GENLED Brands
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Report No.: **Test Time: 2023/3/1 16:04**

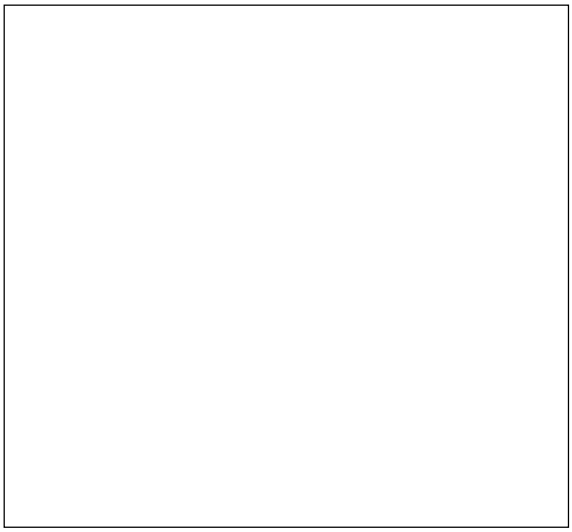
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: WALL WASHER RGBW4000K
Luminaire Description: Deco Linear Floodlight+Red on
Luminous Length (mm): 330 **Luminous Width (mm): 125**
Luminous Height (mm): 94 **Voltage: 119.6 V**
Current: 0.128 A **Power: 6.93 W**
Power Factor: 0.452

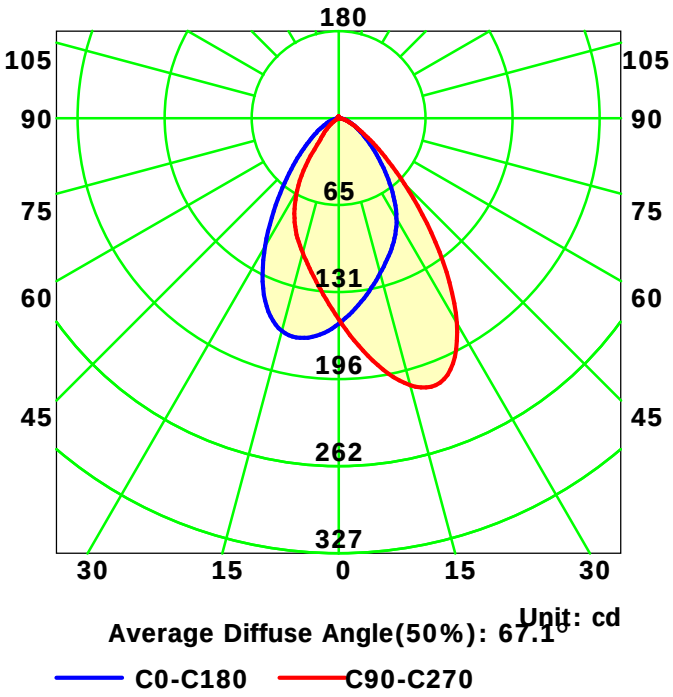
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 243.5 lm**
Measurement Flux: 243.5 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H121.2,H68.6
Vertical Diffuse Angle(10%,50%): V103.9,V65.6
Luminaire Efficacy Rating (LER): 35 **Central Intensity: 154.75 cd**
Max. Intensity: 241.81 cd **Pos of Max. Intensity: H120 V21**

Picture Of Luminaire



Luminous Intensity Distribution Curve



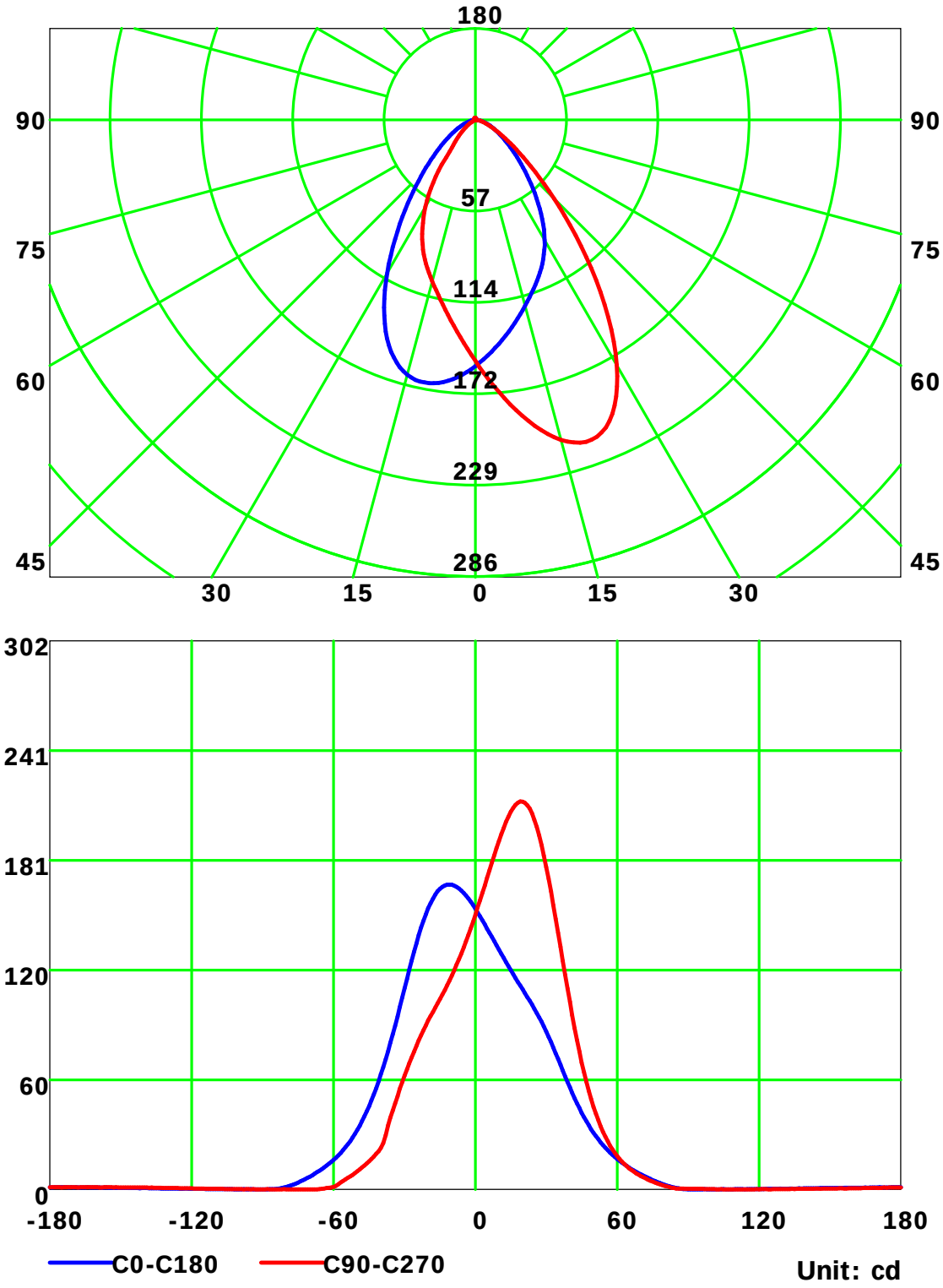
Unit: cd

Average Diffuse Angle(50%): 67.1°

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:**

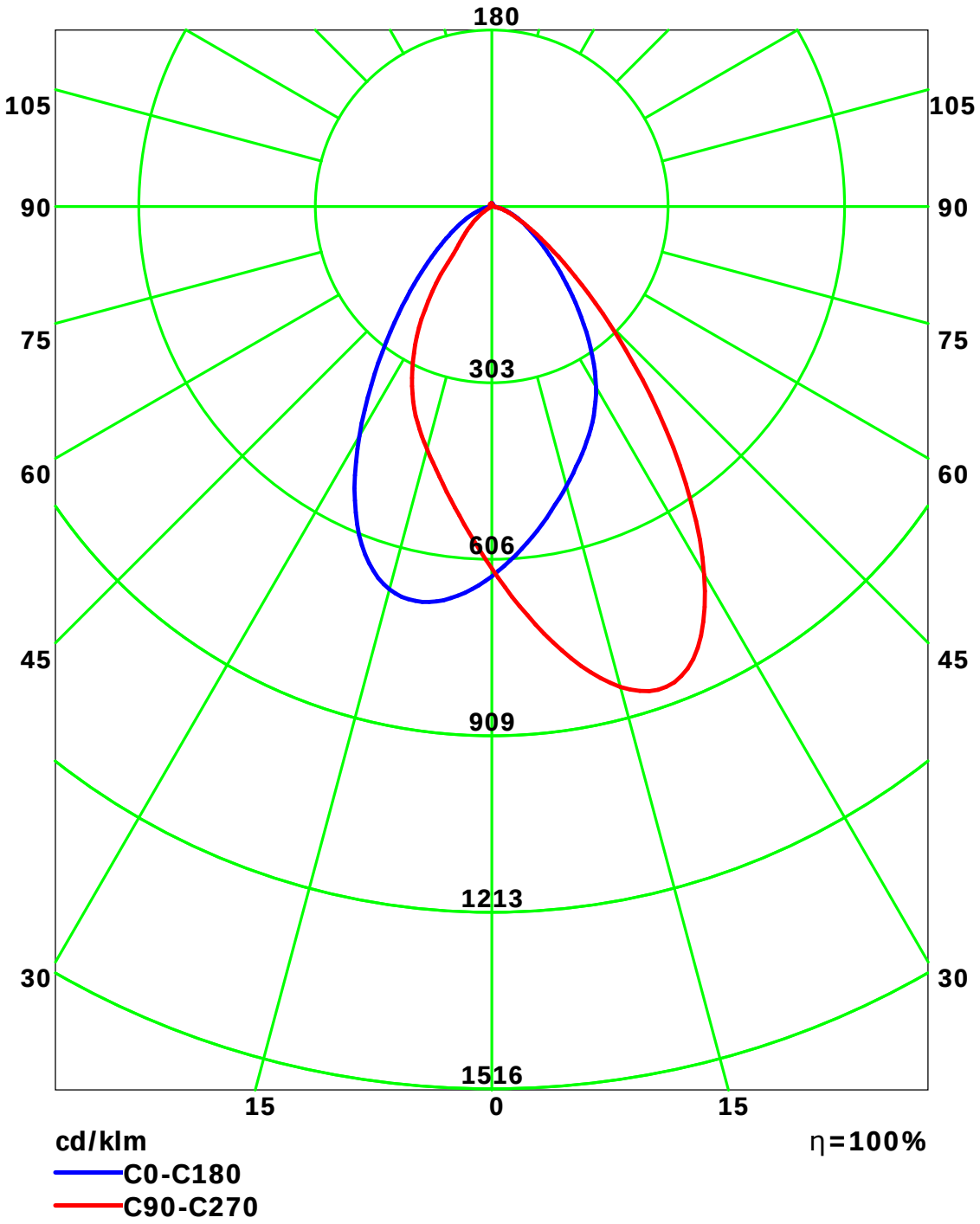
Luminous Intensity Distribution Curve



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

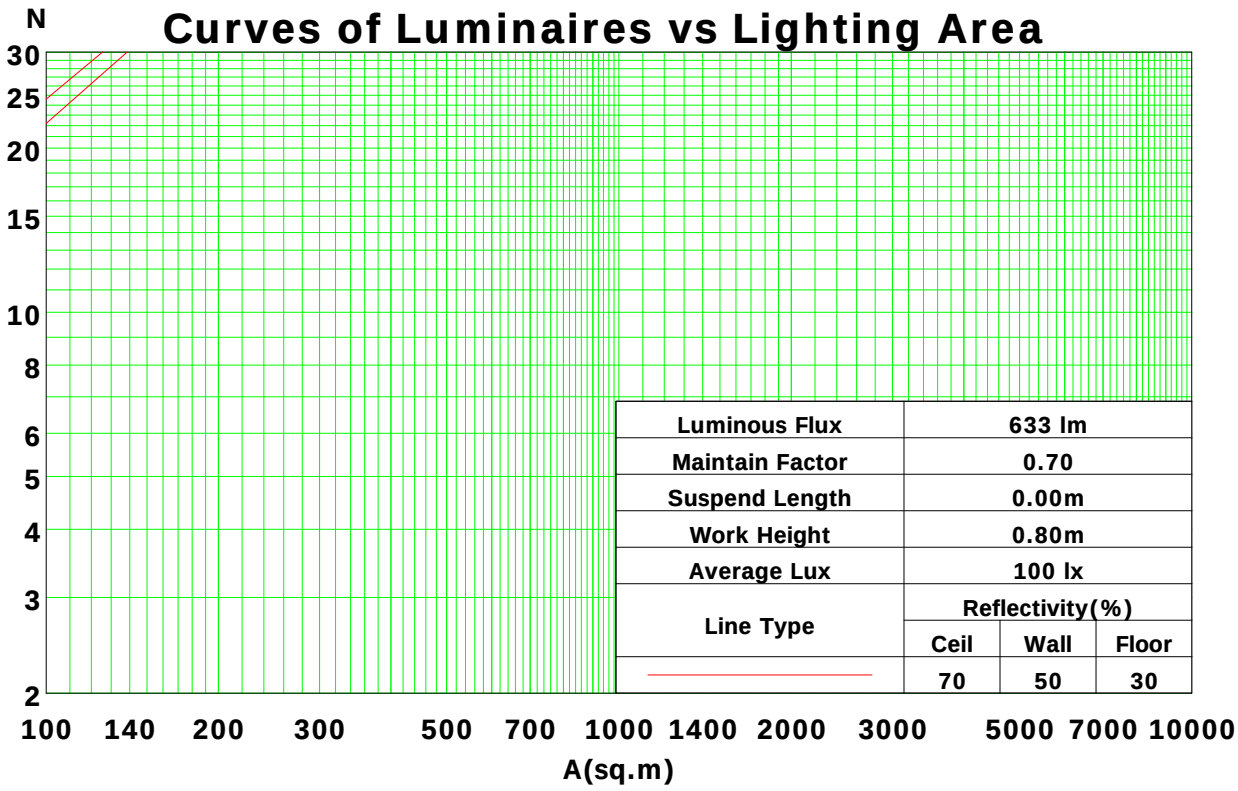
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	110	110	110	105	105	105	101	101	101	98
1	111	108	105	102	109	106	103	100	101	99	97	97	95	94	94	92	91	89
2	104	98	93	89	102	96	91	88	92	89	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	74	79	76	73	71
4	91	81	74	69	89	80	74	69	78	72	68	75	70	67	73	69	66	64
5	85	75	67	62	83	73	67	62	71	65	61	69	64	60	68	63	59	58
6	79	69	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	52
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	58	53	50	48
8	70	59	52	47	69	58	51	46	57	50	46	55	50	46	54	49	45	44
9	66	55	48	43	65	54	47	43	53	47	42	52	46	42	51	46	42	40
10	62	51	44	40	61	50	44	39	49	43	39	48	43	39	48	42	39	37

Spacing Criteria (0-180): 1.03
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.09

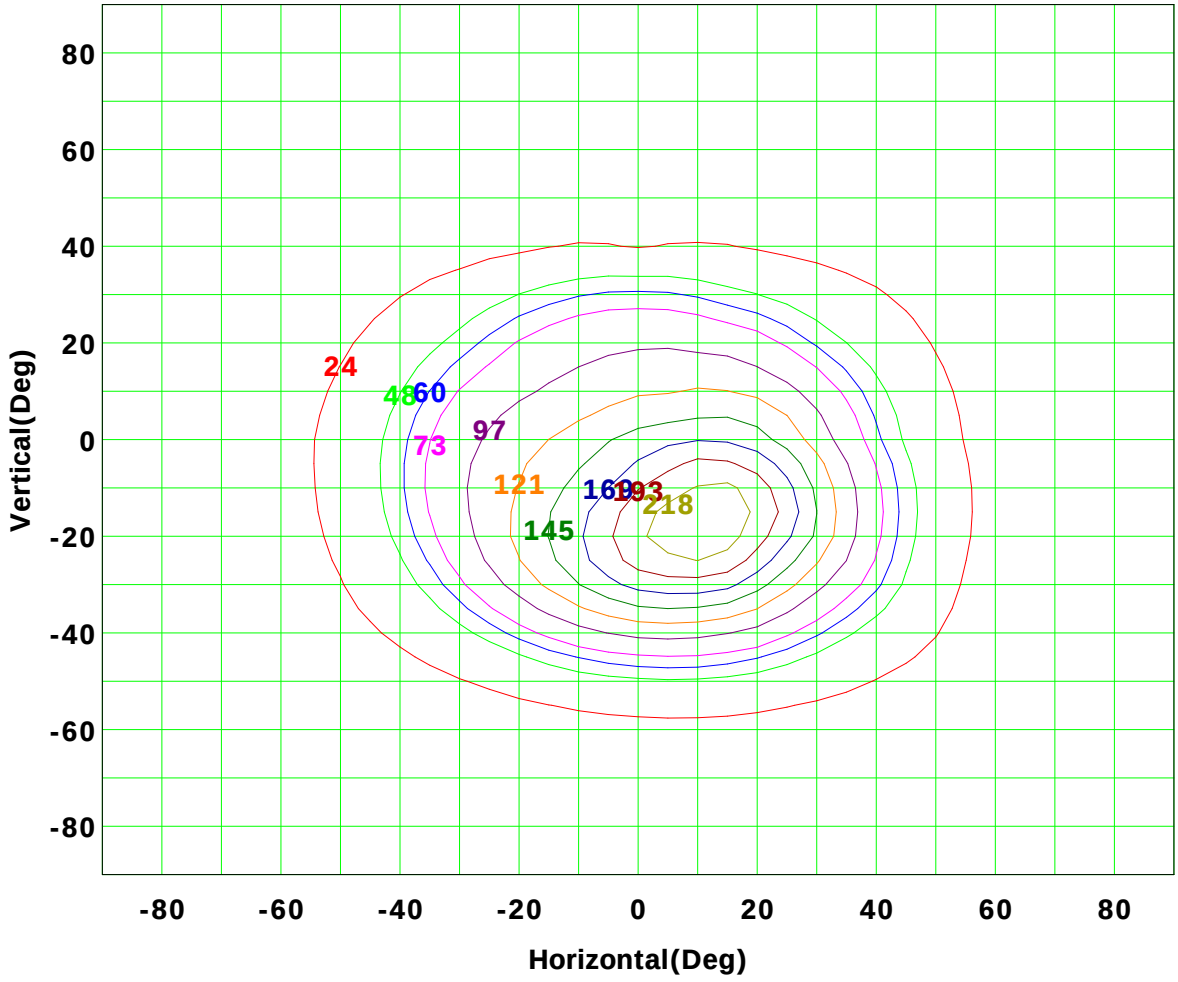
Curves of Luminaires vs Lighting Area



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)



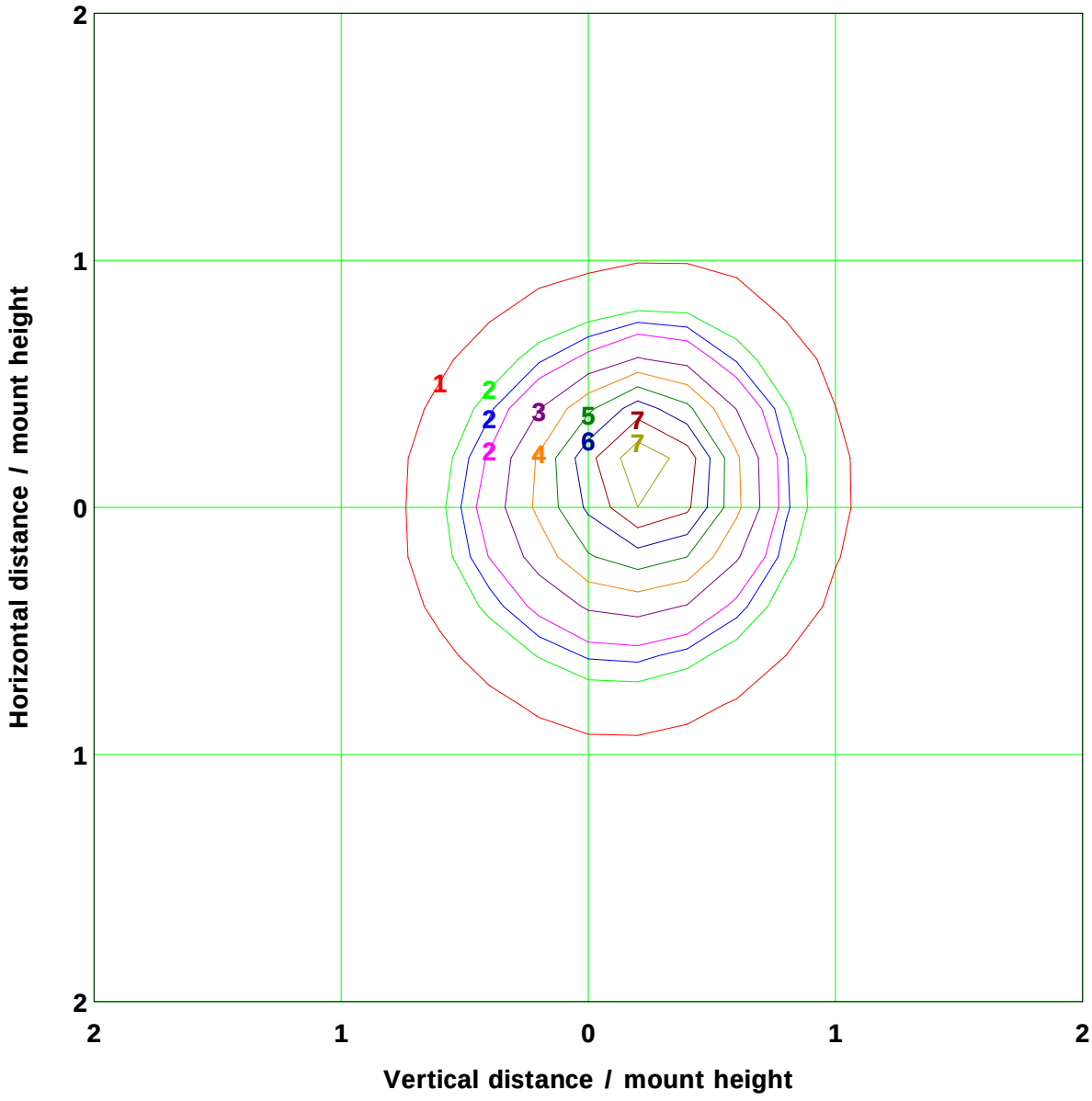
Imax (100%): 242 cd

(10%):	24 cd	(20%):	48 cd
(25%):	60 cd	(30%):	73 cd
(40%):	97 cd	(50%):	121 cd
(60%):	145 cd	(70%):	169 cd
(80%):	193 cd	(90%):	218 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%): 8.3 lx

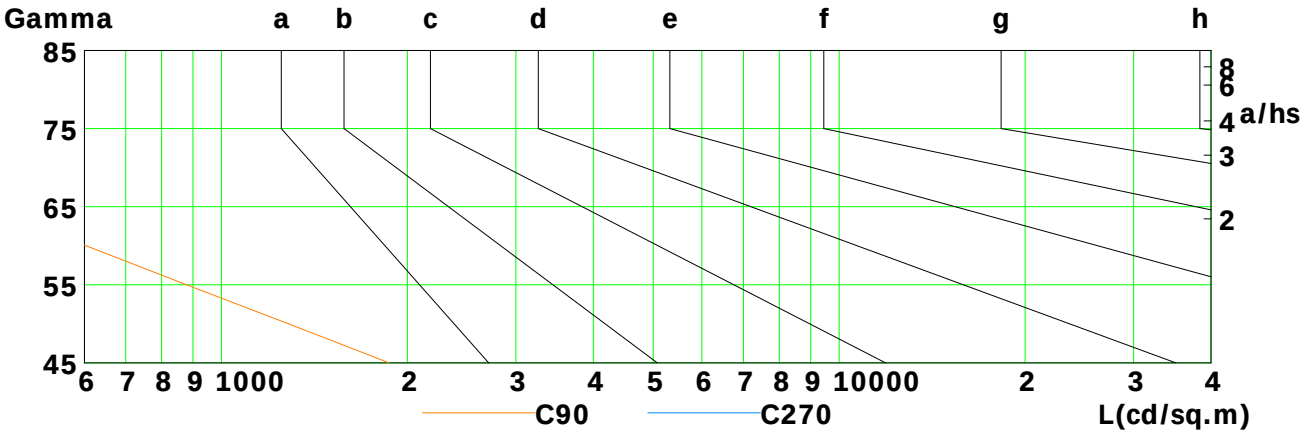
(10%): 0.8 lx	(20%): 1.7 lx
(25%): 2.1 lx	(30%): 2.5 lx
(40%): 3.3 lx	(50%): 4.1 lx
(60%): 5.0 lx	(70%): 5.8 lx
(80%): 6.6 lx	(90%): 7.4 lx

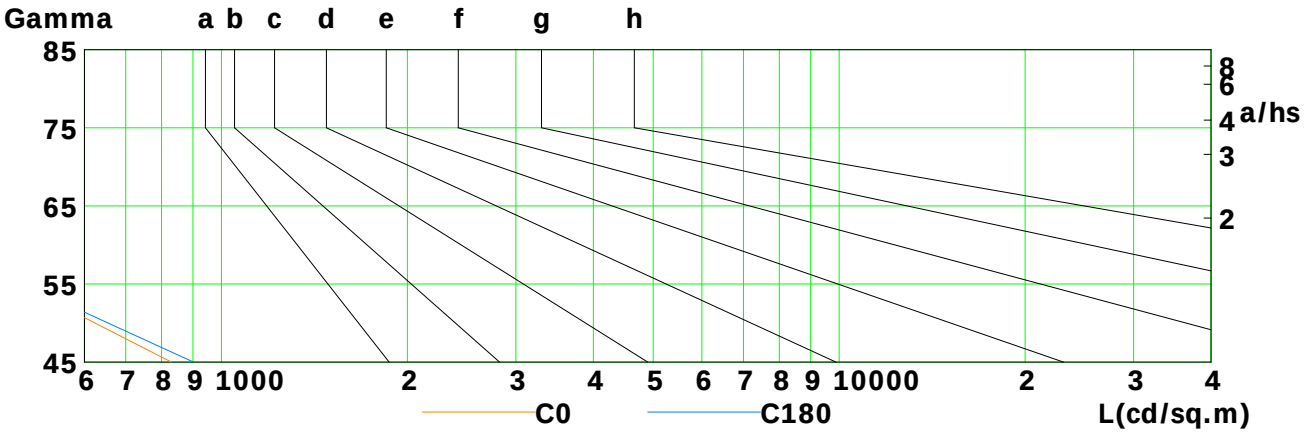
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



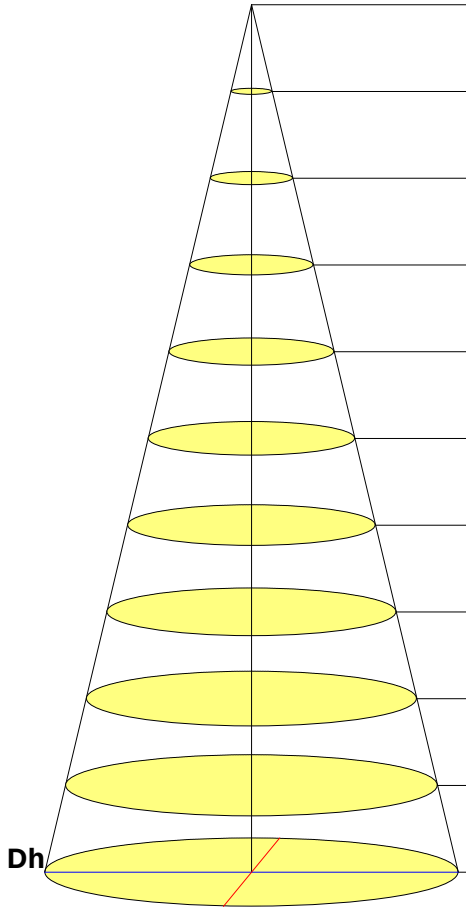


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	830	625	471	357	270	196	131	74	28
C90	1870	1285	879	604	423	298	203	114	48
C180	902	656	477	347	250	168	97	42	12
C270	419	287	172	52	16	10	10	11	12

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



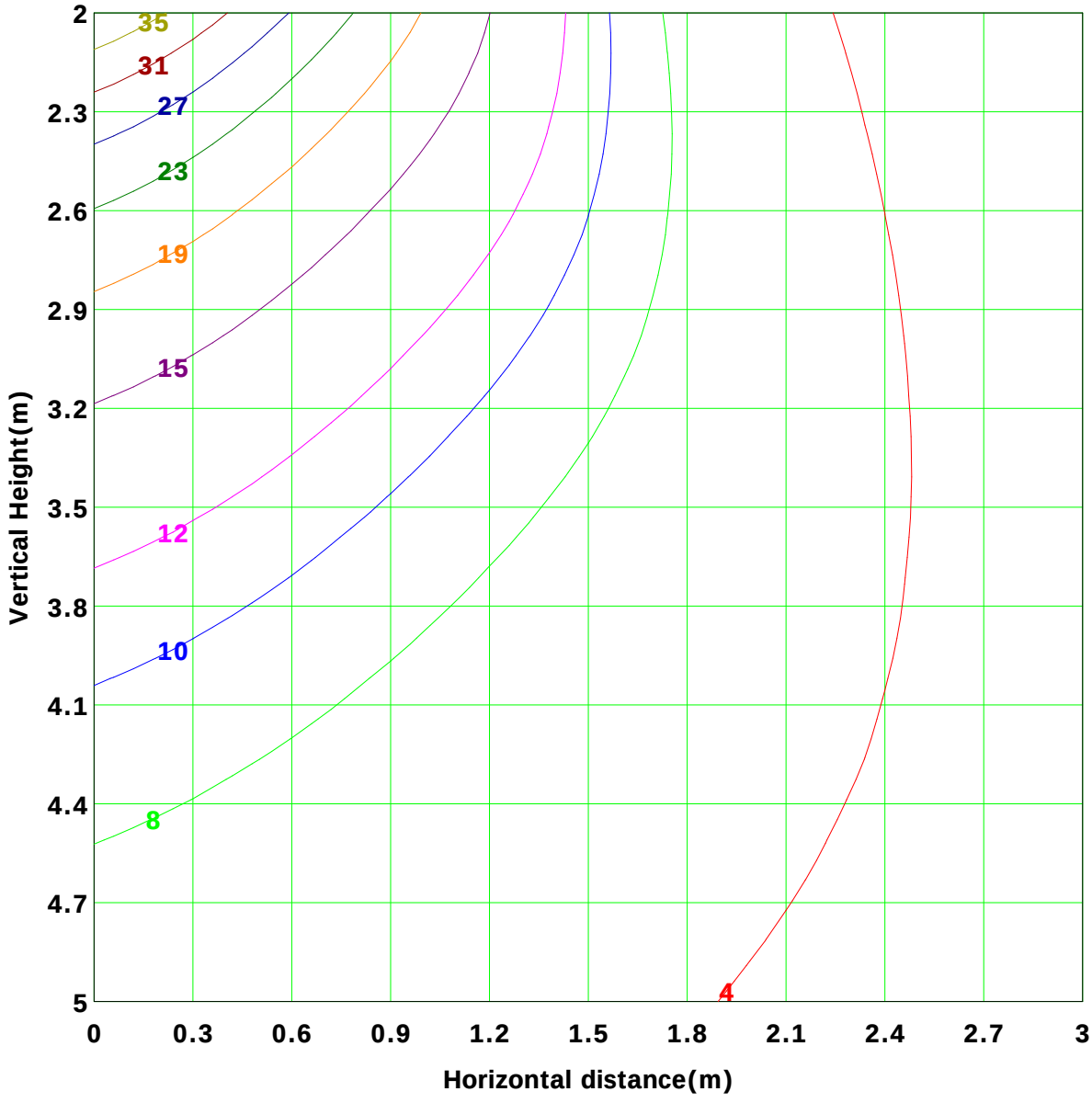
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	154.75	1.36/1.29	1.5	55.87
2.0	38.69	2.73/2.58	6.0	13.97
3.0	17.19	4.09/3.87	13.5	6.21
4.0	9.67	5.46/5.16	24.0	3.49
5.0	6.19	6.82/6.45	37.5	2.23
6.0	4.30	8.19/7.74	54.0	1.55
7.0	3.16	9.55/9.03	73.6	1.14
8.0	2.42	10.92/10.32	96.1	0.87
9.0	1.91	12.28/11.61	121.6	0.69
10.0	1.55	13.65/12.90	150.1	0.56

Beam Angle(B): H68.6 V65.6 Field Angle(F): H121.2 V103.9

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: 38.7 lx

(10%): 3.9 lx	(20%): 7.7 lx
(25%): 9.7 lx	(30%): 11.6 lx
(40%): 15.5 lx	(50%): 19.3 lx
(60%): 23.2 lx	(70%): 27.1 lx
(80%): 30.9 lx	(90%): 34.8 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

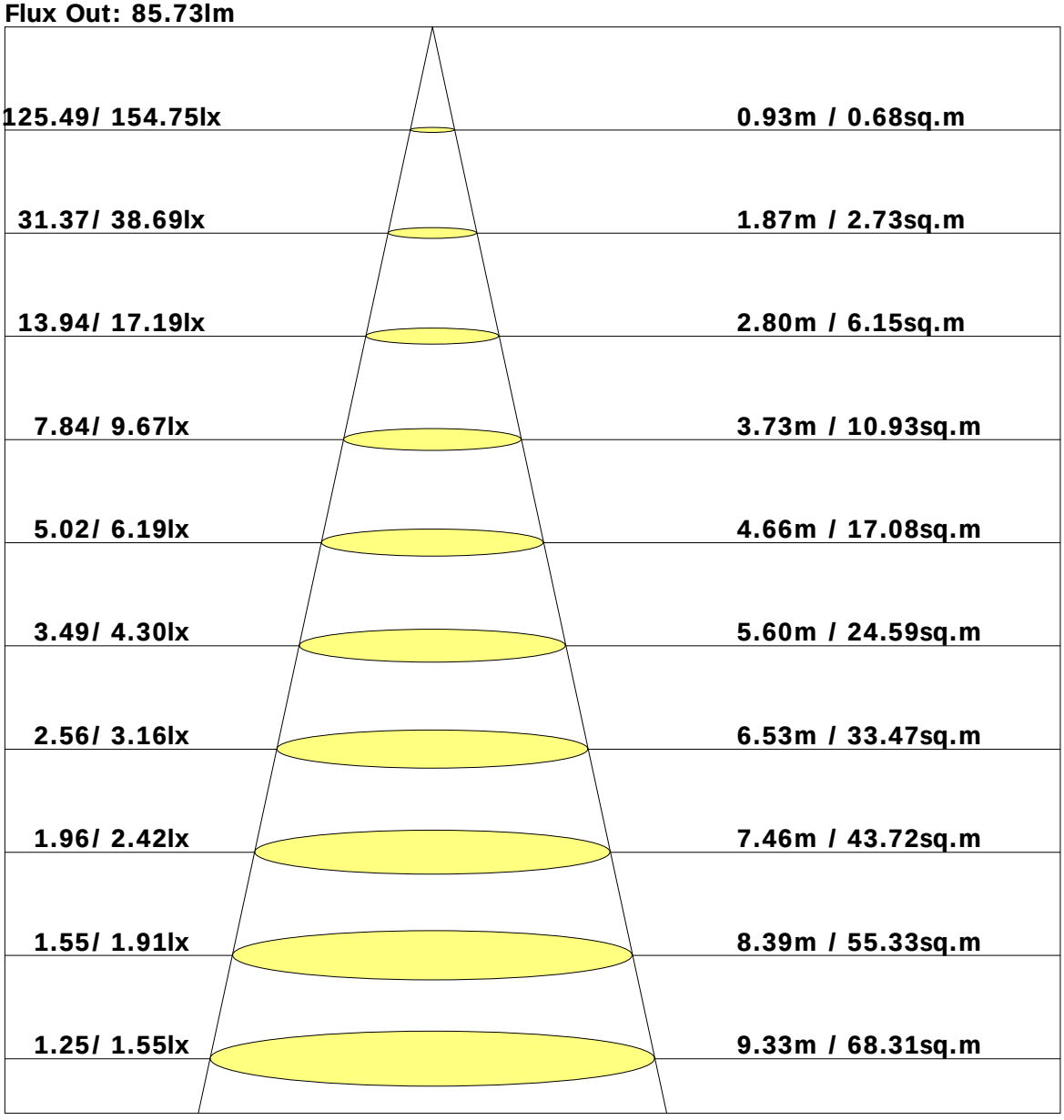
Horizontal plane	Vertical plane																									Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)					
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0					
-70	0.0	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	0.0	0.0	0.0	0.0	0.0	1.3	0.0					
-60	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	3.7	1.3					
-50	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	1.1	1.2	1.1	0.9	0.6	0.3	0.2	0.1	0.0	0.0	8.4	6.8					
-40	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.5	2.0	2.7	2.4	1.7	1.0	0.6	0.3	0.1	0.0	0.0	16.6	15.1					
-30	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.5	2.4	3.3	5.0	4.2	2.8	1.6	0.9	0.4	0.1	0.0	0.0	27.6	26.2					
-20	0.0	0.0	0.0	0.0	0.1	0.4	0.9	2.0	3.0	4.2	6.7	6.0	4.0	2.4	1.3	0.5	0.2	0.0	0.0	36.8	35.4					
-10	0.0	0.0	0.0	0.0	0.1	0.4	0.9	2.2	3.2	4.2	6.7	6.4	4.4	2.4	1.3	0.5	0.2	0.0	0.0	38.5	37.1					
0	0.0	0.0	0.0	0.0	0.1	0.4	0.9	2.0	3.1	3.8	5.5	5.5	4.0	2.3	1.3	0.5	0.2	0.0	0.0	34.4	33.0					
10	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.6	2.7	3.2	4.2	4.1	3.0	2.0	1.1	0.5	0.2	0.0	0.0	27.6	26.2					
20	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.1	2.0	2.5	3.0	2.7	2.0	1.5	0.8	0.4	0.1	0.0	0.0	20.0	18.5					
30	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.3	1.7	1.8	1.6	1.1	0.9	0.5	0.3	0.1	0.0	0.0	12.6	10.9					
40	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0	0.0	6.7	4.9					
50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.2	0.6					
60	0.0	0.0	0.0	0.0	0.0	0.0	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	1.3	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	0.4	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	0.1	0.1	0.0	0.4	1.6	3.9	8.9	15.5	21.7	27.9	34.8	39.0	35.9	25.2	13.8	6.5	3.0	1.2	0.3	240						
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Flux(T)	216					

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: 85.73lm



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	11.8	13.0	12.2	13.4	13.8	13.0	14.3	13.4	14.6	15.0
3H	12.8	13.9	13.2	14.2	14.6	13.5	14.6	13.9	15.0	15.4
4H	13.0	14.0	13.5	14.4	14.9	13.6	14.6	14.0	15.0	15.4
6H	13.2	14.1	13.6	14.5	14.9	13.6	14.5	14.0	14.9	15.4
8H	13.2	14.0	13.6	14.5	14.9	13.6	14.4	14.0	14.9	15.3
12H	13.1	14.0	13.6	14.4	14.9	13.5	14.4	14.0	14.8	15.2
X=4H Y=2H	11.8	12.9	12.3	13.3	13.7	13.3	14.3	13.7	14.7	15.1
3H	12.9	13.7	13.3	14.2	14.6	13.9	14.7	14.3	15.1	15.6
4H	13.2	13.9	13.7	14.4	14.9	14.0	14.7	14.4	15.2	15.6
6H	13.4	14.0	13.9	14.5	15.0	14.0	14.6	14.5	15.1	15.6
8H	13.4	14.0	13.9	14.4	15.0	14.0	14.6	14.5	15.0	15.6
12H	13.4	13.9	13.9	14.4	14.9	13.9	14.5	14.4	15.0	15.5
X=8H Y=4H	13.1	13.7	13.6	14.2	14.7	14.0	14.6	14.5	15.1	15.6
6H	13.3	13.8	13.8	14.3	14.8	14.0	14.5	14.6	15.0	15.6
8H	13.3	13.8	13.9	14.3	14.8	14.0	14.4	14.6	15.0	15.5
12H	13.3	13.7	13.9	14.2	14.8	14.0	14.4	14.5	14.9	15.5
X=12H Y=4H	13.1	13.6	13.6	14.1	14.6	13.9	14.5	14.5	15.0	15.5
6H	13.3	13.7	13.8	14.2	14.8	14.0	14.4	14.5	14.9	15.5
8H	13.3	13.7	13.8	14.2	14.8	14.0	14.4	14.5	14.9	15.5

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 = 1.00								
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	0.71	0.80	0.86	0.91	0.96	1.00	1.02	1.05	1.07
	0.30		0.65	0.75	0.81	0.85	0.92	0.96	0.99	1.03	1.05
	0.20		0.61	0.70	0.77	0.81	0.88	0.92	0.96	1.00	1.03
0.50	0.50	0.20	0.70	0.78	0.84	0.88	0.93	0.96	0.98	1.01	1.03
	0.30		0.64	0.73	0.79	0.84	0.89	0.93	0.96	0.99	1.01
	0.20		0.60	0.70	0.76	0.80	0.86	0.90	0.93	0.97	0.99
0.30	0.50	0.20	0.68	0.77	0.82	0.85	0.90	0.93	0.95	0.97	0.99
	0.30		0.64	0.72	0.78	0.82	0.87	0.90	0.93	0.96	0.98
	0.20		0.60	0.69	0.75	0.79	0.84	0.88	0.91	0.94	0.96
0.00	0.00	0.00	0.58	0.67	0.72	0.76	0.81	0.84	0.86	0.89	0.91

Rating:7W 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 = 1.00								
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	0.77	0.61	0.51	0.44	0.35	0.28	0.24	0.19	0.15
	0.30		0.64	0.53	0.45	0.39	0.31	0.26	0.22	0.18	0.14
	0.20		0.55	0.46	0.40	0.35	0.29	0.24	0.21	0.16	0.14
0.50	0.50	0.20	0.73	0.58	0.49	0.42	0.33	0.30	0.23	0.17	0.14
	0.30		0.62	0.51	0.43	0.37	0.30	0.25	0.21	0.16	0.13
	0.20		0.54	0.45	0.38	0.34	0.27	0.23	0.20	0.16	0.13
0.30	0.50	0.20	0.71	0.55	0.46	0.39	0.31	0.25	0.21	0.16	0.13
	0.30		0.60	0.49	0.41	0.36	0.28	0.23	0.20	0.15	0.13
	0.20		0.53	0.44	0.37	0.33	0.26	0.22	0.19	0.15	0.12
0.00	0.00	0.00	0.41	0.32	0.27	0.23	0.18	0.15	0.12	0.09	0.08

Rating:7W 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 = 1.00								
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	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23
	0.30		0.11	0.12	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
0.50	0.50	0.20	0.15	0.17	0.18	0.18	0.19	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.18
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	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	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Rating:7W 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	151.3	0.1	0.1	0.06	0.06
1.0-2.0	151.4	0.4	0.6	0.18	0.24
2.0-3.0	151.4	0.7	1.3	0.30	0.54
3.0-4.0	151.5	1.0	2.3	0.42	0.95
4.0-5.0	151.5	1.3	3.6	0.54	1.49
5.0-6.0	151.6	1.6	5.2	0.65	2.14
6.0-7.0	151.7	1.9	7.1	0.77	2.92
7.0-8.0	151.8	2.2	9.3	0.89	3.81
8.0-9.0	151.8	2.5	11.7	1.01	4.82
9.0-10.0	151.7	2.7	14.5	1.13	5.95
10.0-11.0	151.7	3.0	17.5	1.24	7.19
11.0-12.0	151.5	3.3	20.8	1.36	8.55
12.0-13.0	151.2	3.6	24.4	1.47	10.03
13.0-14.0	150.9	3.9	28.3	1.59	11.61
14.0-15.0	150.4	4.1	32.4	1.70	13.31
15.0-16.0	149.7	4.4	36.8	1.80	15.11
16.0-17.0	148.9	4.6	41.4	1.90	17.01
17.0-18.0	147.9	4.9	46.3	2.00	19.02
18.0-19.0	146.6	5.1	51.4	2.09	21.11
19.0-20.0	145.1	5.3	56.7	2.18	23.29
20.0-21.0	143.3	5.5	62.2	2.26	25.55
21.0-22.0	141.2	5.7	67.9	2.33	27.88
22.0-23.0	138.8	5.8	73.7	2.39	30.28
23.0-24.0	136.2	6.0	79.7	2.45	32.72
24.0-25.0	133.2	6.1	85.7	2.49	35.21
25.0-26.0	129.9	6.1	91.9	2.52	37.73
26.0-27.0	126.4	6.2	98.0	2.54	40.27
27.0-28.0	122.6	6.2	104.2	2.55	42.82
28.0-29.0	118.6	6.2	110.5	2.55	45.36
29.0-30.0	114.3	6.2	116.6	2.54	47.90
30.0-31.0	109.9	6.1	122.7	2.51	50.41
31.0-32.0	105.3	6.0	128.8	2.48	52.89
32.0-33.0	100.7	5.9	134.7	2.44	55.33
33.0-34.0	95.9	5.8	140.5	2.38	57.71
34.0-35.0	91.1	5.7	146.2	2.32	60.04
35.0-36.0	86.3	5.5	151.7	2.26	62.29

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	81.6	5.3	157.0	2.19	64.48
37.0-38.0	76.8	5.1	162.1	2.10	66.58
38.0-39.0	72.0	4.9	167.0	2.02	68.60
39.0-40.0	67.5	4.7	171.7	1.93	70.54
40.0-41.0	63.2	4.5	176.2	1.85	72.38
41.0-42.0	58.9	4.3	180.5	1.76	74.14
42.0-43.0	54.9	4.1	184.6	1.67	75.81
43.0-44.0	51.1	3.9	188.4	1.58	77.40
44.0-45.0	47.5	3.6	192.1	1.50	78.89
45.0-46.0	44.1	3.4	195.5	1.42	80.31
46.0-47.0	40.9	3.3	198.8	1.34	81.65
47.0-48.0	38.0	3.1	201.9	1.26	82.91
48.0-49.0	35.2	2.9	204.8	1.19	84.10
49.0-50.0	32.6	2.7	207.5	1.12	85.21
50.0-51.0	30.2	2.6	210.0	1.05	86.26
51.0-52.0	27.9	2.4	212.4	0.98	87.25
52.0-53.0	25.8	2.2	214.7	0.92	88.17
53.0-54.0	23.7	2.1	216.8	0.86	89.03
54.0-55.0	21.9	2.0	218.7	0.80	89.83
55.0-56.0	20.1	1.8	220.5	0.75	90.58
56.0-57.0	18.5	1.7	222.2	0.69	91.27
57.0-58.0	17.0	1.6	223.8	0.65	91.92
58.0-59.0	15.6	1.5	225.3	0.60	92.51
59.0-60.0	14.3	1.3	226.6	0.55	93.07
60.0-61.0	13.0	1.2	227.8	0.51	93.58
61.0-62.0	12.0	1.2	229.0	0.47	94.05
62.0-63.0	10.9	1.1	230.1	0.44	94.49
63.0-64.0	10.0	1.0	231.0	0.40	94.89
64.0-65.0	9.1	0.9	231.9	0.37	95.26
65.0-66.0	8.4	0.8	232.8	0.34	95.61
66.0-67.0	7.6	0.8	233.5	0.32	95.92
67.0-68.0	7.0	0.7	234.3	0.29	96.21
68.0-69.0	6.3	0.6	234.9	0.27	96.48
69.0-70.0	5.8	0.6	235.5	0.24	96.72
70.0-71.0	5.2	0.5	236.0	0.22	96.94
71.0-72.0	4.7	0.5	236.5	0.20	97.14

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	4.2	0.4	237.0	0.18	97.32
73.0-74.0	3.7	0.4	237.4	0.16	97.48
74.0-75.0	3.3	0.3	237.7	0.14	97.63
75.0-76.0	2.9	0.3	238.0	0.13	97.76
76.0-77.0	2.6	0.3	238.3	0.11	97.87
77.0-78.0	2.2	0.2	238.5	0.10	97.97
78.0-79.0	1.9	0.2	238.7	0.09	98.05
79.0-80.0	1.6	0.2	238.9	0.07	98.12
80.0-81.0	1.4	0.2	239.1	0.06	98.19
81.0-82.0	1.2	0.1	239.2	0.05	98.24
82.0-83.0	1.0	0.1	239.3	0.04	98.28
83.0-84.0	0.8	0.1	239.4	0.04	98.32
84.0-85.0	0.6	0.1	239.5	0.03	98.35
85.0-86.0	0.5	0.1	239.5	0.02	98.37
86.0-87.0	0.5	0.1	239.6	0.02	98.39
87.0-88.0	0.4	0.0	239.6	0.02	98.41
88.0-89.0	0.4	0.0	239.6	0.02	98.43
89.0-90.0	0.3	0.0	239.7	0.02	98.44
90.0-91.0	0.3	0.0	239.7	0.02	98.46
91.0-92.0	0.3	0.0	239.8	0.01	98.47
92.0-93.0	0.3	0.0	239.8	0.01	98.49
93.0-94.0	0.3	0.0	239.8	0.02	98.50
94.0-95.0	0.3	0.0	239.9	0.02	98.52
95.0-96.0	0.3	0.0	239.9	0.01	98.53
96.0-97.0	0.3	0.0	239.9	0.01	98.55
97.0-98.0	0.3	0.0	240.0	0.01	98.56
98.0-99.0	0.3	0.0	240.0	0.01	98.58
99.0-100.0	0.3	0.0	240.0	0.01	98.59
100.0-101.0	0.3	0.0	240.1	0.01	98.60
101.0-102.0	0.3	0.0	240.1	0.01	98.62
102.0-103.0	0.3	0.0	240.2	0.01	98.63
103.0-104.0	0.3	0.0	240.2	0.01	98.65
104.0-105.0	0.3	0.0	240.2	0.01	98.66
105.0-106.0	0.3	0.0	240.3	0.01	98.68
106.0-107.0	0.3	0.0	240.3	0.01	98.69
107.0-108.0	0.4	0.0	240.3	0.02	98.71

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	0.4	0.0	240.4	0.02	98.72
109.0-110.0	0.4	0.0	240.4	0.02	98.74
110.0-111.0	0.4	0.0	240.4	0.02	98.75
111.0-112.0	0.4	0.0	240.5	0.02	98.77
112.0-113.0	0.4	0.0	240.5	0.02	98.78
113.0-114.0	0.4	0.0	240.6	0.02	98.80
114.0-115.0	0.4	0.0	240.6	0.02	98.82
115.0-116.0	0.4	0.0	240.6	0.02	98.84
116.0-117.0	0.4	0.0	240.7	0.02	98.85
117.0-118.0	0.5	0.0	240.7	0.02	98.87
118.0-119.0	0.5	0.0	240.8	0.02	98.89
119.0-120.0	0.5	0.0	240.8	0.02	98.91
120.0-121.0	0.5	0.0	240.9	0.02	98.93
121.0-122.0	0.5	0.0	240.9	0.02	98.95
122.0-123.0	0.6	0.1	241.0	0.02	98.97
123.0-124.0	0.6	0.1	241.0	0.02	98.99
124.0-125.0	0.6	0.1	241.1	0.02	99.01
125.0-126.0	0.6	0.1	241.1	0.02	99.04
126.0-127.0	0.6	0.1	241.2	0.02	99.06
127.0-128.0	0.6	0.1	241.2	0.02	99.08
128.0-129.0	0.6	0.1	241.3	0.02	99.10
129.0-130.0	0.7	0.1	241.3	0.02	99.13
130.0-131.0	0.7	0.1	241.4	0.02	99.15
131.0-132.0	0.7	0.1	241.5	0.02	99.17
132.0-133.0	0.7	0.1	241.5	0.02	99.20
133.0-134.0	0.7	0.1	241.6	0.02	99.22
134.0-135.0	0.8	0.1	241.6	0.02	99.25
135.0-136.0	0.8	0.1	241.7	0.02	99.27
136.0-137.0	0.8	0.1	241.8	0.02	99.29
137.0-138.0	0.8	0.1	241.8	0.02	99.32
138.0-139.0	0.8	0.1	241.9	0.02	99.34
139.0-140.0	0.9	0.1	241.9	0.02	99.37
140.0-141.0	0.9	0.1	242.0	0.02	99.39
141.0-142.0	0.9	0.1	242.1	0.02	99.42
142.0-143.0	0.9	0.1	242.1	0.02	99.44
143.0-144.0	0.9	0.1	242.2	0.02	99.47

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 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	242.2	0.02	99.49
145.0-146.0	0.9	0.1	242.3	0.02	99.52
146.0-147.0	0.9	0.1	242.4	0.02	99.54
147.0-148.0	1.0	0.1	242.4	0.02	99.56
148.0-149.0	1.0	0.1	242.5	0.02	99.58
149.0-150.0	1.0	0.1	242.5	0.02	99.61
150.0-151.0	1.0	0.1	242.6	0.02	99.63
151.0-152.0	1.0	0.1	242.6	0.02	99.65
152.0-153.0	1.0	0.1	242.7	0.02	99.67
153.0-154.0	1.0	0.1	242.7	0.02	99.69
154.0-155.0	1.1	0.1	242.8	0.02	99.72
155.0-156.0	1.1	0.0	242.8	0.02	99.74
156.0-157.0	1.1	0.0	242.9	0.02	99.76
157.0-158.0	1.1	0.0	242.9	0.02	99.77
158.0-159.0	1.1	0.0	243.0	0.02	99.79
159.0-160.0	1.1	0.0	243.0	0.02	99.81
160.0-161.0	1.2	0.0	243.1	0.02	99.83
161.0-162.0	1.2	0.0	243.1	0.02	99.84
162.0-163.0	1.2	0.0	243.1	0.02	99.86
163.0-164.0	1.2	0.0	243.2	0.02	99.88
164.0-165.0	1.2	0.0	243.2	0.01	99.89
165.0-166.0	1.2	0.0	243.2	0.01	99.90
166.0-167.0	1.2	0.0	243.3	0.01	99.92
167.0-168.0	1.2	0.0	243.3	0.01	99.93
168.0-169.0	1.3	0.0	243.3	0.01	99.94
169.0-170.0	1.3	0.0	243.4	0.01	99.95
170.0-171.0	1.3	0.0	243.4	0.01	99.96
171.0-172.0	1.3	0.0	243.4	0.01	99.97
172.0-173.0	1.3	0.0	243.4	0.01	99.97
173.0-174.0	1.3	0.0	243.4	0.01	99.98
174.0-175.0	1.3	0.0	243.4	0.01	99.99
175.0-176.0	1.3	0.0	243.5	0.00	99.99
176.0-177.0	1.3	0.0	243.5	0.00	100.00
177.0-178.0	1.3	0.0	243.5	0.00	100.00
178.0-179.0	1.3	0.0	243.5	0.00	100.00
179.0-180.0	1.3	0.0	243.5	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: