

Report No.:

Test Time: 2020/11/17 10:03

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Silhouette 3.0

Luminaire Description: RB0RGB203.0RGB-8N

Lamp Catalog: 8N-RED

Number of Lamps: 126/M

Luminous Width (mm): 6

Voltage: 24.0 V

Power: 1.50 W

Lamp Description: 3528RGB

Luminous Length (mm): 500

Luminous Height (mm): 12

Current: 0.063 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 7.8 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H156.9,H108.8

Vertical Diffuse Angle(10%,50%): V156.4,V108.3

Luminaire Efficacy Rating (LER): 5

Max. Intensity: 2.84 cd

Total Rated Lamp Lumens: 7.8 lm

Efficiency: 100%

Upward Ratio: 3%

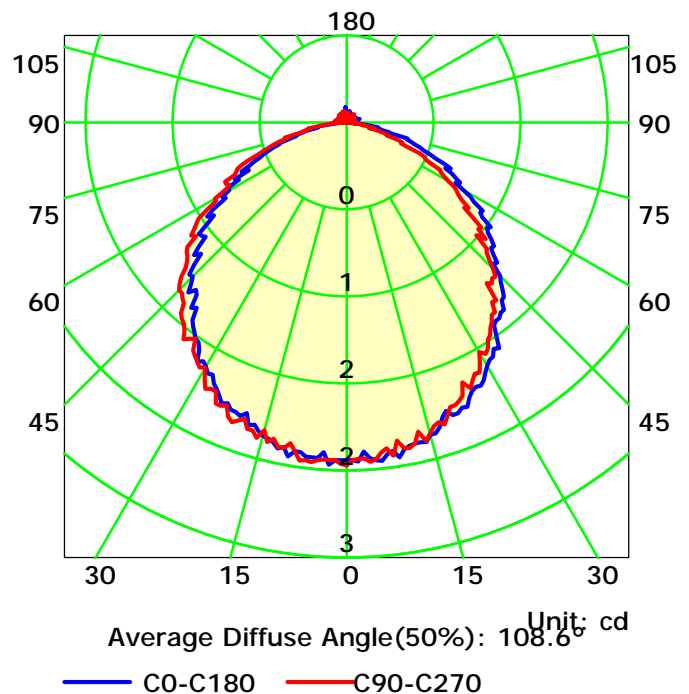
Central Intensity: 2.79 cd

Pos of Max. Intensity: H30 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

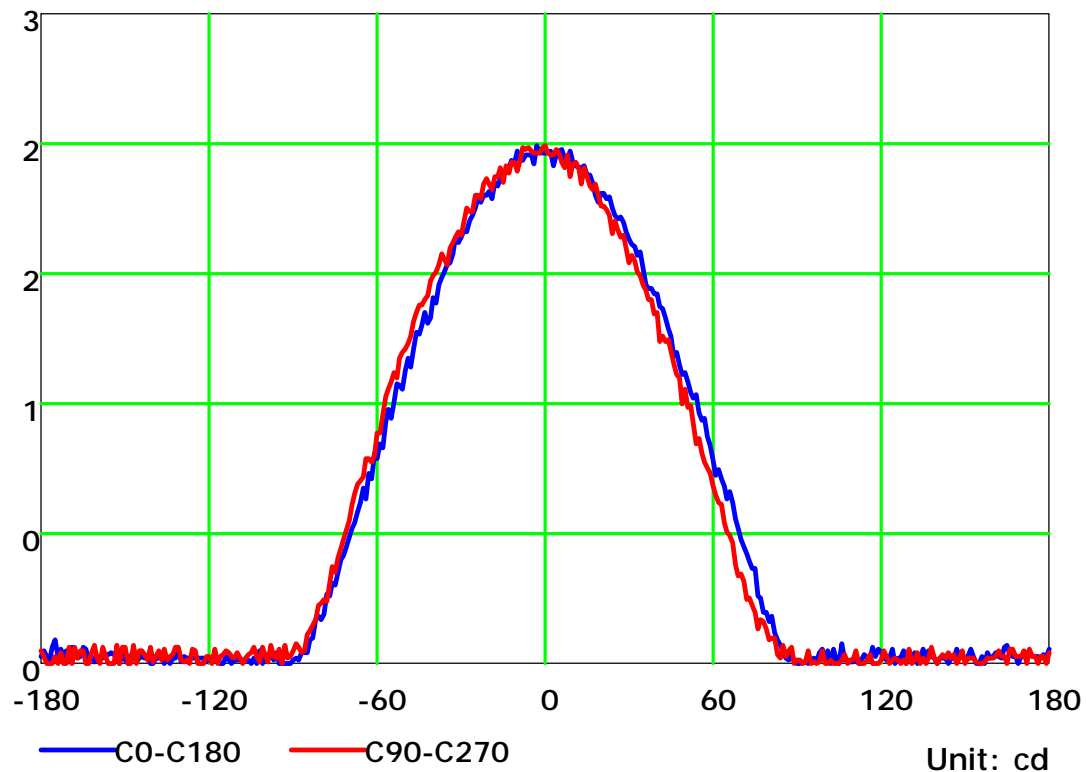
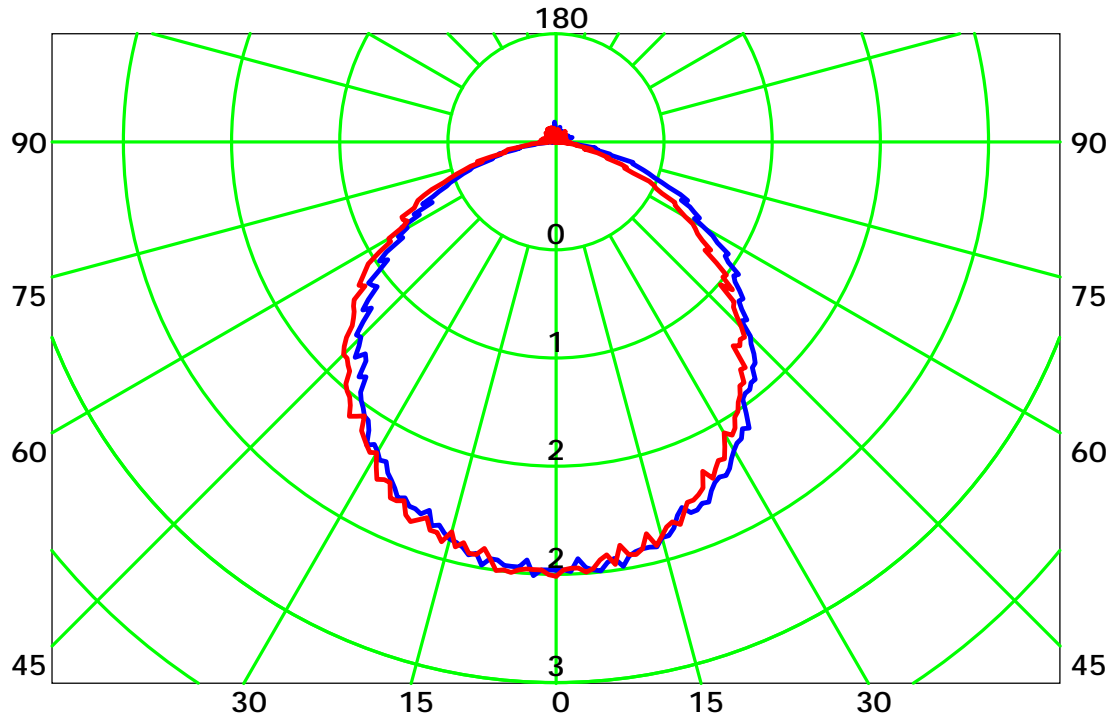
Distance: 9.028 m

Humidity: 60%

Inspector:



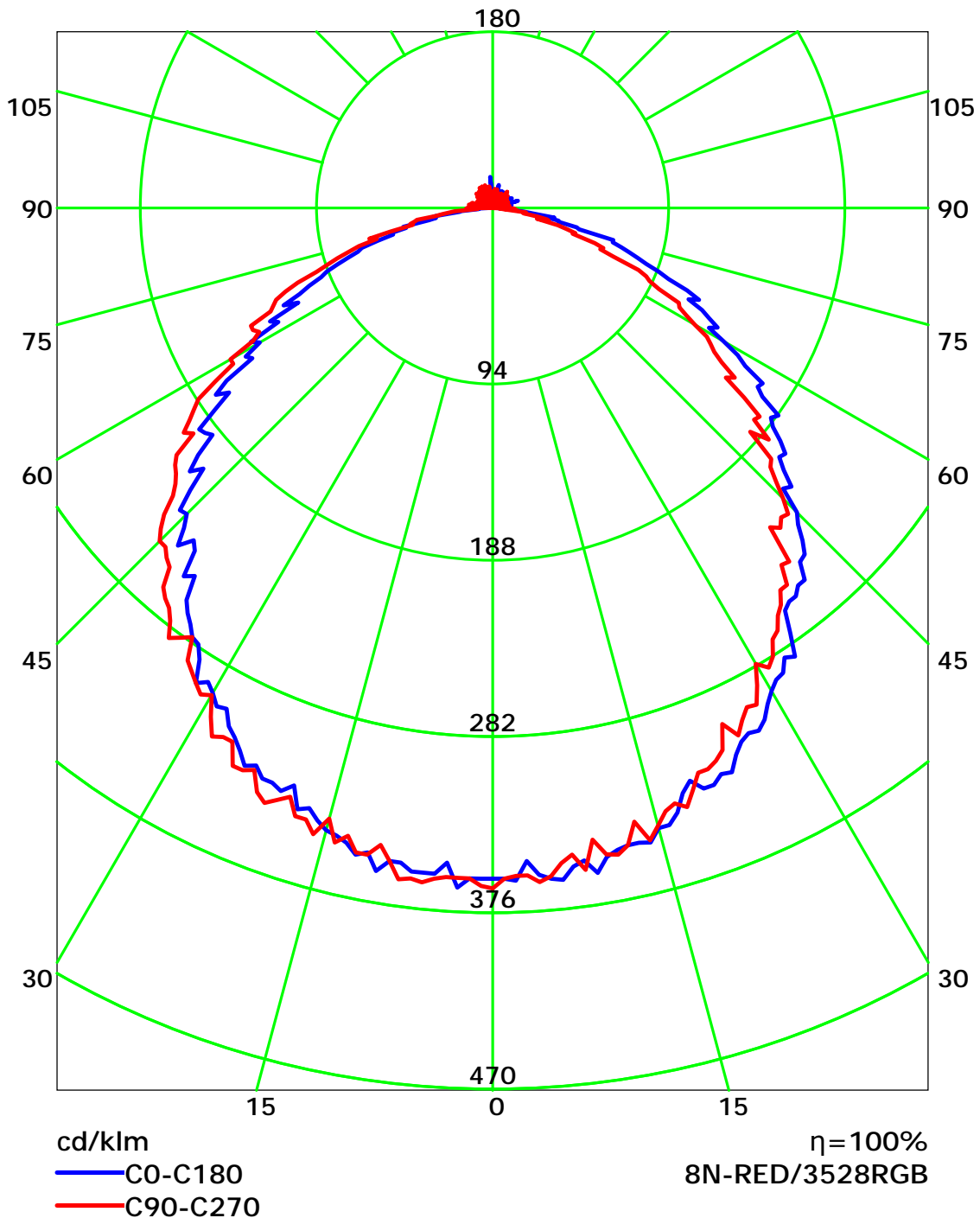
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

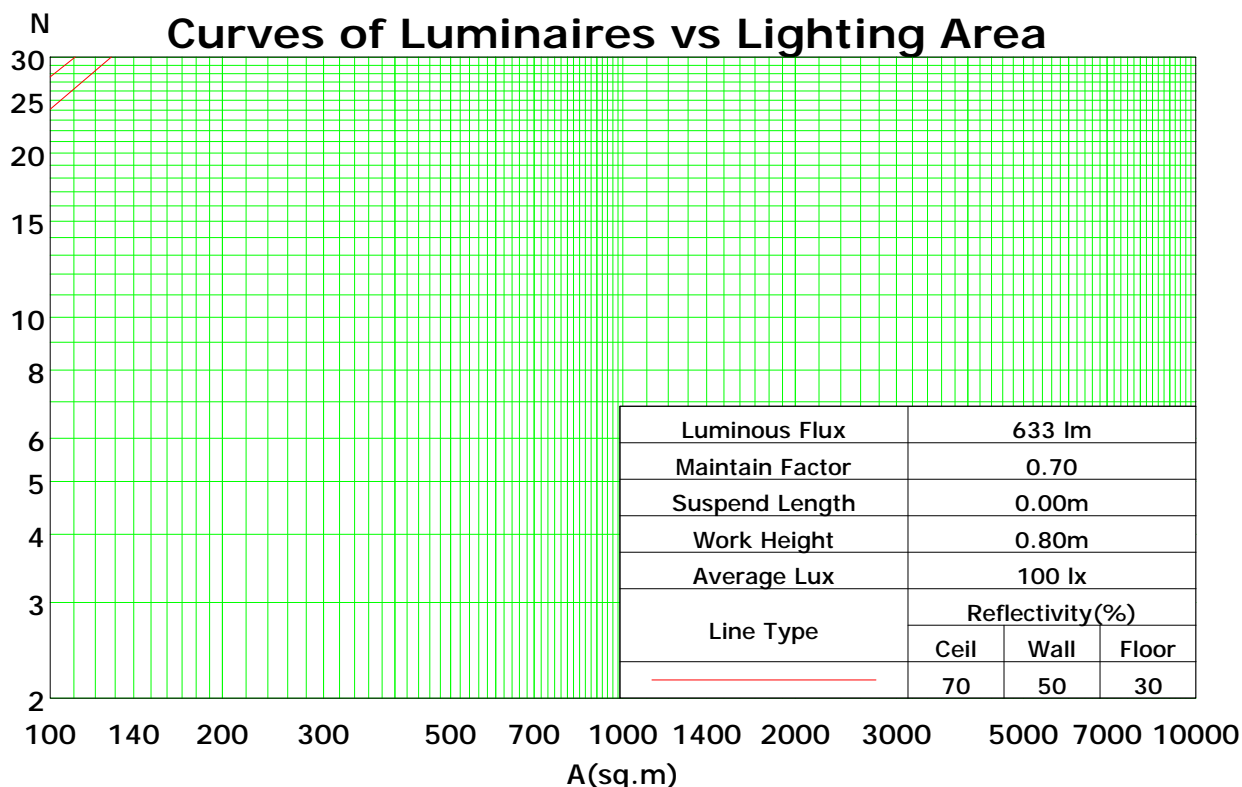
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	104	104	104	99	99	99	97
1	108	104	100	96	105	101	97	94	97	93	91	92	90	87	88	86	84	82
2	99	91	84	78	96	89	82	77	85	79	75	81	77	73	78	74	71	69
3	90	80	72	65	87	78	71	65	75	68	63	72	66	62	69	64	60	58
4	83	71	62	56	80	69	61	55	66	59	54	64	58	53	61	56	52	50
5	76	63	54	48	74	62	54	47	60	52	47	57	51	46	55	50	45	43
6	70	57	48	42	68	56	48	41	54	46	41	52	45	40	50	44	40	38
7	65	52	43	37	63	51	43	37	49	42	36	47	41	36	46	40	35	33
8	61	47	39	33	59	46	38	33	45	38	32	43	37	32	42	36	32	30
9	57	43	35	30	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	30	26	24

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.22

Spacing Criteria (Diagonal): 1.35



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

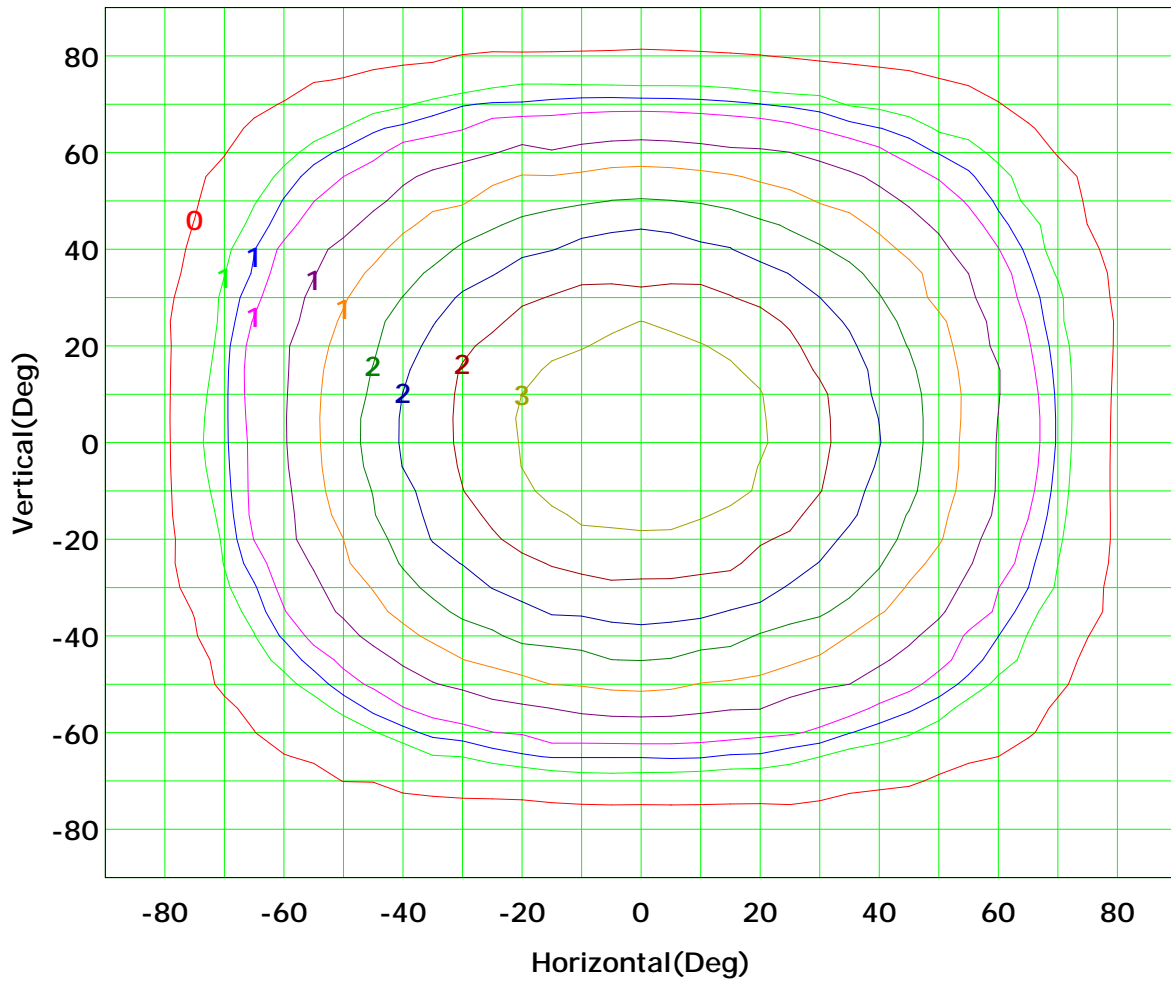
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 3 cd

(10%):	0 cd	(20%):	1 cd
(25%):	1 cd	(30%):	1 cd
(40%):	1 cd	(50%):	1 cd
(60%):	2 cd	(70%):	2 cd
(80%):	2 cd	(90%):	3 cd

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

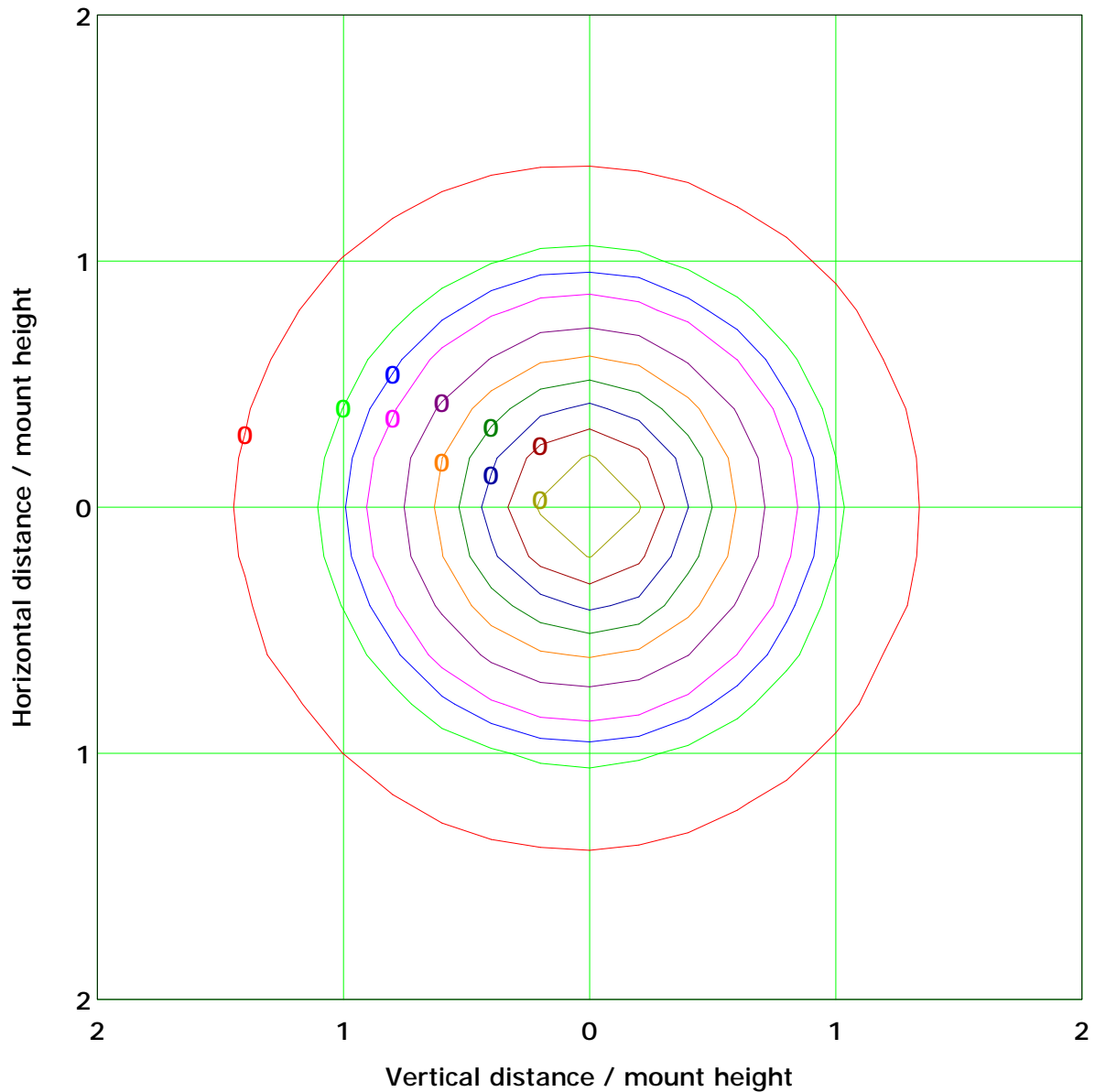
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

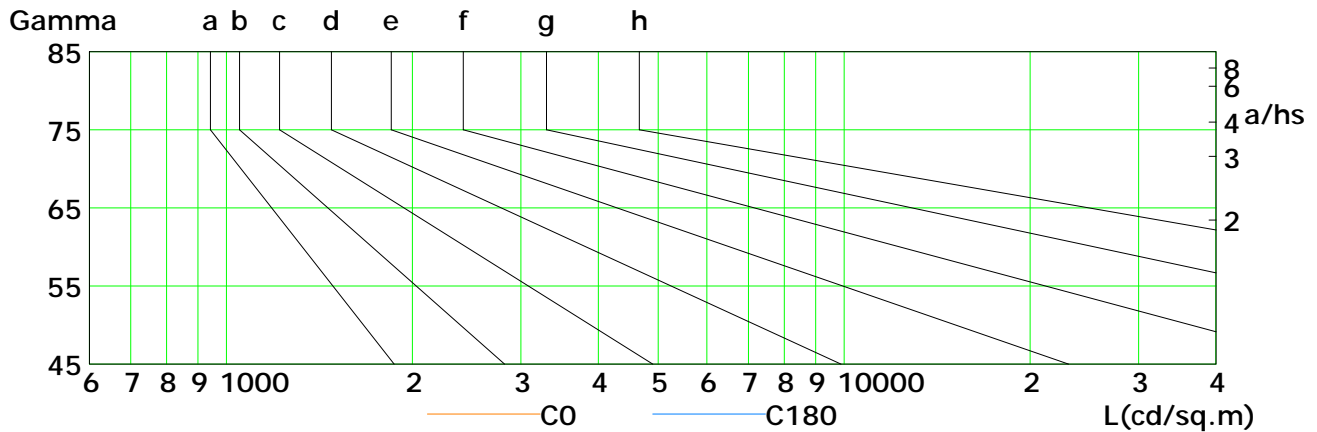
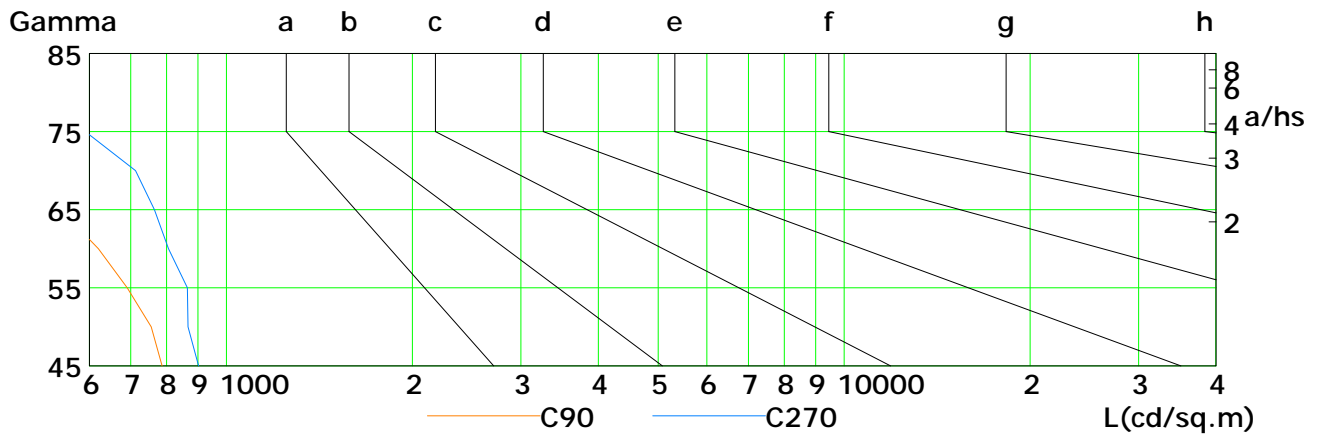
Humidity: 60%

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	281	244	206	166	134	102	79	36	11
C90	787	756	691	621	540	448	331	220	300
C180	283	245	202	167	143	104	65	37	10
C270	902	867	865	806	765	713	591	558	480

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

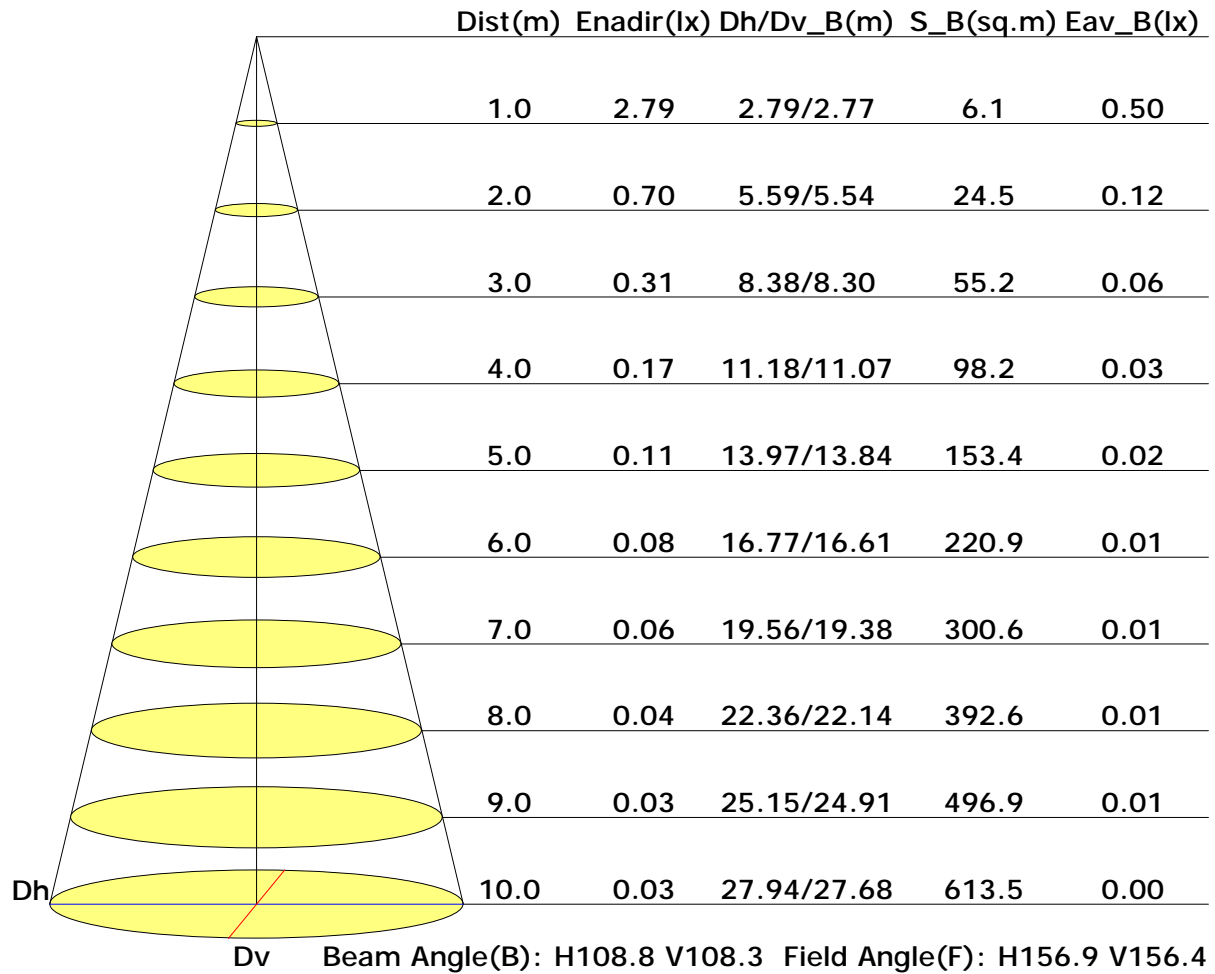
Test Device: GPM-1800B

Distance: 9.028 m

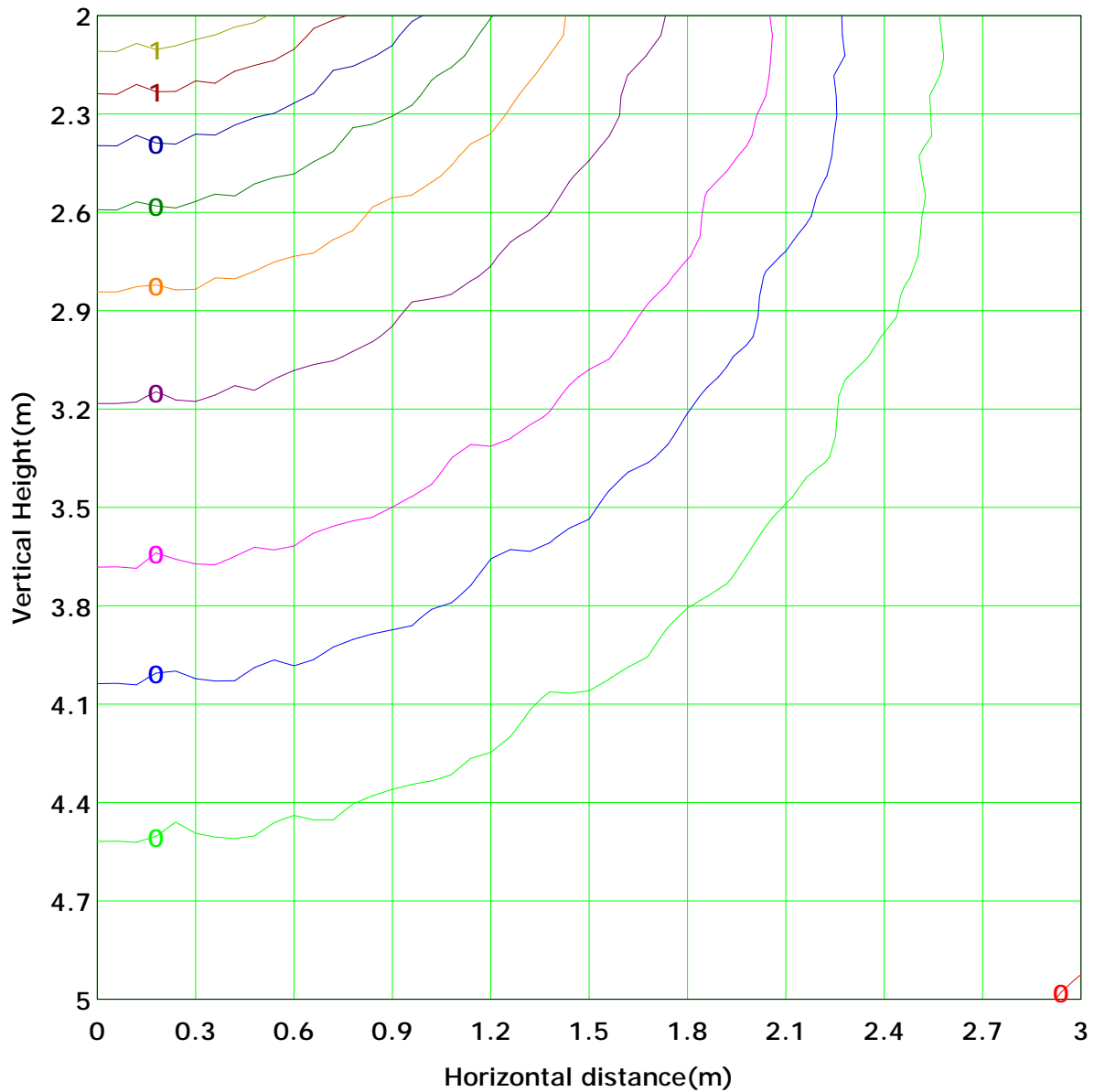
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 0.7 lx
(10%): 0.1 lx	(20%): 0.1 lx	(30%): 0.2 lx
(25%): 0.2 lx	(40%): 0.3 lx	(50%): 0.3 lx
(40%): 0.3 lx	(60%): 0.4 lx	(70%): 0.5 lx
(60%): 0.4 lx	(80%): 0.6 lx	(90%): 0.6 lx
(80%): 0.6 lx		

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Flux(T)	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0	8	
	Flux(E)	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.0		7

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

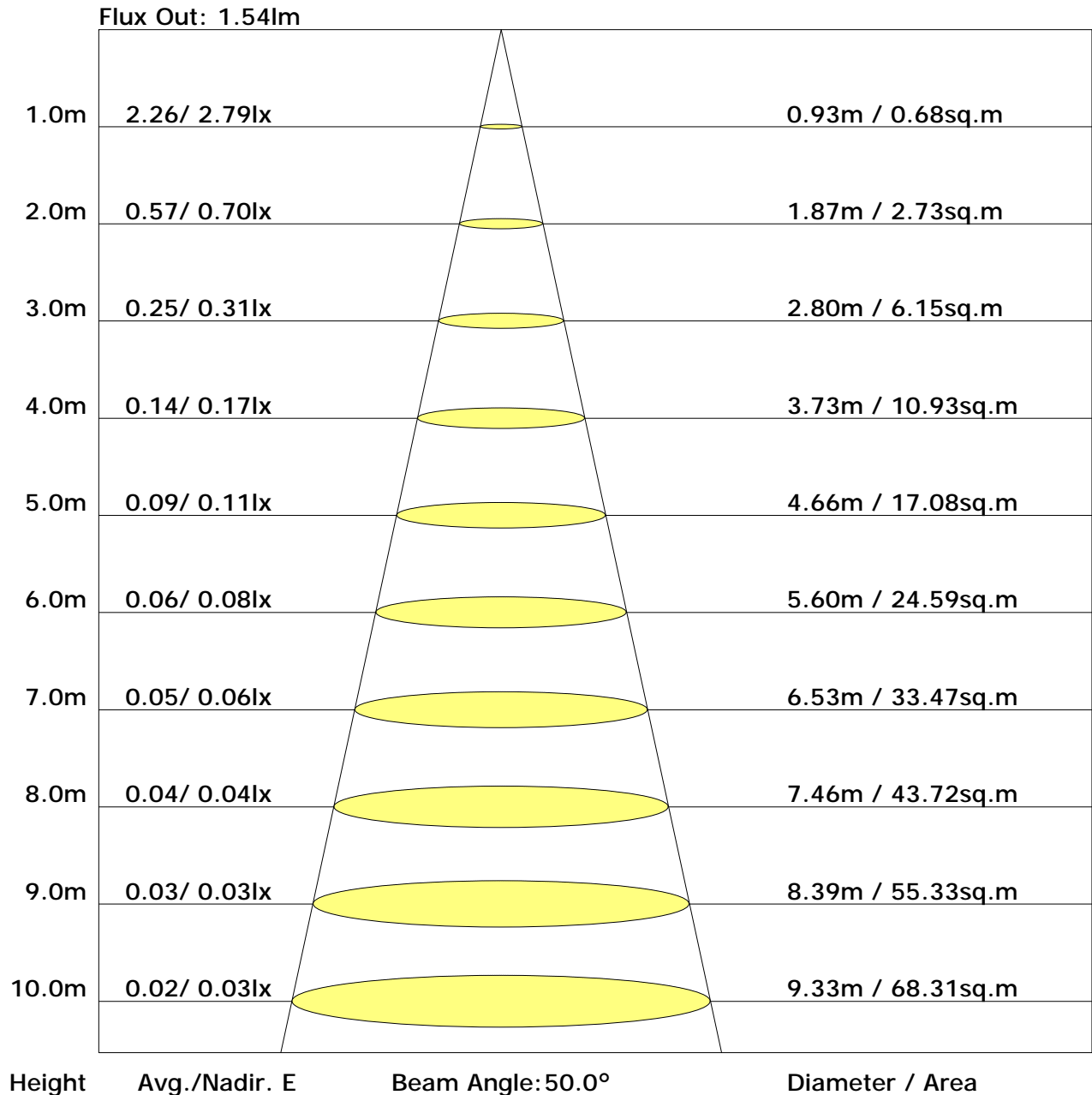
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

The Average Illuminance Effective Figure



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	25.6	27.1	26.0	27.5	27.9	22.3	23.8	22.7	24.2	24.6
3H	27.2	28.6	27.7	29.0	29.5	23.1	24.5	23.5	24.8	25.3
4H	27.8	29.2	28.3	29.6	30.0	23.2	24.6	23.7	25.0	25.4
6H	28.2	29.4	28.6	29.8	30.3	23.3	24.5	23.8	25.0	25.4
8H	28.3	29.4	28.7	29.9	30.3	23.3	24.5	23.8	24.9	25.4
12H	28.3	29.4	28.8	29.8	30.3	23.3	24.4	23.8	24.8	25.3
X=4H Y=2H	25.8	27.1	26.3	27.5	28.0	22.9	24.2	23.3	24.6	25.1
3H	27.6	28.7	28.0	29.1	29.6	23.8	24.8	24.2	25.3	25.8
4H	28.3	29.2	28.7	29.7	30.2	24.0	25.0	24.5	25.5	26.0
6H	28.6	29.5	29.1	30.0	30.5	24.1	25.0	24.6	25.5	26.0
8H	28.8	29.6	29.3	30.1	30.6	24.1	24.9	24.6	25.4	26.0
12H	28.8	29.5	29.3	30.0	30.6	24.1	24.8	24.6	25.3	25.9
X=8H Y=4H	28.3	29.1	28.8	29.6	30.1	24.2	25.0	24.7	25.5	26.0
6H	28.7	29.4	29.3	29.9	30.5	24.3	25.0	24.9	25.5	26.1
8H	28.9	29.4	29.4	30.0	30.6	24.3	24.9	24.9	25.5	26.0
12H	28.9	29.4	29.5	30.0	30.6	24.3	24.8	24.9	25.4	26.0
X=12H Y=4H	28.3	29.0	28.8	29.5	30.1	24.2	24.9	24.7	25.4	26.0
6H	28.7	29.3	29.3	29.8	30.4	24.3	24.9	24.9	25.4	26.0
8H	28.9	29.4	29.4	29.9	30.6	24.3	24.9	24.9	25.4	26.0

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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	0.57	0.68	0.75	0.80	0.88	0.93	0.96	1.01	1.04
	0.30		0.49	0.60	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.44	0.54	0.62	0.68	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.48	0.59	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.43	0.54	0.61	0.67	0.75	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.54	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.94
	0.30		0.47	0.57	0.64	0.69	0.77	0.81	0.85	0.89	0.92
	0.20		0.43	0.53	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.40	0.50	0.57	0.62	0.69	0.74	0.77	0.82	0.85
<p>Rating:2W 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	0.99	0.81	0.69	0.60	0.47	0.39	0.33	0.26	0.21	
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.24	0.20	
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.94	0.77	0.65	0.57	0.45	0.40	0.32	0.24	0.20	
	0.30		0.80	0.67	0.58	0.51	0.41	0.34	0.30	0.23	0.19	
	0.20		0.69	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.18	
0.30	0.50	0.20	0.91	0.74	0.62	0.54	0.43	0.35	0.30	0.23	0.19	
	0.30		0.78	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.17	
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.20	0.16	0.13	
<p>Rating:2W 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 = 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	0.19	0.21	0.21	0.22	0.23	0.24	0.24	0.24	0.25
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.22	0.22
	0.20		0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.23	0.24
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.30	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.22	0.23
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Rating:2W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2.8	0.0	0.0	0.03	0.03
1.0-2.0	2.8	0.0	0.0	0.10	0.14
2.0-3.0	2.8	0.0	0.0	0.17	0.31
3.0-4.0	2.8	0.0	0.0	0.24	0.55
4.0-5.0	2.8	0.0	0.1	0.31	0.85
5.0-6.0	2.8	0.0	0.1	0.37	1.23
6.0-7.0	2.8	0.0	0.1	0.44	1.67
7.0-8.0	2.8	0.0	0.2	0.51	2.18
8.0-9.0	2.8	0.0	0.2	0.57	2.75
9.0-10.0	2.8	0.0	0.3	0.64	3.39
10.0-11.0	2.7	0.1	0.3	0.70	4.09
11.0-12.0	2.7	0.1	0.4	0.76	4.86
12.0-13.0	2.7	0.1	0.4	0.82	5.68
13.0-14.0	2.7	0.1	0.5	0.88	6.56
14.0-15.0	2.7	0.1	0.6	0.94	7.50
15.0-16.0	2.7	0.1	0.7	1.00	8.49
16.0-17.0	2.6	0.1	0.7	1.06	9.55
17.0-18.0	2.6	0.1	0.8	1.11	10.66
18.0-19.0	2.6	0.1	0.9	1.16	11.82
19.0-20.0	2.6	0.1	1.0	1.21	13.03
20.0-21.0	2.6	0.1	1.1	1.26	14.29
21.0-22.0	2.5	0.1	1.2	1.31	15.60
22.0-23.0	2.5	0.1	1.3	1.36	16.96
23.0-24.0	2.5	0.1	1.4	1.40	18.36
24.0-25.0	2.5	0.1	1.5	1.45	19.81
25.0-26.0	2.5	0.1	1.7	1.48	21.29
26.0-27.0	2.4	0.1	1.8	1.51	22.81
27.0-28.0	2.4	0.1	1.9	1.55	24.36
28.0-29.0	2.4	0.1	2.0	1.59	25.95
29.0-30.0	2.3	0.1	2.1	1.62	27.57
30.0-31.0	2.3	0.1	2.3	1.64	29.21
31.0-32.0	2.3	0.1	2.4	1.68	30.89
32.0-33.0	2.3	0.1	2.5	1.71	32.60
33.0-34.0	2.2	0.1	2.7	1.72	34.32
34.0-35.0	2.2	0.1	2.8	1.74	36.05
35.0-36.0	2.1	0.1	2.9	1.76	37.81

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

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	2.1	0.1	3.1	1.77	39.58
37.0-38.0	2.1	0.1	3.2	1.78	41.36
38.0-39.0	2.0	0.1	3.4	1.79	43.15
39.0-40.0	2.0	0.1	3.5	1.80	44.95
40.0-41.0	2.0	0.1	3.6	1.80	46.75
41.0-42.0	1.9	0.1	3.8	1.79	48.54
42.0-43.0	1.9	0.1	3.9	1.80	50.35
43.0-44.0	1.9	0.1	4.1	1.80	52.14
44.0-45.0	1.8	0.1	4.2	1.80	53.94
45.0-46.0	1.8	0.1	4.3	1.79	55.73
46.0-47.0	1.7	0.1	4.5	1.76	57.49
47.0-48.0	1.7	0.1	4.6	1.75	59.24
48.0-49.0	1.6	0.1	4.8	1.73	60.97
49.0-50.0	1.6	0.1	4.9	1.72	62.69
50.0-51.0	1.6	0.1	5.0	1.70	64.39
51.0-52.0	1.5	0.1	5.1	1.67	66.06
52.0-53.0	1.5	0.1	5.3	1.66	67.72
53.0-54.0	1.4	0.1	5.4	1.63	69.34
54.0-55.0	1.4	0.1	5.5	1.60	70.94
55.0-56.0	1.3	0.1	5.7	1.56	72.50
56.0-57.0	1.3	0.1	5.8	1.53	74.03
57.0-58.0	1.3	0.1	5.9	1.50	75.53
58.0-59.0	1.2	0.1	6.0	1.45	76.98
59.0-60.0	1.2	0.1	6.1	1.40	78.38
60.0-61.0	1.1	0.1	6.2	1.35	79.73
61.0-62.0	1.1	0.1	6.3	1.32	81.04
62.0-63.0	1.0	0.1	6.4	1.27	82.32
63.0-64.0	1.0	0.1	6.5	1.22	83.54
64.0-65.0	0.9	0.1	6.6	1.18	84.72
65.0-66.0	0.9	0.1	6.7	1.13	85.85
66.0-67.0	0.8	0.1	6.8	1.08	86.93
67.0-68.0	0.8	0.1	6.9	1.02	87.95
68.0-69.0	0.7	0.1	6.9	0.94	88.90
69.0-70.0	0.7	0.1	7.0	0.89	89.78
70.0-71.0	0.6	0.1	7.1	0.83	90.62
71.0-72.0	0.6	0.1	7.1	0.78	91.40

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

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	0.6	0.1	7.2	0.75	92.15
73.0-74.0	0.5	0.1	7.2	0.68	92.83
74.0-75.0	0.5	0.0	7.3	0.61	93.44
75.0-76.0	0.4	0.0	7.3	0.56	94.00
76.0-77.0	0.4	0.0	7.4	0.50	94.50
77.0-78.0	0.3	0.0	7.4	0.46	94.96
78.0-79.0	0.3	0.0	7.4	0.41	95.36
79.0-80.0	0.3	0.0	7.5	0.35	95.71
80.0-81.0	0.2	0.0	7.5	0.31	96.03
81.0-82.0	0.2	0.0	7.5	0.29	96.31
82.0-83.0	0.2	0.0	7.5	0.22	96.53
83.0-84.0	0.1	0.0	7.5	0.16	96.70
84.0-85.0	0.1	0.0	7.5	0.13	96.83
85.0-86.0	0.1	0.0	7.6	0.10	96.93
86.0-87.0	0.1	0.0	7.6	0.08	97.01
87.0-88.0	0.1	0.0	7.6	0.08	97.08
88.0-89.0	0.0	0.0	7.6	0.07	97.15
89.0-90.0	0.0	0.0	7.6	0.05	97.20
90.0-91.0	0.0	0.0	7.6	0.05	97.25
91.0-92.0	0.0	0.0	7.6	0.04	97.29
92.0-93.0	0.0	0.0	7.6	0.03	97.31
93.0-94.0	0.0	0.0	7.6	0.03	97.35
94.0-95.0	0.0	0.0	7.6	0.04	97.39
95.0-96.0	0.0	0.0	7.6	0.05	97.44
96.0-97.0	0.0	0.0	7.6	0.04	97.48
97.0-98.0	0.0	0.0	7.6	0.04	97.52
98.0-99.0	0.0	0.0	7.6	0.05	97.57
99.0-100.0	0.0	0.0	7.6	0.04	97.61
100.0-101.0	0.0	0.0	7.6	0.04	97.65
101.0-102.0	0.0	0.0	7.6	0.04	97.69
102.0-103.0	0.0	0.0	7.6	0.04	97.73
103.0-104.0	0.0	0.0	7.6	0.04	97.77
104.0-105.0	0.0	0.0	7.6	0.05	97.83
105.0-106.0	0.0	0.0	7.6	0.06	97.88
106.0-107.0	0.0	0.0	7.6	0.05	97.93
107.0-108.0	0.0	0.0	7.6	0.04	97.97

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

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	0.0	0.0	7.6	0.03	98.00
109.0-110.0	0.0	0.0	7.6	0.04	98.04
110.0-111.0	0.0	0.0	7.6	0.04	98.08
111.0-112.0	0.0	0.0	7.6	0.04	98.12
112.0-113.0	0.0	0.0	7.7	0.04	98.16
113.0-114.0	0.0	0.0	7.7	0.04	98.20
114.0-115.0	0.0	0.0	7.7	0.04	98.24
115.0-116.0	0.0	0.0	7.7	0.04	98.28
116.0-117.0	0.0	0.0	7.7	0.03	98.32
117.0-118.0	0.0	0.0	7.7	0.04	98.35
118.0-119.0	0.0	0.0	7.7	0.04	98.39
119.0-120.0	0.0	0.0	7.7	0.04	98.43
120.0-121.0	0.0	0.0	7.7	0.04	98.47
121.0-122.0	0.0	0.0	7.7	0.04	98.51
122.0-123.0	0.0	0.0	7.7	0.03	98.54
123.0-124.0	0.0	0.0	7.7	0.03	98.57
124.0-125.0	0.0	0.0	7.7	0.04	98.61
125.0-126.0	0.0	0.0	7.7	0.04	98.65
126.0-127.0	0.0	0.0	7.7	0.03	98.68
127.0-128.0	0.0	0.0	7.7	0.03	98.71
128.0-129.0	0.0	0.0	7.7	0.02	98.73
129.0-130.0	0.0	0.0	7.7	0.04	98.77
130.0-131.0	0.1	0.0	7.7	0.06	98.83
131.0-132.0	0.1	0.0	7.7	0.05	98.88
132.0-133.0	0.0	0.0	7.7	0.05	98.93
133.0-134.0	0.0	0.0	7.7	0.03	98.96
134.0-135.0	0.0	0.0	7.7	0.03	98.99
135.0-136.0	0.0	0.0	7.7	0.04	99.03
136.0-137.0	0.0	0.0	7.7	0.03	99.06
137.0-138.0	0.0	0.0	7.7	0.04	99.10
138.0-139.0	0.0	0.0	7.7	0.04	99.14
139.0-140.0	0.0	0.0	7.7	0.03	99.17
140.0-141.0	0.0	0.0	7.7	0.03	99.19
141.0-142.0	0.0	0.0	7.7	0.03	99.22
142.0-143.0	0.0	0.0	7.7	0.03	99.26
143.0-144.0	0.0	0.0	7.7	0.04	99.29

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

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	0.0	0.0	7.7	0.04	99.33
145.0-146.0	0.1	0.0	7.7	0.04	99.37
146.0-147.0	0.1	0.0	7.7	0.04	99.42
147.0-148.0	0.0	0.0	7.8	0.03	99.45
148.0-149.0	0.0	0.0	7.8	0.03	99.48
149.0-150.0	0.0	0.0	7.8	0.03	99.51
150.0-151.0	0.0	0.0	7.8	0.03	99.54
151.0-152.0	0.1	0.0	7.8	0.04	99.58
152.0-153.0	0.1	0.0	7.8	0.03	99.61
153.0-154.0	0.0	0.0	7.8	0.03	99.64
154.0-155.0	0.0	0.0	7.8	0.02	99.67
155.0-156.0	0.0	0.0	7.8	0.03	99.69
156.0-157.0	0.0	0.0	7.8	0.03	99.72
157.0-158.0	0.0	0.0	7.8	0.02	99.74
158.0-159.0	0.0	0.0	7.8	0.02	99.76
159.0-160.0	0.0	0.0	7.8	0.02	99.78
160.0-161.0	0.0	0.0	7.8	0.02	99.80
161.0-162.0	0.1	0.0	7.8	0.02	99.82
162.0-163.0	0.0	0.0	7.8	0.02	99.84
163.0-164.0	0.0	0.0	7.8	0.01	99.85
164.0-165.0	0.0	0.0	7.8	0.02	99.87
165.0-166.0	0.1	0.0	7.8	0.02	99.89
166.0-167.0	0.1	0.0	7.8	0.02	99.91
167.0-168.0	0.1	0.0	7.8	0.02	99.93
168.0-169.0	0.0	0.0	7.8	0.01	99.94
169.0-170.0	0.0	0.0	7.8	0.01	99.95
170.0-171.0	0.0	0.0	7.8	0.01	99.96
171.0-172.0	0.0	0.0	7.8	0.01	99.97
172.0-173.0	0.0	0.0	7.8	0.01	99.97
173.0-174.0	0.0	0.0	7.8	0.01	99.98
174.0-175.0	0.0	0.0	7.8	0.01	99.99
175.0-176.0	0.0	0.0	7.8	0.01	99.99
176.0-177.0	0.0	0.0	7.8	0.00	100.00
177.0-178.0	0.0	0.0	7.8	0.00	100.00
178.0-179.0	0.0	0.0	7.8	0.00	100.00
179.0-180.0	0.0	0.0	7.8	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector: