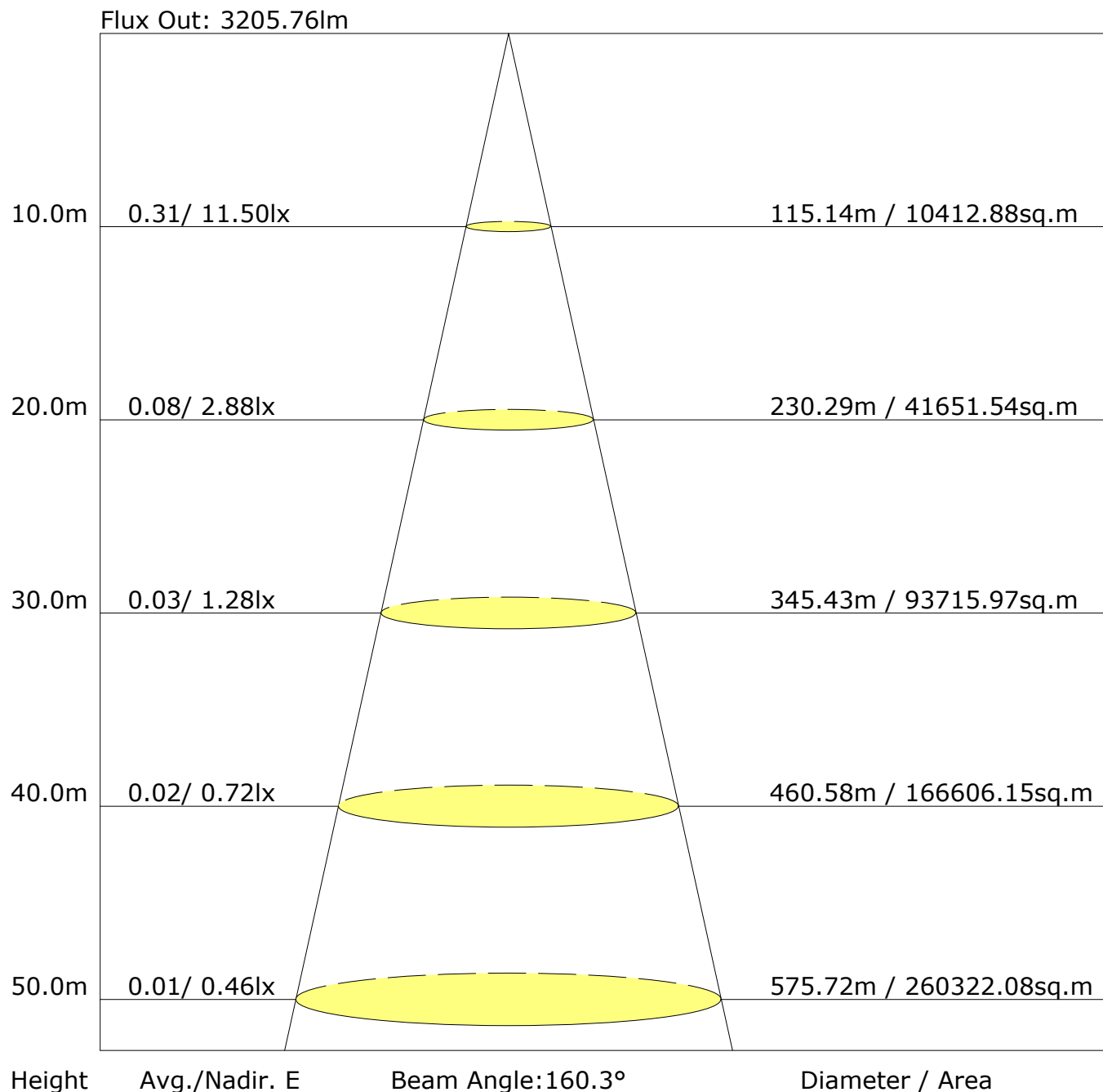
Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	1.8	14.2	47.0	98.5	162.8	231.9	296.7	348.2	379.1	383.6	361.5	316.7	256.0	187.7	121.2	64.6	24.6	4.2	3300
Flux(E)	0.0	8.5	42.7	94.4	159.0	228.3	293.4	345.3	376.3	380.8	358.8	313.9	253.1	184.7	118.1	61.4	21.2	1.3	3241
Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	0.1	0.3	0.6	1.0	1.5	2.1	2.7	3.3	3.7	3.8	3.5	3.1	2.6	2.0	1.4	0.9	0.5	0.2	33.3
	0.1	0.4	0.9	1.8	3.1	4.6	6.0	7.3	8.2	8.4	7.8	6.8	5.5	4.1	2.7	1.5	0.7	0.2	70.2
	0.1	0.5	1.4	3.2	5.4	7.8	10.1	12.0	13.2	13.4	12.6	11.0	8.9	6.6	4.3	2.3	0.9	0.2	114.1
	0.1	0.6	2.2	4.6	7.8	11.1	14.2	16.7	18.2	18.4	17.3	15.1	12.3	9.0	5.9	3.1	1.2	0.2	158.0
	0.1	0.8	2.8	6.0	9.9	14.1	17.9	21.0	22.8	23.1	21.7	19.0	15.4	11.3	7.3	3.9	1.5	0.2	198.9
	0.1	1.0	3.4	7.2	11.8	16.7	21.2	24.8	26.9	27.1	25.6	22.4	18.1	13.3	8.6	4.6	1.7	0.3	234.7
	0.1	1.1	3.9	8.1	13.3	18.8	23.9	27.9	30.2	30.5	28.8	25.2	20.4	14.9	9.6	5.1	1.9	0.3	263.8
	0.1	1.2	4.2	8.7	14.2	20.2	25.8	30.1	32.5	32.9	31.1	27.3	22.0	16.1	10.3	5.4	2.0	0.3	284.4
	0.1	1.3	4.3	8.9	14.6	20.8	26.6	31.3	33.9	34.3	32.6	28.5	22.9	16.7	10.7	5.6	2.1	0.3	295.6
	0.1	1.3	4.3	8.9	14.6	20.8	26.7	31.3	33.9	34.4	32.6	28.5	22.9	16.7	10.7	5.6	2.1	0.3	295.8
	0.1	1.2	4.2	8.7	14.3	20.2	25.8	30.2	32.6	33.0	31.2	27.4	22.1	16.1	10.3	5.4	2.0	0.3	285.2
	0.1	1.1	3.9	8.1	13.3	18.8	24.0	28.0	30.3	30.6	28.9	25.3	20.5	15.0	9.6	5.1	1.9	0.3	264.9
	0.1	1.0	3.4	7.2	11.9	16.8	21.4	25.0	27.1	27.3	25.7	22.6	18.2	13.4	8.6	4.5	1.7	0.3	236.1
	0.1	0.8	2.8	6.0	10.0	14.2	18.1	21.2	23.1	23.3	21.9	19.2	15.5	11.4	7.3	3.9	1.4	0.2	200.4
	0.1	0.6	2.1	4.6	7.8	11.2	14.3	16.9	18.4	18.7	17.5	15.3	12.4	9.1	5.8	3.1	1.2	0.2	159.3
	0.1	0.4	1.4	3.1	5.3	7.8	10.2	12.1	13.4	13.6	12.7	11.0	8.9	6.5	4.2	2.3	0.9	0.2	113.9
	0.1	0.3	0.8	1.6	2.9	4.3	5.7	7.0	7.9	8.0	7.5	6.5	5.3	3.9	2.5	1.4	0.6	0.2	66.5
	0.1	0.2	0.4	0.7	1.1	1.5	2.0	2.4	2.7	2.8	2.7	2.4	2.0	1.6	1.2	0.8	0.5	0.1	25.2

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 10.144 m
Humidity:
Inspector:

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

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: 10.144 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.\$

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

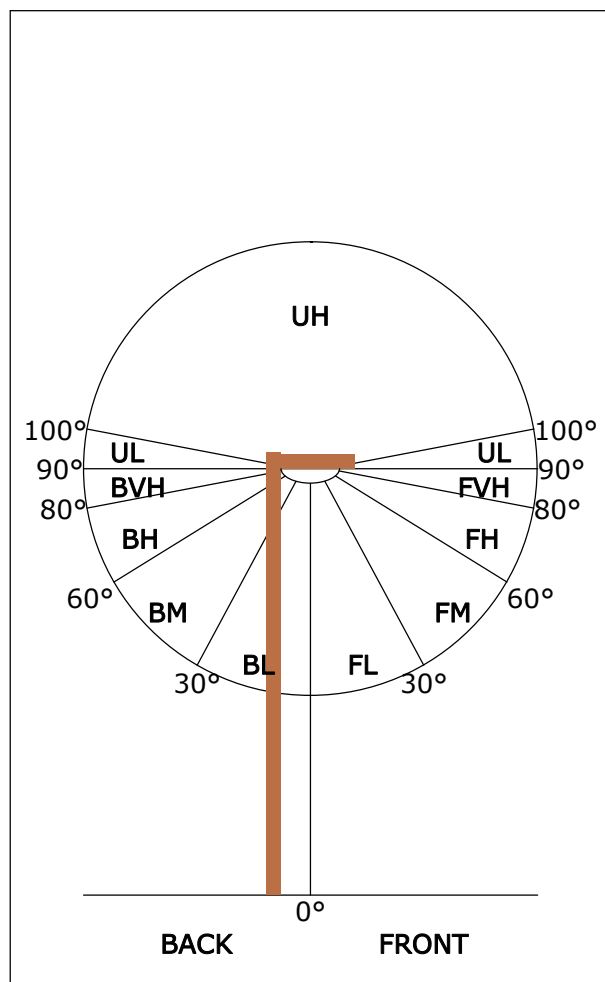
Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	1647	48.0
FL (0°-30°)	441	12.8
FM (30°-60°)	833	24.3
FH (60°-80°)	329	9.6
FVH (80°-90°)	44	1.3
BACK LIGHT	1653	48.1
BL (0°-30°)	440	12.8
BM (30°-60°)	828	24.1
BH (60°-80°)	332	9.7
BVH (80°-90°)	53	1.6
UP LIGHT	133	3.9
UL (90°-100°)	39	1.1
UH (100°-180°)	95	2.8
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 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: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.55	0.65	0.72	0.78	0.85	0.90	0.94	0.98	1.01	
	0.30		0.47	0.57	0.65	0.70	0.79	0.84	0.88	0.94	0.97	
	0.20		0.41	0.51	0.59	0.65	0.73	0.79	0.84	0.90	0.94	
0.50	0.50	0.20	0.53	0.63	0.69	0.74	0.81	0.86	0.89	0.94	0.96	
	0.30		0.46	0.56	0.63	0.68	0.76	0.81	0.85	0.90	0.93	
	0.20		0.41	0.51	0.58	0.63	0.71	0.77	0.81	0.87	0.90	
0.30	0.50	0.20	0.51	0.60	0.67	0.71	0.78	0.82	0.85	0.89	0.92	
	0.30		0.45	0.54	0.61	0.66	0.73	0.78	0.82	0.86	0.89	
	0.20		0.40	0.50	0.57	0.62	0.69	0.75	0.78	0.84	0.87	
0.00	0.00	0.00	0.38	0.47	0.53	0.58	0.65	0.70	0.74	0.78	0.81	
<p>Rating:35W 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 = 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		0.84	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.79	0.68	0.59	0.47	0.43	0.34	0.26	0.22	
	0.30		0.81	0.69	0.60	0.53	0.43	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	0.76	0.65	0.56	0.45	0.37	0.32	0.25	0.21	
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
Rating:35W 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(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	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.26	
	0.30		0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.19	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.24	
	0.30		0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	
	0.20		0.08	0.10	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.23	
	0.30		0.13	0.14	0.15	0.16	0.18	0.19	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.12	0.14	0.15	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:35W 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	1140.6	1.1	1.1	0.03	0.03
1.0-2.0	1140.1	3.3	4.4	0.10	0.13
2.0-3.0	1139.2	5.4	9.8	0.16	0.29
3.0-4.0	1138.0	7.6	17.4	0.22	0.51
4.0-5.0	1136.4	9.8	27.2	0.28	0.79
5.0-6.0	1134.3	11.9	39.1	0.35	1.14
6.0-7.0	1131.8	14.1	53.2	0.41	1.55
7.0-8.0	1128.9	16.2	69.3	0.47	2.02
8.0-9.0	1125.3	18.2	87.6	0.53	2.55
9.0-10.0	1121.6	20.3	107.9	0.59	3.14
10.0-11.0	1117.3	22.3	130.2	0.65	3.79
11.0-12.0	1112.5	24.3	154.5	0.71	4.50
12.0-13.0	1107.5	26.3	180.8	0.77	5.27
13.0-14.0	1101.9	28.2	209.0	0.82	6.09
14.0-15.0	1095.8	30.1	239.1	0.88	6.96
15.0-16.0	1089.5	31.9	271.0	0.93	7.89
16.0-17.0	1082.6	33.7	304.8	0.98	8.87
17.0-18.0	1075.5	35.5	340.2	1.03	9.91
18.0-19.0	1067.8	37.2	377.4	1.08	10.99
19.0-20.0	1059.7	38.8	416.2	1.13	12.12
20.0-21.0	1051.4	40.4	456.5	1.18	13.29
21.0-22.0	1042.6	41.9	498.5	1.22	14.52
22.0-23.0	1033.5	43.4	541.8	1.26	15.78
23.0-24.0	1024.3	44.8	586.6	1.30	17.08
24.0-25.0	1014.5	46.1	632.7	1.34	18.43
25.0-26.0	1004.4	47.4	680.2	1.38	19.81
26.0-27.0	993.8	48.6	728.8	1.42	21.22
27.0-28.0	982.9	49.8	778.6	1.45	22.67
28.0-29.0	971.7	50.8	829.4	1.48	24.15
29.0-30.0	960.2	51.9	881.3	1.51	25.66
30.0-31.0	948.6	52.8	934.0	1.54	27.20
31.0-32.0	936.2	53.6	987.7	1.56	28.76
32.0-33.0	923.9	54.4	1042.1	1.59	30.35
33.0-34.0	911.7	55.2	1097.3	1.61	31.95
34.0-35.0	898.6	55.8	1153.1	1.63	33.58
35.0-36.0	885.4	56.4	1209.5	1.64	35.22

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: 10.144 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	872.1	56.9	1266.4	1.66	36.88
37.0-38.0	858.4	57.3	1323.7	1.67	38.55
38.0-39.0	844.8	57.7	1381.4	1.68	40.23
39.0-40.0	830.6	57.9	1439.3	1.69	41.91
40.0-41.0	816.0	58.1	1497.4	1.69	43.61
41.0-42.0	801.9	58.3	1555.7	1.70	45.30
42.0-43.0	787.1	58.3	1614.0	1.70	47.00
43.0-44.0	771.8	58.3	1672.3	1.70	48.70
44.0-45.0	756.8	58.2	1730.4	1.69	50.39
45.0-46.0	741.3	58.0	1788.4	1.69	52.08
46.0-47.0	726.0	57.7	1846.2	1.68	53.76
47.0-48.0	710.1	57.4	1903.6	1.67	55.43
48.0-49.0	693.9	57.0	1960.6	1.66	57.09
49.0-50.0	678.4	56.6	2017.1	1.65	58.74
50.0-51.0	662.0	56.0	2073.1	1.63	60.37
51.0-52.0	645.6	55.4	2128.6	1.61	61.98
52.0-53.0	629.4	54.8	2183.3	1.59	63.58
53.0-54.0	612.5	54.0	2237.3	1.57	65.15
54.0-55.0	595.9	53.2	2290.5	1.55	66.70
55.0-56.0	579.2	52.3	2342.8	1.52	68.22
56.0-57.0	562.1	51.4	2394.2	1.50	69.72
57.0-58.0	545.5	50.4	2444.7	1.47	71.19
58.0-59.0	528.2	49.4	2494.1	1.44	72.63
59.0-60.0	510.6	48.2	2542.3	1.40	74.03
60.0-61.0	493.3	47.1	2589.4	1.37	75.40
61.0-62.0	476.0	45.9	2635.3	1.34	76.74
62.0-63.0	458.6	44.6	2679.9	1.30	78.04
63.0-64.0	440.7	43.2	2723.1	1.26	79.30
64.0-65.0	423.0	41.9	2765.0	1.22	80.52
65.0-66.0	405.4	40.5	2805.5	1.18	81.70
66.0-67.0	387.4	39.0	2844.4	1.13	82.83
67.0-68.0	369.9	37.5	2881.9	1.09	83.92
68.0-69.0	352.3	35.9	2917.8	1.05	84.97
69.0-70.0	334.3	34.3	2952.2	1.00	85.97
70.0-71.0	316.8	32.8	2984.9	0.95	86.92
71.0-72.0	299.0	31.1	3016.0	0.91	87.83

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: 10.144 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	281.1	29.4	3045.4	0.86	88.68
73.0-74.0	263.7	27.7	3073.1	0.81	89.49
74.0-75.0	246.1	26.0	3099.2	0.76	90.25
75.0-76.0	228.8	24.3	3123.4	0.71	90.96
76.0-77.0	211.3	22.5	3146.0	0.66	91.61
77.0-78.0	194.2	20.8	3166.8	0.61	92.22
78.0-79.0	178.2	19.2	3185.9	0.56	92.78
79.0-80.0	161.6	17.4	3203.3	0.51	93.28
80.0-81.0	145.0	15.7	3219.0	0.46	93.74
81.0-82.0	129.8	14.1	3233.1	0.41	94.15
82.0-83.0	115.3	12.5	3245.7	0.37	94.51
83.0-84.0	101.9	11.1	3256.8	0.32	94.84
84.0-85.0	89.1	9.7	3266.5	0.28	95.12
85.0-86.0	77.6	8.5	3275.0	0.25	95.37
86.0-87.0	68.6	7.5	3282.5	0.22	95.59
87.0-88.0	60.8	6.7	3289.1	0.19	95.78
88.0-89.0	54.5	6.0	3295.1	0.17	95.95
89.0-90.0	49.6	5.4	3300.5	0.16	96.11
90.0-91.0	45.3	5.0	3305.5	0.14	96.26
91.0-92.0	41.9	4.6	3310.1	0.13	96.39
92.0-93.0	38.9	4.3	3314.4	0.12	96.52
93.0-94.0	36.5	4.0	3318.3	0.12	96.63
94.0-95.0	34.8	3.8	3322.2	0.11	96.74
95.0-96.0	33.5	3.7	3325.8	0.11	96.85
96.0-97.0	32.5	3.5	3329.4	0.10	96.95
97.0-98.0	31.7	3.4	3332.8	0.10	97.05
98.0-99.0	30.9	3.4	3336.2	0.10	97.15
99.0-100.0	30.2	3.3	3339.4	0.10	97.24
100.0-101.0	29.7	3.2	3342.6	0.09	97.34
101.0-102.0	29.1	3.1	3345.7	0.09	97.43
102.0-103.0	28.5	3.1	3348.8	0.09	97.52
103.0-104.0	28.0	3.0	3351.8	0.09	97.61
104.0-105.0	27.4	2.9	3354.7	0.08	97.69
105.0-106.0	26.9	2.8	3357.5	0.08	97.77
106.0-107.0	26.4	2.8	3360.3	0.08	97.85
107.0-108.0	25.9	2.7	3363.0	0.08	97.93

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: 10.144 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	25.4	2.6	3365.7	0.08	98.01
109.0-110.0	25.0	2.6	3368.2	0.08	98.08
110.0-111.0	24.6	2.5	3370.8	0.07	98.16
111.0-112.0	24.1	2.5	3373.2	0.07	98.23
112.0-113.0	23.6	2.4	3375.6	0.07	98.30
113.0-114.0	23.1	2.3	3378.0	0.07	98.37
114.0-115.0	22.8	2.3	3380.2	0.07	98.43
115.0-116.0	22.3	2.2	3382.4	0.06	98.50
116.0-117.0	21.6	2.1	3384.6	0.06	98.56
117.0-118.0	20.6	2.0	3386.6	0.06	98.62
118.0-119.0	19.8	1.9	3388.5	0.06	98.67
119.0-120.0	19.4	1.9	3390.3	0.05	98.73
120.0-121.0	18.9	1.8	3392.1	0.05	98.78
121.0-122.0	18.5	1.7	3393.8	0.05	98.83
122.0-123.0	18.2	1.7	3395.5	0.05	98.88
123.0-124.0	17.9	1.6	3397.2	0.05	98.93
124.0-125.0	17.6	1.6	3398.8	0.05	98.97
125.0-126.0	17.3	1.5	3400.3	0.05	99.02
126.0-127.0	17.1	1.5	3401.8	0.04	99.06
127.0-128.0	16.8	1.5	3403.3	0.04	99.10
128.0-129.0	16.5	1.4	3404.7	0.04	99.15
129.0-130.0	16.1	1.4	3406.0	0.04	99.19
130.0-131.0	15.8	1.3	3407.4	0.04	99.22
131.0-132.0	15.5	1.3	3408.6	0.04	99.26
132.0-133.0	15.3	1.2	3409.9	0.04	99.30
133.0-134.0	15.0	1.2	3411.1	0.03	99.33
134.0-135.0	14.8	1.2	3412.2	0.03	99.37
135.0-136.0	14.5	1.1	3413.3	0.03	99.40
136.0-137.0	14.2	1.1	3414.4	0.03	99.43
137.0-138.0	14.0	1.0	3415.5	0.03	99.46
138.0-139.0	13.8	1.0	3416.5	0.03	99.49
139.0-140.0	13.6	1.0	3417.4	0.03	99.52
140.0-141.0	13.4	0.9	3418.4	0.03	99.54
141.0-142.0	13.2	0.9	3419.3	0.03	99.57
142.0-143.0	13.1	0.9	3420.1	0.03	99.60
143.0-144.0	12.9	0.8	3421.0	0.02	99.62

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: 10.144 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	12.7	0.8	3421.8	0.02	99.64
145.0-146.0	12.6	0.8	3422.6	0.02	99.67
146.0-147.0	12.4	0.8	3423.3	0.02	99.69
147.0-148.0	12.2	0.7	3424.0	0.02	99.71
148.0-149.0	12.1	0.7	3424.7	0.02	99.73
149.0-150.0	12.0	0.7	3425.4	0.02	99.75
150.0-151.0	11.8	0.6	3426.0	0.02	99.77
151.0-152.0	11.6	0.6	3426.7	0.02	99.79
152.0-153.0	11.5	0.6	3427.2	0.02	99.80
153.0-154.0	11.3	0.6	3427.8	0.02	99.82
154.0-155.0	11.1	0.5	3428.3	0.02	99.83
155.0-156.0	10.9	0.5	3428.8	0.01	99.85
156.0-157.0	10.7	0.5	3429.3	0.01	99.86
157.0-158.0	10.5	0.4	3429.7	0.01	99.87
158.0-159.0	10.3	0.4	3430.1	0.01	99.89
159.0-160.0	10.1	0.4	3430.5	0.01	99.90
160.0-161.0	9.9	0.4	3430.9	0.01	99.91
161.0-162.0	9.7	0.3	3431.2	0.01	99.92
162.0-163.0	9.6	0.3	3431.5	0.01	99.93
163.0-164.0	9.5	0.3	3431.8	0.01	99.94
164.0-165.0	9.3	0.3	3432.1	0.01	99.94
165.0-166.0	9.2	0.3	3432.4	0.01	99.95
166.0-167.0	9.1	0.2	3432.6	0.01	99.96
167.0-168.0	9.1	0.2	3432.8	0.01	99.96
168.0-169.0	9.0	0.2	3433.0	0.01	99.97
169.0-170.0	9.0	0.2	3433.2	0.01	99.98
170.0-171.0	9.0	0.2	3433.3	0.00	99.98
171.0-172.0	8.9	0.1	3433.5	0.00	99.98
172.0-173.0	8.9	0.1	3433.6	0.00	99.99
173.0-174.0	8.9	0.1	3433.7	0.00	99.99
174.0-175.0	8.9	0.1	3433.8	0.00	99.99
175.0-176.0	8.9	0.1	3433.9	0.00	100.00
176.0-177.0	9.0	0.1	3434.0	0.00	100.00
177.0-178.0	9.0	0.0	3434.0	0.00	100.00
178.0-179.0	9.1	0.0	3434.0	0.00	100.00
179.0-180.0	9.1	0.0	3434.0	0.00	100.00

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1150.2	1131.3	1150.2	1131.3	1150.2					
G1.0	1151.7	1131.0	1148.1	1130.7	1151.7					
G2.0	1153.3	1130.6	1145.4	1130.0	1153.3					
G3.0	1154.1	1129.8	1141.9	1128.7	1154.1					
G4.0	1154.6	1128.6	1139.2	1126.9	1154.6					
G5.0	1154.7	1126.9	1135.3	1125.4	1154.7					
G6.0	1154.1	1124.7	1130.8	1122.6	1154.1					
G7.0	1153.0	1122.6	1126.4	1120.4	1153.0					
G8.0	1151.3	1119.9	1120.6	1116.9	1151.3					
G9.0	1148.9	1116.3	1115.2	1113.6	1148.9					
G10.0	1146.3	1113.0	1109.3	1109.9	1146.3					
G11.0	1142.8	1108.9	1102.7	1105.7	1142.8					
G12.0	1139.1	1104.3	1095.9	1101.0	1139.1					
G13.0	1134.9	1100.0	1088.8	1096.4	1134.9					
G14.0	1129.7	1094.7	1080.8	1090.3	1129.7					
G15.0	1124.7	1089.1	1072.5	1084.7	1124.7					
G16.0	1118.9	1083.4	1064.0	1078.4	1118.9					
G17.0	1112.6	1077.0	1054.7	1072.0	1112.6					
G18.0	1105.9	1070.3	1045.9	1065.3	1105.9					
G19.0	1098.2	1063.2	1035.5	1057.8	1098.2					
G20.0	1090.8	1056.0	1026.0	1050.2	1090.8					
G21.0	1083.0	1048.7	1014.6	1042.3	1083.0					
G22.0	1073.6	1039.9	1004.6	1034.2	1073.6					
G23.0	1064.6	1032.0	993.3	1025.9	1064.6					
G24.0	1056.1	1023.8	981.7	1016.8	1056.1					
G25.0	1045.6	1013.9	969.9	1007.9	1045.6					
G26.0	1035.6	1004.9	958.5	998.5	1035.6					
G27.0	1024.8	994.9	945.2	987.8	1024.8					
G28.0	1013.8	985.1	933.1	978.1	1013.8					
G29.0	1002.6	975.0	918.9	966.9	1002.6					
G30.0	991.0	964.0	906.5	956.6	991.0					
G31.0	978.9	952.7	892.6	946.1	978.9					
G32.0	965.9	941.5	878.3	934.0	965.9					
G33.0	953.8	930.5	864.5	922.8	953.8					
G34.0	941.1	918.7	850.6	911.2	941.1					
G35.0	927.2	906.0	835.7	898.0	927.2					
G36.0	914.3	894.2	821.1	886.4	914.3					

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: 10.144 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	900.3	881.9	805.5	873.3	900.3					
G38.0	885.8	868.7	790.9	860.5	885.8					
G39.0	872.0	856.5	776.1	848.0	872.0					
G40.0	856.6	842.6	759.1	834.2	856.6					
G41.0	841.6	829.0	744.3	820.6	841.6					
G42.0	827.5	815.7	728.7	807.7	827.5					
G43.0	811.3	801.5	711.5	792.8	811.3					
G44.0	796.0	787.2	695.4	779.1	796.0					
G45.0	781.1	773.9	678.1	763.2	781.1					
G46.0	763.6	758.5	662.3	749.9	763.6					
G47.0	748.5	744.0	645.5	735.6	748.5					
G48.0	731.2	728.3	628.0	719.5	731.2					
G49.0	714.8	714.2	610.6	705.0	714.8					
G50.0	698.6	698.6	594.3	690.7	698.6					
G51.0	681.0	682.7	576.5	673.8	681.0					
G52.0	664.2	668.1	559.4	659.0	664.2					
G53.0	648.1	652.6	541.3	642.4	648.1					
G54.0	629.2	636.3	523.3	627.1	629.2					
G55.0	612.7	620.3	506.7	611.9	612.7					
G56.0	594.8	603.8	488.6	594.8	594.8					
G57.0	576.8	588.0	470.4	579.2	576.8					
G58.0	560.0	572.2	453.5	563.7	560.0					
G59.0	540.7	554.7	434.8	546.3	540.7					
G60.0	523.6	537.8	417.3	529.6	523.6					
G61.0	506.3	521.6	397.7	512.7	506.3					
G62.0	487.5	504.2	380.6	497.2	487.5					
G63.0	469.8	486.6	362.6	480.1	469.8					
G64.0	450.7	468.4	344.1	463.0	450.7					
G65.0	432.7	451.7	327.0	446.7	432.7					
G66.0	414.5	433.8	307.5	429.1	414.5					
G67.0	395.9	415.1	290.6	412.5	395.9					
G68.0	378.8	397.2	272.8	396.3	378.8					
G69.0	360.8	379.8	253.8	378.8	360.8					
G70.0	342.0	359.7	237.3	362.4	342.0					
G71.0	324.6	342.3	219.9	346.4	324.6					
G72.0	305.9	322.6	201.8	328.2	305.9					
G73.0	288.3	304.2	185.3	312.5	288.3					

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: 10.144 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	270.8	286.5	167.4	294.8	270.8					
G75.0	252.7	266.4	150.8	279.3	252.7					
G76.0	235.2	248.2	135.1	262.9	235.2					
G77.0	217.2	229.0	117.8	245.2	217.2					
G78.0	200.1	211.4	102.3	230.3	200.1					
G79.0	184.5	194.7	88.2	214.4	184.5					
G80.0	166.3	174.5	72.4	197.8	166.3					
G81.0	149.8	156.6	59.8	182.9	149.8					
G82.0	134.4	138.8	49.6	166.8	134.4					
G83.0	117.2	120.5	44.0	151.3	117.2					
G84.0	102.1	103.3	39.5	137.5	102.1					
G85.0	86.8	85.6	35.1	122.7	86.8					
G86.0	78.1	70.3	31.7	110.9	78.1					
G87.0	71.9	56.9	29.6	99.3	71.9					
G88.0	64.8	46.0	27.8	89.8	64.8					
G89.0	59.2	40.9	26.6	80.9	59.2					
G90.0	53.4	37.1	25.6	72.7	53.4					
G91.0	47.9	33.8	25.0	67.1	47.9					
G92.0	43.0	31.4	24.5	62.2	43.0					
G93.0	38.3	29.7	23.9	58.0	38.3					
G94.0	35.0	28.3	23.4	55.2	35.0					
G95.0	32.6	27.4	23.0	53.6	32.6					
G96.0	30.4	26.6	22.4	52.3	30.4					
G97.0	29.1	25.9	22.0	51.2	29.1					
G98.0	28.1	25.5	21.5	50.2	28.1					
G99.0	27.2	24.9	21.0	49.0	27.2					
G100.0	26.6	24.3	20.6	47.8	26.6					
G101.0	25.9	23.9	20.3	47.8	25.9					
G102.0	25.2	23.3	20.0	46.4	25.2					
G103.0	24.9	23.0	19.7	45.5	24.9					
G104.0	24.4	22.7	19.3	44.5	24.4					
G105.0	23.8	22.2	18.9	43.6	23.8					
G106.0	23.4	21.9	18.5	42.6	23.4					
G107.0	23.1	21.5	18.5	41.7	23.1					
G108.0	22.5	21.2	18.1	40.9	22.5					
G109.0	22.3	20.8	17.8	39.9	22.3					
G110.0	22.0	20.4	17.7	39.0	22.0					

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: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	21.6	20.2	17.5	38.3	21.6					
G112.0	21.0	19.8	17.0	37.6	21.0					
G113.0	20.5	19.3	16.7	36.8	20.5					
G114.0	20.3	19.1	16.5	36.0	20.3					
G115.0	19.9	18.8	16.2	35.3	19.9					
G116.0	19.6	18.4	15.9	34.4	19.6					
G117.0	19.2	18.4	15.6	31.5	19.2					
G118.0	18.7	18.1	15.4	28.0	18.7					
G119.0	18.6	17.8	15.3	26.9	18.6					
G120.0	18.5	17.5	15.1	25.5	18.5					
G121.0	18.0	17.1	14.8	24.9	18.0					
G122.0	17.7	17.0	14.6	24.2	17.7					
G123.0	17.3	16.6	14.4	23.9	17.3					
G124.0	17.1	16.4	14.3	23.3	17.1					
G125.0	16.8	16.0	14.0	23.0	16.8					
G126.0	16.7	15.8	13.9	22.5	16.7					
G127.0	16.3	15.7	13.6	21.9	16.3					
G128.0	16.1	15.5	13.5	21.7	16.1					
G129.0	15.7	15.1	13.3	21.1	15.7					
G130.0	15.5	14.9	13.2	20.2	15.5					
G131.0	15.4	14.8	12.9	19.7	15.4					
G132.0	15.1	14.6	12.7	19.2	15.1					
G133.0	14.8	14.3	12.6	19.0	14.8					
G134.0	14.5	14.1	12.3	18.7	14.5					
G135.0	14.2	14.1	12.1	18.4	14.2					
G136.0	13.8	13.7	11.9	18.1	13.8					
G137.0	13.6	13.5	11.8	17.6	13.6					
G138.0	13.3	13.4	11.6	17.2	13.3					
G139.0	13.3	13.3	11.5	16.9	13.3					
G140.0	13.2	12.9	11.4	16.4	13.2					
G141.0	12.9	12.9	11.2	16.1	12.9					
G142.0	12.9	12.9	11.2	15.8	12.9					
G143.0	12.8	12.9	11.0	15.3	12.8					
G144.0	12.4	12.8	10.9	15.1	12.4					
G145.0	12.3	12.9	10.5	15.0	12.3					
G146.0	12.2	12.8	10.5	14.6	12.2					
G147.0	12.0	12.8	10.4	14.2	12.0					

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: GPM-1600

Distance: 10.144 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	11.8	12.8	10.2	13.8	11.8					
G149.0	11.7	12.8	10.2	13.6	11.7					
G150.0	11.5	12.8	9.8	13.1	11.5					
G151.0	11.3	12.9	9.8	13.0	11.3					
G152.0	11.0	12.8	9.8	12.6	11.0					
G153.0	11.0	12.6	9.8	12.4	11.0					
G154.0	10.9	12.2	9.7	11.9	10.9					
G155.0	10.7	11.9	9.7	11.9	10.7					
G156.0	10.5	11.7	9.3	11.4	10.5					
G157.0	10.3	11.5	9.4	11.4	10.3					
G158.0	10.1	11.3	9.1	11.0	10.1					
G159.0	10.0	10.9	9.0	10.8	10.0					
G160.0	9.8	10.8	8.8	10.4	9.8					
G161.0	9.6	10.2	8.9	10.3	9.6					
G162.0	9.4	10.2	8.9	10.1	9.4					
G163.0	9.2	10.1	8.9	10.0	9.2					
G164.0	9.2	9.7	8.9	9.7	9.2					
G165.0	9.1	9.6	8.8	9.5	9.1					
G166.0	8.8	9.6	8.5	9.6	8.8					
G167.0	9.1	9.6	8.6	9.3	9.1					
G168.0	8.9	9.2	8.7	9.4	8.9					
G169.0	9.0	9.2	8.7	9.1	9.0					
G170.0	9.1	9.0	8.7	9.2	9.1					
G171.0	8.9	9.0	8.7	9.1	8.9					
G172.0	8.9	8.9	8.6	9.2	8.9					
G173.0	8.9	8.8	8.7	9.1	8.9					
G174.0	9.0	8.7	8.8	8.8	9.0					
G175.0	8.8	8.9	8.9	9.0	8.8					
G176.0	9.0	9.0	8.9	9.1	9.0					
G177.0	9.0	9.0	8.9	9.1	9.0					
G178.0	9.0	9.1	9.0	9.0	9.0					
G179.0	9.1	9.1	9.0	9.2	9.1					
G180.0	9.1	9.1	8.9	9.1	9.1					

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: 10.144 m

Humidity:

Inspector: