GENLED Brands
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Report No.: **Test Time: 2023/10/7 09:50**

Luminaire Property

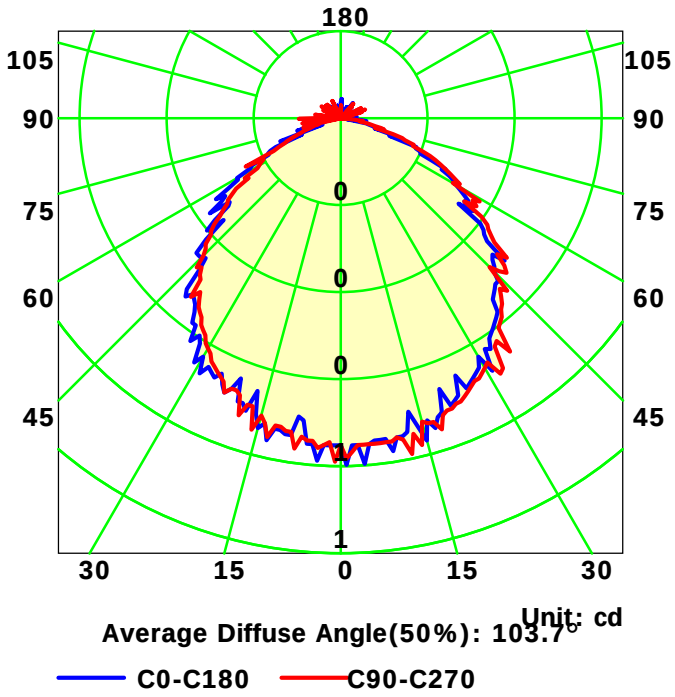
Luminaire Manufacturer: Acolyte
Luminaire Category: TRINODE RGB2700K-1W-UCS8904- Blue only
Luminaire Description: CLEAR FLAT IP67 **Lamp Catalog: NODE**
Lamp Description: 3 nodes **BLUE** **Luminous Length (mm): 250**
Luminous Width (mm): 50 **Luminous Height (mm): 30**
Voltage: 24.0 V **Current: 0.052 A**
Power: 1.24 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 2.7 lm**
Measurement Flux: 2.7 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H150.1,H103.3
Vertical Diffuse Angle(10%,50%): V166.5,V104
Luminaire Efficacy Rating (LER): 2 **Central Intensity: 1.01 cd**
Max. Intensity: 1.08 cd **Pos of Max. Intensity: H0 V1**

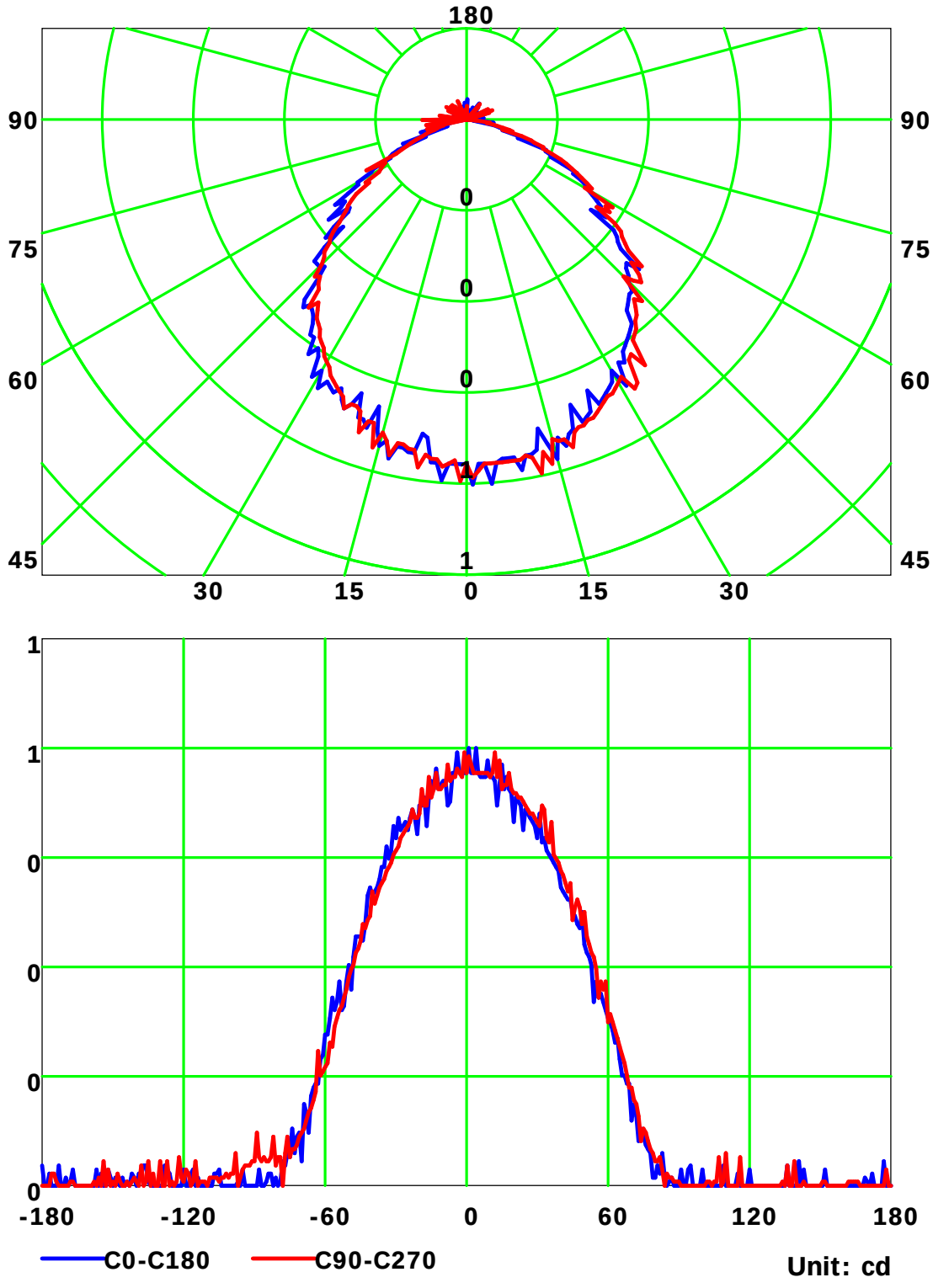
Picture Of Luminaire

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Nick **Inspector:**

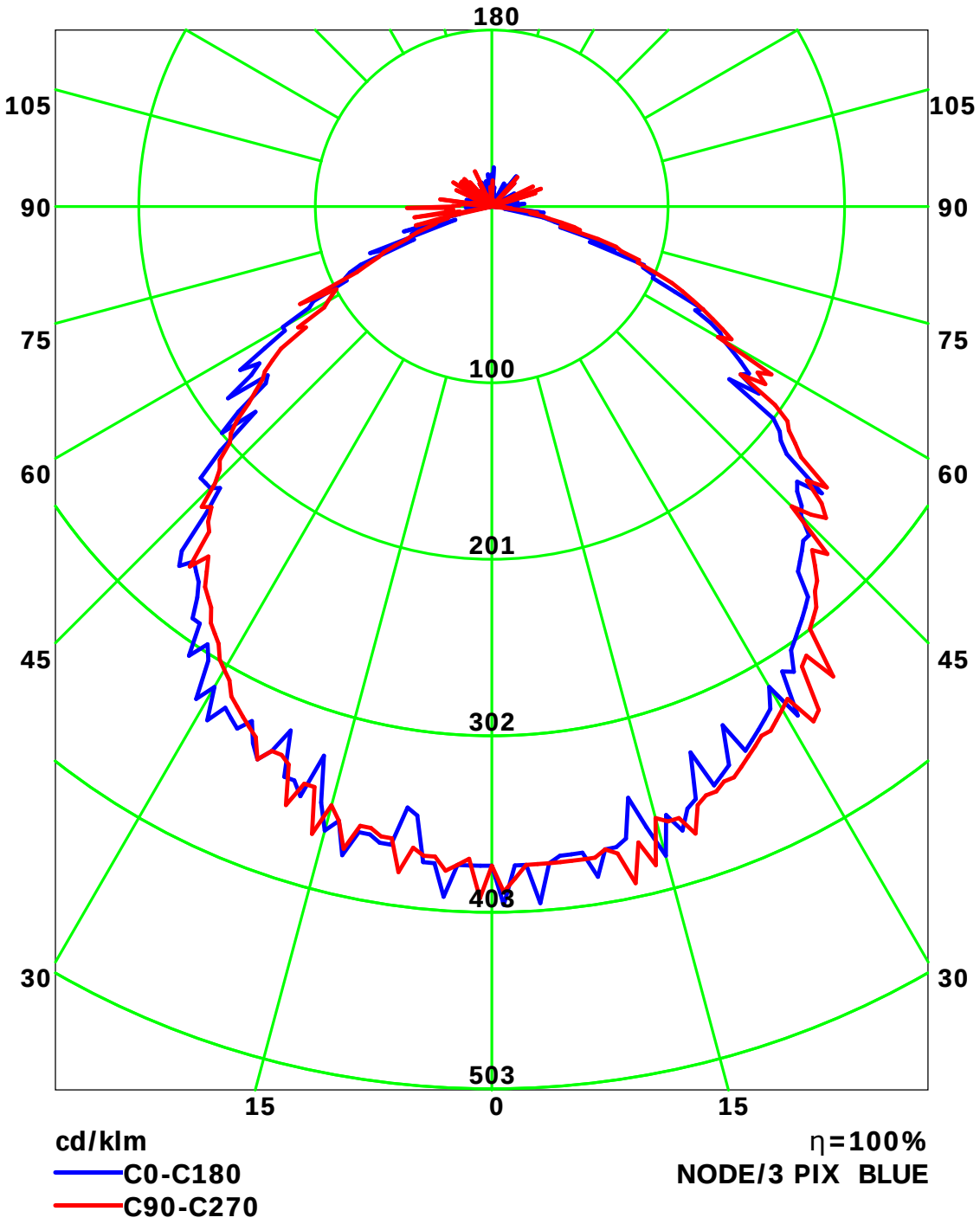
Luminous Intensity Distribution Curve



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

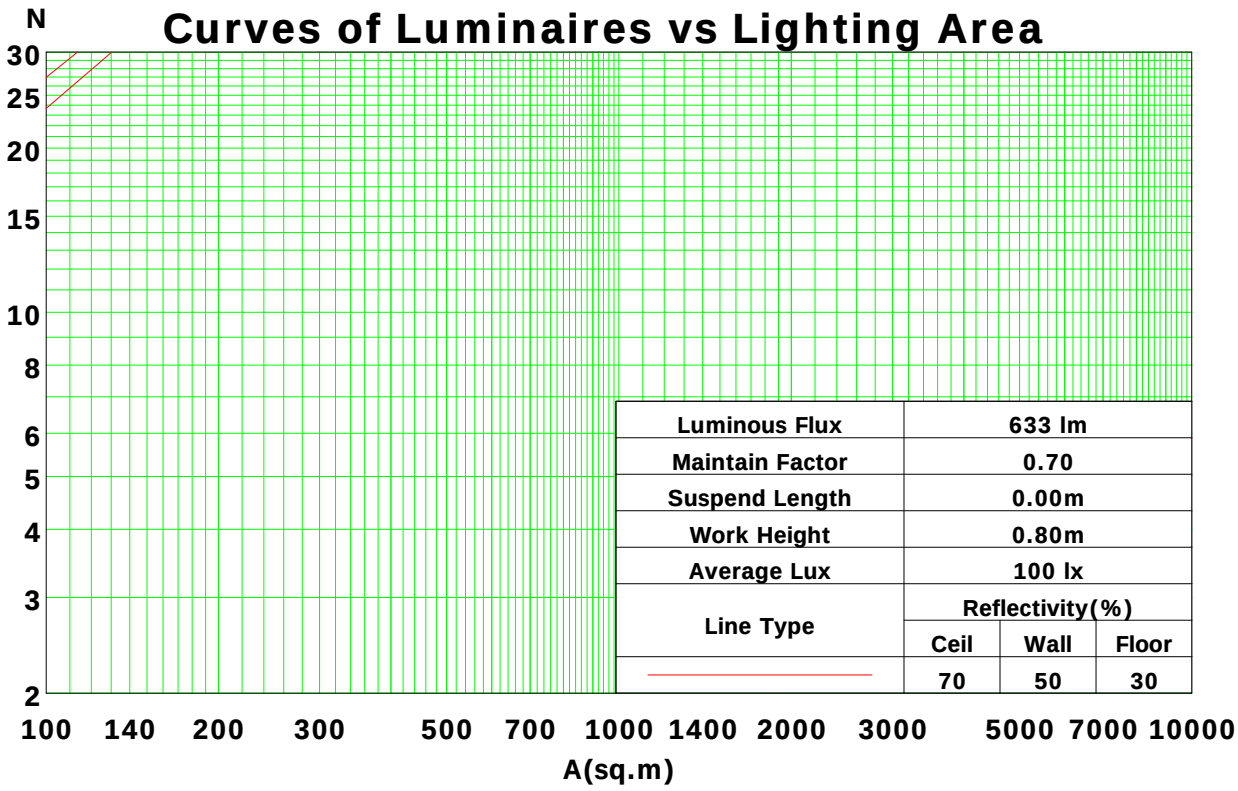
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	105	105	105	100	100	100	98
1	109	105	101	97	106	102	99	96	98	95	92	94	91	89	90	88	86	84
2	100	92	86	81	97	90	84	79	86	81	77	83	79	75	79	76	73	71
3	91	82	74	68	89	80	73	67	77	71	66	74	68	64	71	66	63	61
4	84	73	64	58	82	71	63	57	68	62	56	66	60	55	63	58	54	52
5	77	65	56	50	75	64	56	50	61	54	49	59	53	48	57	52	47	45
6	71	59	50	44	69	58	49	44	56	48	43	54	47	42	52	46	42	40
7	66	53	45	39	64	52	44	39	51	43	38	49	43	38	47	42	37	35
8	62	49	40	35	60	48	40	34	46	39	34	45	38	34	44	38	33	32
9	58	45	37	31	56	44	36	31	43	36	31	41	35	30	40	34	30	28
10	54	41	33	28	53	41	33	28	39	33	28	38	32	28	37	32	27	26

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.29
Spacing Criteria (Diagonal): 1.36

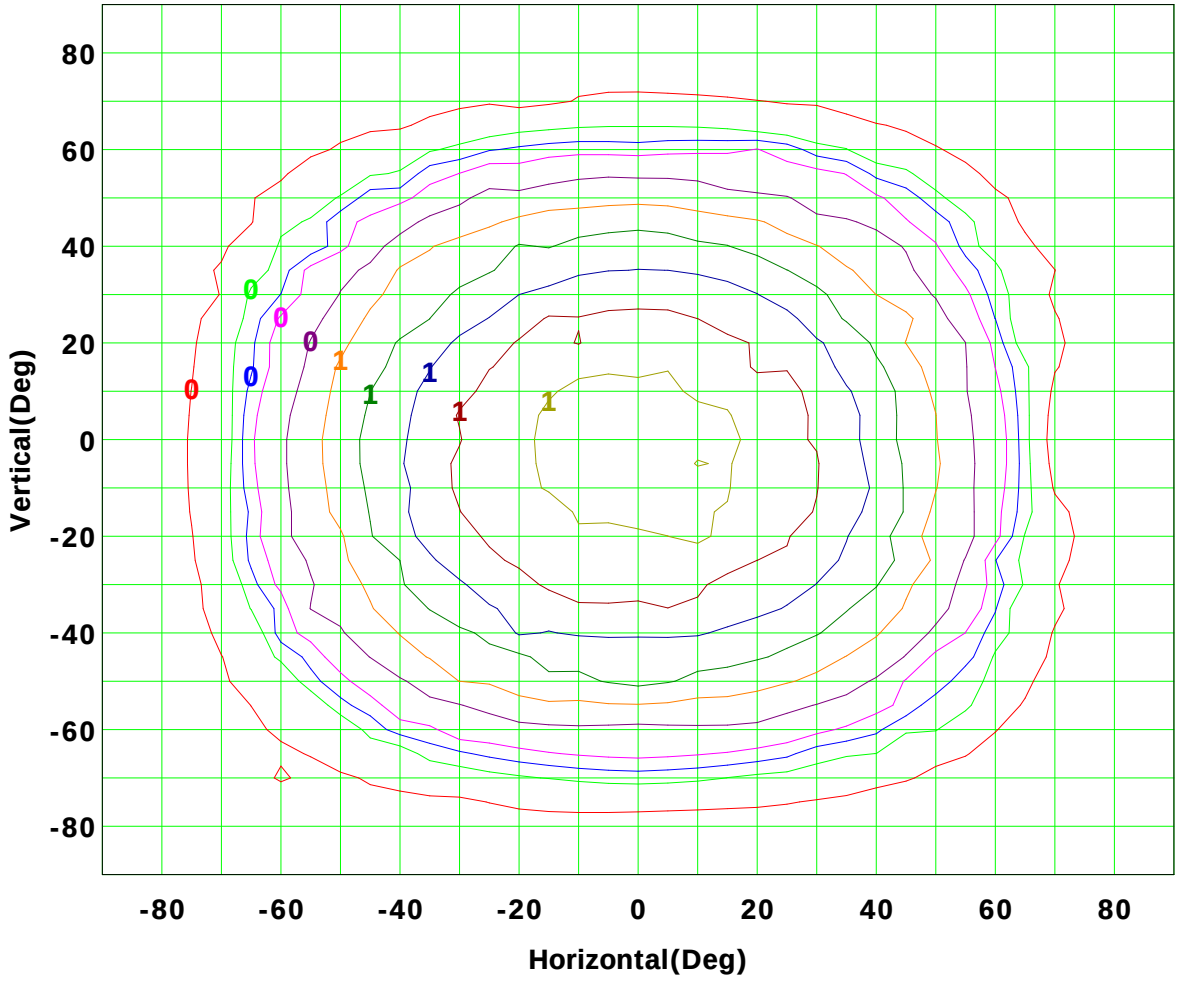
Curves of Luminaires vs Lighting Area



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)



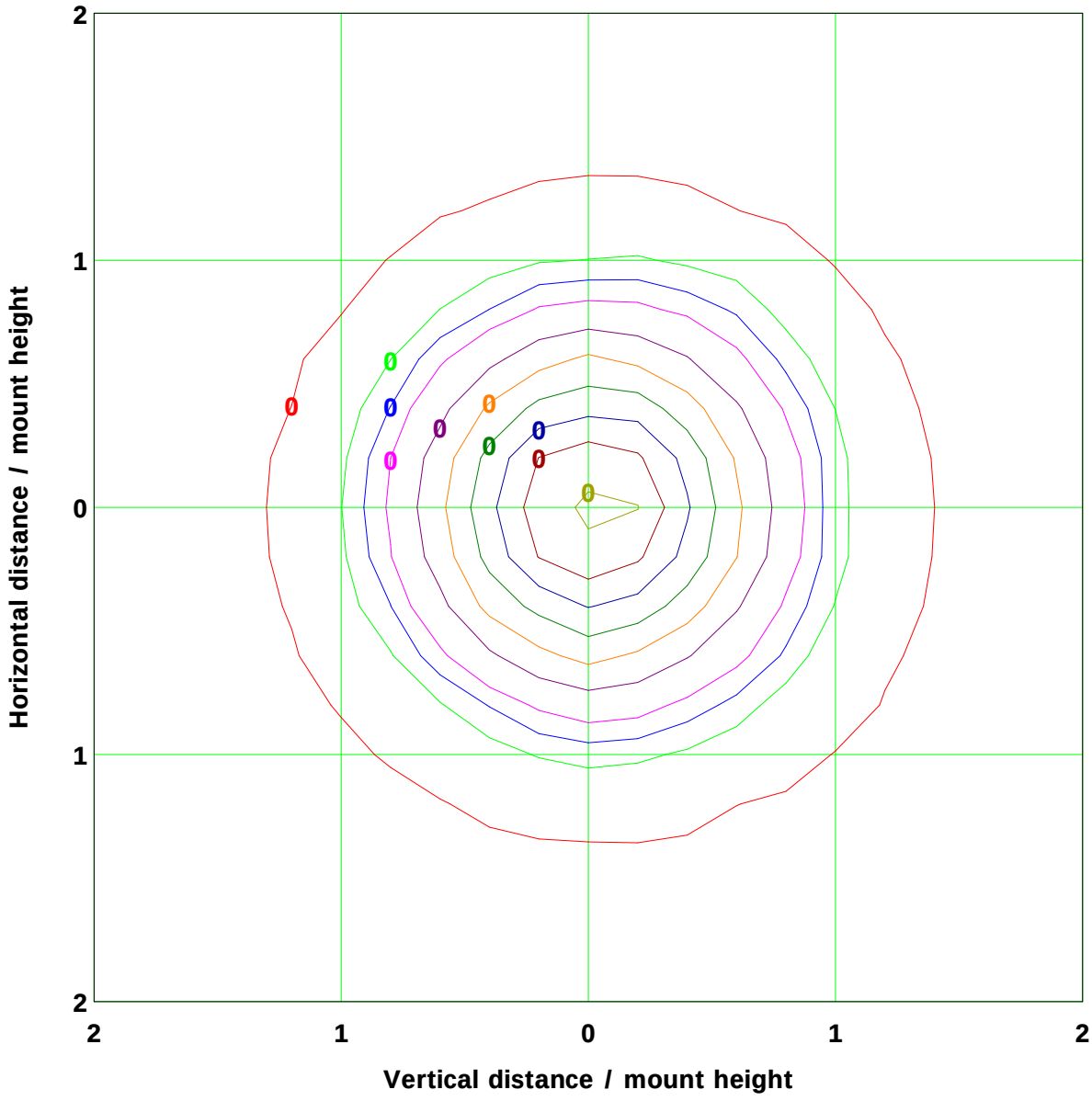
Imax (100%): 1 cd

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



Mounting Height: 5.0m Max Lux(100%): 0.0 lx

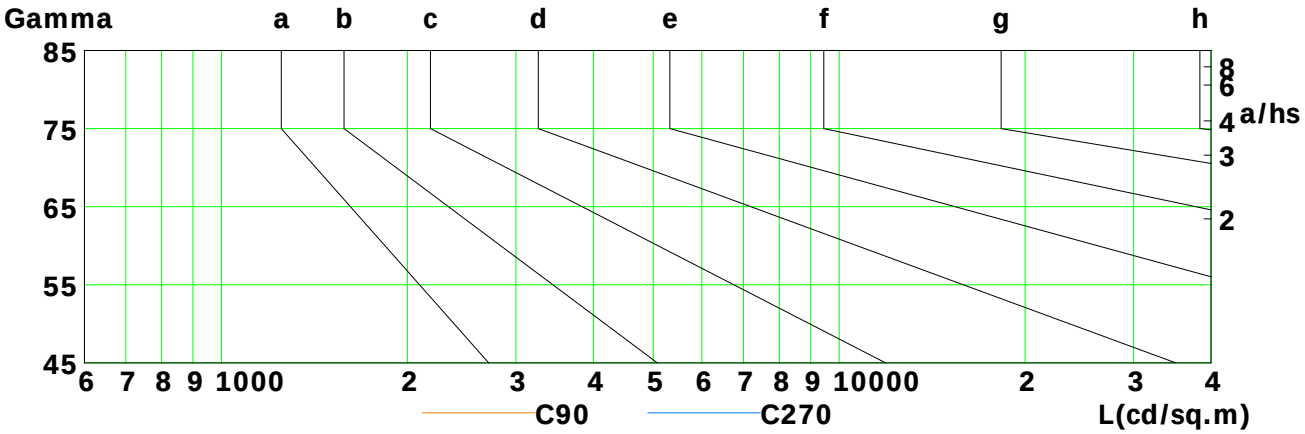
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.0 lx
(40%): 0.0 lx	(50%): 0.0 lx
(60%): 0.0 lx	(70%): 0.0 lx
(80%): 0.0 lx	(90%): 0.0 lx

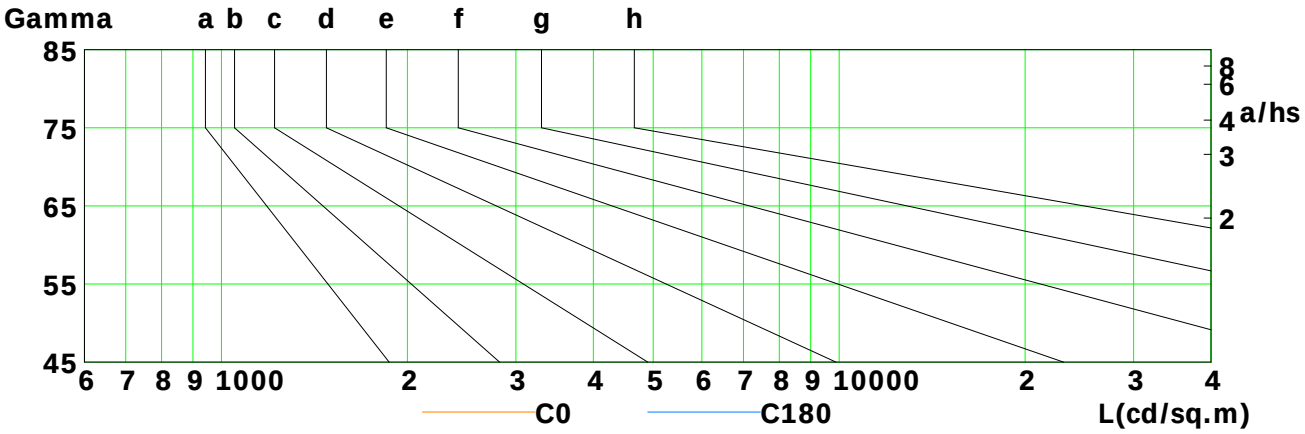
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



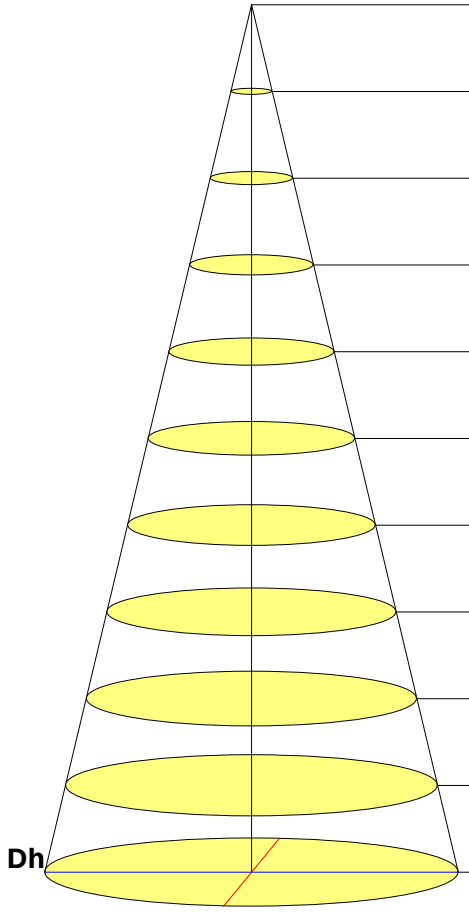


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	47	43	38	32	26	14	11	2	0
C90	66	73	63	53	51	42	30	16	12
C180	43	39	34	29	20	5	7	0	1
C270	61	56	49	38	32	23	15	19	23

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



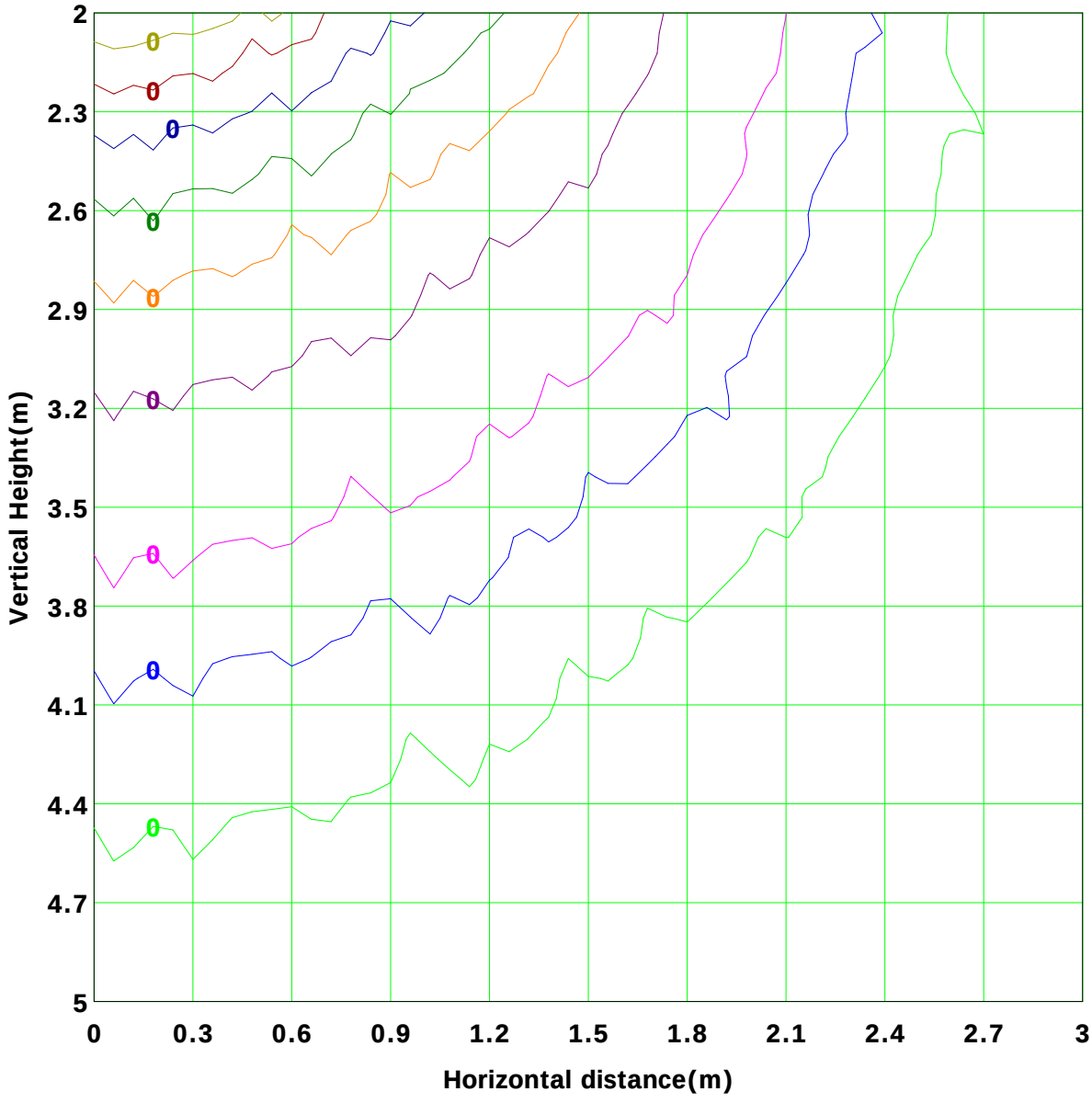
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1.01	2.53/2.56	5.6	0.19
2.0	0.25	5.06/5.12	22.4	0.05
3.0	0.11	7.58/7.68	50.3	0.02
4.0	0.06	10.11/10.24	89.5	0.01
5.0	0.04	12.64/12.80	139.8	0.01
6.0	0.03	15.17/15.36	201.4	0.01
7.0	0.02	17.70/17.92	274.1	0.00
8.0	0.02	20.23/20.48	358.0	0.00
9.0	0.01	22.75/23.04	453.1	0.00
10.0	0.01	25.28/25.60	559.4	0.00

Beam Angle(B): H103.3 V104.0 Field Angle(F): H150.1 V166.5

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: 0.3 lx

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

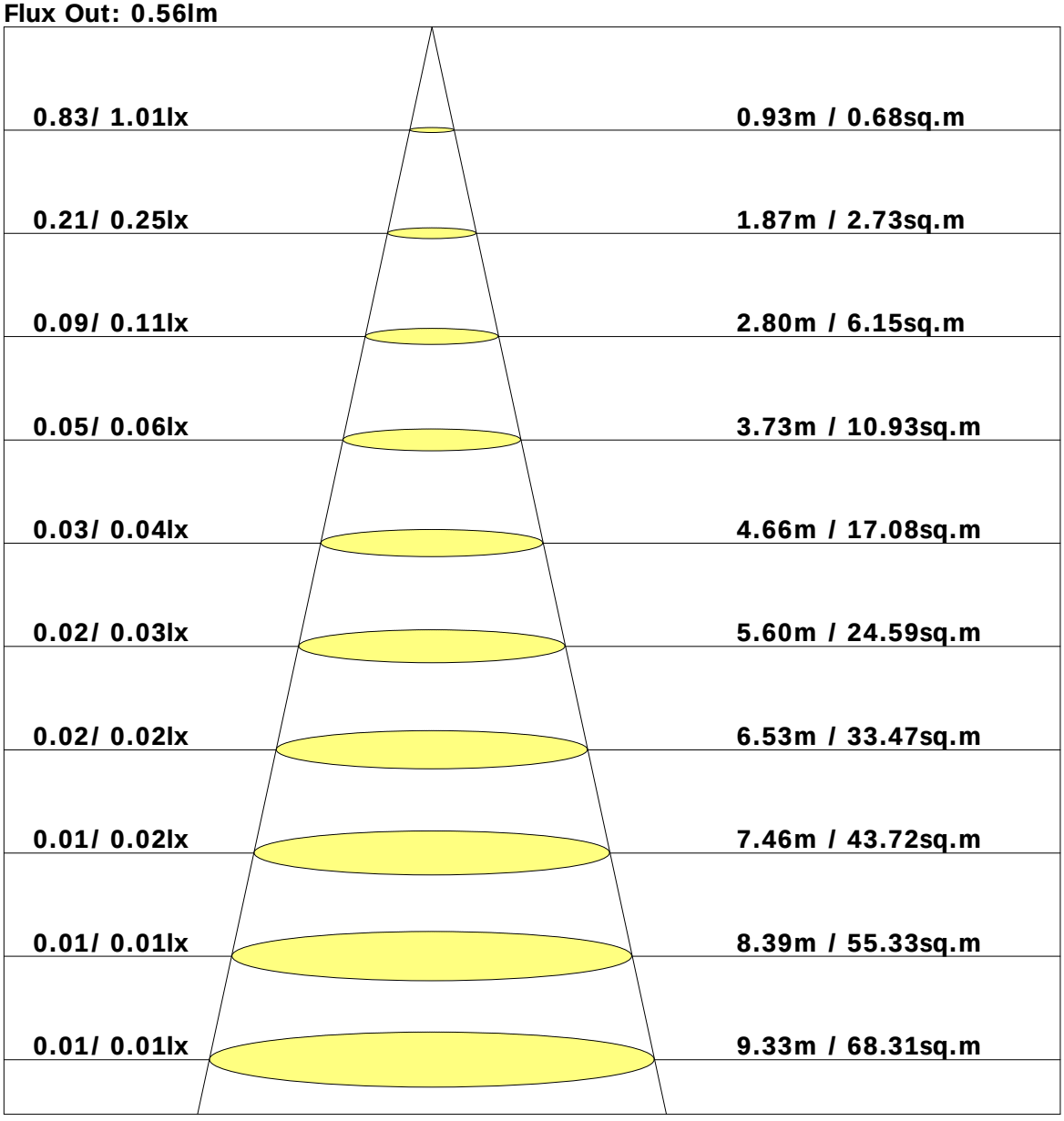
Horizontal plane	Vertical plane																									
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	0.1
-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	0.1	0.1
-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	0.2	0.2
-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	0.2	0.2
-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	0.3	0.3
-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	0.3	0.3
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
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	0.3	0.3
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	0.3	0.2
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	0.2	0.2
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	0.1	0.1
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	0.1	0.1
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)	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	3	
Flux(E)	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0		3

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

Flux Out: 0.56lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	0.83/ 1.01lx		0.93m / 0.68sq.m
2.0m	0.21/ 0.25lx		1.87m / 2.73sq.m
3.0m	0.09/ 0.11lx		2.80m / 6.15sq.m
4.0m	0.05/ 0.06lx		3.73m / 10.93sq.m
5.0m	0.03/ 0.04lx		4.66m / 17.08sq.m
6.0m	0.02/ 0.03lx		5.60m / 24.59sq.m
7.0m	0.02/ 0.02lx		6.53m / 33.47sq.m
8.0m	0.01/ 0.02lx		7.46m / 43.72sq.m
9.0m	0.01/ 0.01lx		8.39m / 55.33sq.m
10.0m	0.01/ 0.01lx		9.33m / 68.31sq.m

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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	22.0	23.5	22.4	23.8	24.2	21.7	23.2	22.1	23.6	24.0
3H	23.3	24.6	23.7	25.0	25.4	22.7	24.1	23.1	24.4	24.9
4H	23.6	24.8	24.0	25.3	25.7	22.9	24.1	23.3	24.5	25.0
6H	23.7	24.8	24.1	25.3	25.7	22.9	24.1	23.4	24.5	25.0
8H	23.7	24.8	24.2	25.2	25.7	23.0	24.1	23.4	24.5	25.0
12H	23.7	24.8	24.2	25.2	25.7	22.9	24.0	23.4	24.4	24.9
X=4H Y=2H	22.2	23.5	22.7	23.9	24.3	22.1	23.4	22.6	23.8	24.3
3H	23.6	24.6	24.0	25.1	25.5	23.3	24.4	23.8	24.8	25.3
4H	23.9	24.8	24.4	25.3	25.8	23.5	24.5	24.0	25.0	25.4
6H	24.1	24.9	24.5	25.4	25.9	23.7	24.5	24.2	25.0	25.5
8H	24.1	24.9	24.6	25.4	25.9	23.7	24.5	24.2	25.0	25.5
12H	24.1	24.8	24.6	25.3	25.9	23.7	24.4	24.2	24.9	25.4
X=8H Y=4H	23.9	24.7	24.4	25.2	25.7	23.6	24.4	24.1	24.9	25.4
6H	24.1	24.7	24.7	25.3	25.8	23.8	24.4	24.3	25.0	25.5
8H	24.2	24.7	24.7	25.3	25.8	23.8	24.4	24.4	24.9	25.5
12H	24.2	24.7	24.8	25.2	25.9	23.8	24.3	24.4	24.8	25.5
X=12H Y=4H	23.9	24.6	24.4	25.1	25.6	23.6	24.3	24.1	24.8	25.4
6H	24.1	24.7	24.7	25.2	25.8	23.8	24.3	24.3	24.9	25.5
8H	24.2	24.7	24.7	25.2	25.8	23.8	24.3	24.4	24.9	25.5

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	0.59	0.69	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.51	0.62	0.70	0.76	0.83	0.89	0.92	0.97	1.01
	0.20		0.46	0.57	0.65	0.71	0.79	0.84	0.89	0.94	0.98
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.86	0.90	0.93	0.97	0.99
	0.30		0.50	0.61	0.68	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.45	0.56	0.64	0.69	0.77	0.82	0.86	0.91	0.94
0.30	0.50	0.20	0.55	0.65	0.72	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.60	0.67	0.72	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.68	0.75	0.80	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.53	0.59	0.64	0.71	0.76	0.79	0.83	0.86

Rating:1W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.95	0.77	0.65	0.56	0.44	0.36	0.31	0.24	0.19
	0.30		0.79	0.66	0.56	0.50	0.40	0.33	0.29	0.22	0.18
	0.20		0.68	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.18
0.50	0.50	0.20	0.91	0.73	0.62	0.53	0.42	0.38	0.29	0.22	0.18
	0.30		0.77	0.64	0.54	0.48	0.38	0.32	0.27	0.21	0.17
	0.20		0.67	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17
0.30	0.50	0.20	0.88	0.70	0.59	0.51	0.40	0.32	0.28	0.21	0.17
	0.30		0.75	0.62	0.53	0.46	0.37	0.30	0.26	0.20	0.17
	0.20		0.65	0.55	0.48	0.42	0.34	0.28	0.25	0.19	0.16
0.00	0.00	0.00	0.55	0.45	0.38	0.33	0.26	0.22	0.18	0.14	0.12

Rating:1W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.20	0.20	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18	0.19
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.16	0.18	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18
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:1W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1.0	0.0	0.0	0.04	0.04
1.0-2.0	1.0	0.0	0.0	0.11	0.14
2.0-3.0	1.0	0.0	0.0	0.18	0.32
3.0-4.0	1.0	0.0	0.0	0.25	0.57
4.0-5.0	1.0	0.0	0.0	0.33	0.90
5.0-6.0	1.0	0.0	0.0	0.40	1.30
6.0-7.0	1.0	0.0	0.0	0.46	1.76
7.0-8.0	1.0	0.0	0.1	0.53	2.29
8.0-9.0	1.0	0.0	0.1	0.61	2.90
9.0-10.0	1.0	0.0	0.1	0.67	3.57
10.0-11.0	1.0	0.0	0.1	0.74	4.31
11.0-12.0	1.0	0.0	0.1	0.81	5.12
12.0-13.0	1.0	0.0	0.2	0.88	5.99
13.0-14.0	1.0	0.0	0.2	0.95	6.94
14.0-15.0	1.0	0.0	0.2	1.01	7.95
15.0-16.0	1.0	0.0	0.2	1.06	9.01
16.0-17.0	1.0	0.0	0.3	1.12	10.13
17.0-18.0	1.0	0.0	0.3	1.18	11.31
18.0-19.0	1.0	0.0	0.3	1.24	12.55
19.0-20.0	0.9	0.0	0.4	1.29	13.84
20.0-21.0	0.9	0.0	0.4	1.33	15.17
21.0-22.0	0.9	0.0	0.4	1.38	16.54
22.0-23.0	0.9	0.0	0.5	1.44	17.98
23.0-24.0	0.9	0.0	0.5	1.49	19.48
24.0-25.0	0.9	0.0	0.6	1.53	21.01
25.0-26.0	0.9	0.0	0.6	1.58	22.59
26.0-27.0	0.9	0.0	0.6	1.62	24.21
27.0-28.0	0.9	0.0	0.7	1.66	25.87
28.0-29.0	0.9	0.0	0.7	1.71	27.59
29.0-30.0	0.9	0.0	0.8	1.75	29.33
30.0-31.0	0.9	0.0	0.8	1.77	31.10
31.0-32.0	0.8	0.0	0.9	1.80	32.90
32.0-33.0	0.8	0.0	0.9	1.83	34.73
33.0-34.0	0.8	0.0	1.0	1.86	36.59
34.0-35.0	0.8	0.1	1.0	1.87	38.46
35.0-36.0	0.8	0.1	1.1	1.88	40.34

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	0.8	0.1	1.1	1.90	42.24
37.0-38.0	0.8	0.1	1.2	1.90	44.14
38.0-39.0	0.7	0.1	1.2	1.90	46.04
39.0-40.0	0.7	0.1	1.3	1.91	47.95
40.0-41.0	0.7	0.1	1.3	1.92	49.88
41.0-42.0	0.7	0.1	1.4	1.90	51.78
42.0-43.0	0.7	0.1	1.4	1.90	53.68
43.0-44.0	0.7	0.1	1.5	1.91	55.59
44.0-45.0	0.7	0.1	1.5	1.89	57.48
45.0-46.0	0.6	0.0	1.6	1.86	59.34
46.0-47.0	0.6	0.0	1.6	1.85	61.19
47.0-48.0	0.6	0.0	1.7	1.84	63.03
48.0-49.0	0.6	0.0	1.7	1.81	64.85
49.0-50.0	0.6	0.0	1.8	1.81	66.66
50.0-51.0	0.6	0.0	1.8	1.78	68.45
51.0-52.0	0.5	0.0	1.9	1.73	70.17
52.0-53.0	0.5	0.0	1.9	1.66	71.83
53.0-54.0	0.5	0.0	2.0	1.63	73.46
54.0-55.0	0.5	0.0	2.0	1.63	75.08
55.0-56.0	0.5	0.0	2.1	1.57	76.66
56.0-57.0	0.5	0.0	2.1	1.55	78.20
57.0-58.0	0.4	0.0	2.1	1.50	79.70
58.0-59.0	0.4	0.0	2.2	1.43	81.13
59.0-60.0	0.4	0.0	2.2	1.37	82.50
60.0-61.0	0.4	0.0	2.2	1.30	83.80
61.0-62.0	0.4	0.0	2.3	1.27	85.06
62.0-63.0	0.3	0.0	2.3	1.22	86.28
63.0-64.0	0.3	0.0	2.3	1.13	87.41
64.0-65.0	0.3	0.0	2.4	1.05	88.46
65.0-66.0	0.3	0.0	2.4	0.98	89.45
66.0-67.0	0.2	0.0	2.4	0.92	90.37
67.0-68.0	0.2	0.0	2.4	0.85	91.22
68.0-69.0	0.2	0.0	2.5	0.78	92.01
69.0-70.0	0.2	0.0	2.5	0.71	92.71
70.0-71.0	0.2	0.0	2.5	0.63	93.34
71.0-72.0	0.1	0.0	2.5	0.58	93.92

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	0.1	0.0	2.5	0.52	94.44
73.0-74.0	0.1	0.0	2.5	0.46	94.90
74.0-75.0	0.1	0.0	2.6	0.41	95.31
75.0-76.0	0.1	0.0	2.6	0.36	95.67
76.0-77.0	0.1	0.0	2.6	0.32	95.99
77.0-78.0	0.1	0.0	2.6	0.28	96.27
78.0-79.0	0.1	0.0	2.6	0.23	96.50
79.0-80.0	0.0	0.0	2.6	0.19	96.69
80.0-81.0	0.0	0.0	2.6	0.18	96.86
81.0-82.0	0.0	0.0	2.6	0.17	97.03
82.0-83.0	0.0	0.0	2.6	0.15	97.18
83.0-84.0	0.0	0.0	2.6	0.12	97.30
84.0-85.0	0.0	0.0	2.6	0.09	97.39
85.0-86.0	0.0	0.0	2.6	0.06	97.45
86.0-87.0	0.0	0.0	2.6	0.06	97.51
87.0-88.0	0.0	0.0	2.6	0.05	97.56
88.0-89.0	0.0	0.0	2.6	0.06	97.62
89.0-90.0	0.0	0.0	2.6	0.06	97.68
90.0-91.0	0.0	0.0	2.6	0.05	97.73
91.0-92.0	0.0	0.0	2.6	0.03	97.76
92.0-93.0	0.0	0.0	2.6	0.02	97.78
93.0-94.0	0.0	0.0	2.6	0.03	97.80
94.0-95.0	0.0	0.0	2.6	0.04	97.85
95.0-96.0	0.0	0.0	2.6	0.04	97.89
96.0-97.0	0.0	0.0	2.6	0.03	97.92
97.0-98.0	0.0	0.0	2.6	0.03	97.95
98.0-99.0	0.0	0.0	2.6	0.03	97.98
99.0-100.0	0.0	0.0	2.6	0.04	98.02
100.0-101.0	0.0	0.0	2.6	0.03	98.05
101.0-102.0	0.0	0.0	2.6	0.04	98.09
102.0-103.0	0.0	0.0	2.6	0.05	98.14
103.0-104.0	0.0	0.0	2.6	0.04	98.18
104.0-105.0	0.0	0.0	2.6	0.04	98.23
105.0-106.0	0.0	0.0	2.6	0.03	98.26
106.0-107.0	0.0	0.0	2.6	0.04	98.30
107.0-108.0	0.0	0.0	2.6	0.05	98.35

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:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	2.6	0.05	98.40
109.0-110.0	0.0	0.0	2.6	0.04	98.45
110.0-111.0	0.0	0.0	2.6	0.04	98.49
111.0-112.0	0.0	0.0	2.6	0.03	98.52
112.0-113.0	0.0	0.0	2.6	0.03	98.55
113.0-114.0	0.0	0.0	2.6	0.03	98.57
114.0-115.0	0.0	0.0	2.6	0.03	98.61
115.0-116.0	0.0	0.0	2.6	0.07	98.67
116.0-117.0	0.0	0.0	2.6	0.06	98.74
117.0-118.0	0.0	0.0	2.7	0.04	98.77
118.0-119.0	0.0	0.0	2.7	0.04	98.81
119.0-120.0	0.0	0.0	2.7	0.04	98.85
120.0-121.0	0.0	0.0	2.7	0.02	98.88
121.0-122.0	0.0	0.0	2.7	0.03	98.91
122.0-123.0	0.0	0.0	2.7	0.03	98.94
123.0-124.0	0.0	0.0	2.7	0.02	98.96
124.0-125.0	0.0	0.0	2.7	0.03	98.99
125.0-126.0	0.0	0.0	2.7	0.03	99.02
126.0-127.0	0.0	0.0	2.7	0.03	99.06
127.0-128.0	0.0	0.0	2.7	0.04	99.10
128.0-129.0	0.0	0.0	2.7	0.03	99.13
129.0-130.0	0.0	0.0	2.7	0.03	99.16
130.0-131.0	0.0	0.0	2.7	0.03	99.19
131.0-132.0	0.0	0.0	2.7	0.03	99.22
132.0-133.0	0.0	0.0	2.7	0.03	99.24
133.0-134.0	0.0	0.0	2.7	0.01	99.26
134.0-135.0	0.0	0.0	2.7	0.02	99.28
135.0-136.0	0.0	0.0	2.7	0.06	99.34
136.0-137.0	0.0	0.0	2.7	0.06	99.40
137.0-138.0	0.0	0.0	2.7	0.04	99.44
138.0-139.0	0.0	0.0	2.7	0.03	99.47
139.0-140.0	0.0	0.0	2.7	0.02	99.49
140.0-141.0	0.0	0.0	2.7	0.02	99.51
141.0-142.0	0.0	0.0	2.7	0.02	99.54
142.0-143.0	0.0	0.0	2.7	0.03	99.56
143.0-144.0	0.0	0.0	2.7	0.03	99.59

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	2.7	0.03	99.62
145.0-146.0	0.0	0.0	2.7	0.02	99.64
146.0-147.0	0.0	0.0	2.7	0.01	99.65
147.0-148.0	0.0	0.0	2.7	0.01	99.67
148.0-149.0	0.0	0.0	2.7	0.02	99.69
149.0-150.0	0.0	0.0	2.7	0.02	99.71
150.0-151.0	0.0	0.0	2.7	0.03	99.74
151.0-152.0	0.0	0.0	2.7	0.03	99.77
152.0-153.0	0.0	0.0	2.7	0.02	99.79
153.0-154.0	0.0	0.0	2.7	0.02	99.81
154.0-155.0	0.0	0.0	2.7	0.02	99.83
155.0-156.0	0.0	0.0	2.7	0.01	99.84
156.0-157.0	0.0	0.0	2.7	0.02	99.86
157.0-158.0	0.0	0.0	2.7	0.01	99.87
158.0-159.0	0.0	0.0	2.7	0.00	99.88
159.0-160.0	0.0	0.0	2.7	0.01	99.88
160.0-161.0	0.0	0.0	2.7	0.01	99.89
161.0-162.0	0.0	0.0	2.7	0.01	99.90
162.0-163.0	0.0	0.0	2.7	0.01	99.91
163.0-164.0	0.0	0.0	2.7	0.01	99.93
164.0-165.0	0.0	0.0	2.7	0.01	99.93
165.0-166.0	0.0	0.0	2.7	0.00	99.94
166.0-167.0	0.0	0.0	2.7	0.01	99.94
167.0-168.0	0.0	0.0	2.7	0.01	99.96
168.0-169.0	0.0	0.0	2.7	0.01	99.97
169.0-170.0	0.0	0.0	2.7	0.00	99.97
170.0-171.0	0.0	0.0	2.7	0.01	99.98
171.0-172.0	0.0	0.0	2.7	0.01	99.98
172.0-173.0	0.0	0.0	2.7	0.01	99.99
173.0-174.0	0.0	0.0	2.7	0.00	99.99
174.0-175.0	0.0	0.0	2.7	0.00	99.99
175.0-176.0	0.0	0.0	2.7	0.00	100.00
176.0-177.0	0.0	0.0	2.7	0.00	100.00
177.0-178.0	0.0	0.0	2.7	0.00	100.00
178.0-179.0	0.0	0.0	2.7	0.00	100.00
179.0-180.0	0.0	0.0	2.7	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: