

Report No.:

Test Time: 2023/3/1 16:49

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: WALL WASHER RGBW4000K

Luminaire Description: Deco Linear Floodlight+White on

Luminous Length (mm): 330

Luminous Width (mm): 125

Luminous Height (mm): 94

Voltage: 119.6 V

Current: 0.172 A

Power: 9.56 W

Power Factor: 0.465

Photometric Results

CIE Class: Direct

Measurement Flux: 405 lm

Downward Ratio: 96%

Horizontal Diffuse Angle(10%,50%): H115.9,H62

Vertical Diffuse Angle(10%,50%): V103.2,V60.4

Luminaire Efficacy Rating (LER): 42

Max. Intensity: 385.52 cd

Total Rated Lamp Lumens: 405.0 lm

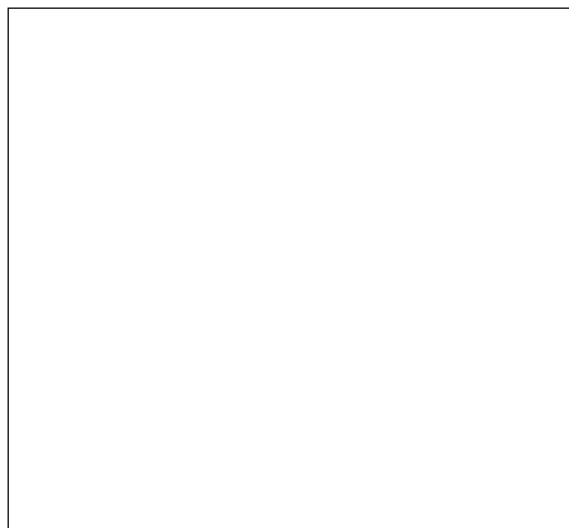
Efficiency: 100%

Upward Ratio: 4%

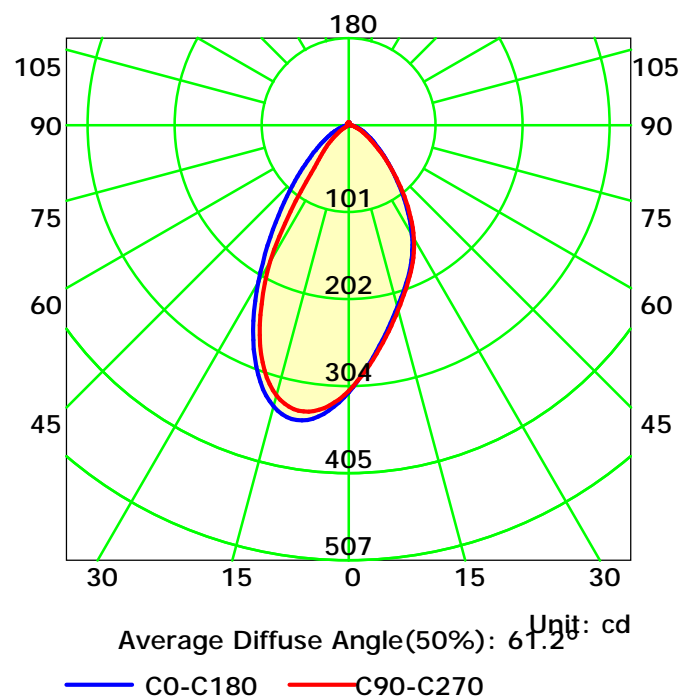
Central Intensity: 311.42 cd

Pos of Max. Intensity: H210 V13

Picture Of Luminaire



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

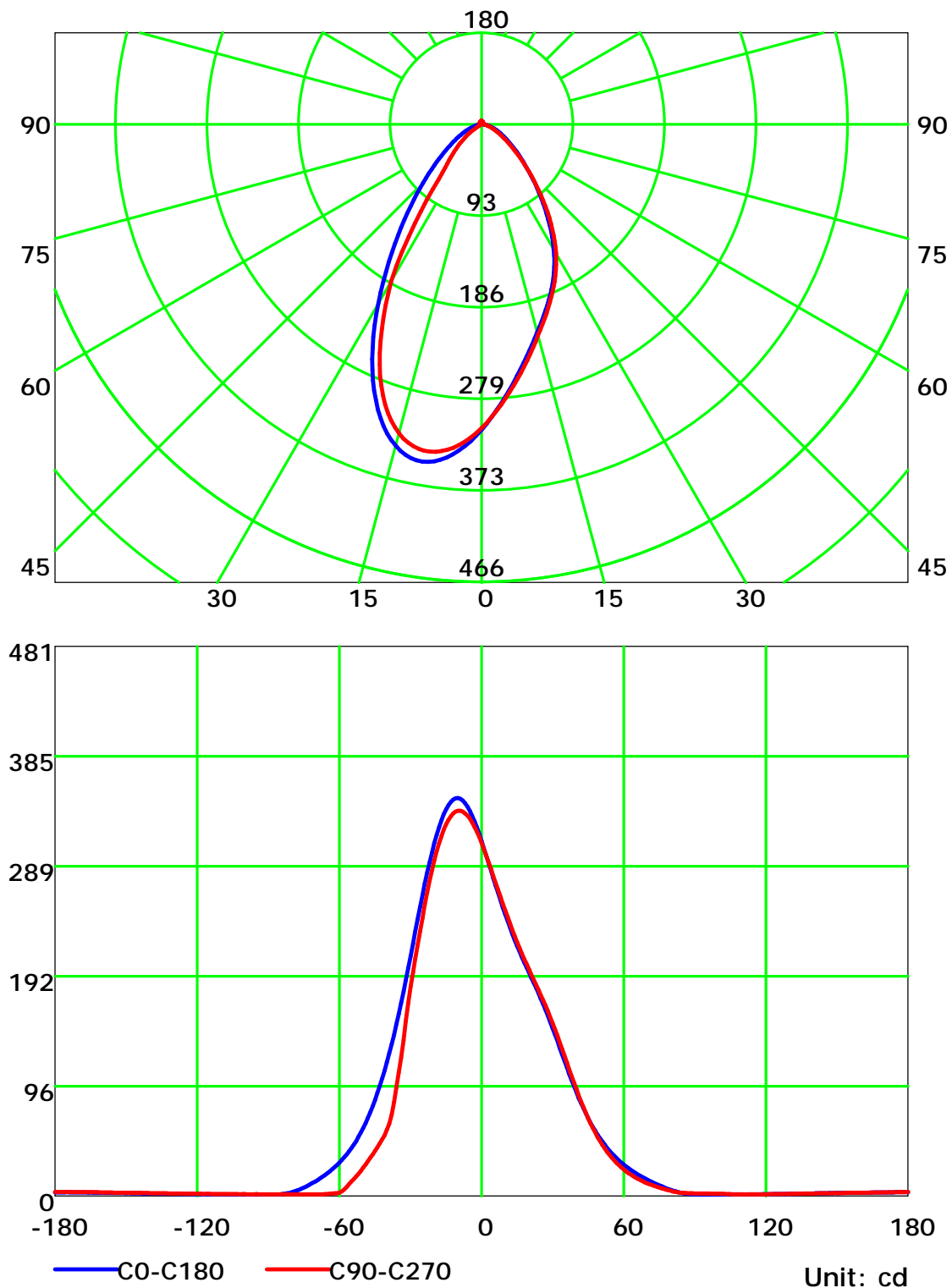
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

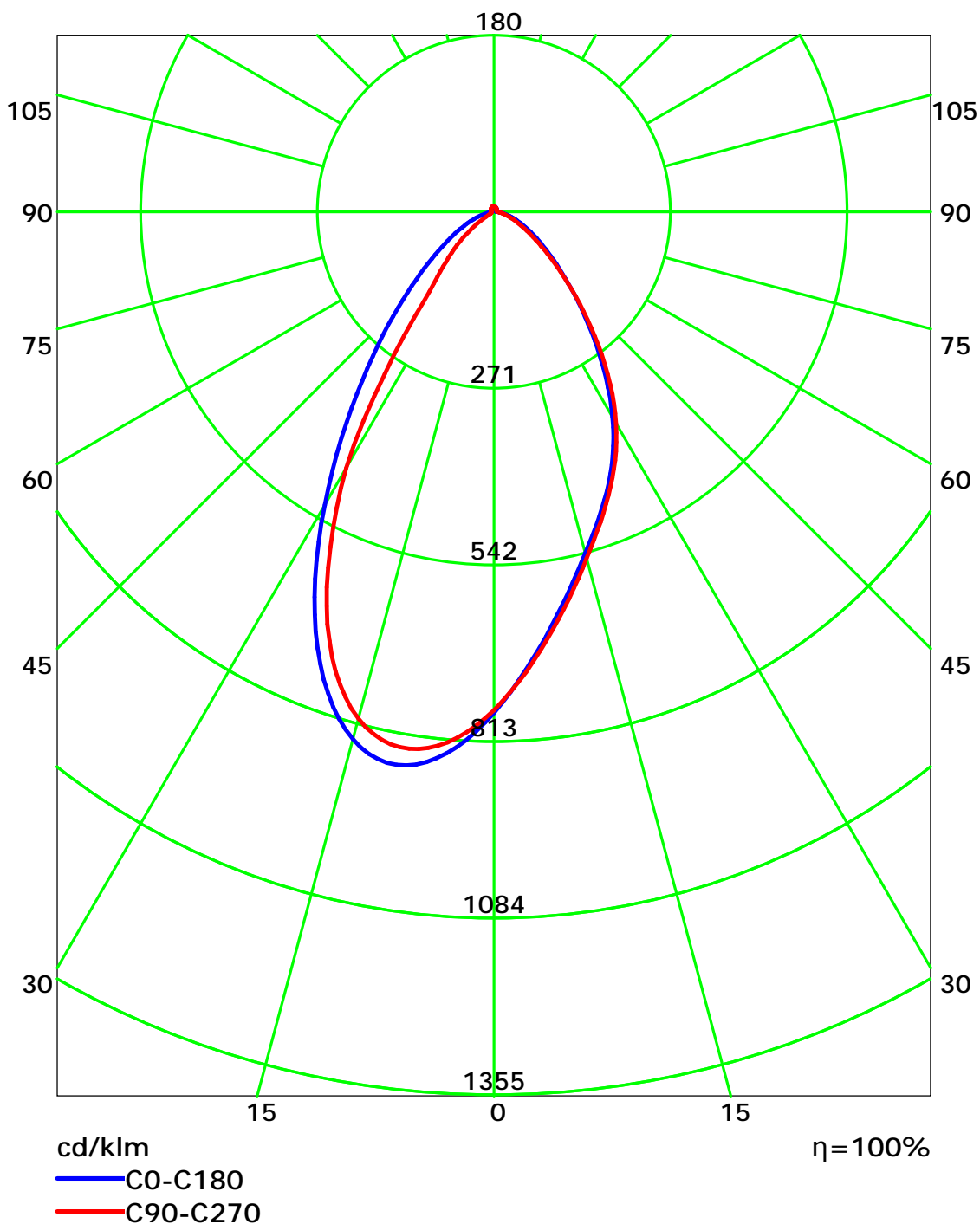
Luminous Intensity Distribution Curve



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:

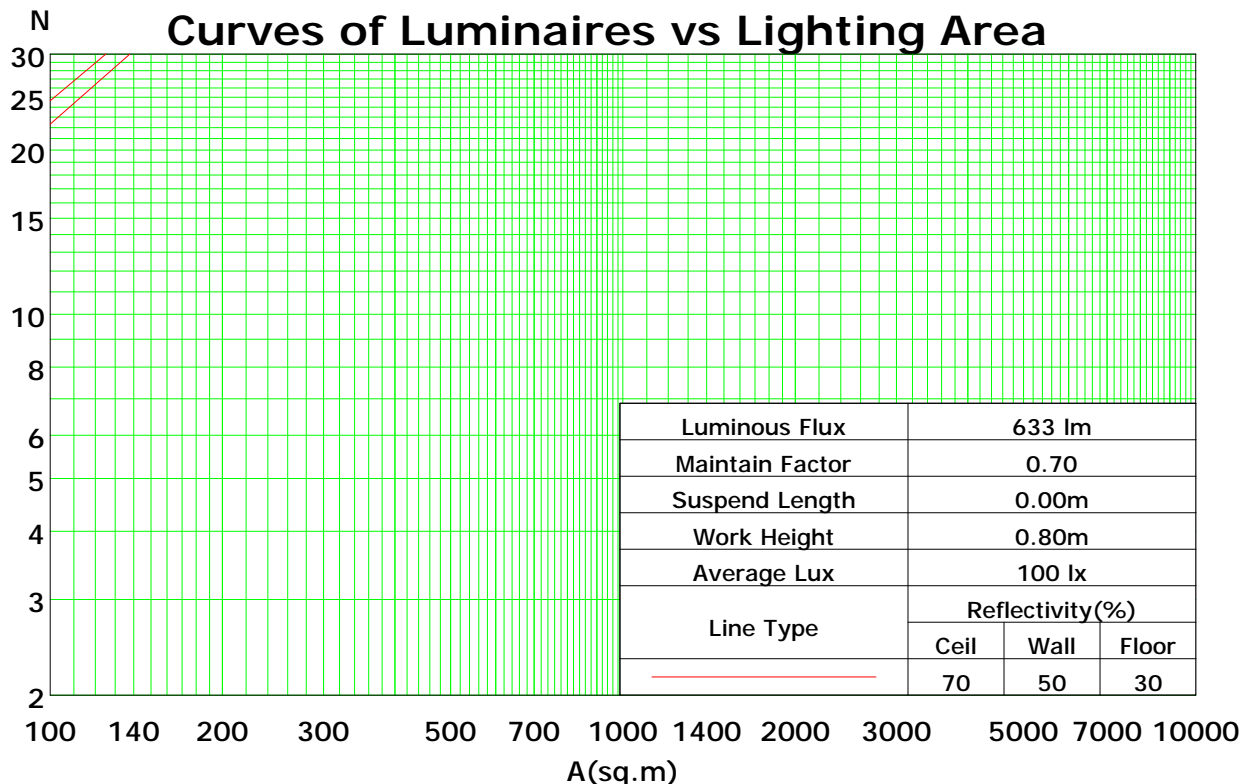
Coefficients Of Utilization - Zonal Cavity Method

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	109	109	109	104	104	104	99	99	99	96
1	111	107	104	102	108	105	102	100	100	98	96	96	94	92	92	90	89	87
2	104	98	93	88	101	96	91	87	92	88	85	88	85	82	85	82	80	78
3	97	89	83	78	95	87	82	77	84	79	75	81	77	74	78	75	72	70
4	91	82	75	70	89	80	74	69	77	72	68	75	70	67	72	69	65	64
5	85	75	68	63	83	74	67	62	71	66	61	69	64	60	67	63	60	58
6	80	69	62	57	78	68	62	57	66	60	56	64	59	55	63	58	55	53
7	75	64	57	52	73	63	57	52	62	56	51	60	55	51	59	54	50	48
8	71	60	53	48	69	59	52	48	57	51	47	56	51	47	55	50	46	45
9	67	56	49	44	65	55	49	44	54	48	44	53	47	43	51	47	43	41
10	63	52	46	41	62	52	45	41	50	45	41	49	44	40	48	44	40	39

Spacing Criteria (0-180): 0.96

Spacing Criteria (90-270): 0.94

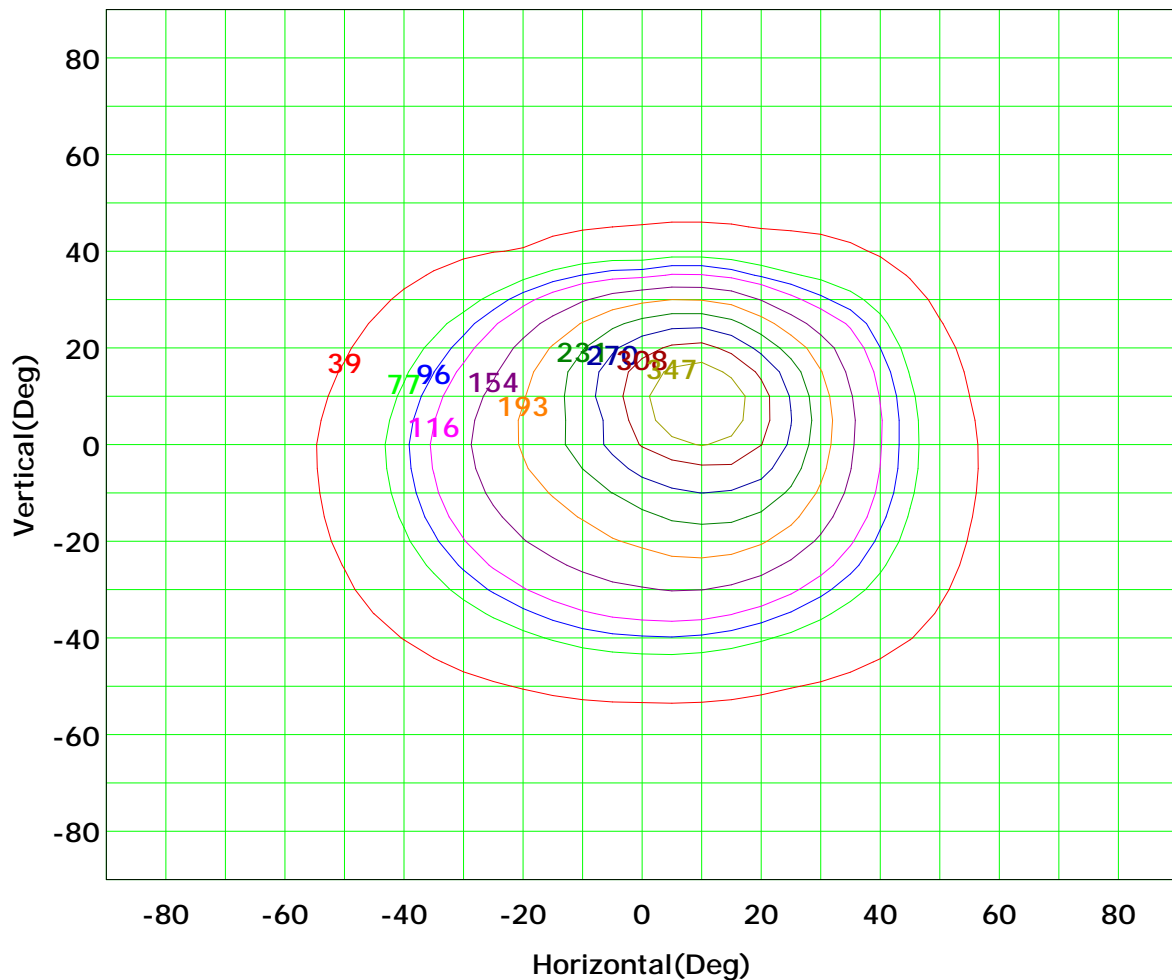
Spacing Criteria (Diagonal): 0.97



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)



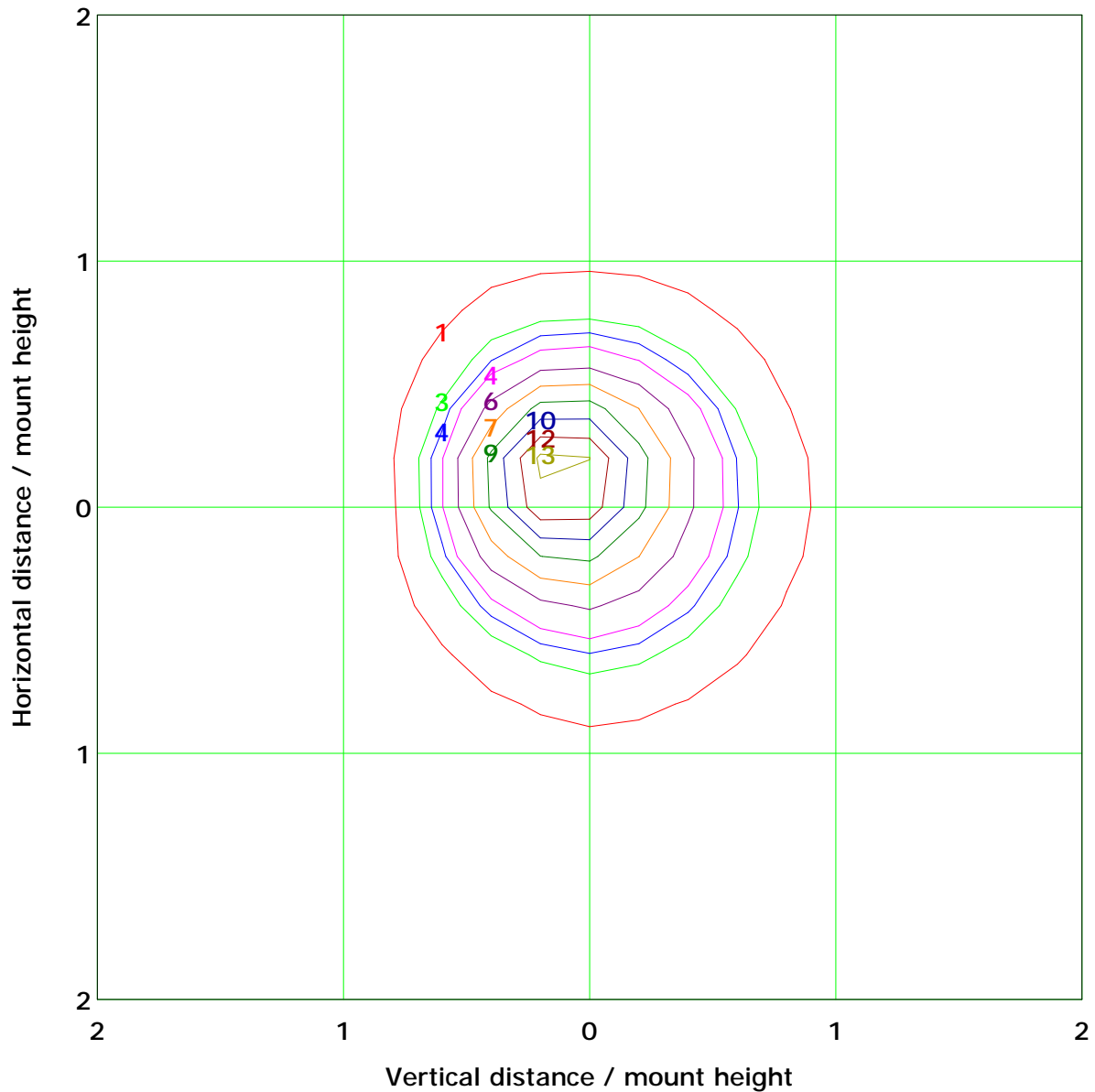
I_{max} (100%): 386 cd

(10%): 39 cd	(20%): 77 cd
(25%): 96 cd	(30%): 116 cd
(40%): 154 cd	(50%): 193 cd
(60%): 231 cd	(70%): 270 cd
(80%): 308 cd	(90%): 347 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%): 14.6 lx	
(10%): 1.5 lx	(20%): 2.9 lx
(25%): 3.6 lx	(30%): 4.4 lx
(40%): 5.8 lx	(50%): 7.3 lx
(60%): 8.7 lx	(70%): 10.2 lx
(80%): 11.7 lx	(90%): 13.1 lx

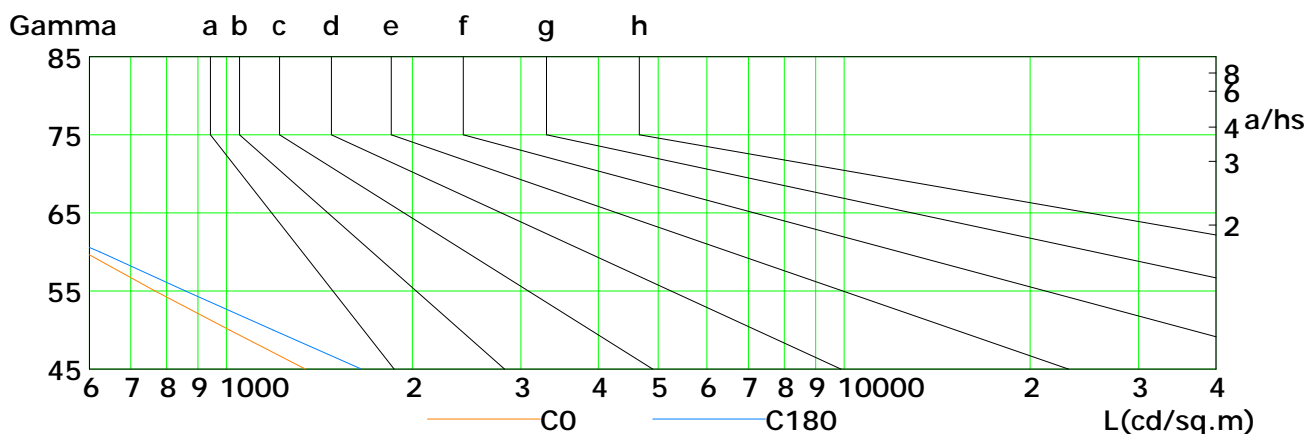
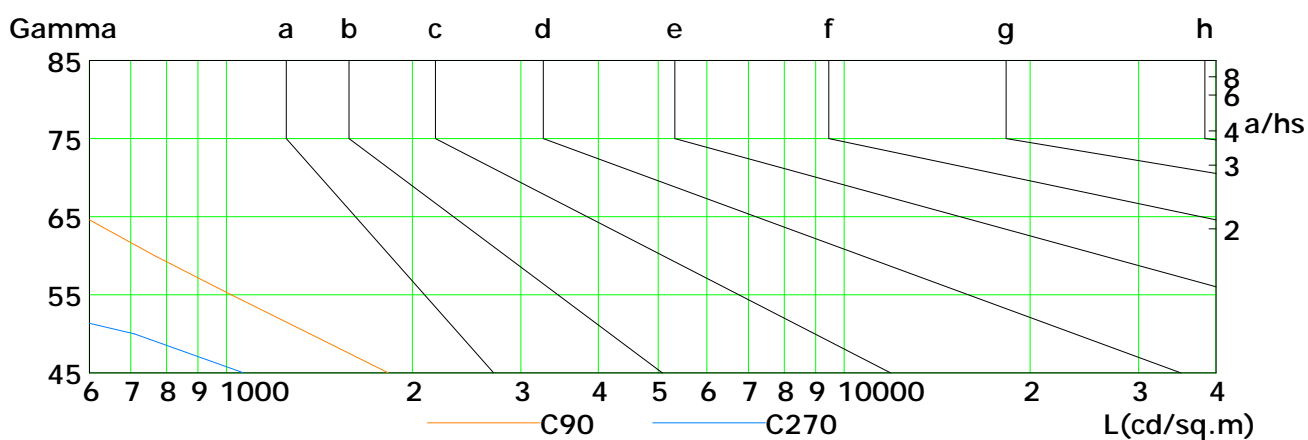
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

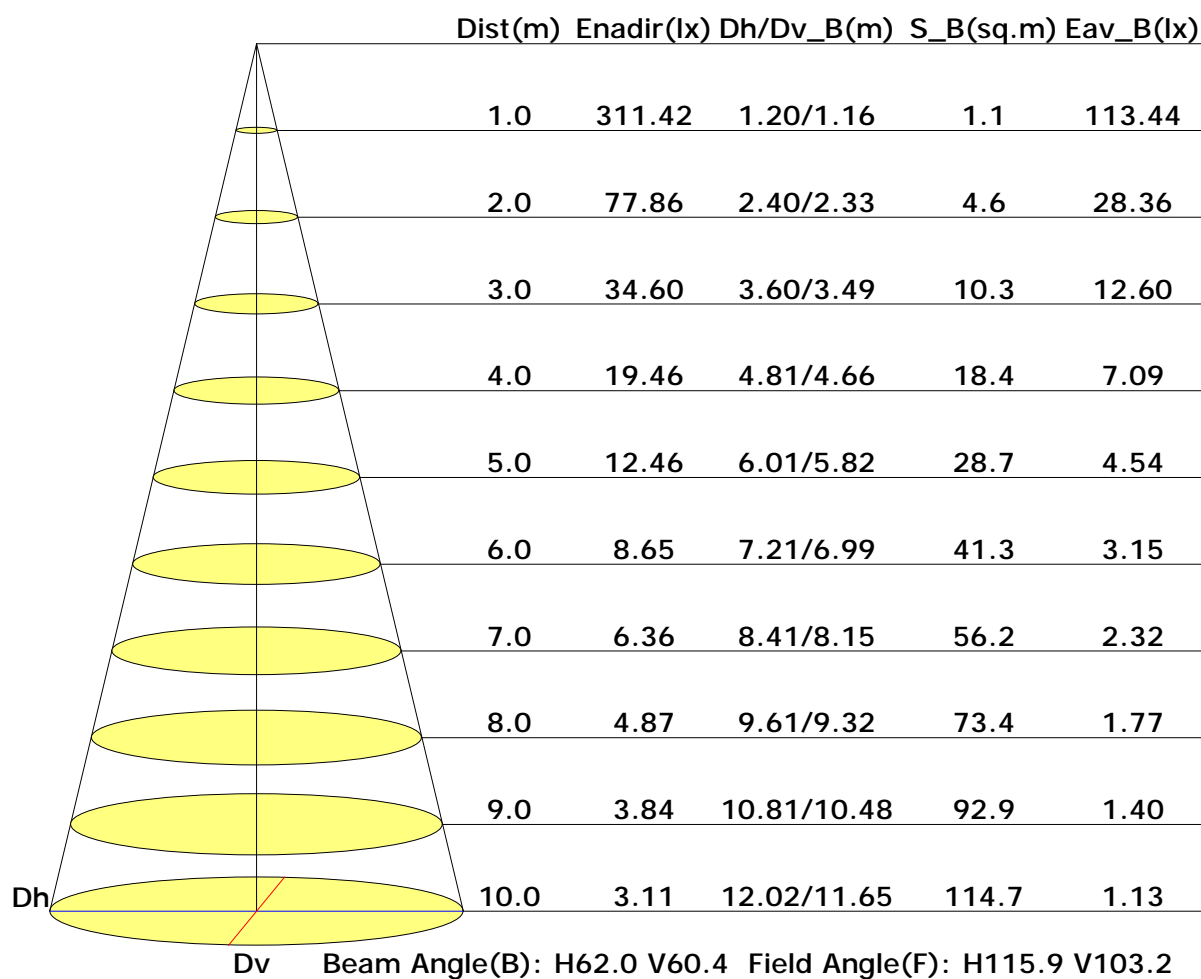


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1344	1012	767	589	449	337	237	149	82
C90	1829	1366	1019	766	587	451	347	258	196
C180	1654	1191	859	624	449	307	190	95	50
C270	1067	710	386	106	71	70	82	98	122

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:

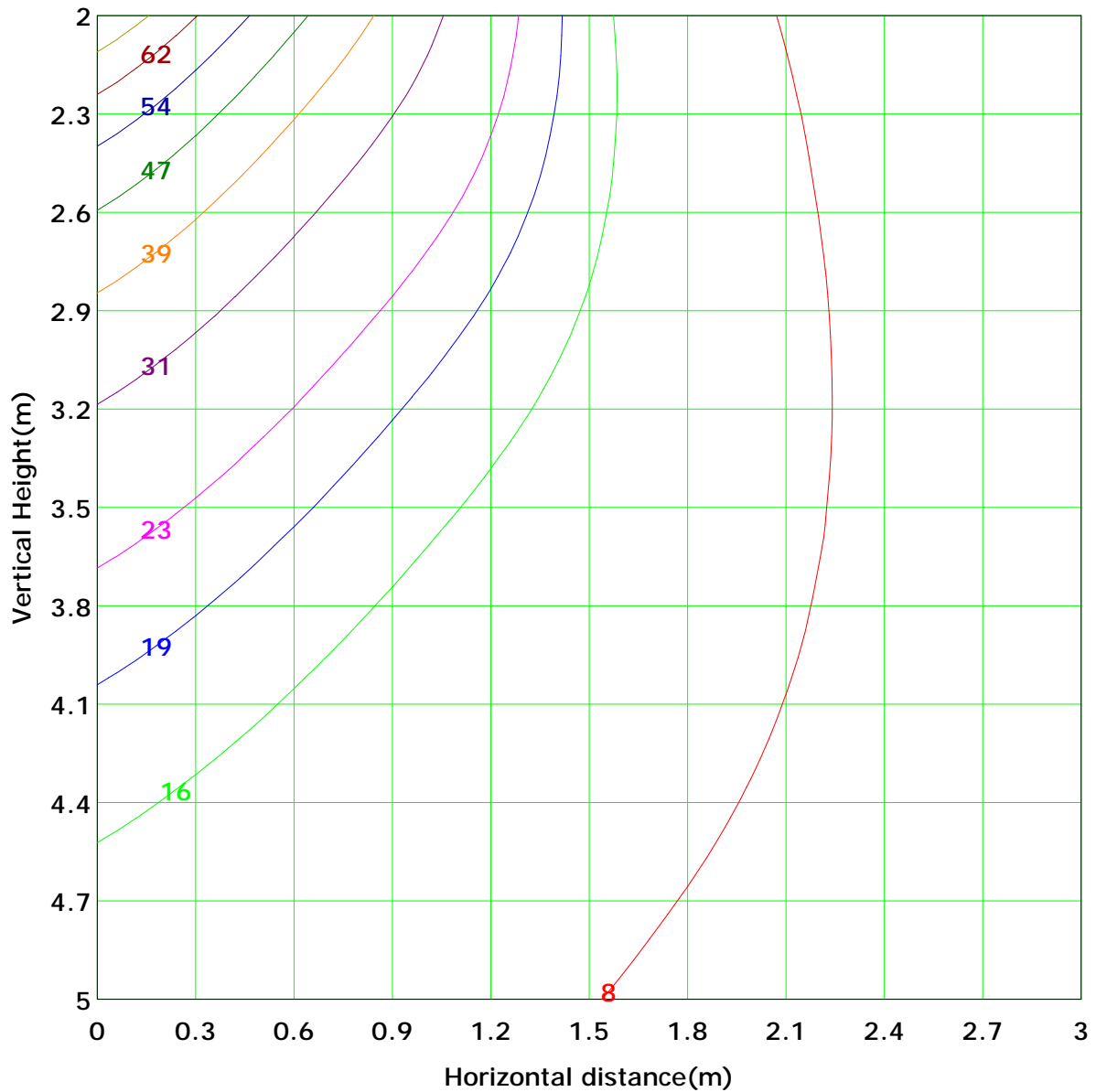
Illuminance at a Distance



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: 77.9 lx
(10%): 7.8 lx	(20%): 15.6 lx	
(25%): 19.5 lx	(30%): 23.4 lx	
(40%): 31.1 lx	(50%): 38.9 lx	
(60%): 46.7 lx	(70%): 54.5 lx	
(80%): 62.3 lx	(90%): 70.1 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

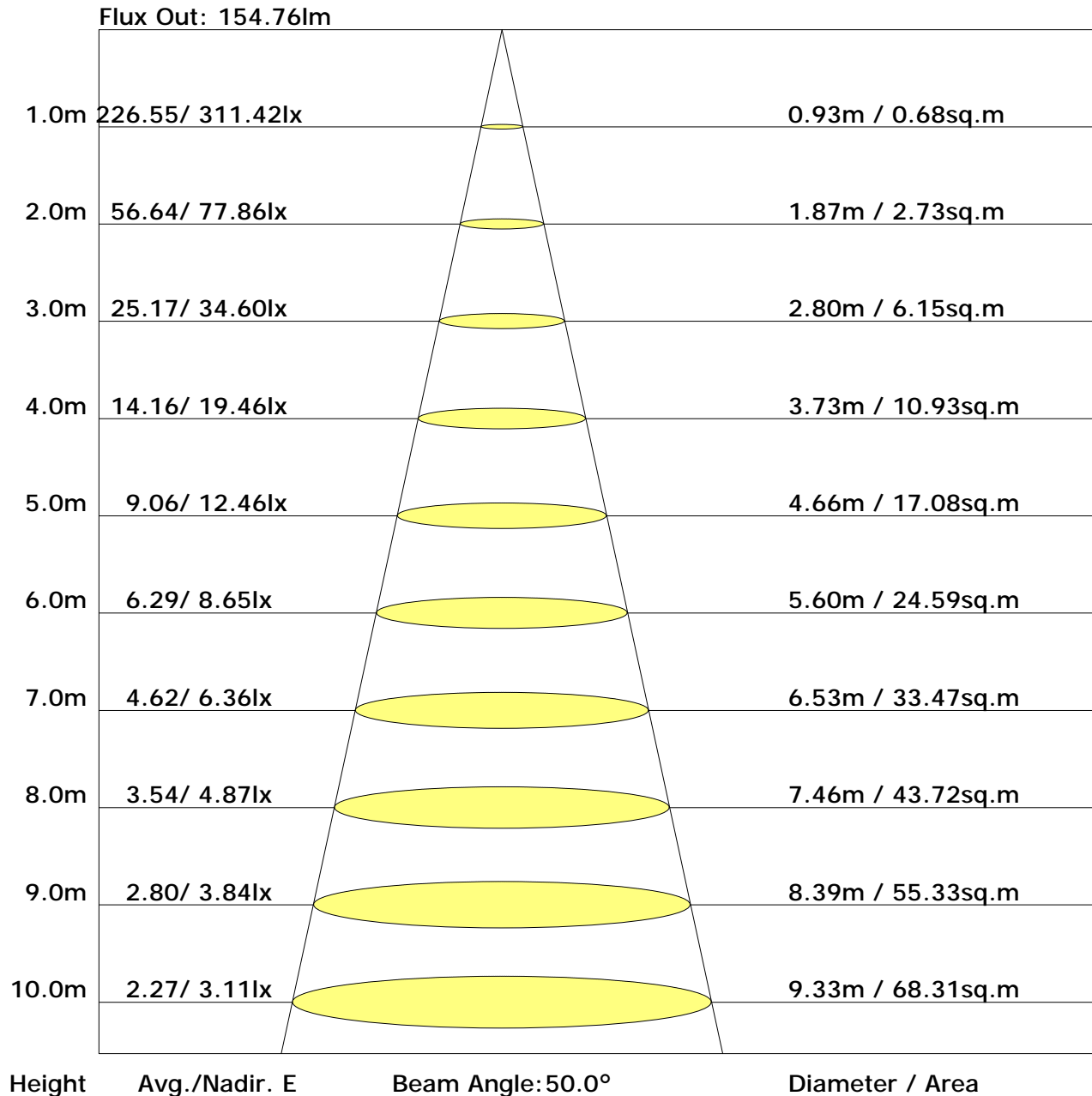
Vertical plane	Horizontal plane																	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	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
-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
-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
-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
-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
-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
-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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
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
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
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
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
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
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
Flux(T)	0.1	0.7	2.4	6.2	13.8	27.1	44.8	60.4	64.0	55.7	43.9	31.7	20.0	10.9	5.4	2.4	0.8	0.1	390
Flux(E)	0.0	0.0	0.0	2.2	11.1	24.6	42.3	58.0	61.4	53.1	41.2	28.9	17.1	7.6	1.0	0.0	0.0	0.0	349

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



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	11.5	12.7	11.9	13.1	13.5	10.9	12.1	11.3	12.5	12.9
3H	12.6	13.6	13.0	14.0	14.5	11.6	12.7	12.1	13.1	13.5
4H	12.9	13.9	13.4	14.3	14.8	11.8	12.8	12.3	13.2	13.7
6H	13.1	14.0	13.6	14.5	14.9	11.9	12.8	12.4	13.3	13.7
8H	13.2	14.0	13.7	14.5	15.0	11.9	12.8	12.4	13.2	13.7
12H	13.2	14.0	13.7	14.4	15.0	11.9	12.7	12.4	13.2	13.7
X=4H Y=2H	11.5	12.5	12.0	12.9	13.4	11.3	12.3	11.8	12.7	13.2
3H	12.7	13.5	13.2	14.0	14.5	12.1	12.9	12.6	13.4	13.9
4H	13.1	13.8	13.6	14.3	14.8	12.4	13.1	12.9	13.6	14.1
6H	13.4	14.0	13.9	14.5	15.1	12.6	13.2	13.1	13.7	14.2
8H	13.5	14.0	14.0	14.6	15.1	12.6	13.2	13.1	13.7	14.2
12H	13.5	14.0	14.1	14.6	15.1	12.6	13.1	13.2	13.7	14.2
X=8H Y=4H	13.1	13.6	13.6	14.2	14.7	12.5	13.1	13.0	13.6	14.2
6H	13.4	13.9	13.9	14.4	15.0	12.7	13.2	13.3	13.8	14.3
8H	13.5	13.9	14.1	14.5	15.1	12.8	13.2	13.4	13.8	14.4
12H	13.6	13.9	14.1	14.5	15.2	12.8	13.2	13.4	13.8	14.4
X=12H Y=4H	13.0	13.5	13.6	14.1	14.6	12.5	13.0	13.0	13.5	14.1
6H	13.3	13.8	13.9	14.3	14.9	12.7	13.1	13.3	13.7	14.3
8H	13.5	13.8	14.0	14.4	15.1	12.8	13.2	13.4	13.7	14.4

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	0.73	0.81	0.87	0.91	0.96	0.99	1.02	1.05	1.07
	0.30		0.67	0.76	0.81	0.86	0.92	0.96	0.98	1.02	1.04
	0.20		0.63	0.71	0.77	0.82	0.88	0.92	0.95	1.00	1.02
0.50	0.50	0.20	0.71	0.79	0.84	0.88	0.93	0.96	0.98	1.00	1.02
	0.30		0.66	0.74	0.80	0.84	0.89	0.92	0.95	0.98	1.00
	0.20		0.62	0.71	0.76	0.80	0.86	0.90	0.92	0.96	0.98
0.30	0.50	0.20	0.69	0.77	0.82	0.85	0.89	0.92	0.94	0.96	0.98
	0.30		0.65	0.73	0.78	0.81	0.86	0.89	0.92	0.94	0.96
	0.20		0.62	0.70	0.75	0.79	0.84	0.87	0.90	0.93	0.95
0.00	0.00	0.00	0.59	0.67	0.72	0.75	0.80	0.83	0.85	0.88	0.89
Rating: 10W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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	0.74	0.60	0.50	0.43	0.34	0.28	0.24	0.19	0.15	
	0.30		0.62	0.51	0.44	0.38	0.31	0.26	0.22	0.17	0.14	
	0.20		0.53	0.44	0.39	0.34	0.28	0.24	0.21	0.16	0.14	
0.50	0.50	0.20	0.70	0.56	0.47	0.40	0.32	0.30	0.22	0.17	0.14	
	0.30		0.59	0.49	0.42	0.36	0.29	0.24	0.21	0.16	0.13	
	0.20		0.52	0.43	0.37	0.33	0.27	0.22	0.20	0.15	0.13	
0.30	0.50	0.20	0.67	0.53	0.44	0.38	0.30	0.24	0.21	0.16	0.13	
	0.30		0.57	0.47	0.40	0.34	0.27	0.23	0.19	0.15	0.12	
	0.20		0.50	0.42	0.36	0.31	0.25	0.21	0.18	0.14	0.12	
0.00	0.00	0.00	0.38	0.30	0.25	0.22	0.17	0.14	0.12	0.09	0.07	
Rating: 10W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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	0.18	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.25
	0.30		0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	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	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.20
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.12	0.14	0.15	0.16	0.17	0.19	0.19	0.20	0.21
	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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Rating: 10W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	306.6	0.3	0.3	0.07	0.07
1.0-2.0	306.4	0.9	1.2	0.22	0.29
2.0-3.0	305.9	1.5	2.6	0.36	0.65
3.0-4.0	305.2	2.0	4.7	0.50	1.16
4.0-5.0	304.2	2.6	7.3	0.65	1.80
5.0-6.0	303.0	3.2	10.5	0.79	2.59
6.0-7.0	301.5	3.7	14.2	0.92	3.51
7.0-8.0	299.7	4.3	18.5	1.06	4.57
8.0-9.0	297.6	4.8	23.3	1.19	5.76
9.0-10.0	295.2	5.3	28.7	1.32	7.08
10.0-11.0	292.5	5.8	34.5	1.44	8.53
11.0-12.0	289.5	6.3	40.9	1.56	10.09
12.0-13.0	286.1	6.8	47.6	1.68	11.76
13.0-14.0	282.4	7.2	54.9	1.78	13.55
14.0-15.0	278.3	7.6	62.5	1.89	15.44
15.0-16.0	273.8	8.0	70.5	1.98	17.42
16.0-17.0	269.2	8.4	78.9	2.07	19.49
17.0-18.0	264.1	8.7	87.6	2.15	21.64
18.0-19.0	258.7	9.0	96.6	2.22	23.86
19.0-20.0	253.0	9.3	105.9	2.29	26.15
20.0-21.0	246.9	9.5	115.4	2.34	28.49
21.0-22.0	240.6	9.7	125.0	2.39	30.88
22.0-23.0	233.9	9.8	134.9	2.42	33.30
23.0-24.0	226.8	9.9	144.8	2.45	35.75
24.0-25.0	219.5	10.0	154.8	2.46	38.21
25.0-26.0	211.9	10.0	164.8	2.47	40.68
26.0-27.0	204.1	10.0	174.8	2.47	43.15
27.0-28.0	196.2	9.9	184.7	2.45	45.60
28.0-29.0	188.0	9.8	194.5	2.43	48.03
29.0-30.0	179.7	9.7	204.2	2.40	50.43
30.0-31.0	171.2	9.5	213.8	2.35	52.78
31.0-32.0	162.6	9.3	223.1	2.30	55.08
32.0-33.0	153.9	9.1	232.1	2.24	57.32
33.0-34.0	145.3	8.8	240.9	2.17	59.49
34.0-35.0	136.7	8.5	249.4	2.10	61.59
35.0-36.0	128.3	8.2	257.6	2.02	63.61

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	119.9	7.8	265.4	1.93	65.54
37.0-38.0	111.8	7.5	272.9	1.84	67.38
38.0-39.0	104.2	7.1	280.0	1.76	69.14
39.0-40.0	97.2	6.8	286.8	1.67	70.81
40.0-41.0	90.4	6.4	293.2	1.59	72.40
41.0-42.0	84.1	6.1	299.3	1.51	73.91
42.0-43.0	78.4	5.8	305.1	1.43	75.34
43.0-44.0	73.1	5.5	310.6	1.36	76.70
44.0-45.0	68.3	5.2	315.9	1.30	78.00
45.0-46.0	63.8	5.0	320.9	1.23	79.23
46.0-47.0	59.5	4.7	325.6	1.17	80.40
47.0-48.0	55.5	4.5	330.1	1.11	81.51
48.0-49.0	51.7	4.2	334.3	1.05	82.56
49.0-50.0	48.1	4.0	338.4	0.99	83.55
50.0-51.0	44.7	3.8	342.1	0.93	84.48
51.0-52.0	41.4	3.6	345.7	0.88	85.36
52.0-53.0	38.3	3.3	349.0	0.82	86.18
53.0-54.0	35.4	3.1	352.1	0.77	86.95
54.0-55.0	32.7	2.9	355.1	0.72	87.67
55.0-56.0	30.1	2.7	357.8	0.67	88.34
56.0-57.0	27.7	2.5	360.3	0.63	88.97
57.0-58.0	25.5	2.4	362.7	0.58	89.55
58.0-59.0	23.5	2.2	364.9	0.54	90.10
59.0-60.0	21.7	2.0	366.9	0.51	90.60
60.0-61.0	20.0	1.9	368.8	0.47	91.07
61.0-62.0	18.4	1.8	370.6	0.44	91.51
62.0-63.0	17.0	1.7	372.3	0.41	91.92
63.0-64.0	15.7	1.5	373.8	0.38	92.30
64.0-65.0	14.6	1.4	375.2	0.36	92.65
65.0-66.0	13.5	1.3	376.6	0.33	92.99
66.0-67.0	12.5	1.3	377.9	0.31	93.30
67.0-68.0	11.6	1.2	379.0	0.29	93.59
68.0-69.0	10.7	1.1	380.1	0.27	93.86
69.0-70.0	9.8	1.0	381.1	0.25	94.11
70.0-71.0	9.0	0.9	382.1	0.23	94.34
71.0-72.0	8.3	0.9	382.9	0.21	94.55

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	7.6	0.8	383.7	0.20	94.74
73.0-74.0	6.9	0.7	384.4	0.18	94.92
74.0-75.0	6.3	0.7	385.1	0.17	95.09
75.0-76.0	5.8	0.6	385.7	0.15	95.24
76.0-77.0	5.3	0.6	386.3	0.14	95.38
77.0-78.0	4.8	0.5	386.8	0.13	95.51
78.0-79.0	4.4	0.5	387.3	0.12	95.62
79.0-80.0	4.0	0.4	387.7	0.11	95.73
80.0-81.0	3.6	0.4	388.1	0.10	95.82
81.0-82.0	3.2	0.4	388.4	0.09	95.91
82.0-83.0	3.0	0.3	388.8	0.08	95.99
83.0-84.0	2.7	0.3	389.0	0.07	96.06
84.0-85.0	2.5	0.3	389.3	0.07	96.13
85.0-86.0	2.3	0.3	389.6	0.06	96.19
86.0-87.0	2.2	0.2	389.8	0.06	96.25
87.0-88.0	2.1	0.2	390.0	0.06	96.31
88.0-89.0	2.1	0.2	390.3	0.06	96.37
89.0-90.0	2.0	0.2	390.5	0.06	96.42
90.0-91.0	2.0	0.2	390.7	0.05	96.47
91.0-92.0	2.0	0.2	390.9	0.05	96.53
92.0-93.0	2.0	0.2	391.1	0.05	96.58
93.0-94.0	2.0	0.2	391.4	0.05	96.63
94.0-95.0	2.0	0.2	391.6	0.05	96.69
95.0-96.0	2.0	0.2	391.8	0.05	96.74
96.0-97.0	1.9	0.2	392.0	0.05	96.79
97.0-98.0	1.9	0.2	392.2	0.05	96.84
98.0-99.0	1.9	0.2	392.4	0.05	96.90
99.0-100.0	1.9	0.2	392.6	0.05	96.95
100.0-101.0	1.9	0.2	392.8	0.05	97.00
101.0-102.0	1.9	0.2	393.0	0.05	97.05
102.0-103.0	1.9	0.2	393.2	0.05	97.10
103.0-104.0	1.9	0.2	393.4	0.05	97.14
104.0-105.0	1.8	0.2	393.6	0.05	97.19
105.0-106.0	1.8	0.2	393.8	0.05	97.24
106.0-107.0	1.9	0.2	394.0	0.05	97.29
107.0-108.0	1.9	0.2	394.2	0.05	97.34

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

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

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.9	0.2	394.4	0.05	97.38
109.0-110.0	1.9	0.2	394.6	0.05	97.43
110.0-111.0	1.9	0.2	394.8	0.05	97.48
111.0-112.0	1.9	0.2	395.0	0.05	97.53
112.0-113.0	1.9	0.2	395.2	0.05	97.58
113.0-114.0	1.9	0.2	395.4	0.05	97.62
114.0-115.0	1.9	0.2	395.6	0.05	97.67
115.0-116.0	2.0	0.2	395.8	0.05	97.72
116.0-117.0	2.0	0.2	396.0	0.05	97.77
117.0-118.0	2.0	0.2	396.2	0.05	97.82
118.0-119.0	2.0	0.2	396.3	0.05	97.86
119.0-120.0	2.1	0.2	396.5	0.05	97.91
120.0-121.0	2.1	0.2	396.7	0.05	97.96
121.0-122.0	2.1	0.2	396.9	0.05	98.01
122.0-123.0	2.1	0.2	397.1	0.05	98.06
123.0-124.0	2.1	0.2	397.3	0.05	98.11
124.0-125.0	2.2	0.2	397.5	0.05	98.15
125.0-126.0	2.2	0.2	397.7	0.05	98.20
126.0-127.0	2.2	0.2	397.9	0.05	98.25
127.0-128.0	2.3	0.2	398.1	0.05	98.30
128.0-129.0	2.3	0.2	398.3	0.05	98.35
129.0-130.0	2.3	0.2	398.5	0.05	98.40
130.0-131.0	2.3	0.2	398.7	0.05	98.45
131.0-132.0	2.4	0.2	398.9	0.05	98.49
132.0-133.0	2.4	0.2	399.1	0.05	98.54
133.0-134.0	2.4	0.2	399.3	0.05	98.59
134.0-135.0	2.5	0.2	399.5	0.05	98.64
135.0-136.0	2.5	0.2	399.7	0.05	98.69
136.0-137.0	2.6	0.2	399.9	0.05	98.73
137.0-138.0	2.6	0.2	400.1	0.05	98.78
138.0-139.0	2.6	0.2	400.2	0.05	98.83
139.0-140.0	2.6	0.2	400.4	0.05	98.87
140.0-141.0	2.7	0.2	400.6	0.05	98.92
141.0-142.0	2.7	0.2	400.8	0.05	98.97
142.0-143.0	2.8	0.2	401.0	0.05	99.01
143.0-144.0	2.8	0.2	401.2	0.05	99.06

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.8	0.2	401.4	0.04	99.10
145.0-146.0	2.9	0.2	401.5	0.04	99.15
146.0-147.0	2.9	0.2	401.7	0.04	99.19
147.0-148.0	2.9	0.2	401.9	0.04	99.23
148.0-149.0	2.9	0.2	402.0	0.04	99.27
149.0-150.0	3.0	0.2	402.2	0.04	99.31
150.0-151.0	3.0	0.2	402.4	0.04	99.35
151.0-152.0	3.0	0.2	402.5	0.04	99.39
152.0-153.0	3.1	0.2	402.7	0.04	99.43
153.0-154.0	3.1	0.2	402.8	0.04	99.47
154.0-155.0	3.1	0.1	403.0	0.04	99.51
155.0-156.0	3.2	0.1	403.1	0.04	99.54
156.0-157.0	3.2	0.1	403.3	0.03	99.58
157.0-158.0	3.2	0.1	403.4	0.03	99.61
158.0-159.0	3.3	0.1	403.5	0.03	99.64
159.0-160.0	3.3	0.1	403.7	0.03	99.67
160.0-161.0	3.3	0.1	403.8	0.03	99.70
161.0-162.0	3.4	0.1	403.9	0.03	99.73
162.0-163.0	3.4	0.1	404.0	0.03	99.76
163.0-164.0	3.4	0.1	404.1	0.03	99.79
164.0-165.0	3.4	0.1	404.2	0.02	99.81
165.0-166.0	3.5	0.1	404.3	0.02	99.84
166.0-167.0	3.5	0.1	404.4	0.02	99.86
167.0-168.0	3.5	0.1	404.5	0.02	99.88
168.0-169.0	3.5	0.1	404.6	0.02	99.90
169.0-170.0	3.6	0.1	404.6	0.02	99.91
170.0-171.0	3.6	0.1	404.7	0.02	99.93
171.0-172.0	3.6	0.1	404.8	0.01	99.94
172.0-173.0	3.6	0.1	404.8	0.01	99.96
173.0-174.0	3.6	0.0	404.9	0.01	99.97
174.0-175.0	3.7	0.0	404.9	0.01	99.98
175.0-176.0	3.7	0.0	404.9	0.01	99.99
176.0-177.0	3.7	0.0	405.0	0.01	99.99
177.0-178.0	3.7	0.0	405.0	0.00	100.00
178.0-179.0	3.7	0.0	405.0	0.00	100.00
179.0-180.0	3.7	0.0	405.0	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: