ACOLYTE
https://www.genledbrands.com/
Tel:+1 212 629 68304(USA)
Fax:(+1) 210 360 1454

Report No.: **Test Time: 2020/12/31 16:31**

Luminaire Property

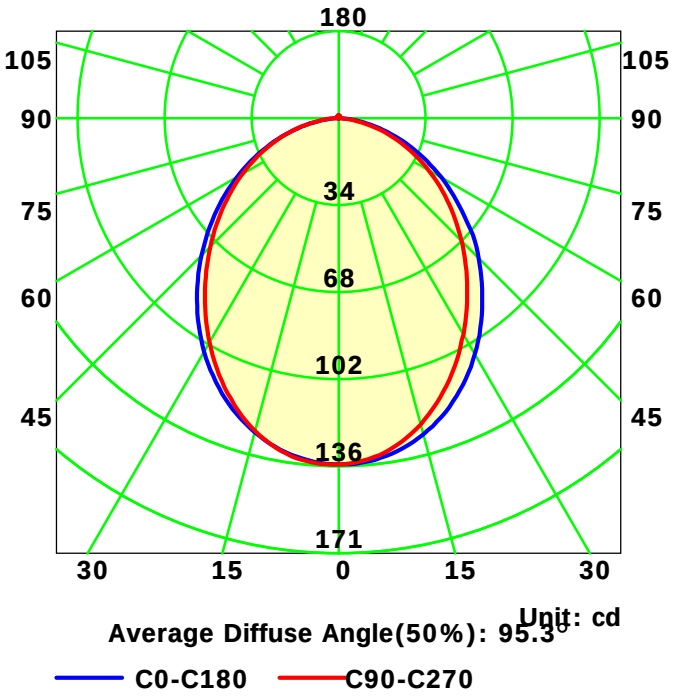
Luminaire Manufacturer: ACOLYTE
Luminaire Category: CHANNEL **Luminaire Description: ROUND12**
Lamp Catalog: RIBBONLYTE **Lamp Description: RB90SWS2203.030**
Number of Lamps: 1 ROW **Luminous Length (mm): 500**
Luminous Width (mm): 20 **Luminous Height (mm): 17.4**
Voltage: 24.0 V **Current: 0.219 A**
Power: 5.27 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 324.0 lm**
Measurement Flux: 324 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H155.6,H98.8
Vertical Diffuse Angle(10%,50%): V154.6,V91.9
Luminaire Efficacy Rating (LER): 61 **Central Intensity: 136.18 cd**
Max. Intensity: 136.39 cd **Pos of Max. Intensity: H300 V1**

Picture Of Luminaire

Luminous Intensity Distribution Curve



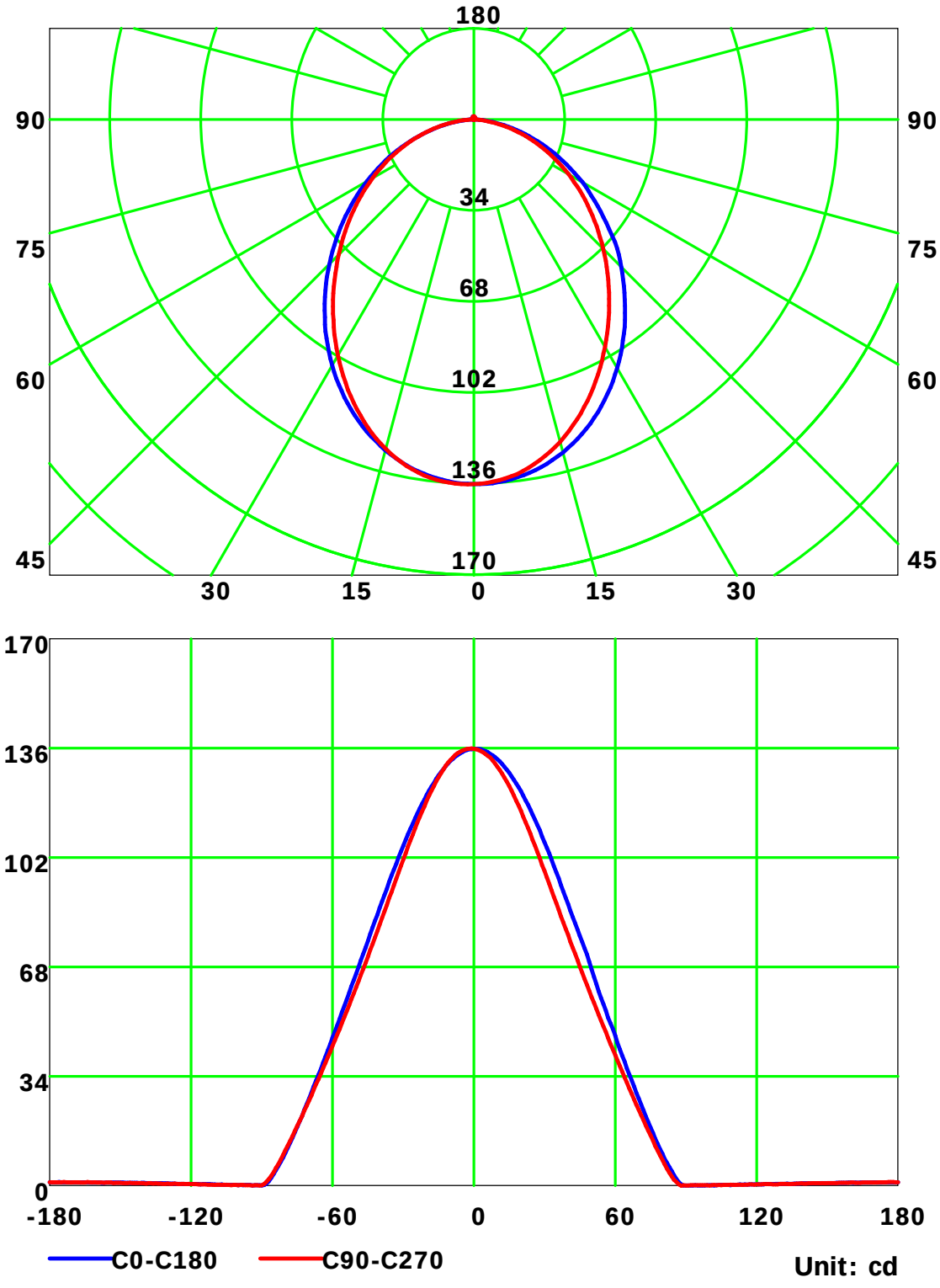
Unit: cd

Average Diffuse Angle(50%): 95.3°

C0-C180 **C90-C270**

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:**

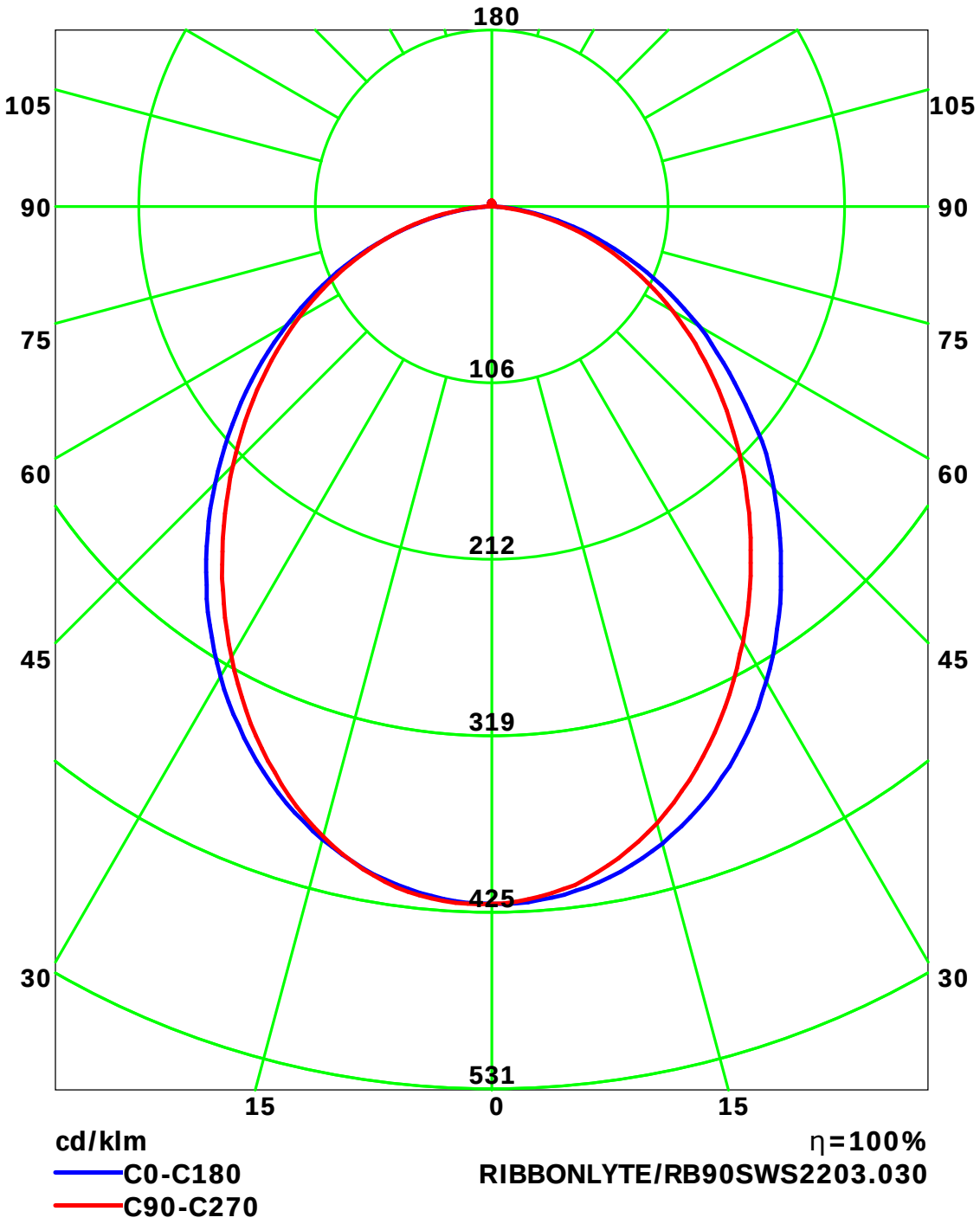
Luminous Intensity Distribution Curve



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

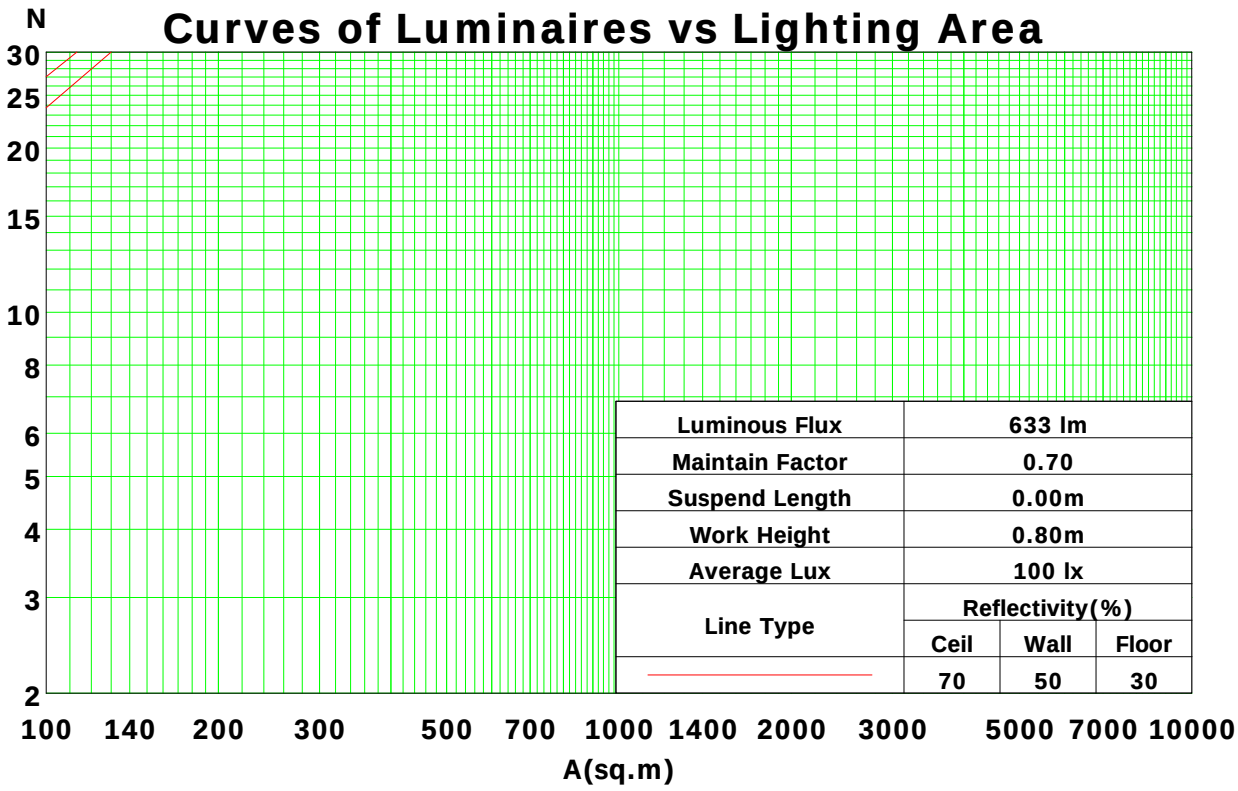
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	105	101	97	106	102	99	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	80	72	67	76	70	65	74	68	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	54	52
5	77	65	56	50	75	64	56	50	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	52	47	42	40
7	67	53	45	39	65	53	45	39	51	44	38	50	43	38	48	42	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	44	38	34	32
9	58	45	37	32	57	44	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	32	28	27

Spacing Criteria (0-180): 1.17
Spacing Criteria (90-270): 1.11
Spacing Criteria (Diagonal): 1.25

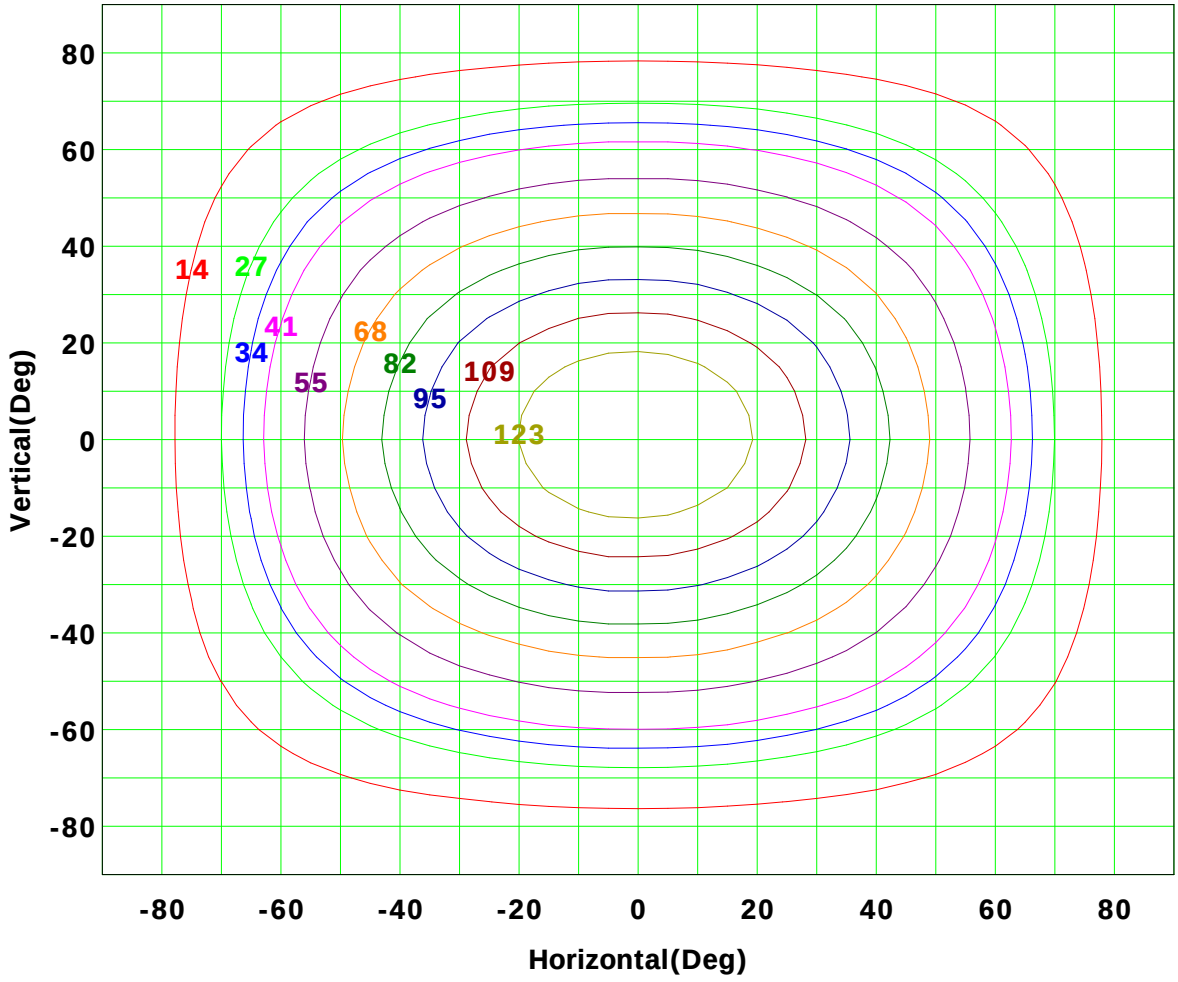
Curves of Luminaires vs Lighting Area



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)



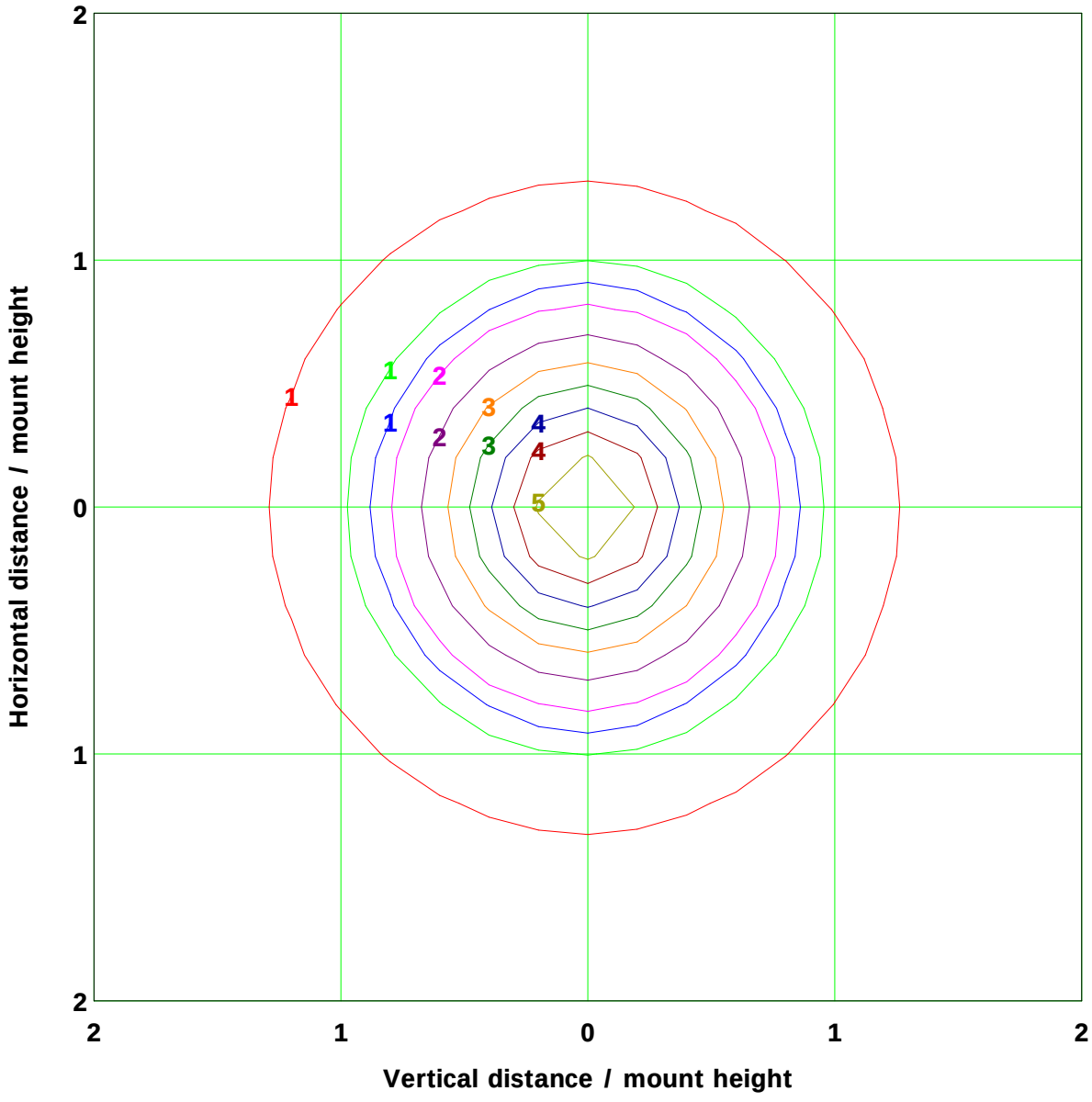
Imax (100%): 136 cd

(10%):	14 cd	(20%):	27 cd
(25%):	34 cd	(30%):	41 cd
(40%):	55 cd	(50%):	68 cd
(60%):	82 cd	(70%):	95 cd
(80%):	109 cd	(90%):	123 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%): 5.5 lx

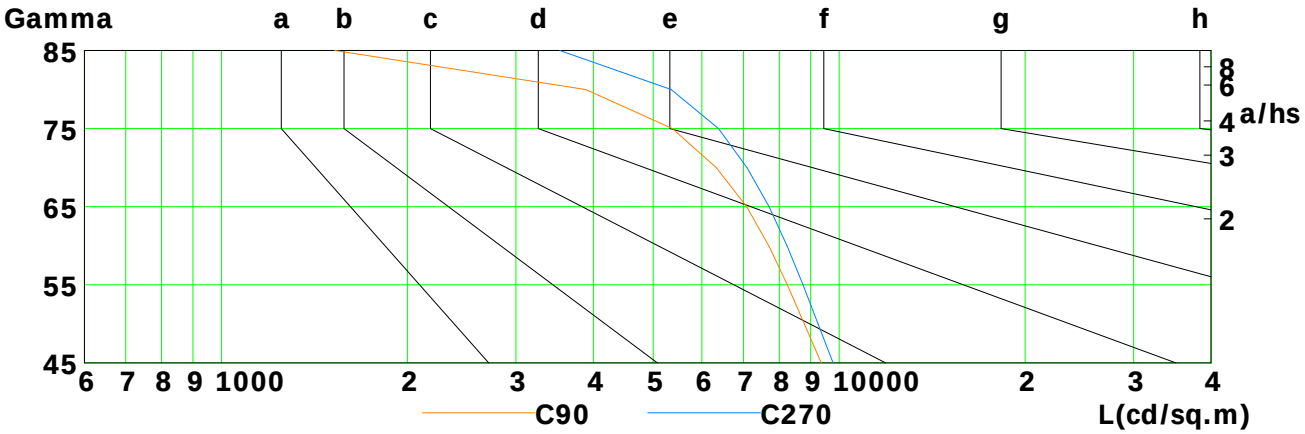
(10%): 0.5 lx	(20%): 1.1 lx
(25%): 1.4 lx	(30%): 1.6 lx
(40%): 2.2 lx	(50%): 2.7 lx
(60%): 3.3 lx	(70%): 3.8 lx
(80%): 4.4 lx	(90%): 4.9 lx

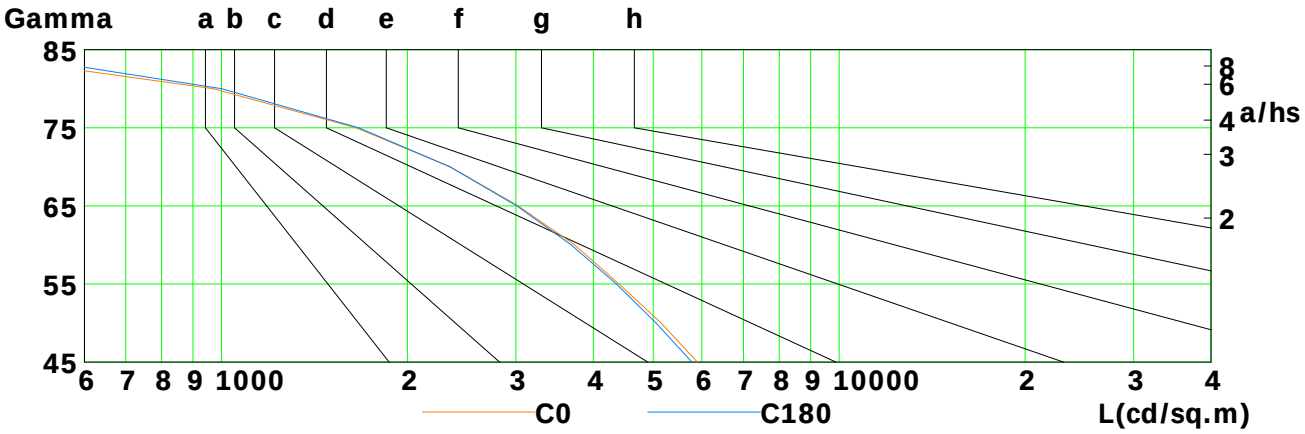
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



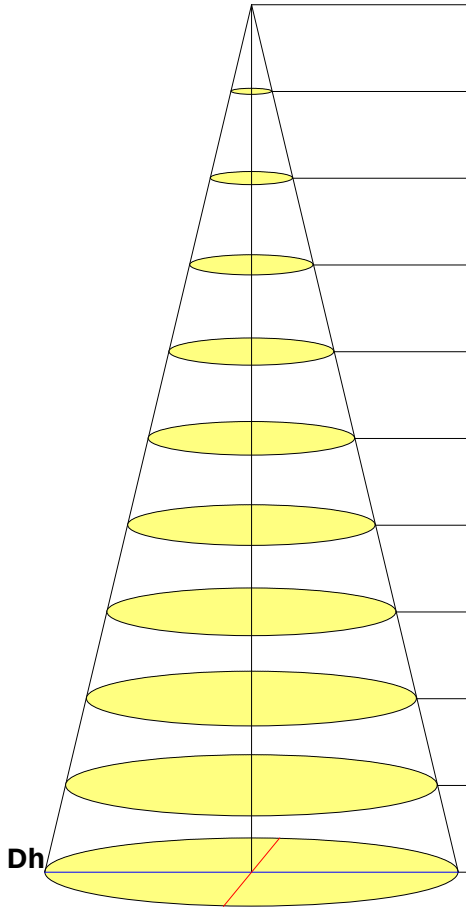


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5894	5154	4403	3736	3022	2347	1653	971	346
C90	9353	8789	8246	7698	7083	6325	5372	3891	1527
C180	5777	5054	4361	3687	3008	2346	1669	1002	395
C270	9776	9251	8741	8237	7707	7093	6384	5348	3530

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



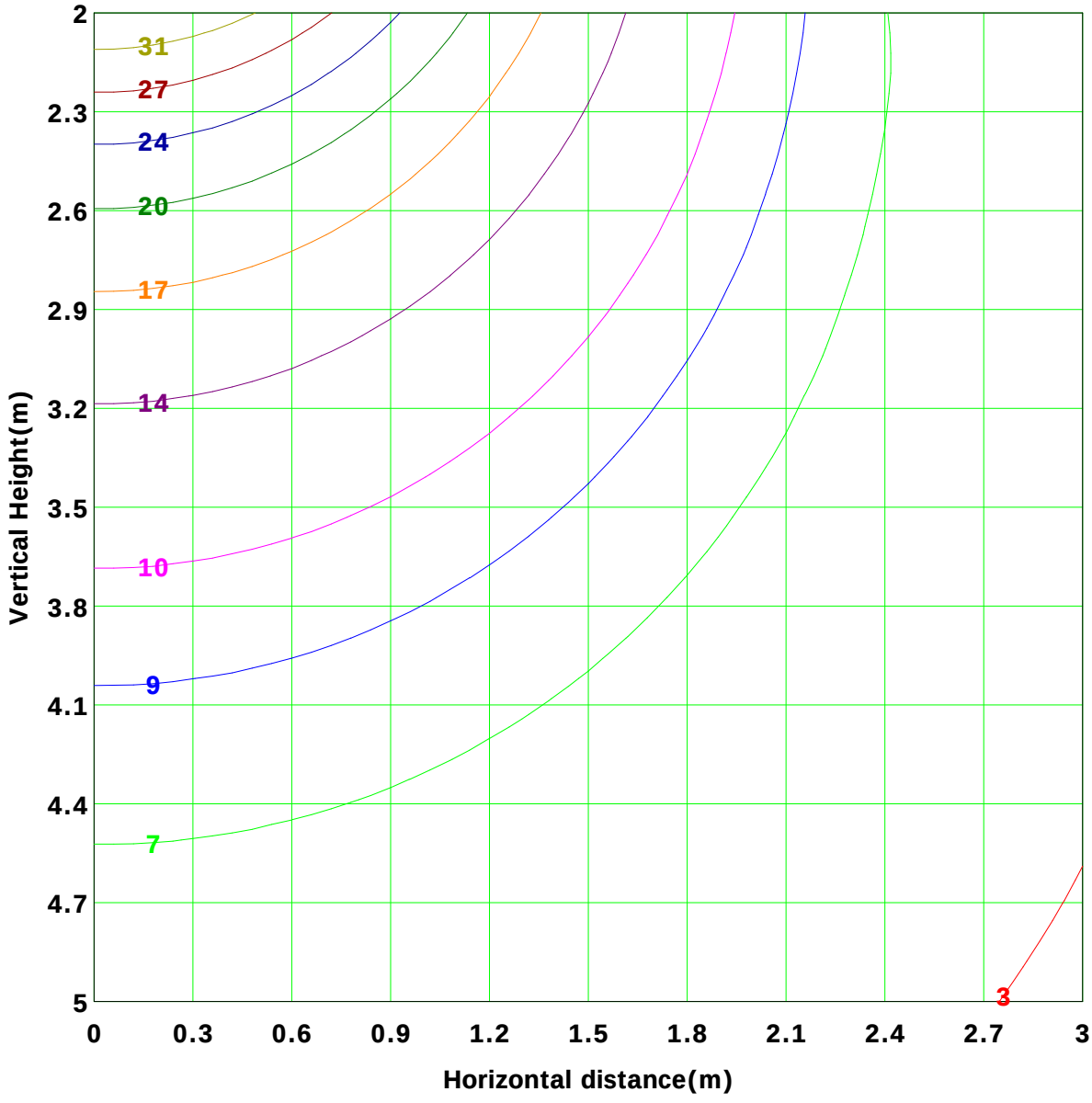
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	136.18	2.33/2.07	3.8	31.14
2.0	34.04	4.67/4.13	15.1	7.79
3.0	15.13	7.00/6.20	34.0	3.46
4.0	8.51	9.33/8.27	60.5	1.95
5.0	5.45	11.67/10.33	94.5	1.25
6.0	3.78	14.00/12.40	136.0	0.87
7.0	2.78	16.34/14.47	185.2	0.64
8.0	2.13	18.67/16.53	241.8	0.49
9.0	1.68	21.00/18.60	306.1	0.38
10.0	1.36	23.34/20.67	377.9	0.31

Beam Angle(B): H98.8 V91.9 Field Angle(F): H155.6 V154.6

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: 34.0 lx

(10%): 3.4 lx	(20%): 6.8 lx
(25%): 8.5 lx	(30%): 10.2 lx
(40%): 13.6 lx	(50%): 17.0 lx
(60%): 20.4 lx	(70%): 23.8 lx
(80%): 27.2 lx	(90%): 30.6 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

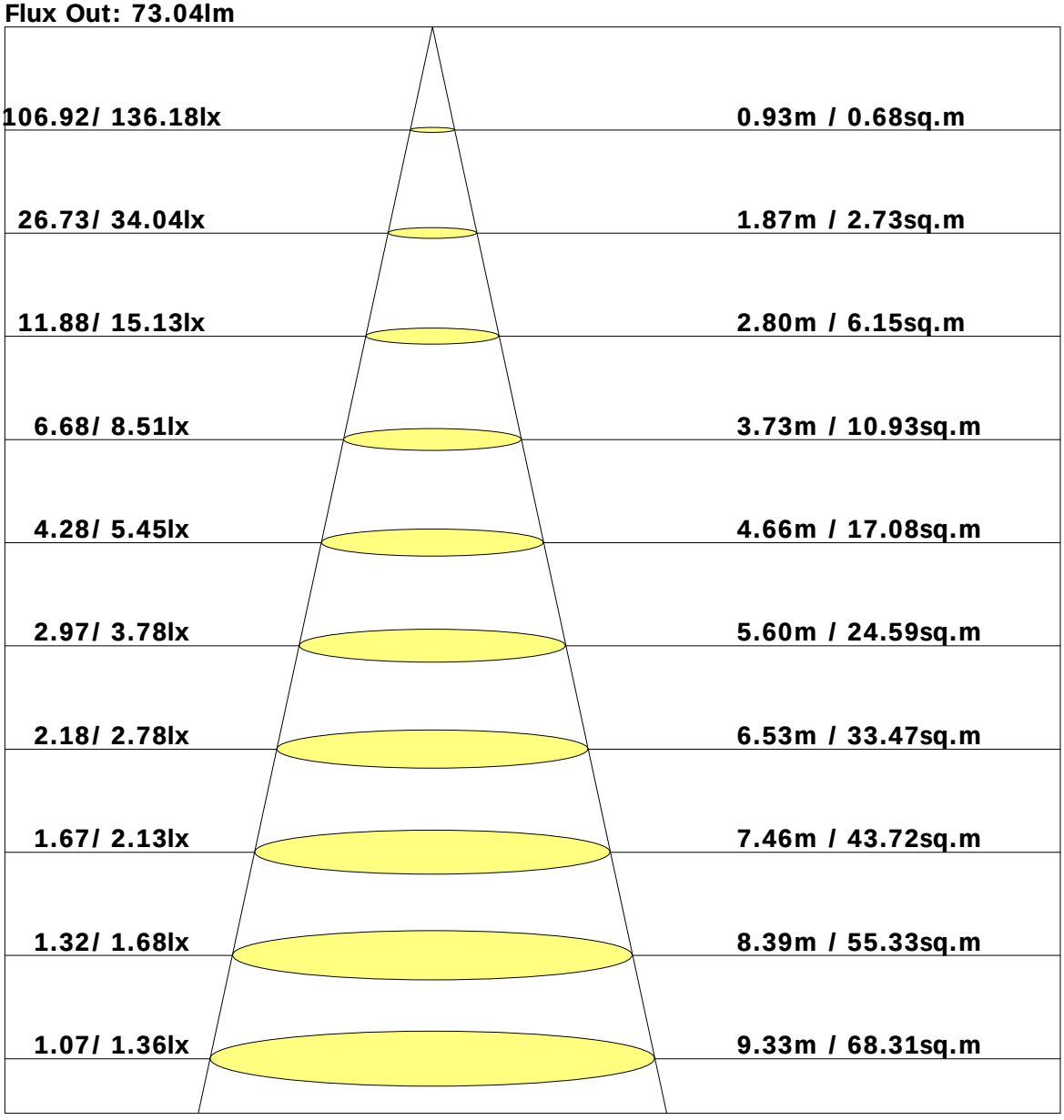
Horizontal plane	Vertical plane																									Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
-80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.5	1.0
-70	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	4.8	4.4
-60	0.0	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.0	9.9	9.5
-50	0.0	0.1	0.2	0.5	0.7	1.2	1.4	1.5	1.6	1.6	1.6	1.4	1.2	0.9	0.7	0.4	0.2	0.0	0.0	16.3	15.9
-40	0.0	0.1	0.3	0.6	1.0	1.7	2.0	2.2	2.4	2.4	2.3	2.0	1.7	1.2	0.9	0.6	0.3	0.1	0.0	23.4	23.0
-30	0.0	0.1	0.4	0.7	1.2	2.2	2.6	2.9	3.1	3.1	3.0	2.6	2.2	1.7	1.2	0.8	0.4	0.1	0.0	30.0	29.6
-20	0.0	0.1	0.5	0.9	1.5	2.6	3.1	3.4	3.7	3.7	3.5	3.1	2.6	2.1	1.5	1.0	0.5	0.1	0.0	35.3	34.9
-10	0.0	0.1	0.6	1.1	1.6	2.8	3.3	3.7	4.0	4.1	3.8	3.3	2.7	2.2	1.6	1.1	0.5	0.1	0.0	38.2	37.8
0	0.0	0.1	0.6	1.1	1.6	2.8	3.4	3.7	4.0	4.1	3.8	3.4	2.7	2.2	1.5	1.0	0.5	0.1	0.0	38.3	37.9
10	0.0	0.1	0.5	1.0	1.5	2.6	3.1	3.5	3.7	3.7	3.5	3.0	2.5	1.9	1.4	0.9	0.4	0.1	0.0	35.6	35.2
20	0.0	0.1	0.5	0.9	1.3	2.2	2.6	3.0	3.2	3.1	3.0	2.6	2.1	1.7	1.2	0.8	0.4	0.1	0.0	30.3	29.9
30	0.0	0.1	0.4	0.7	1.0	1.7	2.1	2.4	2.4	2.4	2.3	2.1	1.7	1.3	1.0	0.6	0.3	0.0	0.0	23.6	23.2
40	0.0	0.1	0.3	0.5	0.7	1.2	1.5	1.7	1.7	1.7	1.6	1.4	1.2	0.9	0.7	0.4	0.2	0.0	0.0	16.5	16.1
50	0.0	0.1	0.2	0.4	0.5	0.8	1.0	1.1	1.0	1.0	0.9	0.9	0.7	0.6	0.4	0.3	0.1	0.0	0.0	10.0	9.6
60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.8	4.4
70	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.5	1.0
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	0.1	0.0
90	1.2	4.8	9.1	13.8	18.6	23.4	27.9	31.4	33.2	33.0	30.8	27.1	22.6	17.8	13.0	8.3	4.0	0.6	0.0	321	
Flux(T)	0.0	3.3	8.8	13.6	18.5	23.3	27.8	31.3	33.2	33.0	30.7	27.0	22.5	17.6	12.8	7.9	2.1	0.0			
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			313

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: 73.04lm



Height Avg./Nadir. E Beam Angle:50.0° Diameter / 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:

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	22.3	23.9	22.7	24.2	24.6	20.1	21.6	20.5	22.0	22.3
3H	23.9	25.3	24.3	25.7	26.1	21.3	22.7	21.7	23.0	23.4
4H	24.5	25.8	24.9	26.2	26.6	21.6	22.9	22.0	23.3	23.7
6H	24.9	26.1	25.3	26.5	26.9	21.8	23.0	22.2	23.4	23.8
8H	24.9	26.1	25.4	26.5	26.9	21.8	22.9	22.2	23.3	23.8
12H	25.0	26.1	25.4	26.5	26.9	21.8	22.9	22.2	23.3	23.7
X=4H Y=2H	22.6	23.9	23.0	24.3	24.7	20.7	22.0	21.1	22.4	22.8
3H	24.4	25.5	24.8	25.9	26.3	22.1	23.2	22.5	23.6	24.0
4H	25.0	26.0	25.5	26.4	26.9	22.5	23.5	22.9	23.9	24.4
6H	25.4	26.3	25.9	26.8	27.3	22.7	23.5	23.2	24.0	24.5
8H	25.6	26.4	26.0	26.8	27.3	22.7	23.5	23.2	24.0	24.4
12H	25.6	26.3	26.1	26.8	27.3	22.7	23.4	23.2	23.9	24.4
X=8H Y=4H	25.1	25.9	25.6	26.4	26.8	22.7	23.5	23.2	24.0	24.4
6H	25.5	26.2	26.1	26.7	27.2	22.9	23.6	23.4	24.1	24.6
8H	25.7	26.3	26.2	26.8	27.3	23.0	23.6	23.5	24.1	24.6
12H	25.8	26.3	26.3	26.8	27.4	23.0	23.5	23.5	24.0	24.6
X=12H Y=4H	25.1	25.8	25.6	26.3	26.8	22.7	23.4	23.2	23.9	24.4
6H	25.5	26.1	26.1	26.6	27.2	23.0	23.5	23.5	24.0	24.6
8H	25.7	26.2	26.2	26.7	27.3	23.0	23.5	23.5	24.0	24.6

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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.52	0.63	0.70	0.75	0.83	0.89	0.92	0.98	1.01
	0.20		0.47	0.57	0.65	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.56	0.64	0.69	0.77	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.57	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.51	0.60	0.67	0.72	0.79	0.83	0.86	0.91	0.94
	0.20		0.46	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92
0.00	0.00	0.00	0.44	0.53	0.60	0.65	0.72	0.76	0.79	0.84	0.87

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 = 1.25								
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	0.94	0.78	0.66	0.57	0.45	0.38	0.32	0.25	0.20
	0.30		0.79	0.66	0.57	0.51	0.41	0.35	0.30	0.23	0.19
	0.20		0.68	0.58	0.51	0.45	0.38	0.32	0.28	0.22	0.18
0.50	0.50	0.20	0.91	0.74	0.63	0.55	0.43	0.39	0.30	0.23	0.19
	0.30		0.77	0.64	0.56	0.49	0.40	0.33	0.28	0.22	0.18
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.18
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.34	0.29	0.22	0.18
	0.30		0.75	0.63	0.54	0.47	0.38	0.32	0.27	0.21	0.17
	0.20		0.66	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17
0.00	0.00	0.00	0.55	0.46	0.39	0.34	0.28	0.23	0.20	0.15	0.12

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 = 1.25								
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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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	136.2	0.1	0.1	0.04	0.04
1.0-2.0	136.2	0.4	0.5	0.12	0.16
2.0-3.0	136.0	0.7	1.2	0.20	0.36
3.0-4.0	135.8	0.9	2.1	0.28	0.64
4.0-5.0	135.4	1.2	3.2	0.36	1.00
5.0-6.0	135.0	1.4	4.7	0.44	1.44
6.0-7.0	134.6	1.7	6.3	0.52	1.96
7.0-8.0	134.0	1.9	8.3	0.59	2.55
8.0-9.0	133.4	2.2	10.4	0.67	3.21
9.0-10.0	132.6	2.4	12.8	0.74	3.96
10.0-11.0	131.9	2.6	15.5	0.81	4.77
11.0-12.0	131.0	2.9	18.3	0.88	5.65
12.0-13.0	130.0	3.1	21.4	0.95	6.60
13.0-14.0	128.9	3.3	24.7	1.02	7.62
14.0-15.0	127.8	3.5	28.2	1.08	8.71
15.0-16.0	126.6	3.7	31.9	1.15	9.85
16.0-17.0	125.4	3.9	35.8	1.21	11.06
17.0-18.0	124.1	4.1	39.9	1.26	12.32
18.0-19.0	122.7	4.3	44.2	1.32	13.64
19.0-20.0	121.2	4.4	48.6	1.37	15.01
20.0-21.0	119.7	4.6	53.2	1.42	16.43
21.0-22.0	118.2	4.7	58.0	1.47	17.89
22.0-23.0	116.6	4.9	62.9	1.51	19.40
23.0-24.0	114.9	5.0	67.9	1.55	20.95
24.0-25.0	113.2	5.1	73.0	1.59	22.54
25.0-26.0	111.5	5.3	78.3	1.62	24.17
26.0-27.0	109.7	5.4	83.7	1.66	25.82
27.0-28.0	107.9	5.5	89.1	1.69	27.51
28.0-29.0	106.0	5.5	94.7	1.71	29.22
29.0-30.0	104.2	5.6	100.3	1.74	30.96
30.0-31.0	102.2	5.7	106.0	1.76	32.71
31.0-32.0	100.3	5.7	111.7	1.77	34.49
32.0-33.0	98.4	5.8	117.5	1.79	36.28
33.0-34.0	96.4	5.8	123.4	1.80	38.08
34.0-35.0	94.4	5.9	129.2	1.81	39.89
35.0-36.0	92.4	5.9	135.1	1.82	41.70

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	90.4	5.9	141.0	1.82	43.53
37.0-38.0	88.4	5.9	146.9	1.82	45.35
38.0-39.0	86.4	5.9	152.8	1.82	47.17
39.0-40.0	84.4	5.9	158.7	1.82	48.98
40.0-41.0	82.3	5.9	164.6	1.81	50.79
41.0-42.0	80.3	5.8	170.4	1.80	52.59
42.0-43.0	78.3	5.8	176.2	1.79	54.38
43.0-44.0	76.3	5.8	182.0	1.78	56.16
44.0-45.0	74.3	5.7	187.7	1.76	57.92
45.0-46.0	72.3	5.7	193.3	1.75	59.67
46.0-47.0	70.3	5.6	198.9	1.73	61.40
47.0-48.0	68.4	5.5	204.5	1.71	63.10
48.0-49.0	66.4	5.5	209.9	1.68	64.79
49.0-50.0	64.4	5.4	215.3	1.66	66.44
50.0-51.0	62.4	5.3	220.6	1.63	68.07
51.0-52.0	60.4	5.2	225.7	1.60	69.67
52.0-53.0	58.4	5.1	230.8	1.57	71.24
53.0-54.0	56.5	5.0	235.8	1.54	72.78
54.0-55.0	54.5	4.9	240.7	1.50	74.28
55.0-56.0	52.6	4.8	245.4	1.47	75.75
56.0-57.0	50.7	4.6	250.1	1.43	77.18
57.0-58.0	48.8	4.5	254.6	1.39	78.57
58.0-59.0	46.9	4.4	259.0	1.35	79.93
59.0-60.0	45.1	4.3	263.2	1.31	81.24
60.0-61.0	43.2	4.1	267.3	1.27	82.51
61.0-62.0	41.3	4.0	271.3	1.23	83.74
62.0-63.0	39.5	3.8	275.2	1.19	84.93
63.0-64.0	37.6	3.7	278.9	1.14	86.07
64.0-65.0	35.8	3.5	282.4	1.09	87.16
65.0-66.0	34.0	3.4	285.8	1.05	88.21
66.0-67.0	32.2	3.2	289.0	1.00	89.21
67.0-68.0	30.4	3.1	292.1	0.95	90.16
68.0-69.0	28.7	2.9	295.1	0.90	91.07
69.0-70.0	26.9	2.8	297.8	0.85	91.92
70.0-71.0	25.2	2.6	300.4	0.80	92.72
71.0-72.0	23.5	2.4	302.9	0.75	93.48

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	21.7	2.3	305.1	0.70	94.18
73.0-74.0	20.1	2.1	307.2	0.65	94.83
74.0-75.0	18.4	1.9	309.2	0.60	95.43
75.0-76.0	16.8	1.8	311.0	0.55	95.98
76.0-77.0	15.2	1.6	312.6	0.50	96.48
77.0-78.0	13.6	1.5	314.1	0.45	96.93
78.0-79.0	12.0	1.3	315.3	0.40	97.33
79.0-80.0	10.5	1.1	316.5	0.35	97.68
80.0-81.0	9.0	1.0	317.5	0.30	97.98
81.0-82.0	7.6	0.8	318.3	0.25	98.24
82.0-83.0	6.2	0.7	319.0	0.21	98.45
83.0-84.0	4.9	0.5	319.5	0.17	98.61
84.0-85.0	3.7	0.4	319.9	0.13	98.74
85.0-86.0	2.6	0.3	320.2	0.09	98.83
86.0-87.0	1.7	0.2	320.4	0.06	98.88
87.0-88.0	0.9	0.1	320.5	0.03	98.91
88.0-89.0	0.5	0.0	320.5	0.02	98.93
89.0-90.0	0.2	0.0	320.6	0.01	98.94
90.0-91.0	0.2	0.0	320.6	0.01	98.94
91.0-92.0	0.2	0.0	320.6	0.01	98.95
92.0-93.0	0.2	0.0	320.6	0.01	98.95
93.0-94.0	0.2	0.0	320.6	0.01	98.96
94.0-95.0	0.2	0.0	320.7	0.01	98.97
95.0-96.0	0.2	0.0	320.7	0.01	98.97
96.0-97.0	0.2	0.0	320.7	0.01	98.98
97.0-98.0	0.2	0.0	320.7	0.01	98.99
98.0-99.0	0.2	0.0	320.7	0.01	98.99
99.0-100.0	0.2	0.0	320.8	0.01	99.00
100.0-101.0	0.2	0.0	320.8	0.01	99.01
101.0-102.0	0.3	0.0	320.8	0.01	99.02
102.0-103.0	0.3	0.0	320.9	0.01	99.03
103.0-104.0	0.3	0.0	320.9	0.01	99.04
104.0-105.0	0.3	0.0	320.9	0.01	99.05
105.0-106.0	0.3	0.0	320.9	0.01	99.06
106.0-107.0	0.3	0.0	321.0	0.01	99.07
107.0-108.0	0.3	0.0	321.0	0.01	99.08

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	0.3	0.0	321.0	0.01	99.09
109.0-110.0	0.4	0.0	321.1	0.01	99.10
110.0-111.0	0.4	0.0	321.1	0.01	99.11
111.0-112.0	0.4	0.0	321.2	0.01	99.12
112.0-113.0	0.4	0.0	321.2	0.01	99.14
113.0-114.0	0.4	0.0	321.2	0.01	99.15
114.0-115.0	0.4	0.0	321.3	0.01	99.16
115.0-116.0	0.4	0.0	321.3	0.01	99.18
116.0-117.0	0.5	0.0	321.4	0.01	99.19
117.0-118.0	0.5	0.0	321.4	0.01	99.20
118.0-119.0	0.5	0.0	321.5	0.01	99.22
119.0-120.0	0.5	0.0	321.5	0.01	99.23
120.0-121.0	0.5	0.0	321.6	0.02	99.25
121.0-122.0	0.5	0.0	321.6	0.02	99.26
122.0-123.0	0.5	0.1	321.7	0.02	99.28
123.0-124.0	0.6	0.1	321.7	0.02	99.30
124.0-125.0	0.6	0.1	321.8	0.02	99.31
125.0-126.0	0.6	0.1	321.8	0.02	99.33
126.0-127.0	0.6	0.1	321.9	0.02	99.34
127.0-128.0	0.6	0.1	321.9	0.02	99.36
128.0-129.0	0.6	0.1	322.0	0.02	99.38
129.0-130.0	0.6	0.1	322.0	0.02	99.39
130.0-131.0	0.7	0.1	322.1	0.02	99.41
131.0-132.0	0.7	0.1	322.1	0.02	99.43
132.0-133.0	0.7	0.1	322.2	0.02	99.45
133.0-134.0	0.7	0.1	322.3	0.02	99.46
134.0-135.0	0.7	0.1	322.3	0.02	99.48
135.0-136.0	0.7	0.1	322.4	0.02	99.50
136.0-137.0	0.7	0.1	322.4	0.02	99.51
137.0-138.0	0.8	0.1	322.5	0.02	99.53
138.0-139.0	0.8	0.1	322.5	0.02	99.55
139.0-140.0	0.8	0.1	322.6	0.02	99.57
140.0-141.0	0.8	0.1	322.7	0.02	99.58
141.0-142.0	0.8	0.1	322.7	0.02	99.60
142.0-143.0	0.9	0.1	322.8	0.02	99.62
143.0-144.0	0.9	0.1	322.8	0.02	99.64

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	0.9	0.1	322.9	0.02	99.65
145.0-146.0	0.9	0.1	322.9	0.02	99.67
146.0-147.0	0.9	0.1	323.0	0.02	99.69
147.0-148.0	0.9	0.1	323.0	0.02	99.70
148.0-149.0	0.9	0.1	323.1	0.02	99.72
149.0-150.0	0.9	0.1	323.1	0.02	99.73
150.0-151.0	0.9	0.1	323.2	0.02	99.75
151.0-152.0	0.9	0.0	323.2	0.02	99.77
152.0-153.0	0.9	0.0	323.3	0.01	99.78
153.0-154.0	1.0	0.0	323.3	0.01	99.79
154.0-155.0	1.0	0.0	323.4	0.01	99.81
155.0-156.0	1.0	0.0	323.4	0.01	99.82
156.0-157.0	1.0	0.0	323.5	0.01	99.84
157.0-158.0	1.0	0.0	323.5	0.01	99.85
158.0-159.0	1.0	0.0	323.6	0.01	99.86
159.0-160.0	1.0	0.0	323.6	0.01	99.87
160.0-161.0	1.0	0.0	323.6	0.01	99.89
161.0-162.0	1.0	0.0	323.7	0.01	99.90
162.0-163.0	1.0	0.0	323.7	0.01	99.91
163.0-164.0	1.0	0.0	323.7	0.01	99.92
164.0-165.0	1.1	0.0	323.8	0.01	99.93
165.0-166.0	1.1	0.0	323.8	0.01	99.94
166.0-167.0	1.1	0.0	323.8	0.01	99.94
167.0-168.0	1.1	0.0	323.8	0.01	99.95
168.0-169.0	1.1	0.0	323.9	0.01	99.96
169.0-170.0	1.1	0.0	323.9	0.01	99.97
170.0-171.0	1.1	0.0	323.9	0.01	99.97
171.0-172.0	1.1	0.0	323.9	0.01	99.98
172.0-173.0	1.1	0.0	323.9	0.00	99.98
173.0-174.0	1.1	0.0	324.0	0.00	99.99
174.0-175.0	1.1	0.0	324.0	0.00	99.99
175.0-176.0	1.1	0.0	324.0	0.00	99.99
176.0-177.0	1.1	0.0	324.0	0.00	100.00
177.0-178.0	1.1	0.0	324.0	0.00	100.00
178.0-179.0	1.2	0.0	324.0	0.00	100.00
179.0-180.0	1.2	0.0	324.0	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: