Report No.: **Test Time: 2020/11/17 10:35**

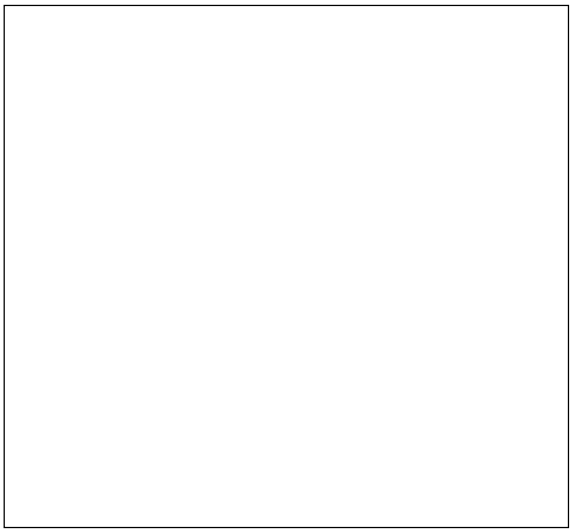
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Silhouette 3.0
Luminaire Description: RB0RGB203.0RGB-8N
Lamp Catalog: 8N-BLUE **Lamp Description: 3528RGB**
Number of Lamps: 126/M **Luminous Length (mm): 500**
Luminous Width (mm): 6 **Luminous Height (mm): 12**
Voltage: 24.0 V **Current: 0.074 A**
Power: 1.79 W **Power Factor: 1.000**

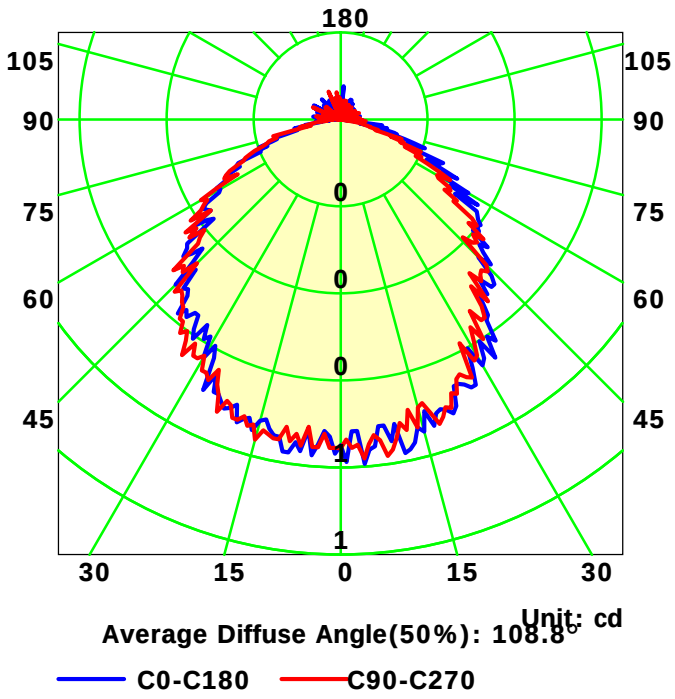
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 3.4 lm**
Measurement Flux: 3.4 lm **Efficiency: 100%**
Downward Ratio: 95% **Upward Ratio: 5%**
Horizontal Diffuse Angle(10%,50%): H163.4,H108.1
Vertical Diffuse Angle(10%,50%): V155.1,V109.6
Luminaire Efficacy Rating (LER): 2 **Central Intensity: 1.17 cd**
Max. Intensity: 1.25 cd **Pos of Max. Intensity: H30 V0**

Picture Of Luminaire

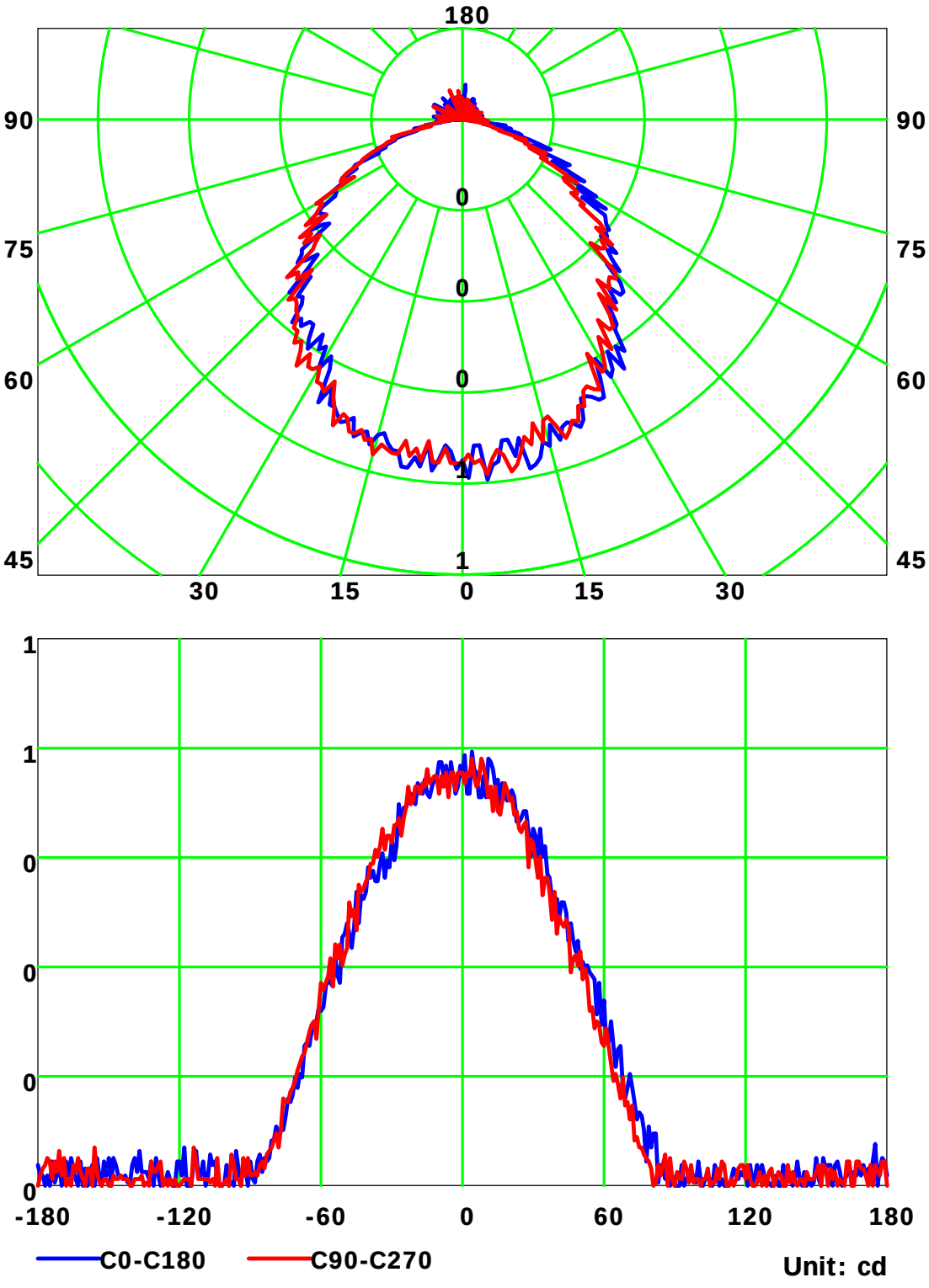


Luminous Intensity Distribution Curve



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:**

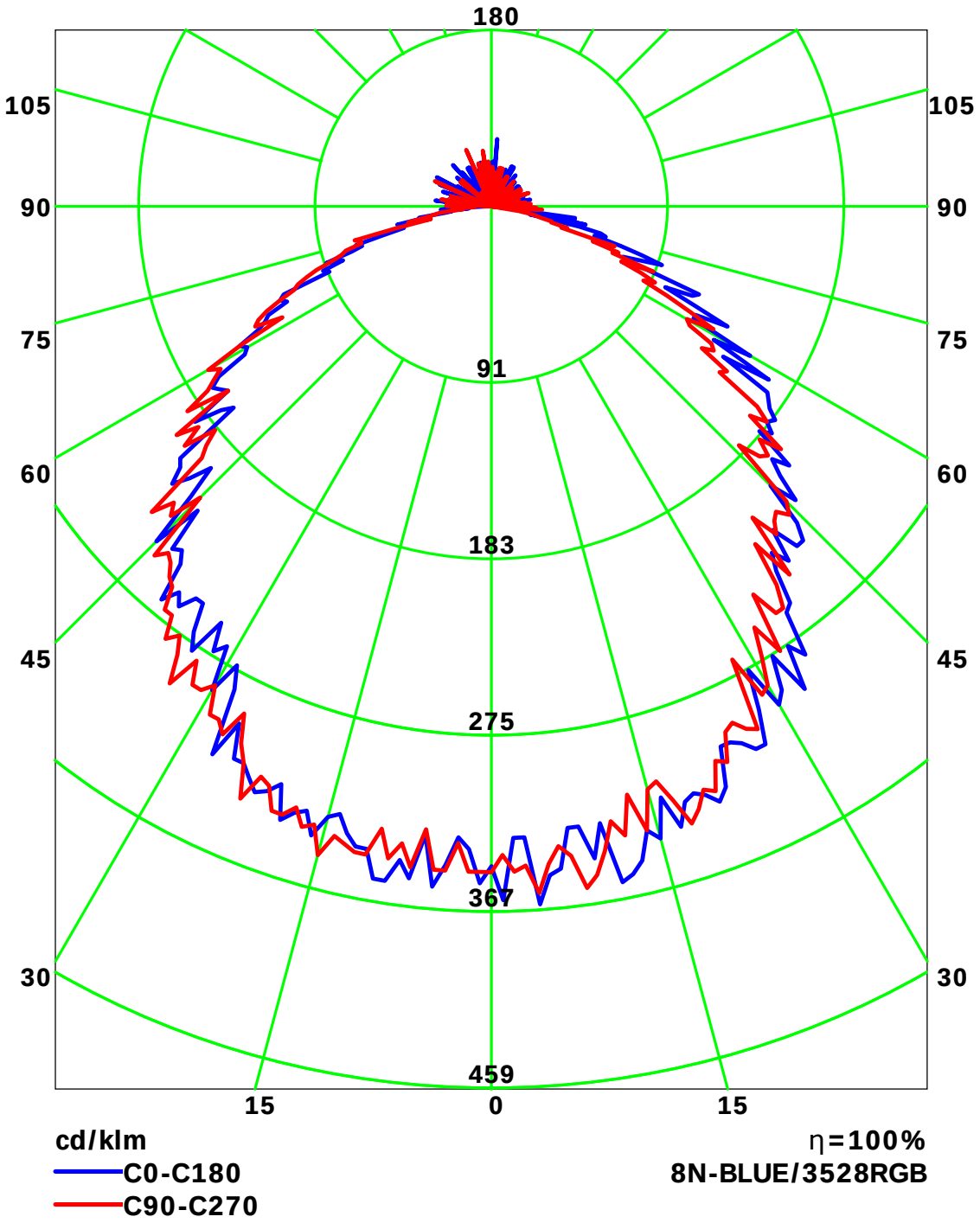
Luminous Intensity Distribution Curve



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

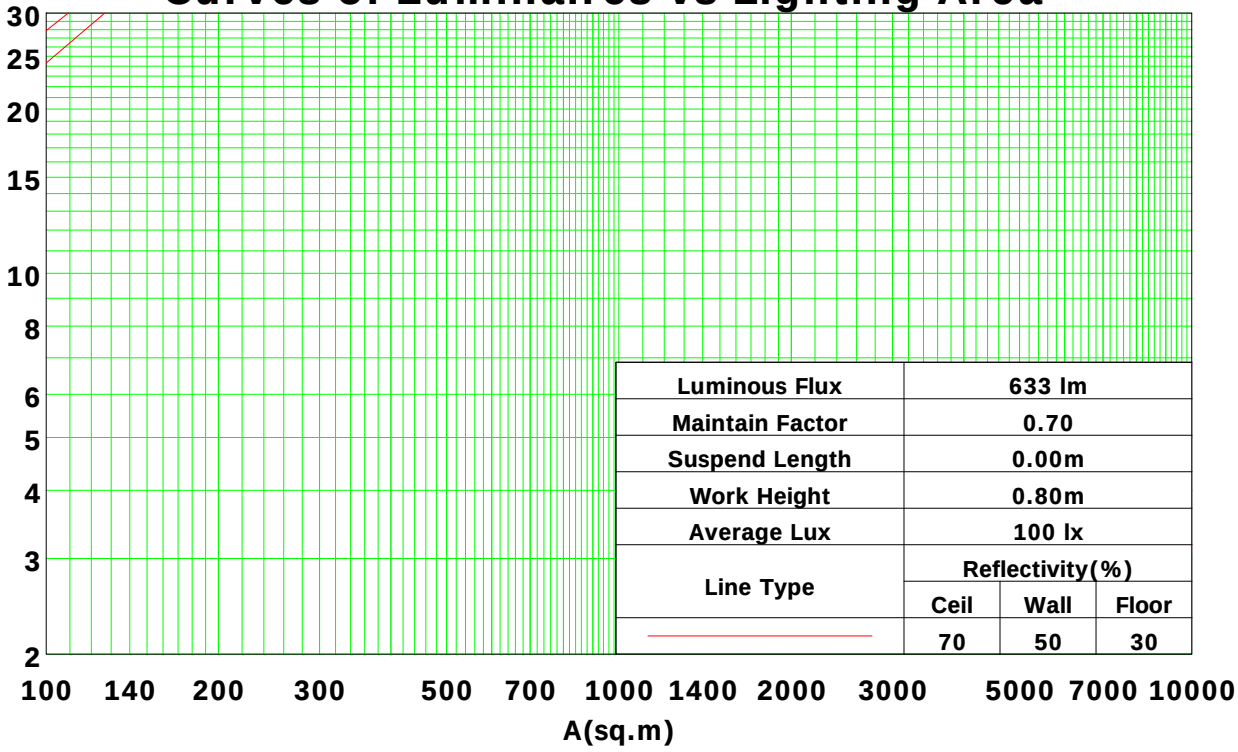
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	108	108	108	103	103	103	97	97	97	95
1	108	103	99	95	105	100	97	93	95	92	89	91	88	86	86	84	82	80
2	98	90	83	78	95	88	82	77	83	78	74	79	75	72	76	72	69	67
3	90	79	71	65	87	77	70	64	74	67	62	70	65	60	67	63	59	56
4	82	70	62	55	79	69	61	54	65	59	53	63	57	52	60	55	51	48
5	75	63	54	47	73	61	53	47	59	51	46	56	50	45	54	48	44	42
6	70	57	48	41	67	55	47	41	53	46	40	51	44	40	49	43	39	37
7	65	51	43	37	63	50	42	36	48	41	36	46	40	35	45	39	34	32
8	60	47	38	33	58	46	38	32	44	37	32	43	36	31	41	35	31	29
9	56	43	35	29	55	42	34	29	41	34	29	39	33	28	38	32	28	26
10	53	40	32	27	51	39	31	26	38	31	26	36	30	26	35	29	25	24

Spacing Criteria (0-180): 1.23
Spacing Criteria (90-270): 1.23
Spacing Criteria (Diagonal): 1.37

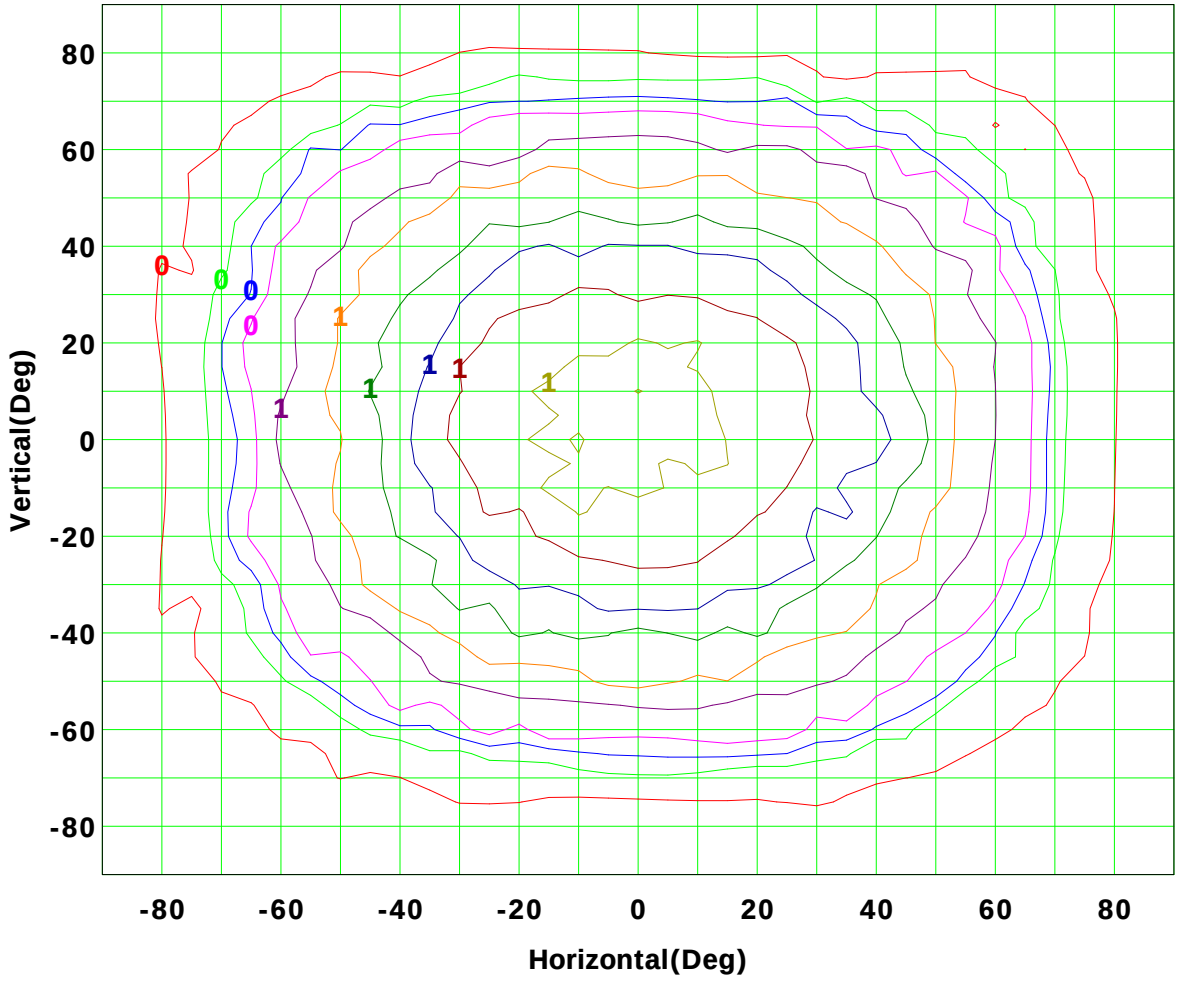
Curves of Luminaires vs Lighting Area



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)



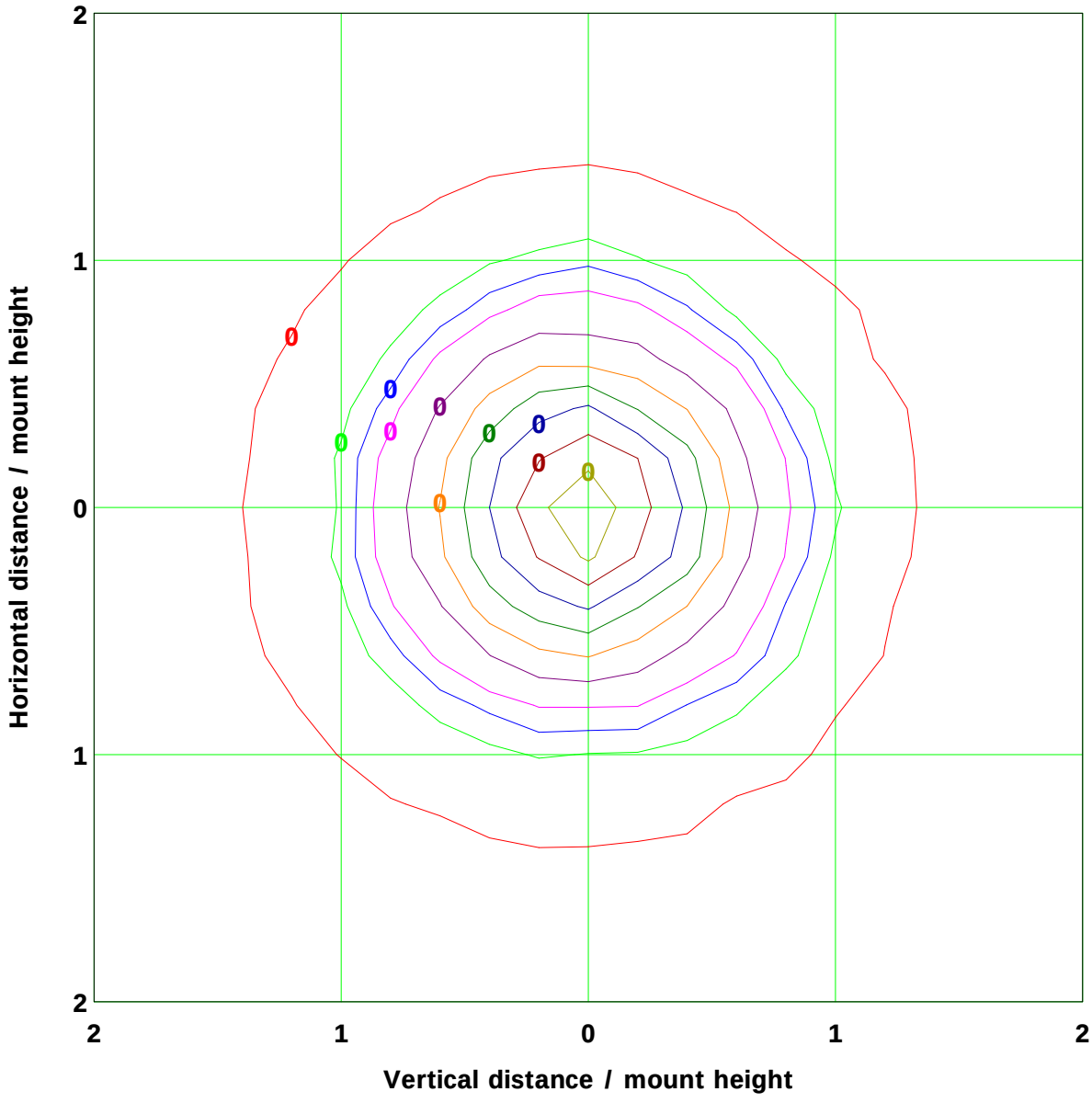
Imax (100%): 1 cd

(10%):	0 cd	(20%):	0 cd
(25%):	0 cd	(30%):	0 cd
(40%):	1 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%): 0.1 lx

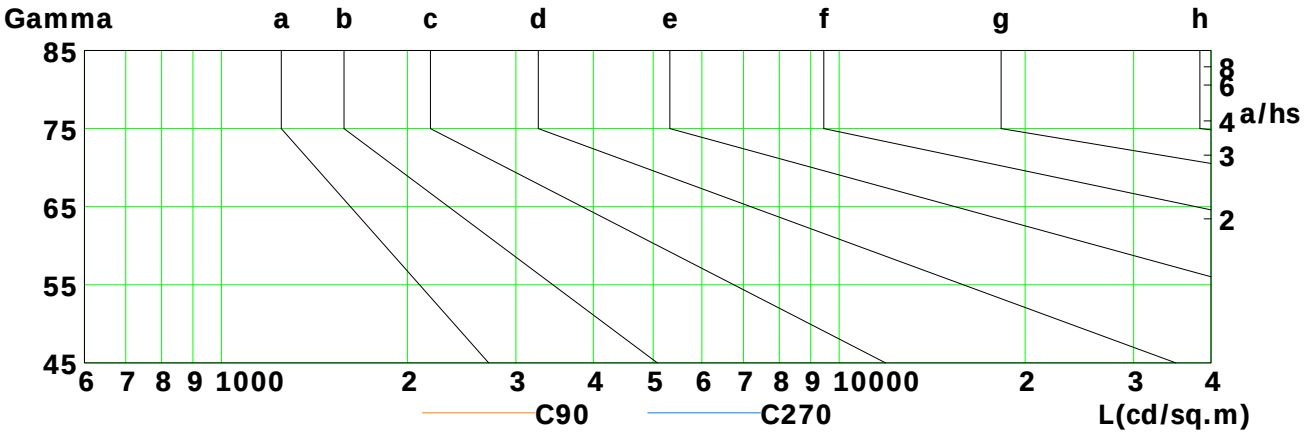
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.0 lx
(40%): 0.0 lx	(50%): 0.0 lx
(60%): 0.0 lx	(70%): 0.0 lx
(80%): 0.0 lx	(90%): 0.0 lx

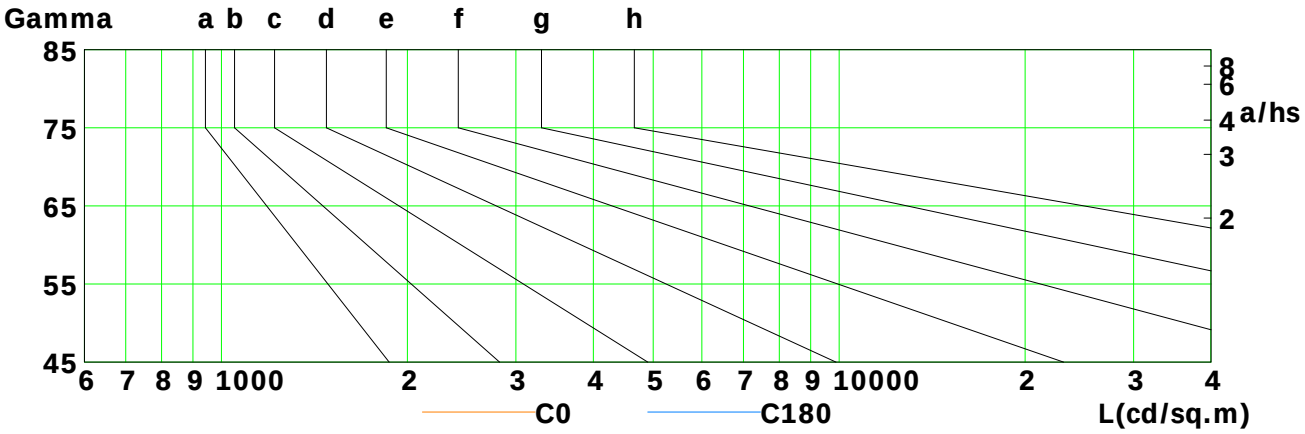
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



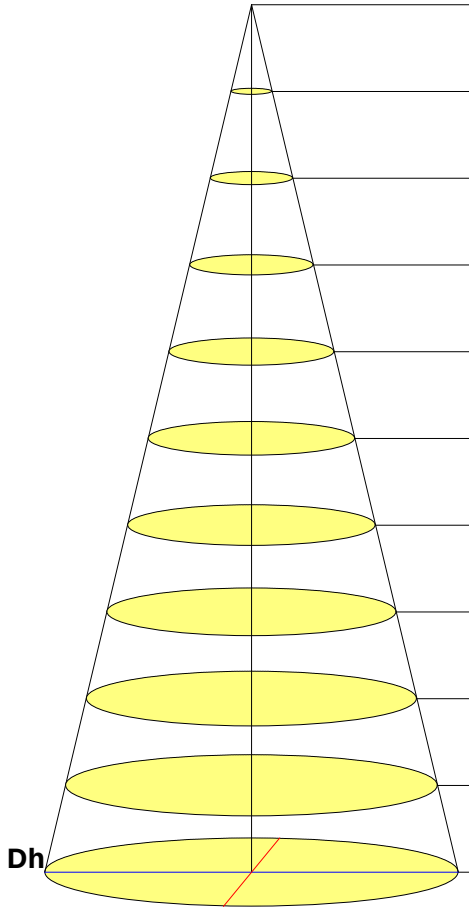


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	110	95	90	79	51	42	32	17	10
C90	341	338	287	256	240	219	130	84	180
C180	132	110	86	75	60	42	30	20	6
C270	336	333	320	371	330	302	284	220	210

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



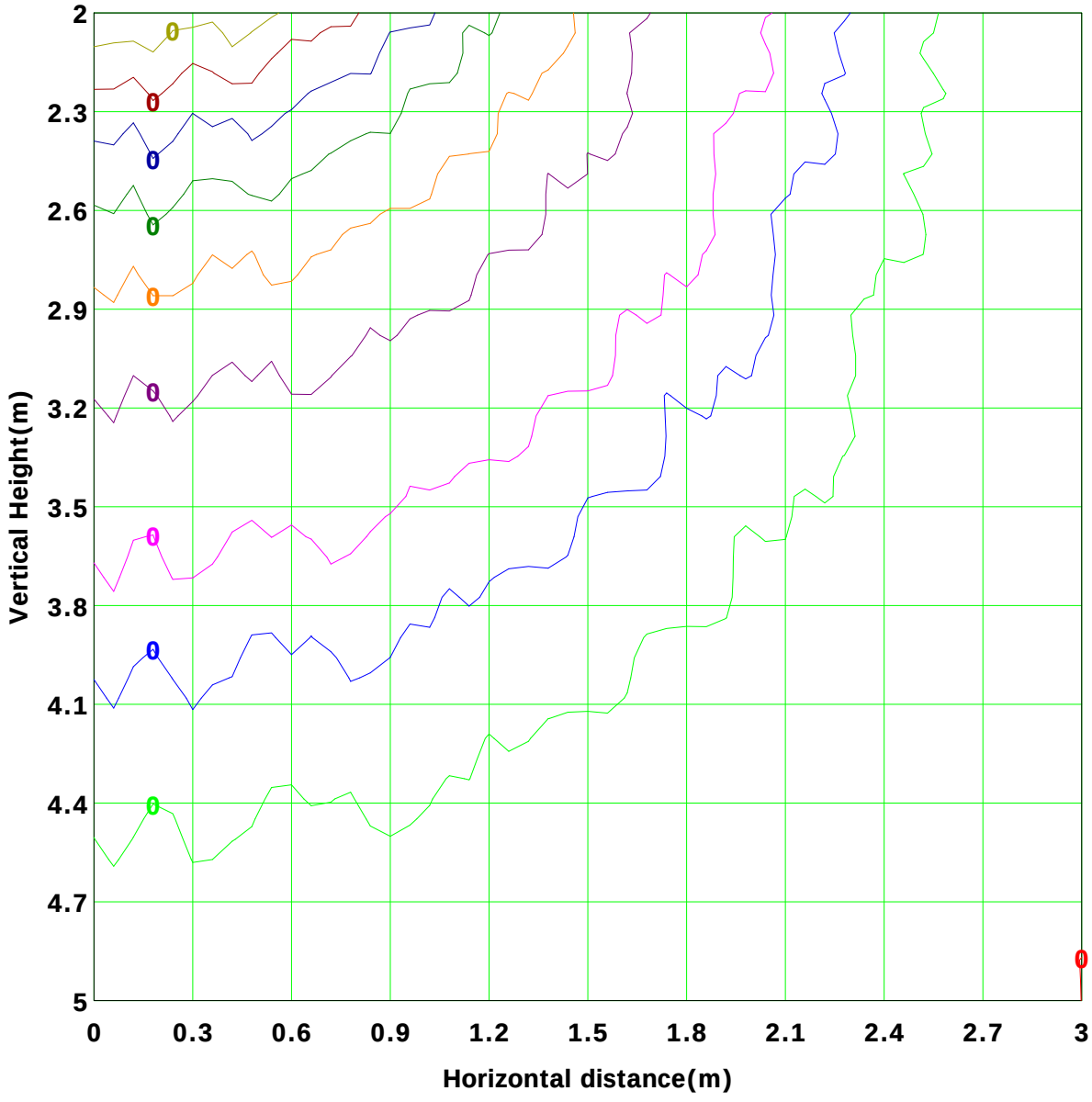
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1.17	2.76/2.83	6.1	0.22
2.0	0.29	5.51/5.67	24.5	0.05
3.0	0.13	8.27/8.50	55.1	0.02
4.0	0.07	11.02/11.34	97.9	0.01
5.0	0.05	13.78/14.17	153.0	0.01
6.0	0.03	16.54/17.01	220.3	0.01
7.0	0.02	19.29/19.84	299.9	0.00
8.0	0.02	22.05/22.67	391.7	0.00
9.0	0.01	24.80/25.51	495.7	0.00
10.0	0.01	27.56/28.34	612.0	0.00

Beam Angle(B): H108.1 V109.6 Field Angle(F): H163.4 V155.1

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%): 0.3 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

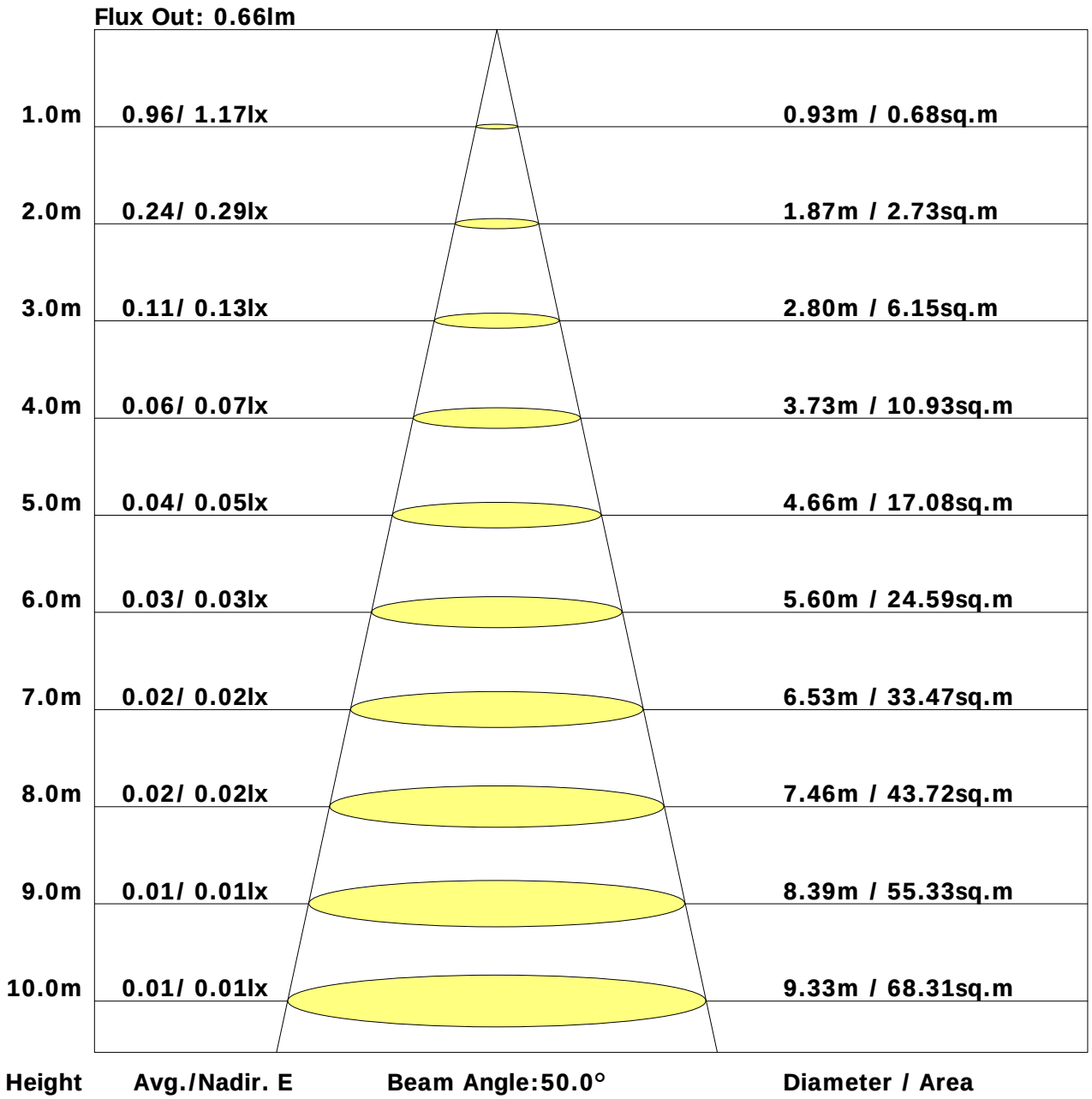
Unit: lm

Horizontal plane	Vertical plane																					Flux(E)
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	Flux(T)		
-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	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	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	0.1	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	0.1	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	0.2	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	0.2	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	0.3	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	0.3	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	0.3
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	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	0.3
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	0.3	0.3
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	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	0.2	0.2	0.2
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	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	0.1	0.1	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	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	0.0
90		3	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0
Flux(T)	3		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0
Flux(E)	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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



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:

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	25.4	26.9	25.9	27.3	27.8	22.2	23.7	22.7	24.2	24.6
3H	26.8	28.2	27.3	28.6	29.1	23.2	24.6	23.7	25.0	25.5
4H	27.4	28.7	27.8	29.1	29.6	23.4	24.6	23.8	25.1	25.6
6H	27.7	28.9	28.2	29.3	29.8	23.4	24.6	23.9	25.0	25.5
8H	28.0	29.1	28.4	29.6	30.1	23.4	24.5	23.9	25.0	25.5
12H	28.0	29.1	28.5	29.6	30.1	23.4	24.4	23.9	24.9	25.5
X=4H Y=2H	25.6	26.9	26.1	27.4	27.8	22.8	24.1	23.3	24.5	25.0
3H	27.2	28.3	27.7	28.7	29.3	23.8	24.9	24.3	25.4	25.9
4H	27.8	28.8	28.3	29.3	29.8	24.0	25.0	24.5	25.5	26.0
6H	28.2	29.0	28.7	29.6	30.1	24.1	24.9	24.6	25.5	26.0
8H	28.5	29.3	29.0	29.8	30.4	24.1	24.9	24.6	25.4	26.0
12H	28.5	29.2	29.1	29.8	30.4	24.1	24.8	24.6	25.3	25.9
X=8H Y=4H	27.9	28.6	28.4	29.2	29.7	24.2	25.0	24.7	25.5	26.1
6H	28.3	28.9	28.8	29.5	30.1	24.3	24.9	24.9	25.5	26.1
8H	28.6	29.1	29.1	29.7	30.3	24.3	24.8	24.8	25.4	26.0
12H	28.7	29.2	29.3	29.8	30.4	24.3	24.8	24.9	25.4	26.0
X=12H Y=4H	27.8	28.5	28.4	29.1	29.7	24.2	24.9	24.7	25.4	26.0
6H	28.3	28.8	28.9	29.4	30.0	24.3	24.9	24.9	25.4	26.1
8H	28.6	29.1	29.1	29.7	30.3	24.3	24.8	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	0.56	0.67	0.74	0.79	0.86	0.91	0.94	0.99	1.02
	0.30		0.49	0.59	0.67	0.72	0.80	0.86	0.90	0.95	0.98
	0.20		0.43	0.53	0.61	0.67	0.75	0.81	0.85	0.91	0.95
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.82	0.87	0.90	0.94	0.97
	0.30		0.48	0.57	0.65	0.70	0.77	0.82	0.86	0.91	0.94
	0.20		0.43	0.53	0.60	0.65	0.73	0.78	0.82	0.88	0.91
0.30	0.50	0.20	0.53	0.62	0.68	0.73	0.79	0.83	0.86	0.90	0.92
	0.30		0.46	0.56	0.63	0.68	0.75	0.79	0.83	0.87	0.90
	0.20		0.42	0.52	0.58	0.64	0.71	0.76	0.80	0.85	0.88
0.00	0.00	0.00	0.39	0.49	0.55	0.60	0.67	0.71	0.75	0.79	0.82

Rating:2W 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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21
	0.30		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.24	0.20
	0.20		0.69	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.45	0.40	0.32	0.24	0.20
	0.30		0.78	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.68	0.58	0.51	0.45	0.37	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.89	0.72	0.61	0.53	0.42	0.35	0.30	0.23	0.19
	0.30		0.76	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.26	0.21	0.17
0.00	0.00	0.00	0.56	0.47	0.40	0.35	0.28	0.24	0.20	0.16	0.13

Rating:2W 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	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.26
	0.30		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21
0.50	0.50	0.20	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.25	0.25
	0.30		0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	0.20		0.09	0.11	0.12	0.13	0.15	0.17	0.18	0.19	0.21
0.30	0.50	0.20	0.19	0.20	0.21	0.22	0.22	0.23	0.23	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		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.20
0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Rating:2W 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	1.2	0.0	0.0	0.03	0.03
1.0-2.0	1.2	0.0	0.0	0.10	0.13
2.0-3.0	1.2	0.0	0.0	0.16	0.30
3.0-4.0	1.2	0.0	0.0	0.23	0.53
4.0-5.0	1.2	0.0	0.0	0.30	0.83
5.0-6.0	1.2	0.0	0.0	0.36	1.19
6.0-7.0	1.2	0.0	0.1	0.42	1.61
7.0-8.0	1.2	0.0	0.1	0.49	2.11
8.0-9.0	1.2	0.0	0.1	0.55	2.66
9.0-10.0	1.2	0.0	0.1	0.62	3.28
10.0-11.0	1.2	0.0	0.1	0.68	3.95
11.0-12.0	1.2	0.0	0.2	0.74	4.70
12.0-13.0	1.2	0.0	0.2	0.81	5.51
13.0-14.0	1.2	0.0	0.2	0.87	6.38
14.0-15.0	1.1	0.0	0.2	0.92	7.30
15.0-16.0	1.1	0.0	0.3	0.97	8.27
16.0-17.0	1.1	0.0	0.3	1.03	9.30
17.0-18.0	1.1	0.0	0.4	1.10	10.40
18.0-19.0	1.1	0.0	0.4	1.15	11.55
19.0-20.0	1.1	0.0	0.4	1.20	12.75
20.0-21.0	1.1	0.0	0.5	1.24	13.99
21.0-22.0	1.1	0.0	0.5	1.28	15.27
22.0-23.0	1.1	0.0	0.6	1.33	16.60
23.0-24.0	1.1	0.0	0.6	1.37	17.97
24.0-25.0	1.1	0.0	0.7	1.41	19.38
25.0-26.0	1.0	0.0	0.7	1.45	20.82
26.0-27.0	1.0	0.1	0.8	1.48	22.31
27.0-28.0	1.0	0.1	0.8	1.50	23.81
28.0-29.0	1.0	0.1	0.9	1.52	25.33
29.0-30.0	1.0	0.1	0.9	1.57	26.90
30.0-31.0	1.0	0.1	1.0	1.60	28.50
31.0-32.0	1.0	0.1	1.0	1.62	30.12
32.0-33.0	0.9	0.1	1.1	1.64	31.75
33.0-34.0	0.9	0.1	1.1	1.65	33.40
34.0-35.0	0.9	0.1	1.2	1.69	35.10
35.0-36.0	0.9	0.1	1.3	1.71	36.81

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	0.9	0.1	1.3	1.72	38.53
37.0-38.0	0.9	0.1	1.4	1.74	40.27
38.0-39.0	0.9	0.1	1.4	1.75	42.02
39.0-40.0	0.9	0.1	1.5	1.77	43.79
40.0-41.0	0.8	0.1	1.5	1.75	45.54
41.0-42.0	0.8	0.1	1.6	1.72	47.26
42.0-43.0	0.8	0.1	1.7	1.74	49.00
43.0-44.0	0.8	0.1	1.7	1.78	50.77
44.0-45.0	0.8	0.1	1.8	1.74	52.52
45.0-46.0	0.7	0.1	1.8	1.70	54.22
46.0-47.0	0.7	0.1	1.9	1.69	55.91
47.0-48.0	0.7	0.1	2.0	1.68	57.59
48.0-49.0	0.7	0.1	2.0	1.68	59.27
49.0-50.0	0.7	0.1	2.1	1.67	60.94
50.0-51.0	0.7	0.1	2.1	1.66	62.60
51.0-52.0	0.6	0.1	2.2	1.64	64.23
52.0-53.0	0.6	0.1	2.2	1.59	65.82
53.0-54.0	0.6	0.1	2.3	1.57	67.39
54.0-55.0	0.6	0.1	2.3	1.55	68.94
55.0-56.0	0.6	0.1	2.4	1.53	70.47
56.0-57.0	0.6	0.1	2.4	1.49	71.95
57.0-58.0	0.5	0.0	2.5	1.45	73.40
58.0-59.0	0.5	0.0	2.5	1.40	74.81
59.0-60.0	0.5	0.0	2.6	1.35	76.16
60.0-61.0	0.5	0.0	2.6	1.33	77.48
61.0-62.0	0.5	0.0	2.7	1.28	78.77
62.0-63.0	0.4	0.0	2.7	1.26	80.02
63.0-64.0	0.4	0.0	2.8	1.22	81.24
64.0-65.0	0.4	0.0	2.8	1.16	82.40
65.0-66.0	0.4	0.0	2.8	1.10	83.50
66.0-67.0	0.4	0.0	2.9	1.08	84.59
67.0-68.0	0.3	0.0	2.9	1.03	85.62
68.0-69.0	0.3	0.0	2.9	0.95	86.57
69.0-70.0	0.3	0.0	3.0	0.90	87.46
70.0-71.0	0.3	0.0	3.0	0.82	88.29
71.0-72.0	0.3	0.0	3.0	0.78	89.07

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	0.2	0.0	3.1	0.76	89.83
73.0-74.0	0.2	0.0	3.1	0.68	90.51
74.0-75.0	0.2	0.0	3.1	0.61	91.12
75.0-76.0	0.2	0.0	3.1	0.56	91.68
76.0-77.0	0.2	0.0	3.1	0.51	92.19
77.0-78.0	0.1	0.0	3.1	0.40	92.59
78.0-79.0	0.1	0.0	3.2	0.36	92.95
79.0-80.0	0.1	0.0	3.2	0.36	93.31
80.0-81.0	0.1	0.0	3.2	0.31	93.61
81.0-82.0	0.1	0.0	3.2	0.27	93.88
82.0-83.0	0.1	0.0	3.2	0.21	94.10
83.0-84.0	0.1	0.0	3.2	0.17	94.27
84.0-85.0	0.1	0.0	3.2	0.18	94.45
85.0-86.0	0.0	0.0	3.2	0.15	94.60
86.0-87.0	0.0	0.0	3.2	0.12	94.72
87.0-88.0	0.0	0.0	3.2	0.12	94.84
88.0-89.0	0.0	0.0	3.2	0.09	94.93
89.0-90.0	0.0	0.0	3.2	0.09	95.03
90.0-91.0	0.0	0.0	3.2	0.13	95.15
91.0-92.0	0.0	0.0	3.2	0.10	95.26
92.0-93.0	0.0	0.0	3.2	0.09	95.35
93.0-94.0	0.0	0.0	3.2	0.09	95.44
94.0-95.0	0.0	0.0	3.2	0.10	95.54
95.0-96.0	0.0	0.0	3.3	0.09	95.63
96.0-97.0	0.0	0.0	3.3	0.08	95.71
97.0-98.0	0.0	0.0	3.3	0.11	95.82
98.0-99.0	0.0	0.0	3.3	0.10	95.92
99.0-100.0	0.0	0.0	3.3	0.09	96.01
100.0-101.0	0.0	0.0	3.3	0.08	96.10
101.0-102.0	0.0	0.0	3.3	0.06	96.16
102.0-103.0	0.0	0.0	3.3	0.04	96.20
103.0-104.0	0.0	0.0	3.3	0.08	96.28
104.0-105.0	0.0	0.0	3.3	0.10	96.37
105.0-106.0	0.0	0.0	3.3	0.07	96.44
106.0-107.0	0.0	0.0	3.3	0.08	96.53
107.0-108.0	0.0	0.0	3.3	0.09	96.62

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	3.3	0.08	96.70
109.0-110.0	0.0	0.0	3.3	0.08	96.77
110.0-111.0	0.0	0.0	3.3	0.09	96.86
111.0-112.0	0.0	0.0	3.3	0.06	96.93
112.0-113.0	0.0	0.0	3.3	0.08	97.00
113.0-114.0	0.0	0.0	3.3	0.11	97.11
114.0-115.0	0.0	0.0	3.3	0.08	97.19
115.0-116.0	0.0	0.0	3.3	0.06	97.25
116.0-117.0	0.0	0.0	3.3	0.07	97.32
117.0-118.0	0.0	0.0	3.3	0.08	97.40
118.0-119.0	0.0	0.0	3.3	0.09	97.49
119.0-120.0	0.0	0.0	3.3	0.07	97.57
120.0-121.0	0.0	0.0	3.3	0.06	97.63
121.0-122.0	0.0	0.0	3.3	0.07	97.70
122.0-123.0	0.0	0.0	3.3	0.08	97.77
123.0-124.0	0.0	0.0	3.3	0.06	97.83
124.0-125.0	0.0	0.0	3.3	0.05	97.88
125.0-126.0	0.0	0.0	3.3	0.06	97.94
126.0-127.0	0.0	0.0	3.3	0.07	98.01
127.0-128.0	0.0	0.0	3.3	0.07	98.08
128.0-129.0	0.0	0.0	3.3	0.07	98.15
129.0-130.0	0.0	0.0	3.3	0.06	98.21
130.0-131.0	0.0	0.0	3.3	0.06	98.27
131.0-132.0	0.0	0.0	3.3	0.05	98.32
132.0-133.0	0.0	0.0	3.3	0.05	98.36
133.0-134.0	0.0	0.0	3.3	0.05	98.41
134.0-135.0	0.0	0.0	3.3	0.05	98.46
135.0-136.0	0.0	0.0	3.3	0.06	98.52
136.0-137.0	0.0	0.0	3.4	0.06	98.59
137.0-138.0	0.0	0.0	3.4	0.06	98.65
138.0-139.0	0.0	0.0	3.4	0.06	98.71
139.0-140.0	0.0	0.0	3.4	0.06	98.77
140.0-141.0	0.0	0.0	3.4	0.04	98.82
141.0-142.0	0.0	0.0	3.4	0.04	98.86
142.0-143.0	0.0	0.0	3.4	0.05	98.91
143.0-144.0	0.0	0.0	3.4	0.05	98.96

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	3.4	0.04	99.00
145.0-146.0	0.0	0.0	3.4	0.04	99.04
146.0-147.0	0.0	0.0	3.4	0.05	99.09
147.0-148.0	0.0	0.0	3.4	0.05	99.14
148.0-149.0	0.0	0.0	3.4	0.05	99.19
149.0-150.0	0.0	0.0	3.4	0.04	99.23
150.0-151.0	0.0	0.0	3.4	0.04	99.27
151.0-152.0	0.0	0.0	3.4	0.05	99.32
152.0-153.0	0.0	0.0	3.4	0.05	99.37
153.0-154.0	0.0	0.0	3.4	0.04	99.41
154.0-155.0	0.0	0.0	3.4	0.05	99.46
155.0-156.0	0.0	0.0	3.4	0.05	99.51
156.0-157.0	0.0	0.0	3.4	0.04	99.55
157.0-158.0	0.0	0.0	3.4	0.04	99.59
158.0-159.0	0.0	0.0	3.4	0.04	99.63
159.0-160.0	0.0	0.0	3.4	0.04	99.66
160.0-161.0	0.0	0.0	3.4	0.02	99.68
161.0-162.0	0.0	0.0	3.4	0.02	99.70
162.0-163.0	0.0	0.0	3.4	0.03	99.73
163.0-164.0	0.0	0.0	3.4	0.03	99.76
164.0-165.0	0.0	0.0	3.4	0.03	99.79
165.0-166.0	0.0	0.0	3.4	0.03	99.81
166.0-167.0	0.0	0.0	3.4	0.02	99.84
167.0-168.0	0.0	0.0	3.4	0.02	99.86
168.0-169.0	0.0	0.0	3.4	0.02	99.88
169.0-170.0	0.0	0.0	3.4	0.02	99.90
170.0-171.0	0.0	0.0	3.4	0.02	99.92
171.0-172.0	0.0	0.0	3.4	0.02	99.94
172.0-173.0	0.0	0.0	3.4	0.01	99.95
173.0-174.0	0.0	0.0	3.4	0.01	99.96
174.0-175.0	0.0	0.0	3.4	0.01	99.97
175.0-176.0	0.0	0.0	3.4	0.01	99.98
176.0-177.0	0.0	0.0	3.4	0.01	99.99
177.0-178.0	0.0	0.0	3.4	0.01	100.00
178.0-179.0	0.0	0.0	3.4	0.00	100.00
179.0-180.0	0.0	0.0	3.4	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: