ACOLYTE
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Report No.: **Test Time: 2020/11/17 16:45**

Luminaire Property

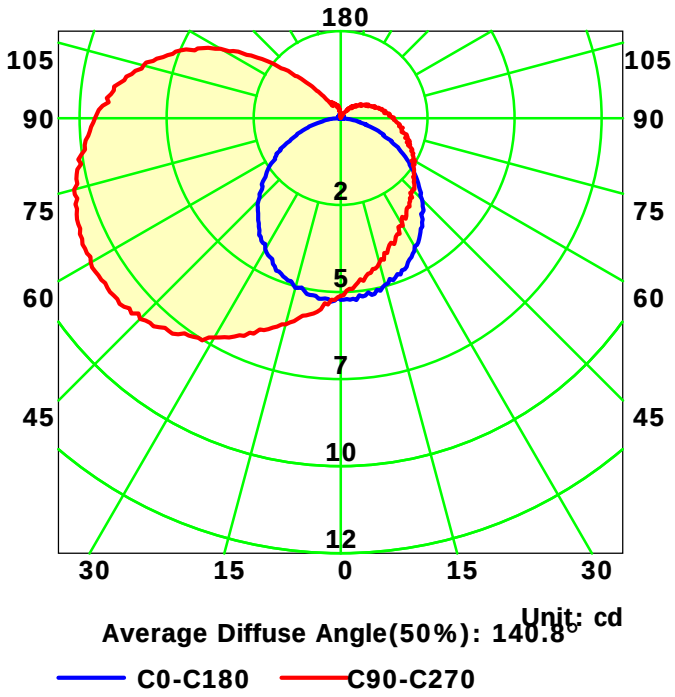
Luminaire Manufacturer:
Luminaire Category: Contour 3.0
Luminaire Description: RB0SCS2203.0A-9N
Lamp Catalog: 9N-A
Lamp Description: 2835 AMBER
Number of Lamps: 160
Luminous Length (mm): 500
Luminous Width (mm): 8
Luminous Height (mm): 12
Voltage: 24.0 V
Current: 0.206 A
Power: 4.94 W
Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct
Total Rated Lamp Lumens: 32.1 lm
Measurement Flux: 32.1 lm
Efficiency: 100%
Downward Ratio: 76%
Upward Ratio: 24%
Horizontal Diffuse Angle(10%,50%): H158.8,H107.4
Vertical Diffuse Angle(10%,50%): V273.8,V174.3
Luminaire Efficacy Rating (LER): 7
Central Intensity: 5.23 cd
Max. Intensity: 8.36 cd
Pos of Max. Intensity: H270 V59

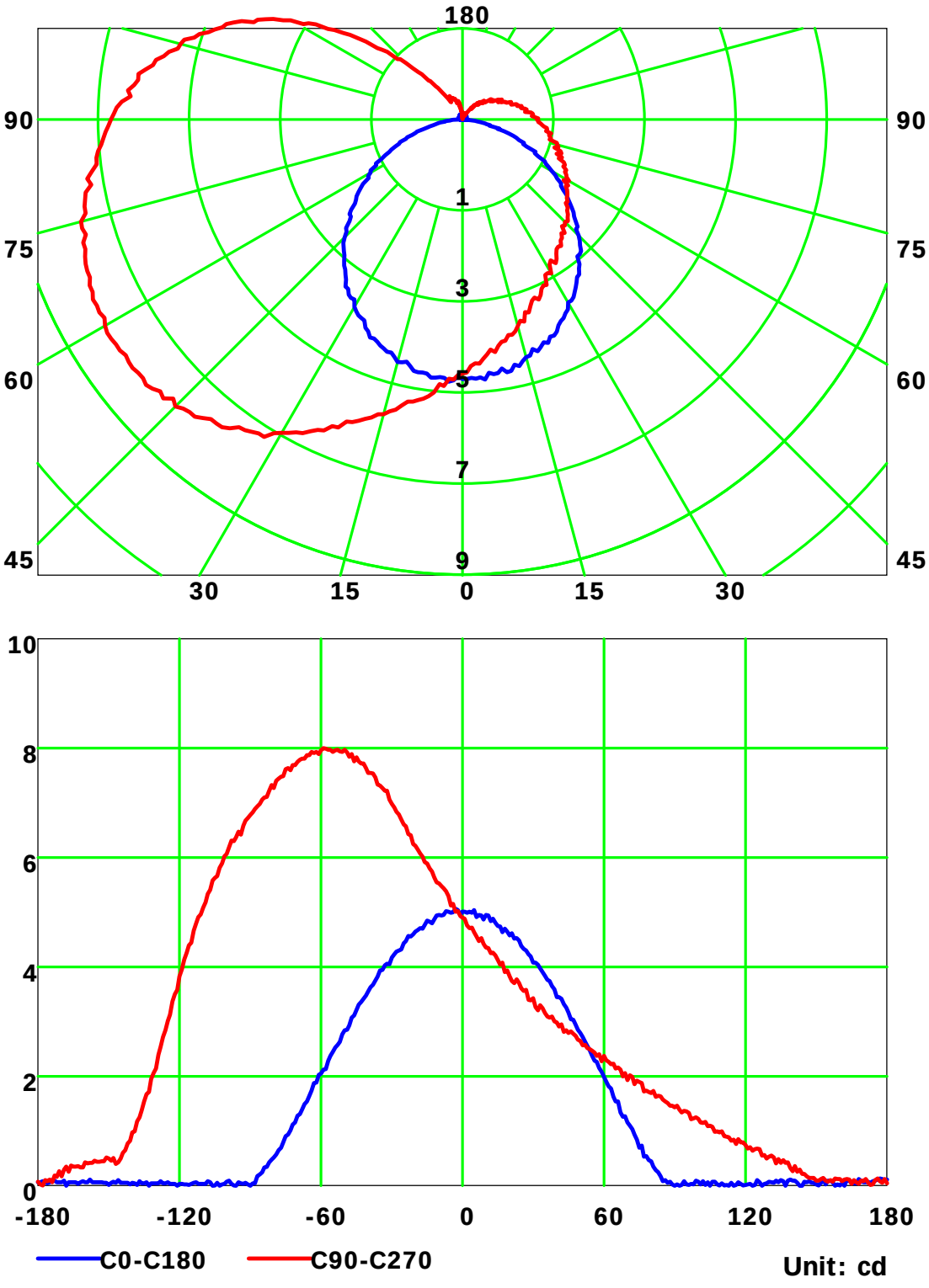
Picture Of Luminaire

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
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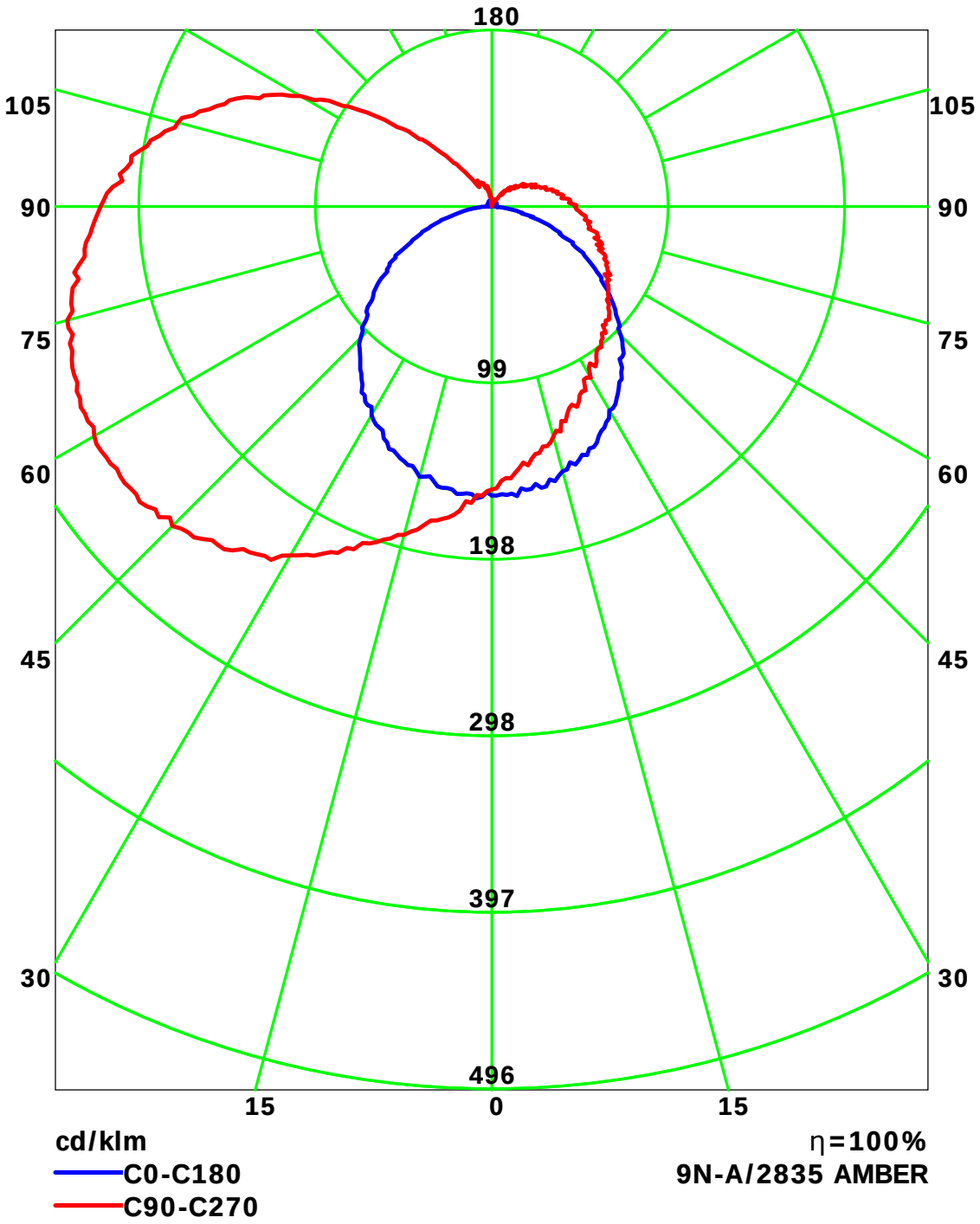
Temperature: 25
Operator: Nick

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
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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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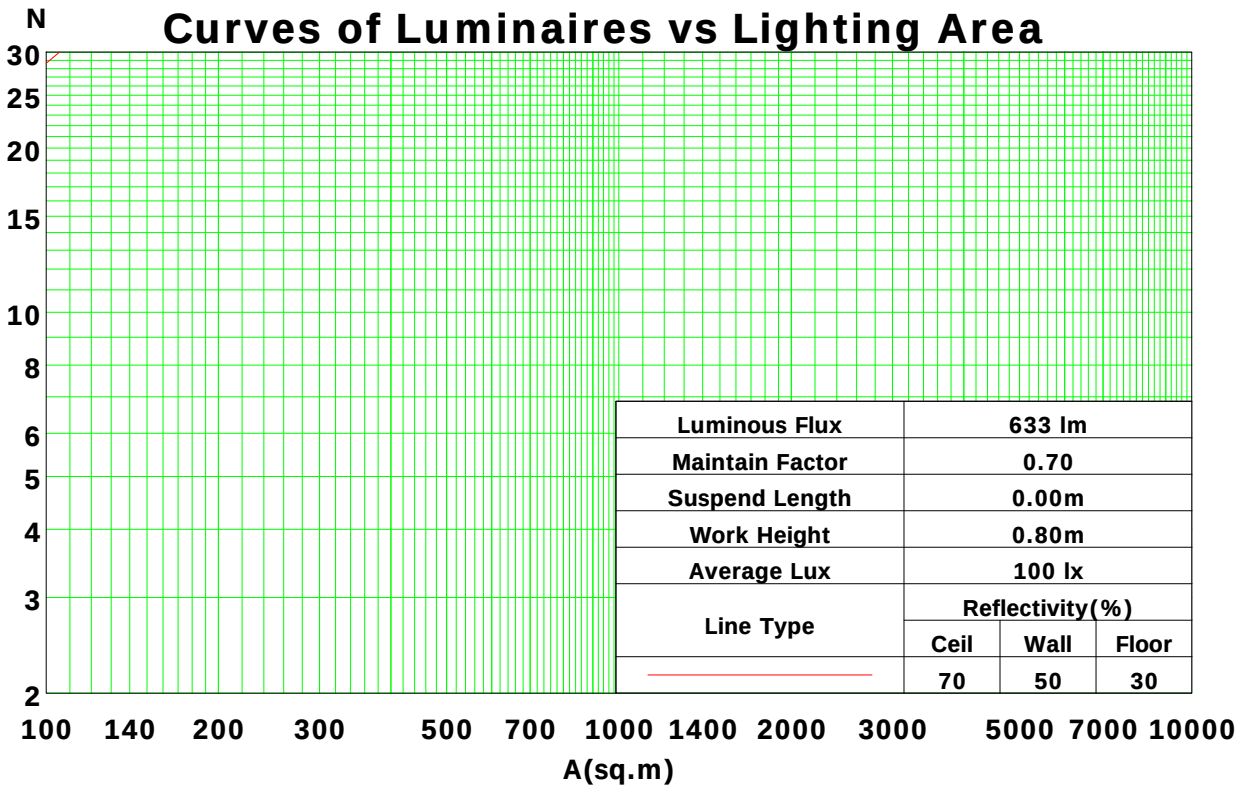
Coefficients Of Utilization - Zonal Cavity Method

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	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80	76
1	99	93	87	82	94	88	83	78	79	75	71	71	68	65	64	61	59	55
2	89	79	70	63	83	75	67	61	67	61	56	60	55	51	54	50	46	43
3	80	68	58	51	75	64	56	49	58	51	45	52	46	41	46	41	37	34
4	72	59	49	42	68	56	47	40	51	43	37	45	39	34	40	35	31	28
5	66	52	43	35	62	50	41	34	45	37	31	40	34	29	36	31	26	24
6	61	47	37	30	57	44	36	29	40	33	27	36	30	25	32	27	23	20
7	56	42	33	26	53	40	31	25	36	29	23	33	26	22	29	24	20	17
8	52	38	29	23	49	36	28	22	33	26	21	30	24	19	27	22	18	15
9	49	35	26	20	46	33	25	20	30	23	18	27	21	17	25	20	16	14
10	45	32	24	18	43	30	23	18	28	21	16	25	19	15	23	18	14	12

Spacing Criteria (0-180): 1.23
Spacing Criteria (90-270): 1.63
Spacing Criteria (Diagonal): 1.58

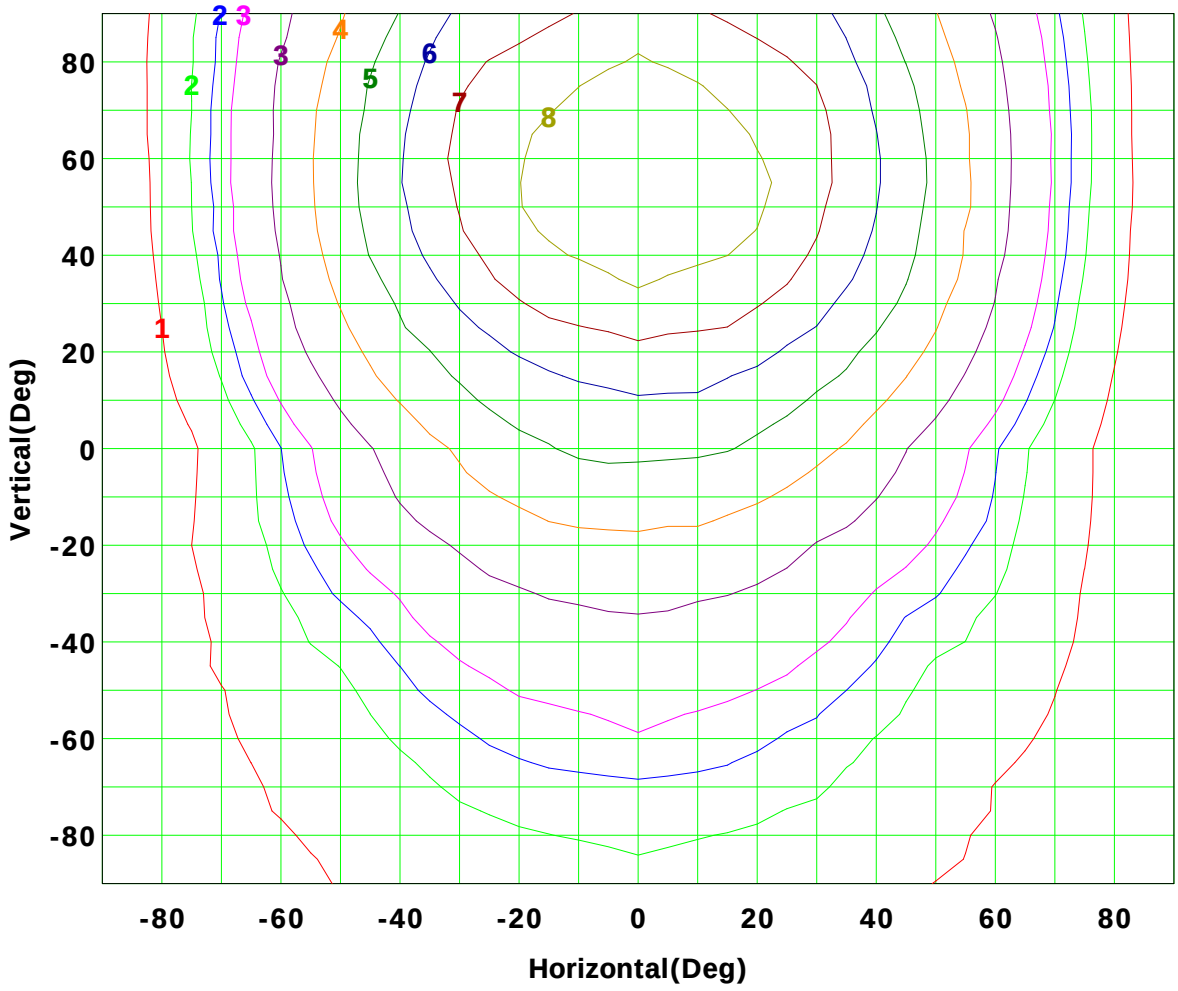
Curves of Luminaires vs Lighting Area



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)



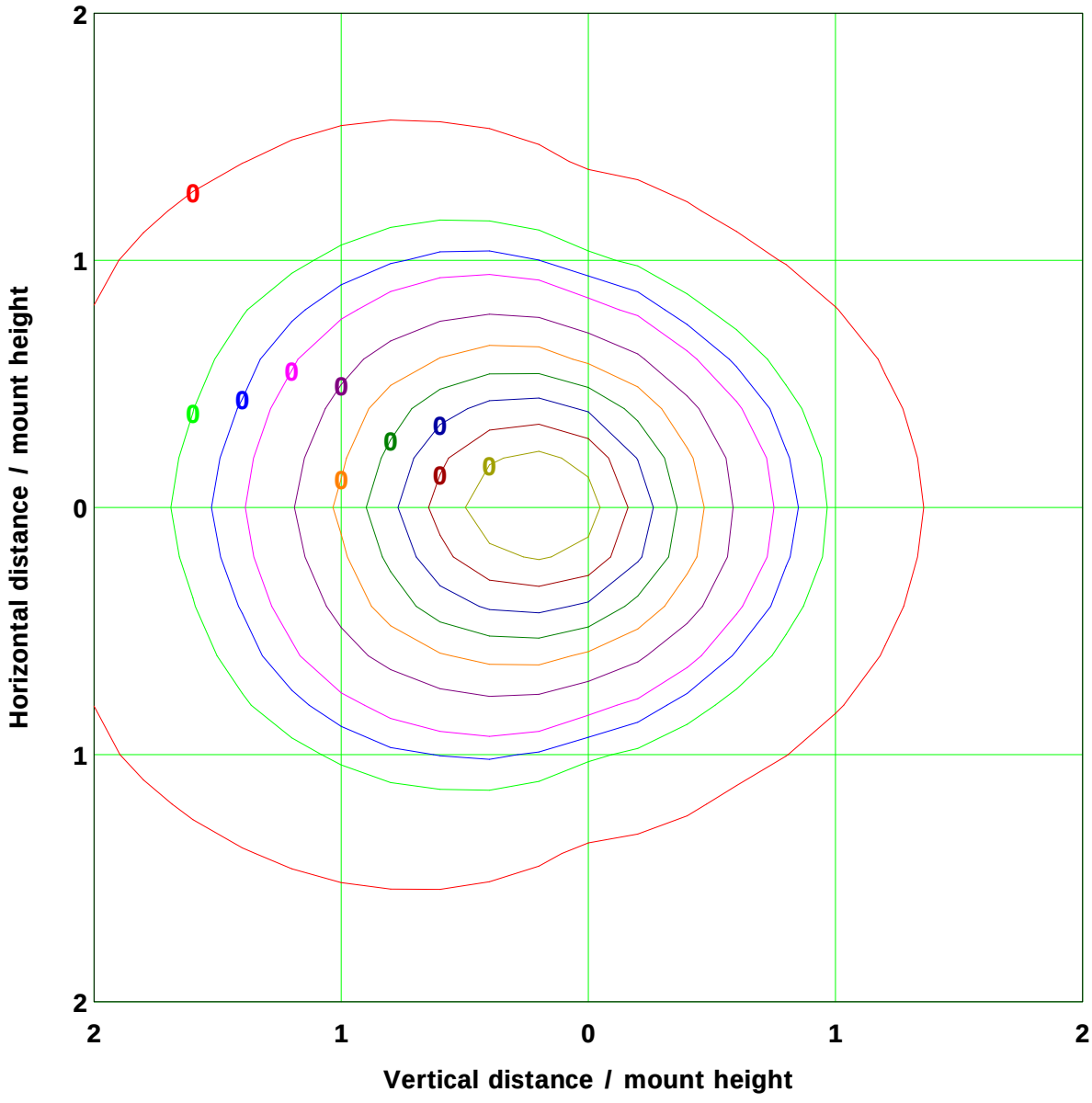
Imax (100%): 8 cd

(10%):	1 cd	(20%):	2 cd
(25%):	2 cd	(30%):	3 cd
(40%):	3 cd	(50%):	4 cd
(60%):	5 cd	(70%):	6 cd
(80%):	7 cd	(90%):	8 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%): 0.2 lx

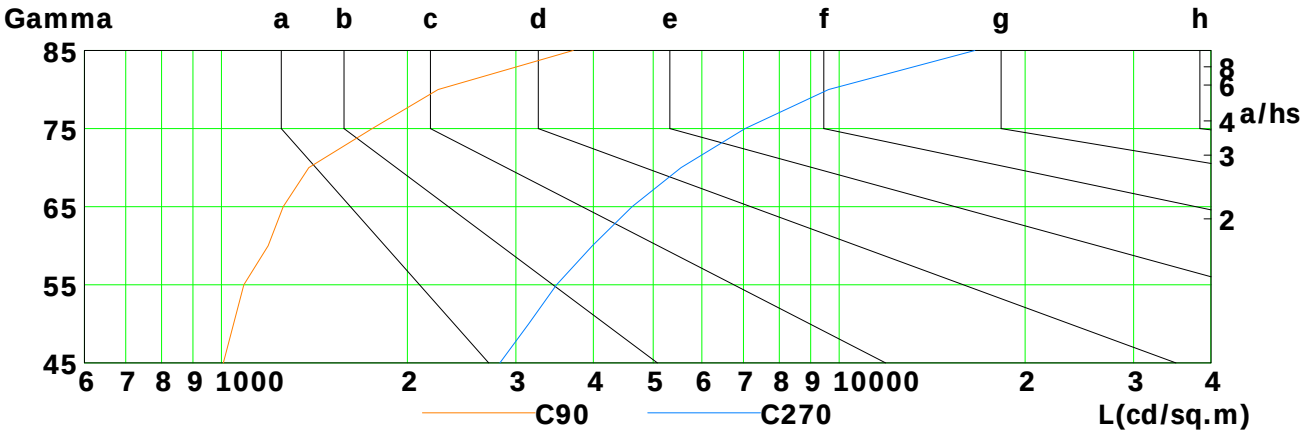
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.2 lx

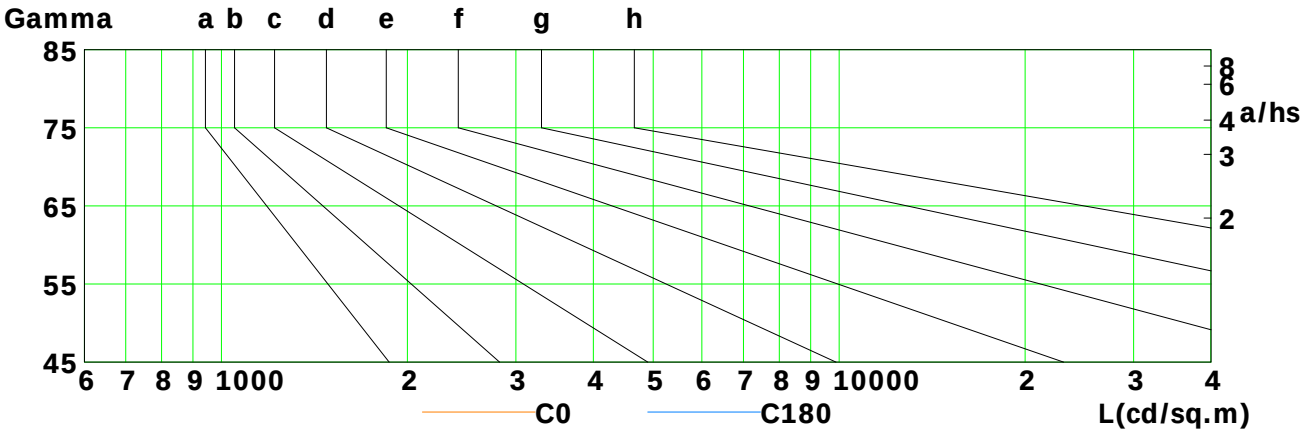
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

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



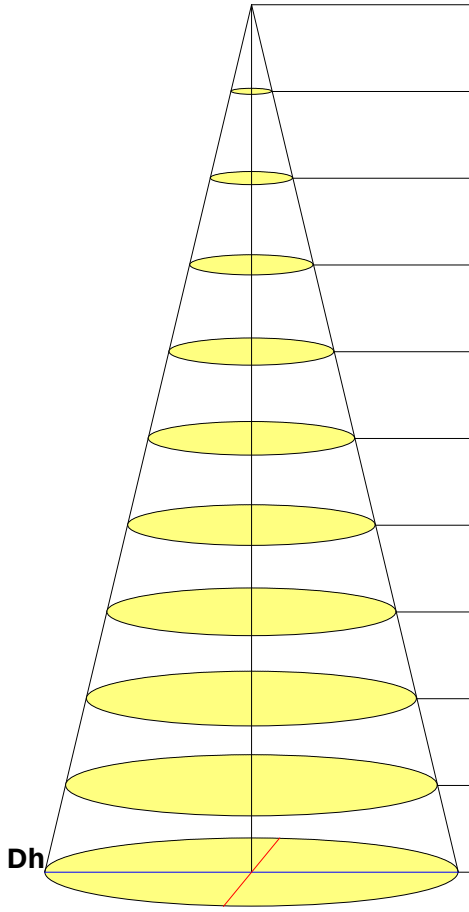


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	468	407	344	289	226	173	107	71	14
C90	1008	1047	1087	1191	1260	1385	1755	2243	3714
C180	475	414	355	297	241	191	139	82	41
C270	2824	3146	3489	3989	4625	5548	7048	9618	16589

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



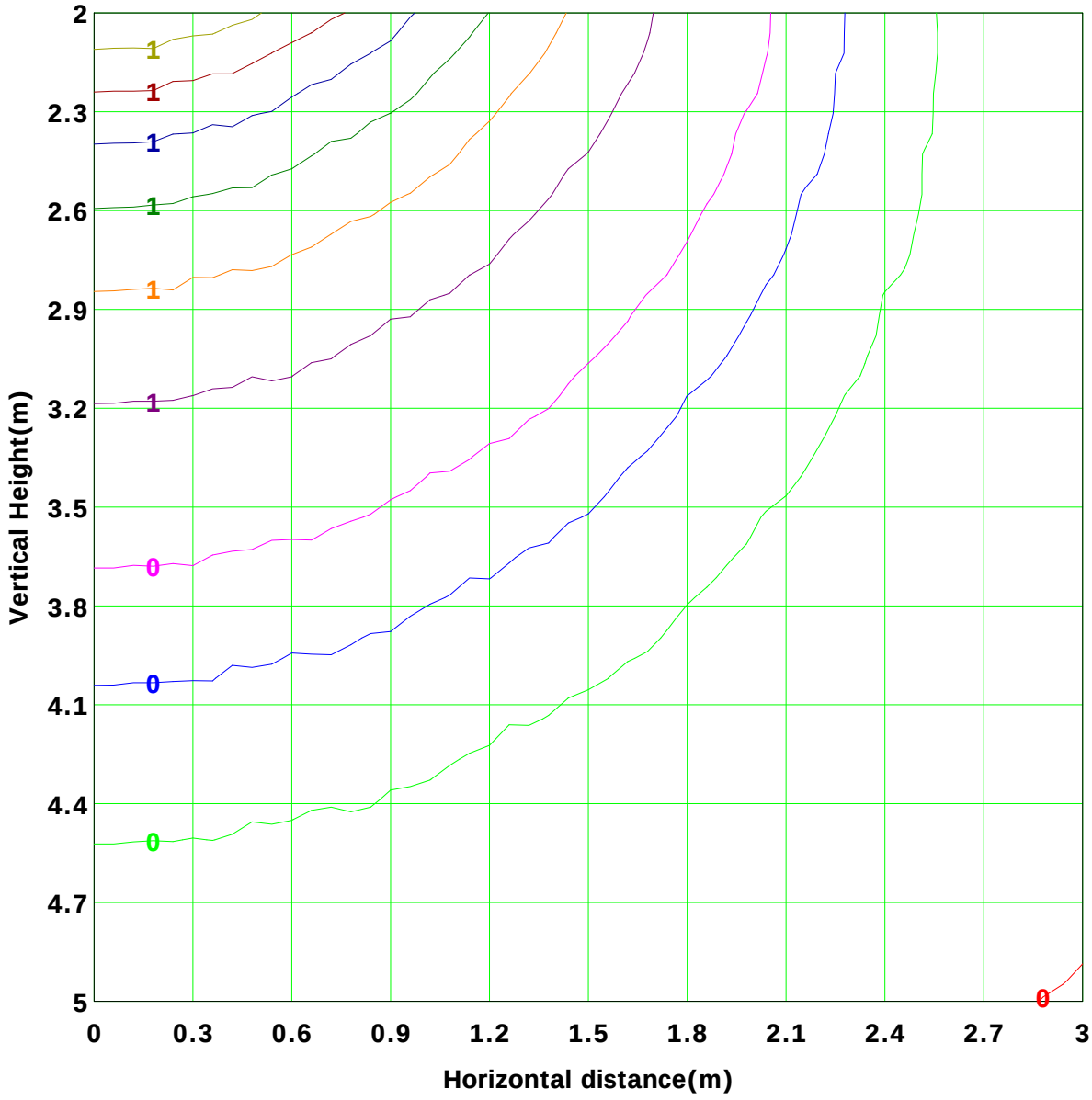
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	5.23	2.72/39.92	NA	NA
2.0	1.31	5.45/79.83	NA	NA
3.0	0.58	8.17/119.75	NA	NA
4.0	0.33	10.89/159.66	NA	NA
5.0	0.21	13.61/199.58	NA	NA
6.0	0.15	16.34/239.50	NA	NA
7.0	0.11	19.06/279.41	NA	NA
8.0	0.08	21.78/319.33	NA	NA
9.0	0.06	24.50/359.24	NA	NA
10.0	0.05	27.23/399.16	NA	NA

Beam Angle(B): H107.4 V174.3 Field Angle(F): H158.8 V273.8

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: 1.3 lx

(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.3 lx	(30%): 0.4 lx
(40%): 0.5 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 0.9 lx
(80%): 1.0 lx	(90%): 1.2 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
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Area Flux Table

Unit: lm

Rows: Vertical plane; Columns: Horizontal plane

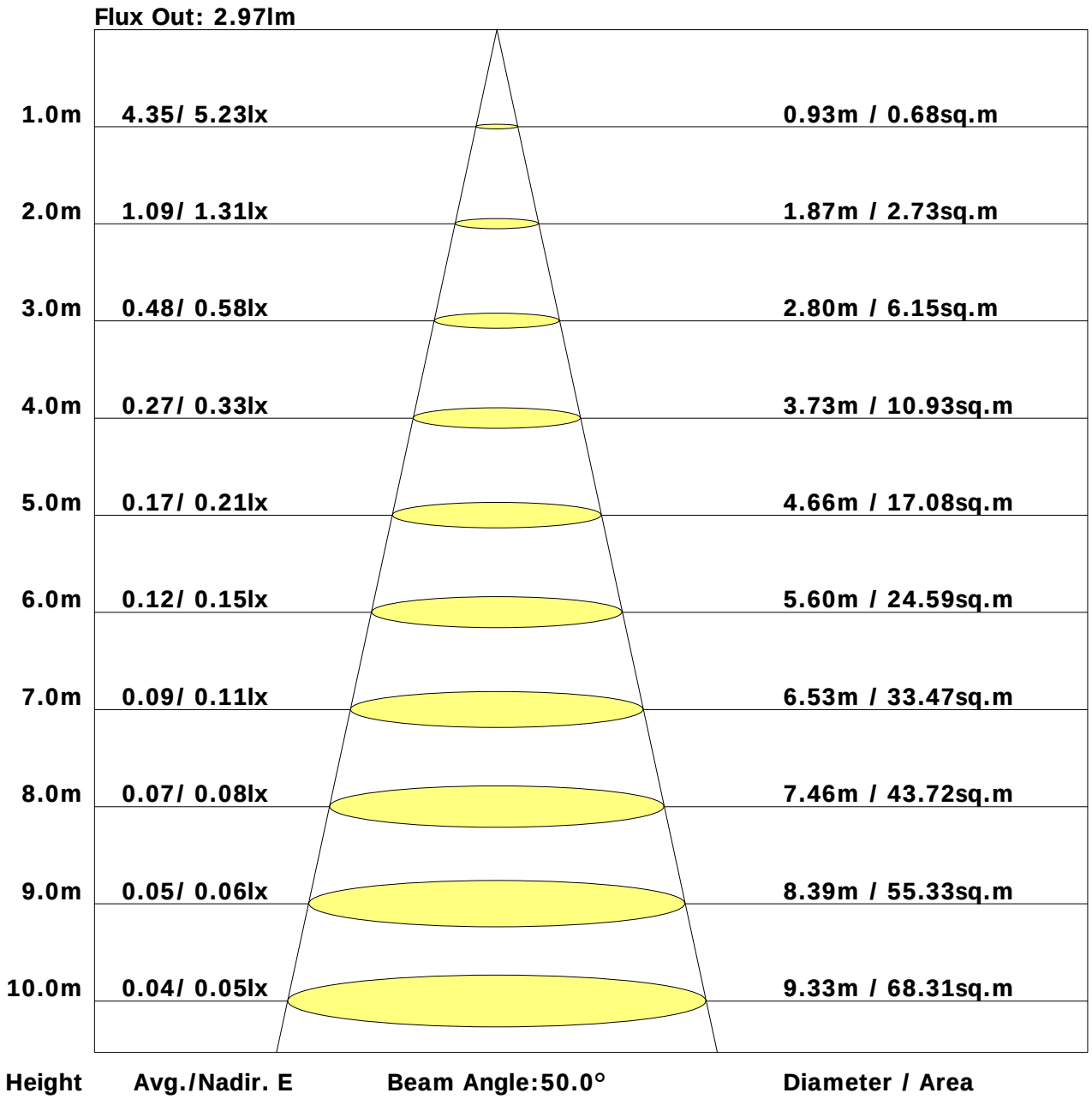
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	1.9	1.9
-80	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.1	2.1
-70	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.1	2.1
-60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.2	2.2
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.1	2.1
-40	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.0	2.0
-30	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	1.8	1.8
-20	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.6	1.6
-10	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.4	1.4
0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.3	1.3
10	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.1	1.1
20	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.0	1.0
30	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.9
40	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.8
50	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
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	0.4	0.4
Flux(T)	0.0	0.2	0.5	0.9	1.3	1.8	2.3	2.6	2.8	2.8	2.6	2.3	1.8	1.3	0.8	0.4	0.2	0.0	24	
Flux(E)	0.0	0.1	0.4	0.8	1.3	1.8	2.3	2.6	2.8	2.8	2.6	2.3	1.8	1.3	0.8	0.4	0.1	0.0		24

Vertical plane: -90 to 90; Horizontal plane: -90 to 90

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	20.6	21.9	21.2	22.6	23.4	16.7	18.1	17.4	18.8	19.6
3H	22.4	23.6	23.1	24.3	25.2	18.9	20.1	19.6	20.8	21.7
4H	23.1	24.2	23.8	25.0	25.8	19.9	21.1	20.6	21.8	22.7
6H	23.5	24.6	24.3	25.4	26.3	20.9	22.0	21.6	22.7	23.6
8H	23.7	24.7	24.4	25.5	26.4	21.4	22.4	22.1	23.2	24.1
12H	23.8	24.8	24.5	25.5	26.5	21.8	22.9	22.6	23.6	24.5
X=4H Y=2H	21.7	22.9	22.4	23.6	24.5	17.3	18.4	18.0	19.2	20.0
3H	23.9	24.9	24.6	25.7	26.5	19.7	20.7	20.4	21.5	22.4
4H	24.8	25.7	25.5	26.5	27.4	21.0	21.9	21.7	22.7	23.6
6H	25.5	26.3	26.3	27.1	28.1	22.1	22.9	22.8	23.7	24.6
8H	25.8	26.6	26.5	27.3	28.3	22.7	23.5	23.4	24.2	25.2
12H	25.9	26.7	26.7	27.5	28.4	23.2	24.0	24.0	24.8	25.7
X=8H Y=4H	25.8	26.6	26.5	27.3	28.3	21.3	22.1	22.0	22.9	23.8
6H	26.8	27.5	27.6	28.3	29.3	22.6	23.3	23.4	24.2	25.1
8H	27.3	27.9	28.1	28.7	29.7	23.4	24.0	24.2	24.8	25.8
12H	27.7	28.2	28.5	29.0	30.0	24.1	24.7	24.9	25.5	26.5
X=12H Y=4H	26.0	26.7	26.8	27.6	28.5	21.3	22.1	22.1	22.9	23.8
6H	27.2	27.9	28.0	28.7	29.7	22.8	23.4	23.6	24.2	25.2
8H	27.8	28.4	28.6	29.2	30.2	23.6	24.1	24.4	24.9	25.9

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 = 1.50				
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	0.45	0.52	0.59	0.64	0.72	0.77	0.80	0.86	0.89
	0.30		0.36	0.44	0.51	0.56	0.64	0.70	0.74	0.80	0.84
	0.20		0.31	0.37	0.44	0.50	0.58	0.64	0.68	0.75	0.80
0.50	0.50	0.20	0.41	0.48	0.54	0.58	0.65	0.69	0.73	0.77	0.80
	0.30		0.34	0.40	0.47	0.52	0.59	0.64	0.67	0.73	0.76
	0.20		0.29	0.35	0.41	0.46	0.53	0.59	0.63	0.69	0.73
0.30	0.50	0.20	0.37	0.43	0.49	0.53	0.58	0.62	0.65	0.69	0.72
	0.30		0.31	0.37	0.43	0.47	0.53	0.58	0.61	0.66	0.69
	0.20		0.27	0.32	0.38	0.43	0.49	0.54	0.57	0.63	0.66
0.00	0.00	0.00	0.22	0.27	0.32	0.36	0.41	0.46	0.49	0.53	0.56

Rating:5W 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 = 1.50								
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	1.04	0.91	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.69	0.63	0.53	0.47	0.41	0.34	0.29
	0.20		0.75	0.68	0.62	0.57	0.49	0.43	0.39	0.32	0.27
0.50	0.50	0.20	0.96	0.84	0.73	0.65	0.54	0.49	0.41	0.33	0.28
	0.30		0.81	0.73	0.65	0.59	0.50	0.43	0.39	0.32	0.27
	0.20		0.70	0.64	0.58	0.53	0.46	0.40	0.36	0.30	0.26
0.30	0.50	0.20	0.89	0.77	0.67	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.76	0.68	0.60	0.55	0.46	0.40	0.36	0.30	0.25
	0.20		0.66	0.60	0.54	0.50	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.54	0.49	0.44	0.40	0.35	0.31	0.27	0.23	0.20

Rating:5W 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 = 1.50								
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	0.40	0.41	0.42	0.43	0.44	0.44	0.44	0.45	0.45
	0.30		0.33	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.41
	0.20		0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38
0.50	0.50	0.20	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.43
	0.30		0.32	0.34	0.35	0.35	0.37	0.38	0.38	0.39	0.40
	0.20		0.27	0.29	0.30	0.31	0.32	0.33	0.34	0.36	0.37
0.30	0.50	0.20	0.37	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.41
	0.30		0.32	0.33	0.34	0.34	0.36	0.36	0.37	0.38	0.38
	0.20		0.27	0.28	0.29	0.30	0.32	0.33	0.34	0.35	0.36
0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24

Rating:5W 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	5.2	0.0	0.0	0.02	0.02
1.0-2.0	5.2	0.0	0.0	0.05	0.06
2.0-3.0	5.1	0.0	0.0	0.08	0.14
3.0-4.0	5.1	0.0	0.1	0.11	0.24
4.0-5.0	5.1	0.0	0.1	0.14	0.38
5.0-6.0	5.1	0.1	0.2	0.17	0.55
6.0-7.0	5.1	0.1	0.2	0.20	0.75
7.0-8.0	5.1	0.1	0.3	0.23	0.98
8.0-9.0	5.1	0.1	0.4	0.26	1.24
9.0-10.0	5.1	0.1	0.5	0.29	1.53
10.0-11.0	5.1	0.1	0.6	0.32	1.85
11.0-12.0	5.1	0.1	0.7	0.35	2.19
12.0-13.0	5.1	0.1	0.8	0.38	2.57
13.0-14.0	5.1	0.1	1.0	0.41	2.97
14.0-15.0	5.1	0.1	1.1	0.44	3.41
15.0-16.0	5.1	0.1	1.2	0.46	3.87
16.0-17.0	5.1	0.2	1.4	0.49	4.36
17.0-18.0	5.1	0.2	1.6	0.52	4.88
18.0-19.0	5.0	0.2	1.7	0.55	5.43
19.0-20.0	5.0	0.2	1.9	0.57	6.00
20.0-21.0	5.0	0.2	2.1	0.60	6.60
21.0-22.0	5.0	0.2	2.3	0.62	7.22
22.0-23.0	5.0	0.2	2.5	0.65	7.88
23.0-24.0	5.0	0.2	2.7	0.68	8.55
24.0-25.0	5.0	0.2	3.0	0.70	9.26
25.0-26.0	4.9	0.2	3.2	0.73	9.98
26.0-27.0	4.9	0.2	3.4	0.75	10.73
27.0-28.0	4.9	0.2	3.7	0.77	11.51
28.0-29.0	4.9	0.3	4.0	0.80	12.30
29.0-30.0	4.9	0.3	4.2	0.82	13.12
30.0-31.0	4.8	0.3	4.5	0.84	13.96
31.0-32.0	4.8	0.3	4.8	0.86	14.82
32.0-33.0	4.8	0.3	5.0	0.88	15.70
33.0-34.0	4.8	0.3	5.3	0.90	16.61
34.0-35.0	4.8	0.3	5.6	0.92	17.53
35.0-36.0	4.7	0.3	5.9	0.94	18.47

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	4.7	0.3	6.2	0.96	19.42
37.0-38.0	4.7	0.3	6.6	0.98	20.40
38.0-39.0	4.7	0.3	6.9	1.00	21.40
39.0-40.0	4.6	0.3	7.2	1.01	22.41
40.0-41.0	4.6	0.3	7.5	1.02	23.43
41.0-42.0	4.6	0.3	7.9	1.04	24.47
42.0-43.0	4.6	0.3	8.2	1.05	25.52
43.0-44.0	4.5	0.3	8.5	1.06	26.59
44.0-45.0	4.5	0.3	8.9	1.08	27.67
45.0-46.0	4.5	0.3	9.2	1.09	28.75
46.0-47.0	4.4	0.4	9.6	1.10	29.85
47.0-48.0	4.4	0.4	9.9	1.11	30.96
48.0-49.0	4.4	0.4	10.3	1.12	32.08
49.0-50.0	4.3	0.4	10.7	1.13	33.20
50.0-51.0	4.3	0.4	11.0	1.14	34.34
51.0-52.0	4.3	0.4	11.4	1.14	35.48
52.0-53.0	4.2	0.4	11.8	1.15	36.62
53.0-54.0	4.2	0.4	12.1	1.15	37.78
54.0-55.0	4.2	0.4	12.5	1.15	38.93
55.0-56.0	4.1	0.4	12.9	1.15	40.08
56.0-57.0	4.1	0.4	13.3	1.16	41.24
57.0-58.0	4.0	0.4	13.6	1.16	42.40
58.0-59.0	4.0	0.4	14.0	1.16	43.56
59.0-60.0	3.9	0.4	14.4	1.16	44.72
60.0-61.0	3.9	0.4	14.7	1.16	45.88
61.0-62.0	3.9	0.4	15.1	1.16	47.04
62.0-63.0	3.8	0.4	15.5	1.16	48.20
63.0-64.0	3.8	0.4	15.9	1.16	49.35
64.0-65.0	3.7	0.4	16.2	1.15	50.50
65.0-66.0	3.7	0.4	16.6	1.14	51.65
66.0-67.0	3.6	0.4	17.0	1.14	52.78
67.0-68.0	3.6	0.4	17.3	1.13	53.91
68.0-69.0	3.5	0.4	17.7	1.12	55.03
69.0-70.0	3.5	0.4	18.0	1.12	56.15
70.0-71.0	3.4	0.4	18.4	1.11	57.26
71.0-72.0	3.4	0.4	18.8	1.10	58.36

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	3.3	0.4	19.1	1.09	59.45
73.0-74.0	3.3	0.3	19.4	1.08	60.53
74.0-75.0	3.3	0.3	19.8	1.07	61.60
75.0-76.0	3.2	0.3	20.1	1.06	62.66
76.0-77.0	3.2	0.3	20.5	1.05	63.71
77.0-78.0	3.1	0.3	20.8	1.03	64.74
78.0-79.0	3.1	0.3	21.1	1.02	65.77
79.0-80.0	3.0	0.3	21.5	1.01	66.78
80.0-81.0	3.0	0.3	21.8	1.00	67.78
81.0-82.0	2.9	0.3	22.1	0.99	68.77
82.0-83.0	2.9	0.3	22.4	0.98	69.75
83.0-84.0	2.8	0.3	22.7	0.96	70.71
84.0-85.0	2.8	0.3	23.0	0.95	71.66
85.0-86.0	2.8	0.3	23.3	0.94	72.60
86.0-87.0	2.7	0.3	23.6	0.92	73.52
87.0-88.0	2.7	0.3	23.9	0.91	74.43
88.0-89.0	2.6	0.3	24.2	0.90	75.32
89.0-90.0	2.6	0.3	24.5	0.88	76.21
90.0-91.0	2.6	0.3	24.8	0.87	77.08
91.0-92.0	2.5	0.3	25.0	0.86	77.94
92.0-93.0	2.5	0.3	25.3	0.85	78.79
93.0-94.0	2.5	0.3	25.6	0.84	79.62
94.0-95.0	2.4	0.3	25.8	0.82	80.45
95.0-96.0	2.4	0.3	26.1	0.81	81.26
96.0-97.0	2.3	0.3	26.4	0.80	82.05
97.0-98.0	2.3	0.3	26.6	0.78	82.84
98.0-99.0	2.3	0.2	26.9	0.77	83.61
99.0-100.0	2.3	0.2	27.1	0.76	84.37
100.0-101.0	2.2	0.2	27.3	0.74	85.11
101.0-102.0	2.2	0.2	27.6	0.72	85.83
102.0-103.0	2.1	0.2	27.8	0.70	86.53
103.0-104.0	2.1	0.2	28.0	0.68	87.22
104.0-105.0	2.0	0.2	28.2	0.67	87.89
105.0-106.0	2.0	0.2	28.4	0.65	88.53
106.0-107.0	1.9	0.2	28.6	0.63	89.16
107.0-108.0	1.9	0.2	28.8	0.61	89.77

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	1.8	0.2	29.0	0.59	90.36
109.0-110.0	1.8	0.2	29.2	0.57	90.93
110.0-111.0	1.7	0.2	29.4	0.54	91.47
111.0-112.0	1.6	0.2	29.6	0.52	91.99
112.0-113.0	1.6	0.2	29.7	0.50	92.50
113.0-114.0	1.5	0.2	29.9	0.48	92.98
114.0-115.0	1.5	0.1	30.0	0.46	93.44
115.0-116.0	1.4	0.1	30.2	0.44	93.87
116.0-117.0	1.4	0.1	30.3	0.42	94.29
117.0-118.0	1.3	0.1	30.4	0.40	94.69
118.0-119.0	1.3	0.1	30.5	0.38	95.07
119.0-120.0	1.2	0.1	30.7	0.35	95.42
120.0-121.0	1.1	0.1	30.8	0.33	95.75
121.0-122.0	1.1	0.1	30.9	0.31	96.06
122.0-123.0	1.0	0.1	31.0	0.29	96.35
123.0-124.0	0.9	0.1	31.0	0.27	96.62
124.0-125.0	0.9	0.1	31.1	0.25	96.87
125.0-126.0	0.9	0.1	31.2	0.24	97.11
126.0-127.0	0.8	0.1	31.3	0.22	97.33
127.0-128.0	0.8	0.1	31.3	0.21	97.54
128.0-129.0	0.7	0.1	31.4	0.19	97.73
129.0-130.0	0.7	0.1	31.5	0.18	97.91
130.0-131.0	0.6	0.1	31.5	0.16	98.07
131.0-132.0	0.6	0.0	31.6	0.15	98.22
132.0-133.0	0.5	0.0	31.6	0.14	98.36
133.0-134.0	0.5	0.0	31.6	0.13	98.49
134.0-135.0	0.5	0.0	31.7	0.12	98.61
135.0-136.0	0.5	0.0	31.7	0.11	98.73
136.0-137.0	0.4	0.0	31.8	0.10	98.83
137.0-138.0	0.4	0.0	31.8	0.09	98.92
138.0-139.0	0.4	0.0	31.8	0.08	99.00
139.0-140.0	0.3	0.0	31.8	0.08	99.08
140.0-141.0	0.3	0.0	31.9	0.07	99.14
141.0-142.0	0.3	0.0	31.9	0.06	99.20
142.0-143.0	0.3	0.0	31.9	0.05	99.26
143.0-144.0	0.3	0.0	31.9	0.05	99.31

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	0.2	0.0	31.9	0.05	99.36
145.0-146.0	0.2	0.0	31.9	0.04	99.40
146.0-147.0	0.2	0.0	31.9	0.04	99.44
147.0-148.0	0.2	0.0	32.0	0.04	99.48
148.0-149.0	0.2	0.0	32.0	0.04	99.52
149.0-150.0	0.2	0.0	32.0	0.04	99.55
150.0-151.0	0.2	0.0	32.0	0.03	99.59
151.0-152.0	0.2	0.0	32.0	0.03	99.62
152.0-153.0	0.2	0.0	32.0	0.03	99.65
153.0-154.0	0.2	0.0	32.0	0.03	99.68
154.0-155.0	0.2	0.0	32.0	0.03	99.71
155.0-156.0	0.2	0.0	32.0	0.03	99.74
156.0-157.0	0.2	0.0	32.1	0.03	99.77
157.0-158.0	0.2	0.0	32.1	0.02	99.79
158.0-159.0	0.2	0.0	32.1	0.02	99.81
159.0-160.0	0.2	0.0	32.1	0.02	99.83
160.0-161.0	0.2	0.0	32.1	0.02	99.85
161.0-162.0	0.2	0.0	32.1	0.02	99.87
162.0-163.0	0.2	0.0	32.1	0.02	99.89
163.0-164.0	0.2	0.0	32.1	0.02	99.90
164.0-165.0	0.2	0.0	32.1	0.01	99.92
165.0-166.0	0.2	0.0	32.1	0.01	99.93
166.0-167.0	0.1	0.0	32.1	0.01	99.94
167.0-168.0	0.1	0.0	32.1	0.01	99.95
168.0-169.0	0.1	0.0	32.1	0.01	99.96
169.0-170.0	0.1	0.0	32.1	0.01	99.97
170.0-171.0	0.1	0.0	32.1	0.01	99.98
171.0-172.0	0.1	0.0	32.1	0.01	99.98
172.0-173.0	0.1	0.0	32.1	0.00	99.99
173.0-174.0	0.1	0.0	32.1	0.00	99.99
174.0-175.0	0.1	0.0	32.1	0.00	99.99
175.0-176.0	0.1	0.0	32.1	0.00	100.00
176.0-177.0	0.1	0.0	32.1	0.00	100.00
177.0-178.0	0.1	0.0	32.1	0.00	100.00
178.0-179.0	0.1	0.0	32.1	0.00	100.00
179.0-180.0	0.1	0.0	32.1	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: