

Report No.:

Test Time: 2020/11/16 17:04

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Silhouette 3.0

Luminaire Description: RBOVWS2203.0VW-8N

Lamp Catalog: 8N-22

Number of Lamps: 140/M

Luminous Width (mm): 6

Voltage: 24.0 V

Power: 2.44 W

Lamp Description: 35272IN1 2200K

Luminous Length (mm): 500

Luminous Height (mm): 12

Current: 0.102 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 27.3 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H157.9,H108.5

Vertical Diffuse Angle(10%,50%): V154.8,V107.7

Luminaire Efficacy Rating (LER): 11

Max. Intensity: 10.06 cd

Total Rated Lamp Lumens: 27.3 lm

Efficiency: 100%

Upward Ratio: 2%

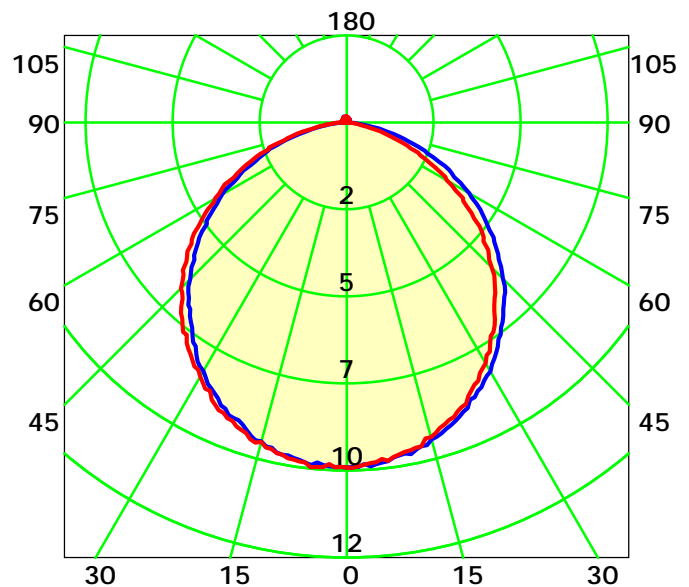
Central Intensity: 10 cd

Pos of Max. Intensity: H30 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 108.1° Unit: cd

— C0-C180 — C90-C270

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

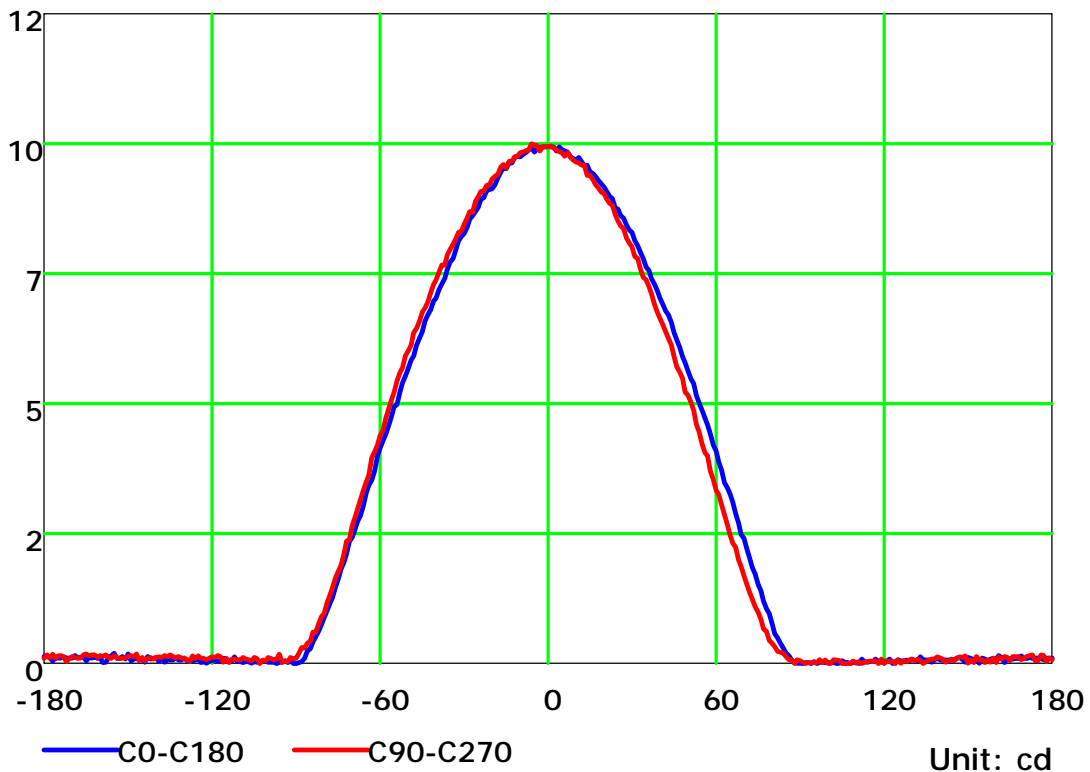
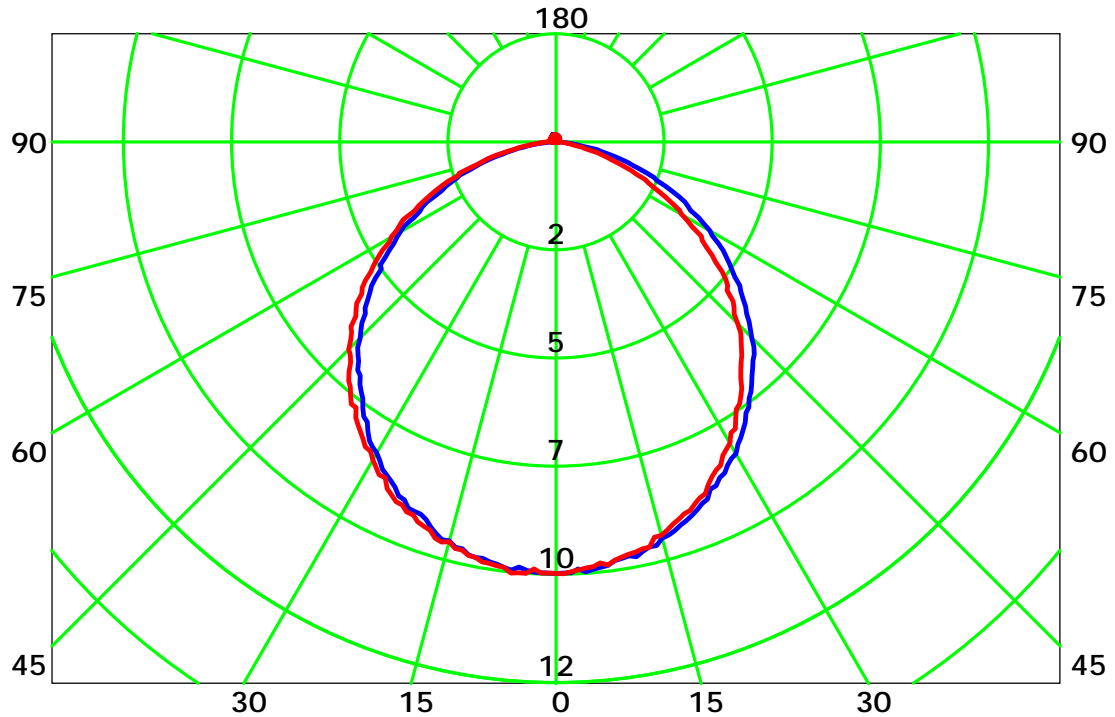
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

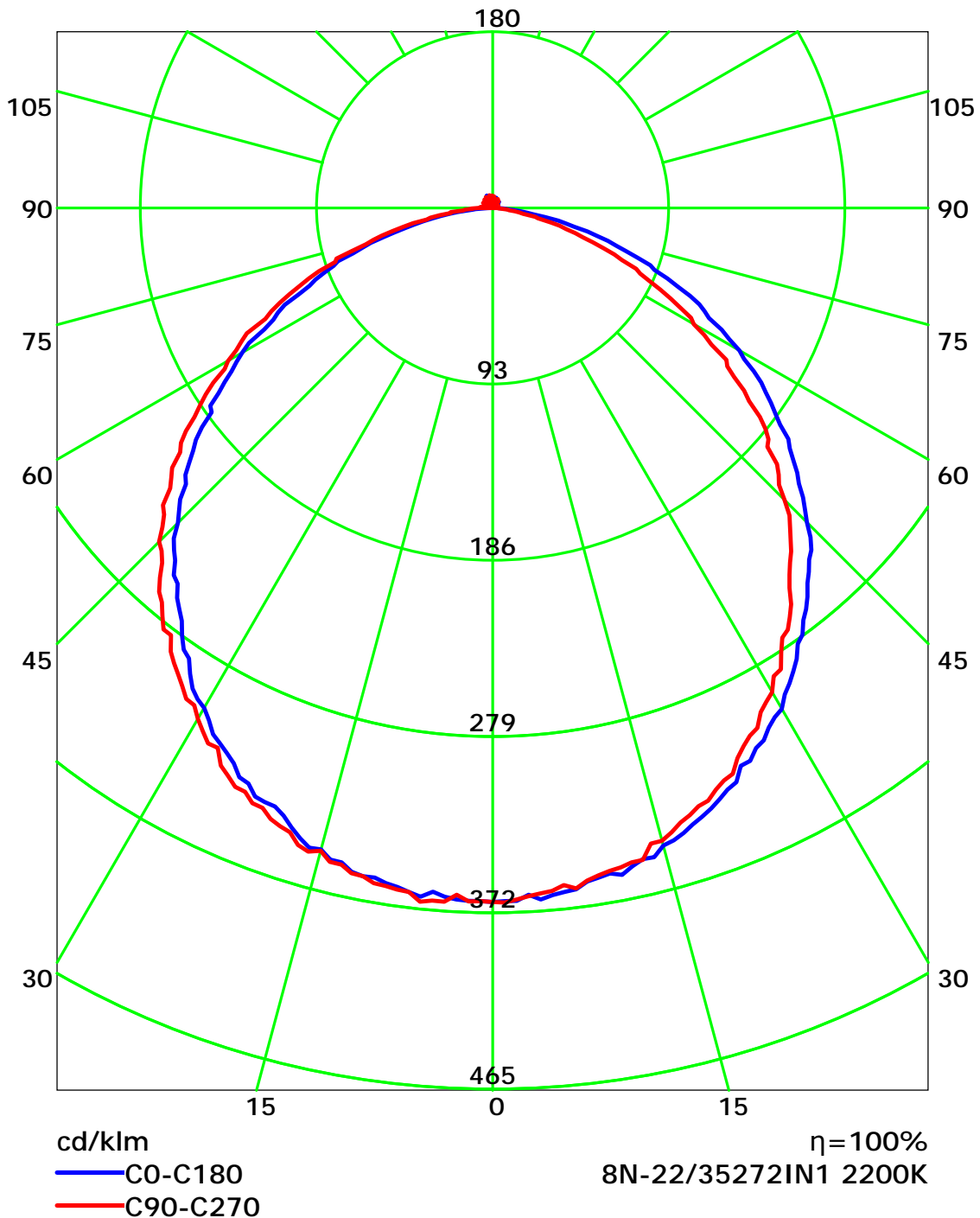
Luminous Intensity Distribution Curve



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:

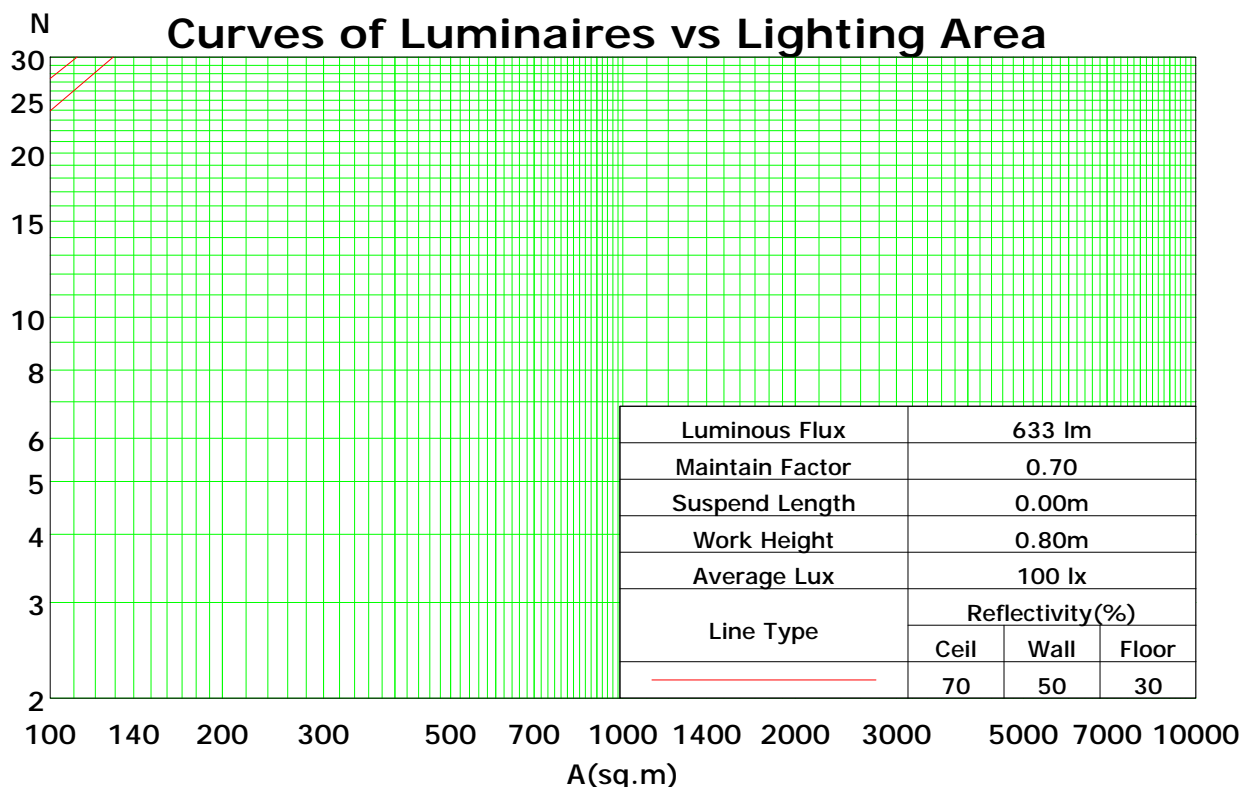
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	98
1	109	104	100	96	106	102	98	95	97	94	91	93	91	88	89	87	86	83
2	99	91	85	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	72	67	63	70	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	62	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	50	46	44
6	71	57	49	42	69	56	48	42	54	47	41	53	46	41	51	45	41	38
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	46	41	36	34
8	61	48	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.23

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

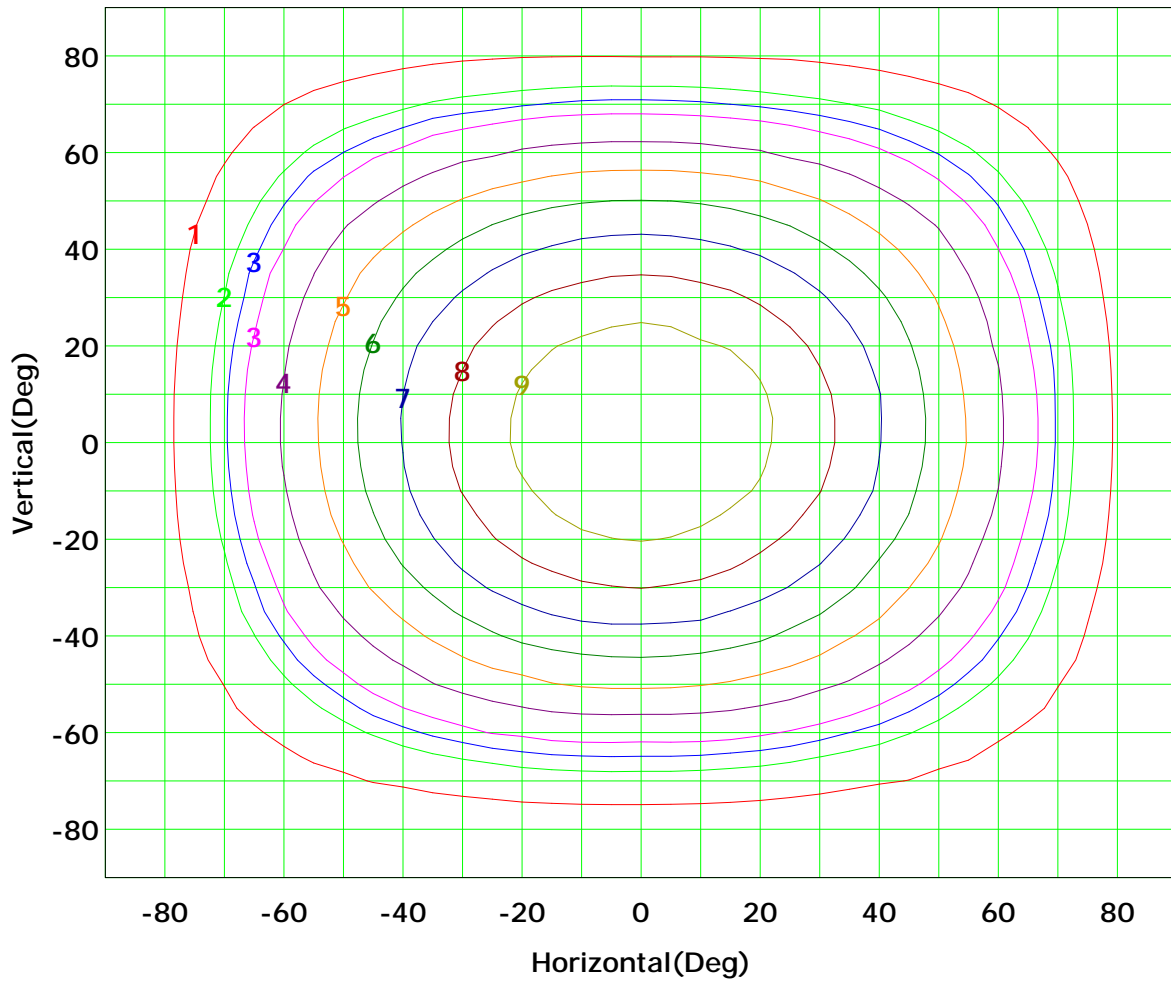
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



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

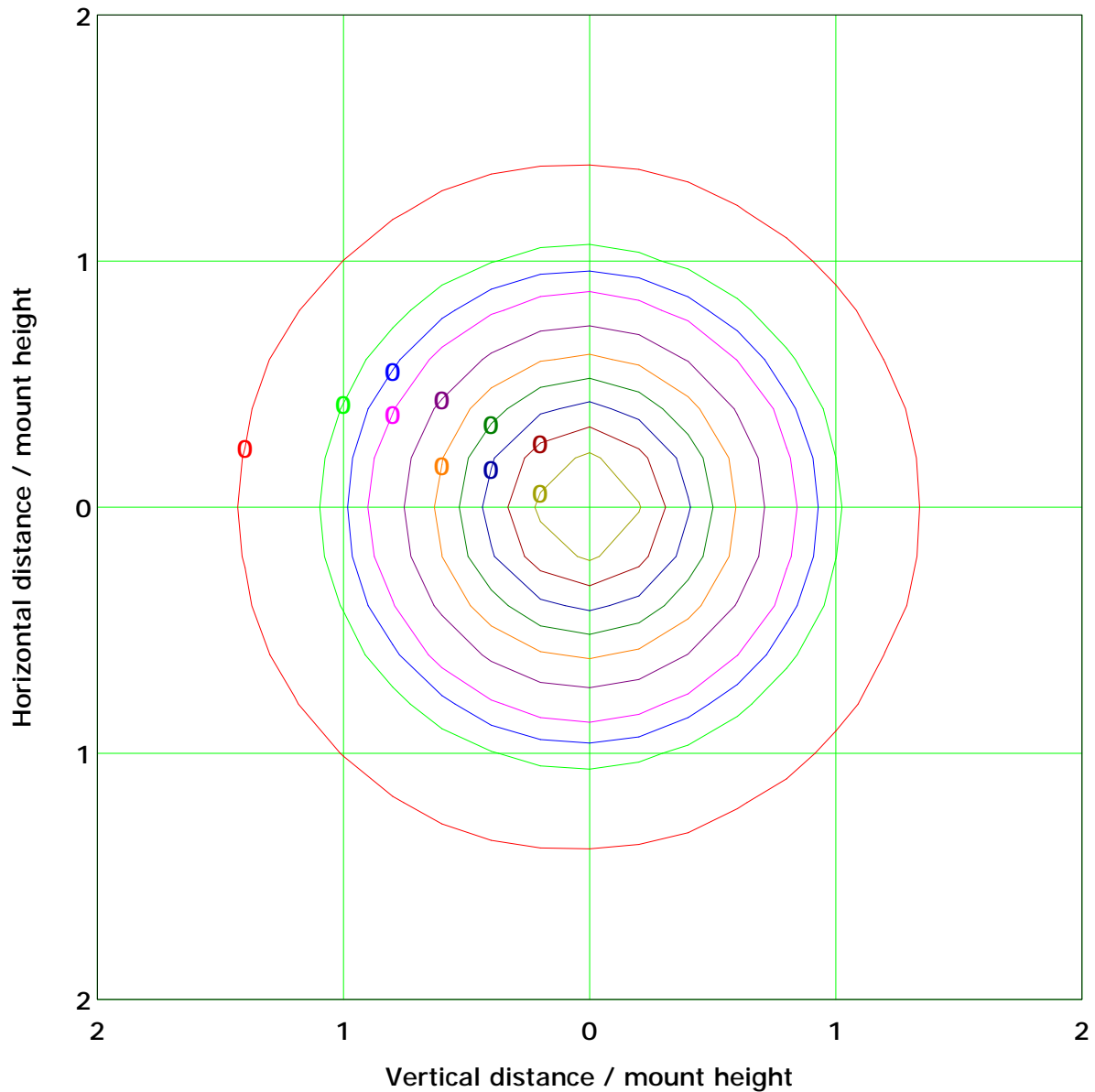
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.4 lx

(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.2 lx	(50%): 0.2 lx
(60%): 0.2 lx	(70%): 0.3 lx
(80%): 0.3 lx	(90%): 0.4 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

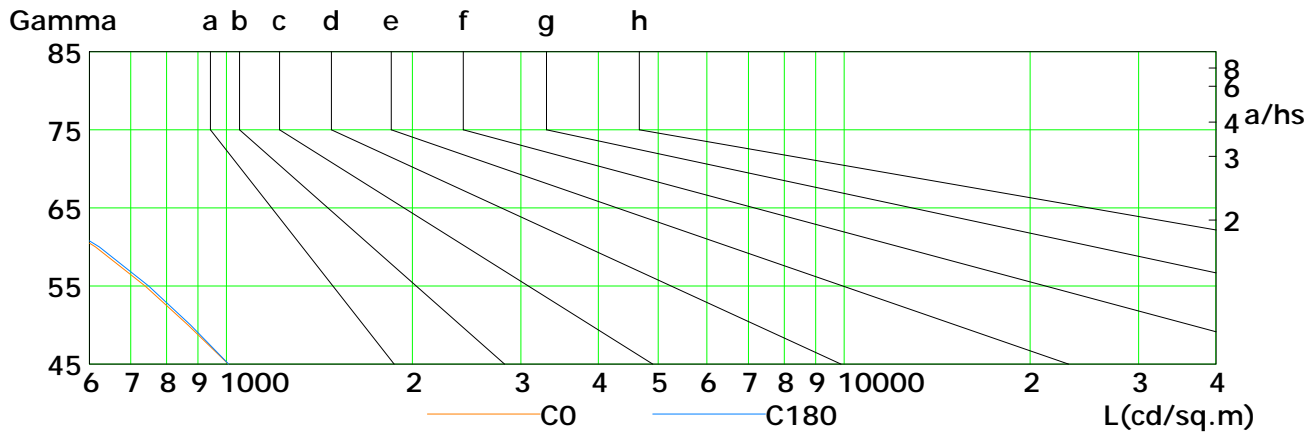
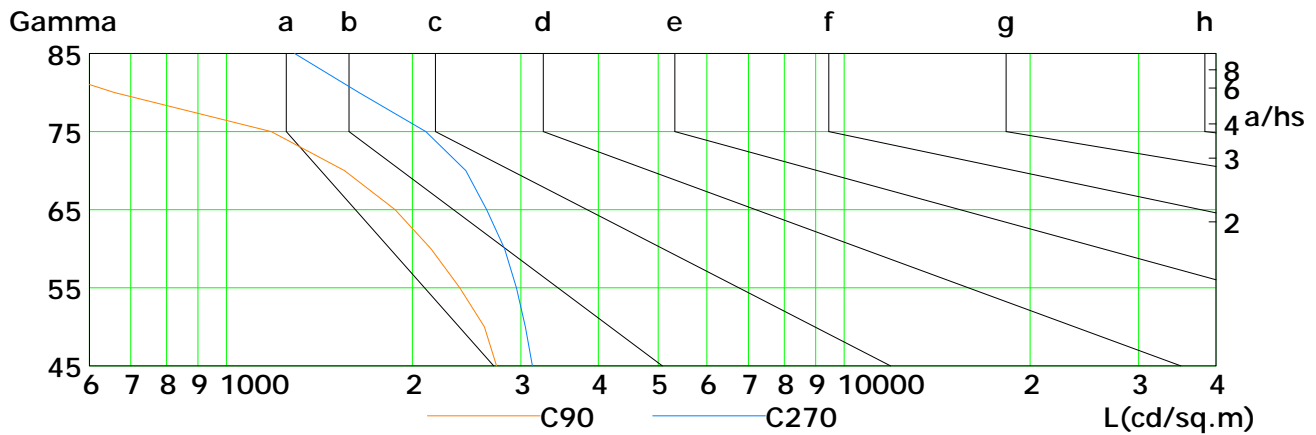
Humidity: 60%

Inspector:

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	1007	867	738	614	491	363	234	120	34
C90	2739	2617	2388	2144	1875	1554	1182	659	420
C180	1009	875	749	623	494	366	248	138	46
C270	3130	3050	2950	2823	2640	2441	2104	1639	1291

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

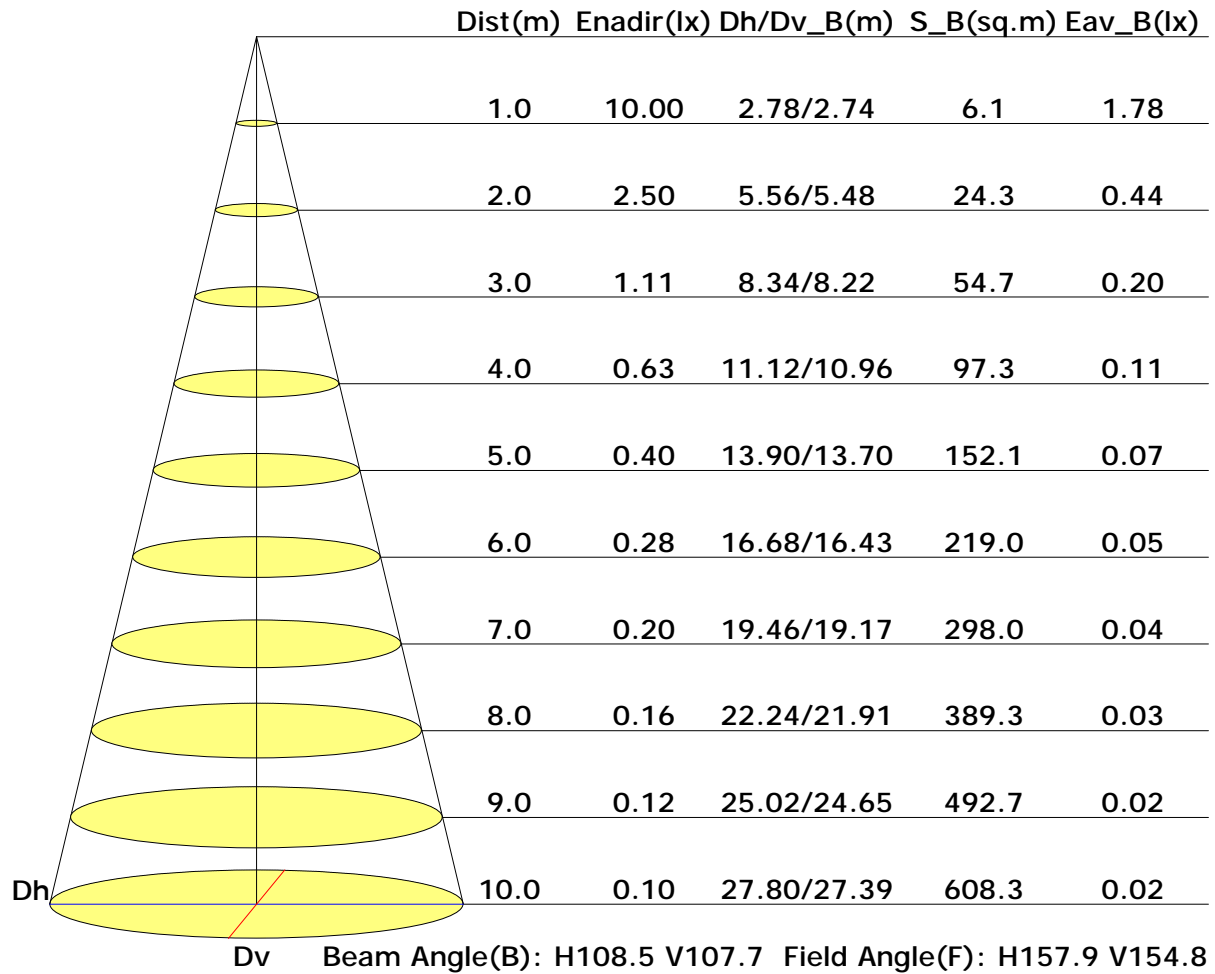
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Illuminance at a Distance



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

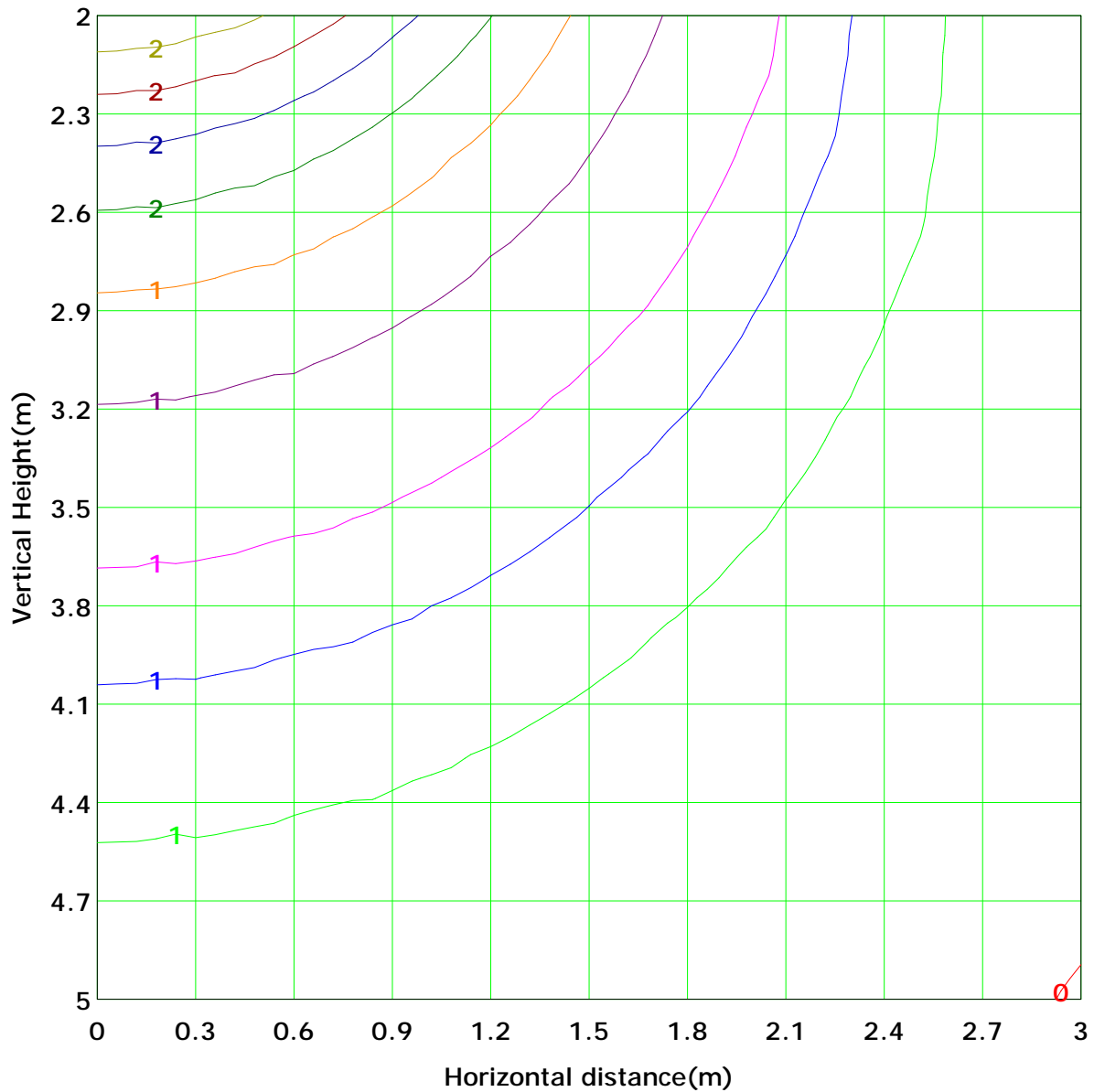
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 2.5 lx
(10%): 0.3 lx	(20%): 0.5 lx	
(25%): 0.6 lx	(30%): 0.8 lx	
(40%): 1.0 lx	(50%): 1.3 lx	
(60%): 1.5 lx	(70%): 1.8 lx	
(80%): 2.0 lx	(90%): 2.3 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

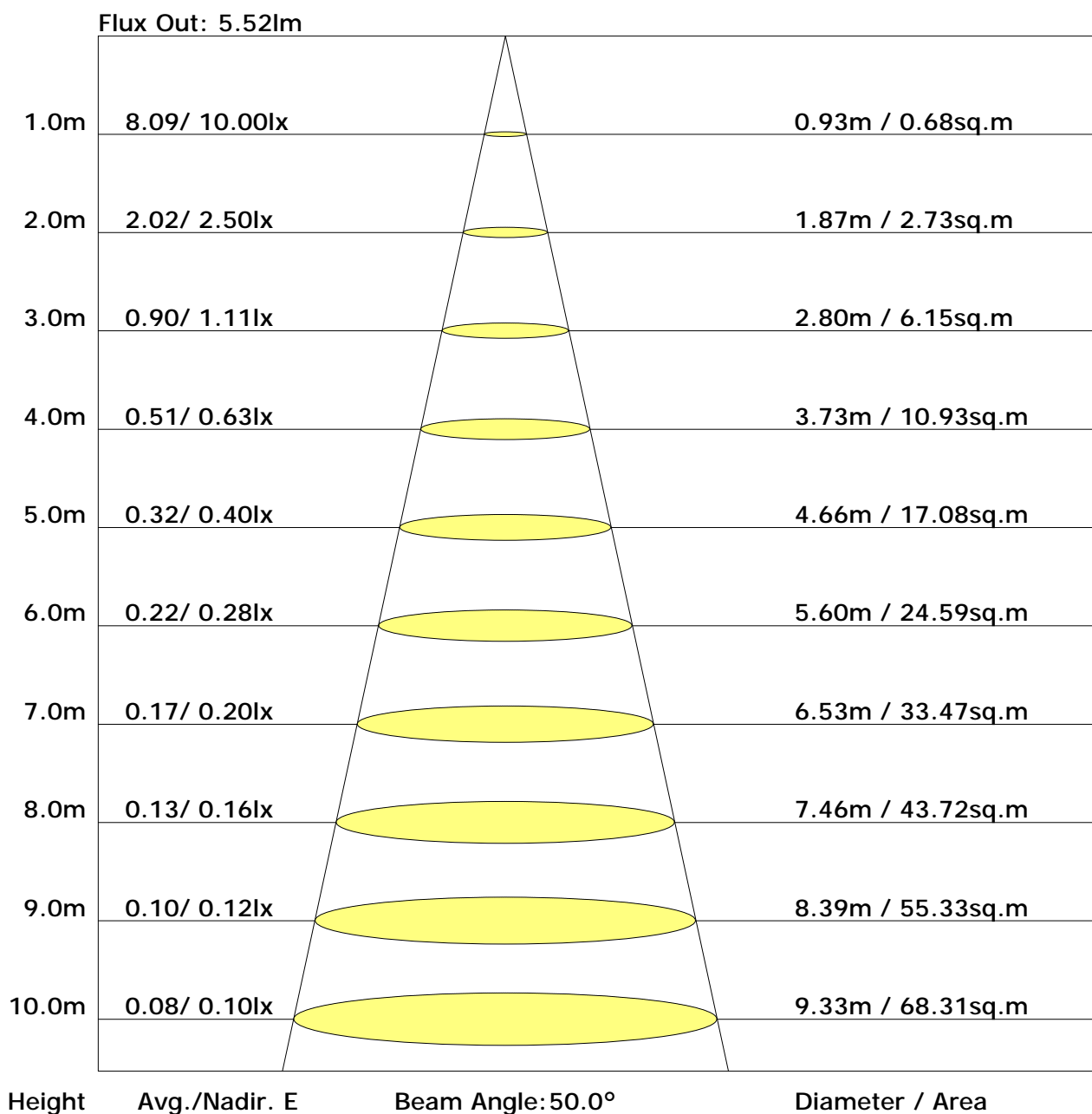
Unit: lm

		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	0.1	0.4	0.9	1.4	2.0	2.5	2.9	3.1	3.1	2.9	2.5	2.0	1.4	0.9	0.4	0.1	0.0	0.0	27	
	Flux(E)	0.0	0.1	0.4	0.8	1.4	2.0	2.5	2.9	3.1	3.1	2.9	2.5	2.0	1.4	0.9	0.4	0.1	0.0	0.0		26

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	25.8	27.3	26.2	27.7	28.1	22.4	24.0	22.8	24.4	24.7
3H	27.4	28.8	27.8	29.2	29.6	23.3	24.7	23.7	25.1	25.5
4H	27.9	29.2	28.3	29.6	30.0	23.5	24.8	23.9	25.2	25.6
6H	28.2	29.4	28.6	29.8	30.3	23.5	24.7	23.9	25.1	25.5
8H	28.3	29.4	28.7	29.9	30.3	23.5	24.6	23.9	25.1	25.5
12H	28.3	29.4	28.7	29.8	30.3	23.4	24.6	23.9	25.0	25.4
X=4H Y=2H	26.0	27.3	26.4	27.7	28.1	23.0	24.3	23.4	24.7	25.1
3H	27.7	28.8	28.2	29.3	29.7	24.0	25.1	24.4	25.5	26.0
4H	28.3	29.3	28.8	29.8	30.2	24.2	25.2	24.7	25.6	26.1
6H	28.7	29.5	29.2	30.0	30.5	24.3	25.1	24.7	25.6	26.1
8H	28.7	29.5	29.2	30.0	30.5	24.2	25.0	24.7	25.5	26.0
12H	28.8	29.5	29.3	30.0	30.5	24.2	24.9	24.7	25.4	26.0
X=8H Y=4H	28.3	29.2	28.8	29.6	30.1	24.3	25.2	24.8	25.6	26.1
6H	28.7	29.4	29.2	29.9	30.4	24.4	25.1	24.9	25.6	26.1
8H	28.8	29.4	29.3	29.9	30.5	24.4	25.0	24.9	25.5	26.0
12H	28.8	29.4	29.4	29.9	30.5	24.4	24.9	24.9	25.4	26.0
X=12H Y=4H	28.3	29.1	28.8	29.6	30.1	24.3	25.1	24.8	25.6	26.1
6H	28.7	29.3	29.3	29.8	30.4	24.4	25.0	24.9	25.5	26.1
8H	28.8	29.3	29.3	29.8	30.4	24.4	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	0.58	0.68	0.75	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.50	0.60	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.44	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.96	0.99
	0.30		0.49	0.59	0.66	0.72	0.79	0.85	0.88	0.93	0.96
	0.20		0.44	0.54	0.62	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.54	0.64	0.70	0.75	0.81	0.86	0.89	0.92	0.95
	0.30		0.48	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.43	0.53	0.61	0.66	0.74	0.79	0.83	0.87	0.91
0.00	0.00	0.00	0.41	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86
Rating: 2W 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 = 1.25									
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	0.98	0.80	0.68	0.59	0.47	0.39	0.33	0.25	0.21	
	0.30		0.81	0.69	0.59	0.52	0.42	0.35	0.31	0.24	0.20	
	0.20		0.70	0.60	0.52	0.47	0.39	0.33	0.28	0.23	0.19	
0.50	0.50	0.20	0.94	0.77	0.65	0.56	0.44	0.40	0.31	0.24	0.20	
	0.30		0.79	0.67	0.57	0.50	0.41	0.34	0.29	0.23	0.19	
	0.20		0.69	0.59	0.51	0.46	0.37	0.32	0.27	0.22	0.18	
0.30	0.50	0.20	0.91	0.73	0.62	0.54	0.42	0.35	0.30	0.23	0.19	
	0.30		0.77	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.50	0.45	0.36	0.31	0.26	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	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.18
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.21	0.22	0.22
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	10.0	0.0	0.0	0.04	0.04
1.0-2.0	10.0	0.0	0.0	0.11	0.14
2.0-3.0	10.0	0.0	0.1	0.17	0.31
3.0-4.0	9.9	0.1	0.2	0.24	0.56
4.0-5.0	9.9	0.1	0.2	0.31	0.87
5.0-6.0	9.9	0.1	0.3	0.38	1.26
6.0-7.0	9.9	0.1	0.5	0.45	1.71
7.0-8.0	9.9	0.1	0.6	0.52	2.23
8.0-9.0	9.8	0.2	0.8	0.58	2.81
9.0-10.0	9.8	0.2	0.9	0.65	3.46
10.0-11.0	9.8	0.2	1.1	0.72	4.18
11.0-12.0	9.7	0.2	1.4	0.78	4.96
12.0-13.0	9.7	0.2	1.6	0.84	5.80
13.0-14.0	9.6	0.2	1.8	0.90	6.70
14.0-15.0	9.6	0.3	2.1	0.96	7.67
15.0-16.0	9.5	0.3	2.4	1.02	8.69
16.0-17.0	9.5	0.3	2.7	1.08	9.77
17.0-18.0	9.4	0.3	3.0	1.14	10.91
18.0-19.0	9.3	0.3	3.3	1.19	12.09
19.0-20.0	9.2	0.3	3.6	1.24	13.34
20.0-21.0	9.2	0.4	4.0	1.29	14.63
21.0-22.0	9.1	0.4	4.4	1.34	15.97
22.0-23.0	9.0	0.4	4.7	1.39	17.36
23.0-24.0	8.9	0.4	5.1	1.43	18.79
24.0-25.0	8.8	0.4	5.5	1.48	20.27
25.0-26.0	8.7	0.4	5.9	1.51	21.78
26.0-27.0	8.6	0.4	6.4	1.55	23.33
27.0-28.0	8.5	0.4	6.8	1.59	24.92
28.0-29.0	8.4	0.4	7.2	1.62	26.54
29.0-30.0	8.3	0.5	7.7	1.65	28.19
30.0-31.0	8.2	0.5	8.1	1.68	29.87
31.0-32.0	8.1	0.5	8.6	1.71	31.58
32.0-33.0	8.0	0.5	9.1	1.73	33.32
33.0-34.0	7.9	0.5	9.6	1.75	35.07
34.0-35.0	7.8	0.5	10.0	1.77	36.84
35.0-36.0	7.7	0.5	10.5	1.79	38.63

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	7.5	0.5	11.0	1.80	40.43
37.0-38.0	7.4	0.5	11.5	1.81	42.25
38.0-39.0	7.3	0.5	12.0	1.82	44.07
39.0-40.0	7.1	0.5	12.5	1.83	45.90
40.0-41.0	7.0	0.5	13.0	1.83	47.73
41.0-42.0	6.9	0.5	13.5	1.84	49.57
42.0-43.0	6.7	0.5	14.0	1.83	51.40
43.0-44.0	6.6	0.5	14.5	1.83	53.24
44.0-45.0	6.5	0.5	15.0	1.83	55.06
45.0-46.0	6.3	0.5	15.5	1.81	56.88
46.0-47.0	6.2	0.5	16.0	1.80	58.68
47.0-48.0	6.0	0.5	16.5	1.79	60.47
48.0-49.0	5.9	0.5	17.0	1.77	62.24
49.0-50.0	5.7	0.5	17.4	1.75	64.00
50.0-51.0	5.6	0.5	17.9	1.73	65.73
51.0-52.0	5.4	0.5	18.4	1.71	67.44
52.0-53.0	5.3	0.5	18.8	1.68	69.11
53.0-54.0	5.1	0.4	19.3	1.65	70.76
54.0-55.0	4.9	0.4	19.7	1.62	72.38
55.0-56.0	4.8	0.4	20.2	1.58	73.96
56.0-57.0	4.6	0.4	20.6	1.55	75.51
57.0-58.0	4.4	0.4	21.0	1.51	77.02
58.0-59.0	4.3	0.4	21.4	1.47	78.49
59.0-60.0	4.1	0.4	21.8	1.43	79.91
60.0-61.0	3.9	0.4	22.2	1.38	81.29
61.0-62.0	3.8	0.4	22.5	1.33	82.63
62.0-63.0	3.6	0.3	22.9	1.28	83.91
63.0-64.0	3.4	0.3	23.2	1.23	85.14
64.0-65.0	3.2	0.3	23.5	1.18	86.32
65.0-66.0	3.1	0.3	23.8	1.13	87.45
66.0-67.0	2.9	0.3	24.1	1.07	88.52
67.0-68.0	2.7	0.3	24.4	1.01	89.54
68.0-69.0	2.6	0.3	24.7	0.95	90.49
69.0-70.0	2.4	0.2	24.9	0.90	91.39
70.0-71.0	2.2	0.2	25.1	0.85	92.24
71.0-72.0	2.0	0.2	25.4	0.78	93.02

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	1.9	0.2	25.6	0.72	93.74
73.0-74.0	1.7	0.2	25.7	0.66	94.40
74.0-75.0	1.6	0.2	25.9	0.60	95.00
75.0-76.0	1.4	0.1	26.0	0.54	95.55
76.0-77.0	1.2	0.1	26.2	0.49	96.03
77.0-78.0	1.1	0.1	26.3	0.43	96.46
78.0-79.0	0.9	0.1	26.4	0.37	96.83
79.0-80.0	0.8	0.1	26.5	0.32	97.16
80.0-81.0	0.7	0.1	26.6	0.27	97.43
81.0-82.0	0.6	0.1	26.6	0.23	97.66
82.0-83.0	0.5	0.1	26.7	0.19	97.84
83.0-84.0	0.4	0.0	26.7	0.15	97.99
84.0-85.0	0.3	0.0	26.7	0.11	98.11
85.0-86.0	0.2	0.0	26.8	0.09	98.20
86.0-87.0	0.2	0.0	26.8	0.07	98.27
87.0-88.0	0.1	0.0	26.8	0.05	98.32
88.0-89.0	0.1	0.0	26.8	0.04	98.36
89.0-90.0	0.1	0.0	26.8	0.03	98.39
90.0-91.0	0.1	0.0	26.8	0.02	98.41
91.0-92.0	0.1	0.0	26.8	0.02	98.44
92.0-93.0	0.1	0.0	26.8	0.02	98.46
93.0-94.0	0.0	0.0	26.8	0.02	98.48
94.0-95.0	0.0	0.0	26.9	0.02	98.50
95.0-96.0	0.0	0.0	26.9	0.02	98.51
96.0-97.0	0.1	0.0	26.9	0.02	98.53
97.0-98.0	0.0	0.0	26.9	0.02	98.55
98.0-99.0	0.0	0.0	26.9	0.02	98.57
99.0-100.0	0.0	0.0	26.9	0.02	98.59
100.0-101.0	0.0	0.0	26.9	0.02	98.60
101.0-102.0	0.1	0.0	26.9	0.02	98.62
102.0-103.0	0.0	0.0	26.9	0.02	98.64
103.0-104.0	0.0	0.0	26.9	0.02	98.66
104.0-105.0	0.0	0.0	26.9	0.02	98.68
105.0-106.0	0.0	0.0	26.9	0.02	98.69
106.0-107.0	0.0	0.0	26.9	0.02	98.71
107.0-108.0	0.0	0.0	26.9	0.02	98.73

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	26.9	0.02	98.75
109.0-110.0	0.1	0.0	26.9	0.02	98.77
110.0-111.0	0.1	0.0	26.9	0.02	98.80
111.0-112.0	0.1	0.0	26.9	0.02	98.82
112.0-113.0	0.1	0.0	26.9	0.02	98.84
113.0-114.0	0.1	0.0	26.9	0.02	98.86
114.0-115.0	0.1	0.0	27.0	0.02	98.88
115.0-116.0	0.1	0.0	27.0	0.02	98.90
116.0-117.0	0.1	0.0	27.0	0.02	98.93
117.0-118.0	0.1	0.0	27.0	0.02	98.95
118.0-119.0	0.1	0.0	27.0	0.02	98.97
119.0-120.0	0.1	0.0	27.0	0.02	99.00
120.0-121.0	0.1	0.0	27.0	0.02	99.02
121.0-122.0	0.1	0.0	27.0	0.02	99.04
122.0-123.0	0.1	0.0	27.0	0.02	99.06
123.0-124.0	0.1	0.0	27.0	0.02	99.08
124.0-125.0	0.1	0.0	27.0	0.02	99.11
125.0-126.0	0.1	0.0	27.0	0.02	99.13
126.0-127.0	0.1	0.0	27.0	0.02	99.15
127.0-128.0	0.1	0.0	27.0	0.02	99.18
128.0-129.0	0.1	0.0	27.0	0.02	99.20
129.0-130.0	0.1	0.0	27.0	0.02	99.22
130.0-131.0	0.1	0.0	27.1	0.03	99.25
131.0-132.0	0.1	0.0	27.1	0.03	99.28
132.0-133.0	0.1	0.0	27.1	0.03	99.30
133.0-134.0	0.1	0.0	27.1	0.03	99.33
134.0-135.0	0.1	0.0	27.1	0.03	99.35
135.0-136.0	0.1	0.0	27.1	0.02	99.38
136.0-137.0	0.1	0.0	27.1	0.02	99.40
137.0-138.0	0.1	0.0	27.1	0.02	99.42
138.0-139.0	0.1	0.0	27.1	0.02	99.45
139.0-140.0	0.1	0.0	27.1	0.03	99.47
140.0-141.0	0.1	0.0	27.1	0.02	99.50
141.0-142.0	0.1	0.0	27.1	0.02	99.52
142.0-143.0	0.1	0.0	27.1	0.02	99.54
143.0-144.0	0.1	0.0	27.1	0.02	99.56

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	0.1	0.0	27.1	0.02	99.58
145.0-146.0	0.1	0.0	27.2	0.02	99.60
146.0-147.0	0.1	0.0	27.2	0.02	99.62
147.0-148.0	0.1	0.0	27.2	0.02	99.65
148.0-149.0	0.1	0.0	27.2	0.02	99.67
149.0-150.0	0.1	0.0	27.2	0.02	99.69
150.0-151.0	0.1	0.0	27.2	0.02	99.71
151.0-152.0	0.1	0.0	27.2	0.02	99.73
152.0-153.0	0.1	0.0	27.2	0.02	99.74
153.0-154.0	0.1	0.0	27.2	0.02	99.76
154.0-155.0	0.1	0.0	27.2	0.02	99.78
155.0-156.0	0.1	0.0	27.2	0.02	99.80
156.0-157.0	0.1	0.0	27.2	0.02	99.81
157.0-158.0	0.1	0.0	27.2	0.01	99.82
158.0-159.0	0.1	0.0	27.2	0.02	99.84
159.0-160.0	0.1	0.0	27.2	0.01	99.85
160.0-161.0	0.1	0.0	27.2	0.01	99.87
161.0-162.0	0.1	0.0	27.2	0.01	99.88
162.0-163.0	0.1	0.0	27.2	0.01	99.89
163.0-164.0	0.1	0.0	27.2	0.01	99.90
164.0-165.0	0.1	0.0	27.2	0.01	99.92
165.0-166.0	0.1	0.0	27.2	0.01	99.93
166.0-167.0	0.1	0.0	27.2	0.01	99.94
167.0-168.0	0.1	0.0	27.2	0.01	99.95
168.0-169.0	0.1	0.0	27.2	0.01	99.95
169.0-170.0	0.1	0.0	27.3	0.01	99.96
170.0-171.0	0.1	0.0	27.3	0.01	99.97
171.0-172.0	0.1	0.0	27.3	0.01	99.98
172.0-173.0	0.1	0.0	27.3	0.01	99.98
173.0-174.0	0.1	0.0	27.3	0.01	99.99
174.0-175.0	0.1	0.0	27.3	0.00	99.99
175.0-176.0	0.1	0.0	27.3	0.00	99.99
176.0-177.0	0.1	0.0	27.3	0.00	100.00
177.0-178.0	0.1	0.0	27.3	0.00	100.00
178.0-179.0	0.1	0.0	27.3	0.00	100.00
179.0-180.0	0.1	0.0	27.3	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: