

Report No.:

Test Time: 2023/3/1 16:18

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: WALL WASHER RGBW4000K

Luminaire Description: Deco Linear Floodlight+Green on

Luminous Length (mm): 330

Luminous Width (mm): 125

Luminous Height (mm): 6.5

Voltage: 119.6 V

Current: 0.162 A

Power: 9.05 W

Power Factor: 0.466

Photometric Results

CIE Class: Direct

Measurement Flux: 447 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H120.9,H66.7

Vertical Diffuse Angle(10%,50%): V104.4,V63.7

Luminaire Efficacy Rating (LER): 49

Max. Intensity: 447.92 cd

Total Rated Lamp Lumens: 447.0 lm

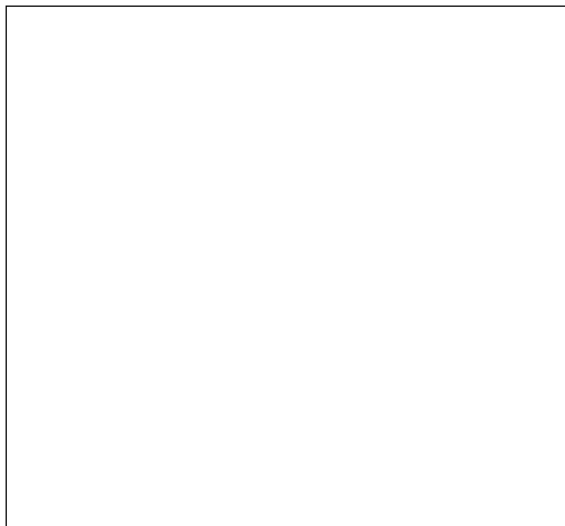
Efficiency: 100%

Upward Ratio: 3%

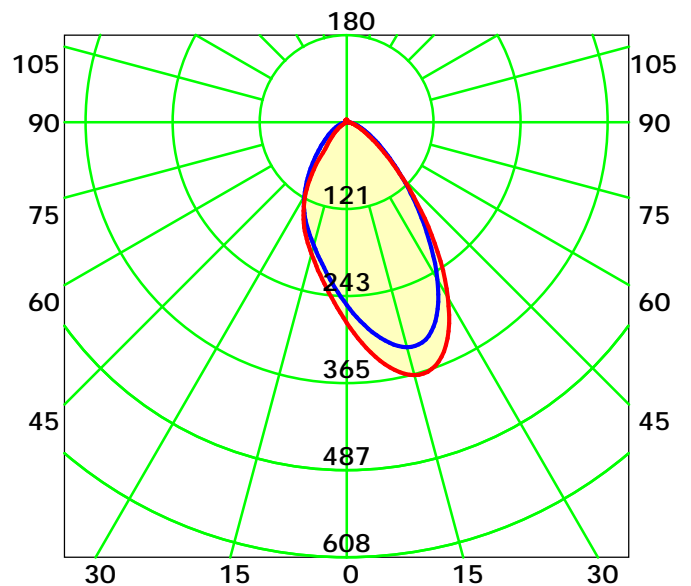
Central Intensity: 255.88 cd

Pos of Max. Intensity: H60 V22

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 65.2° Unit: cd

— C0-C180 — C90-C270

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

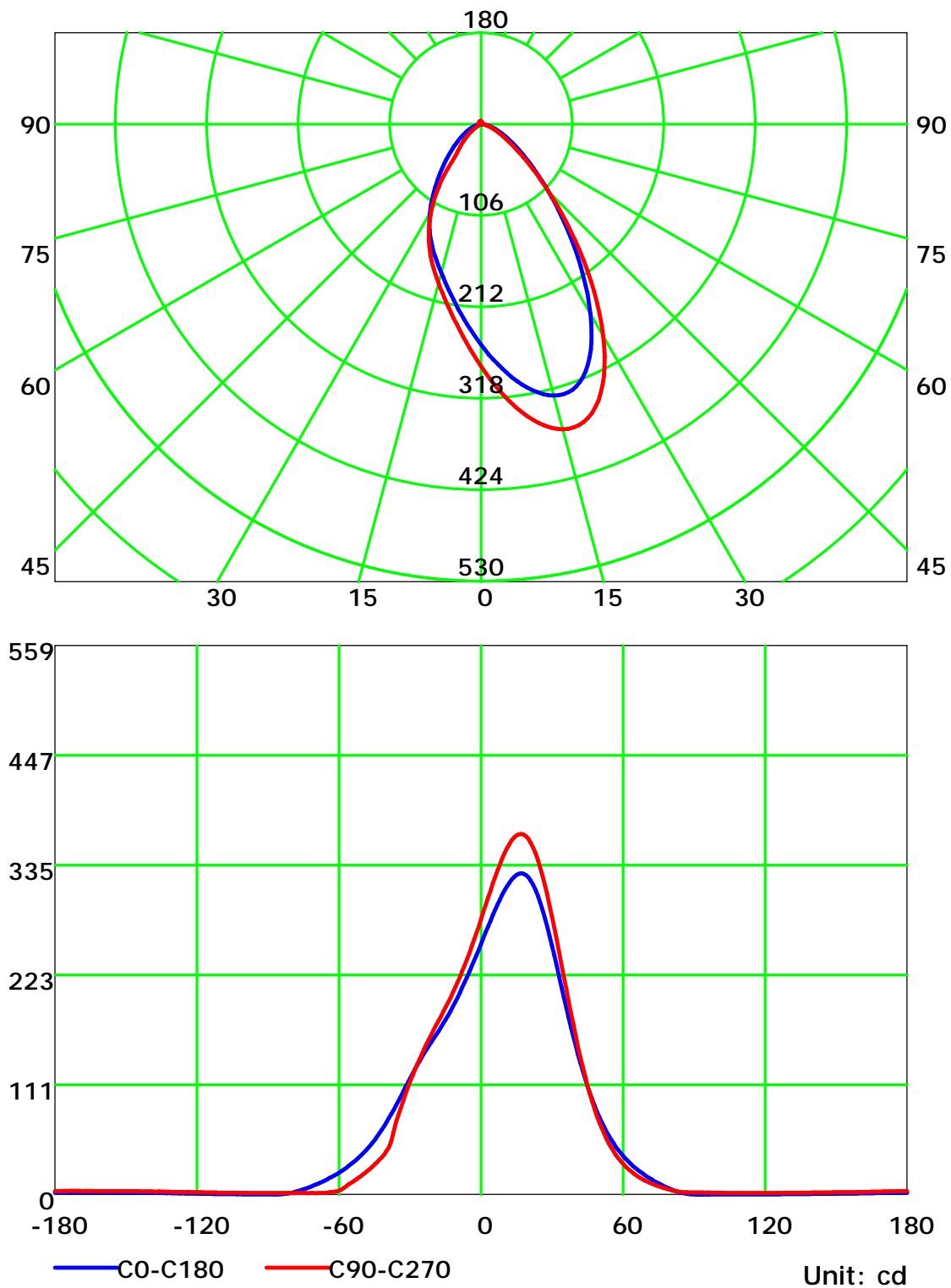
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

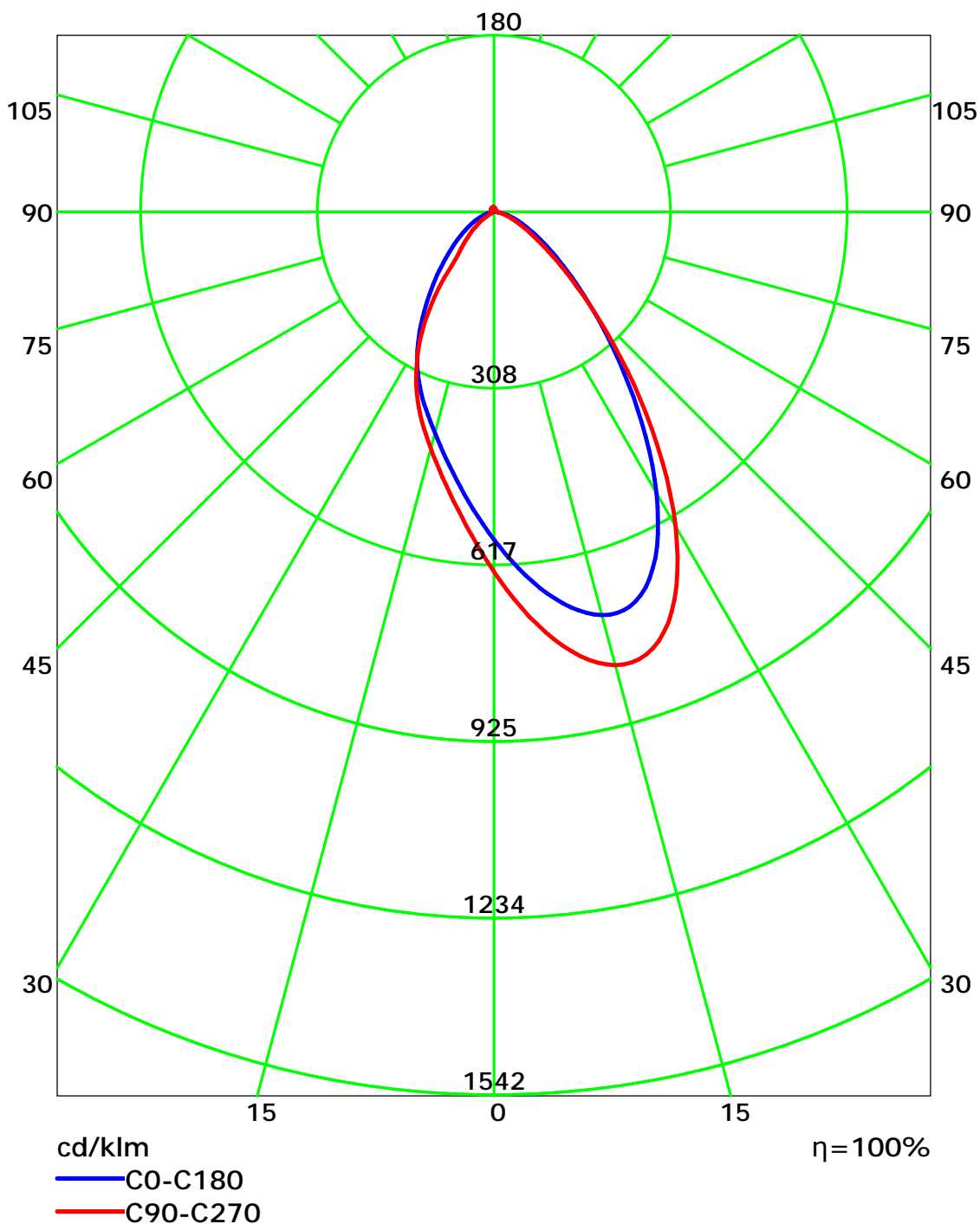
Luminous Intensity Distribution Curve



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:

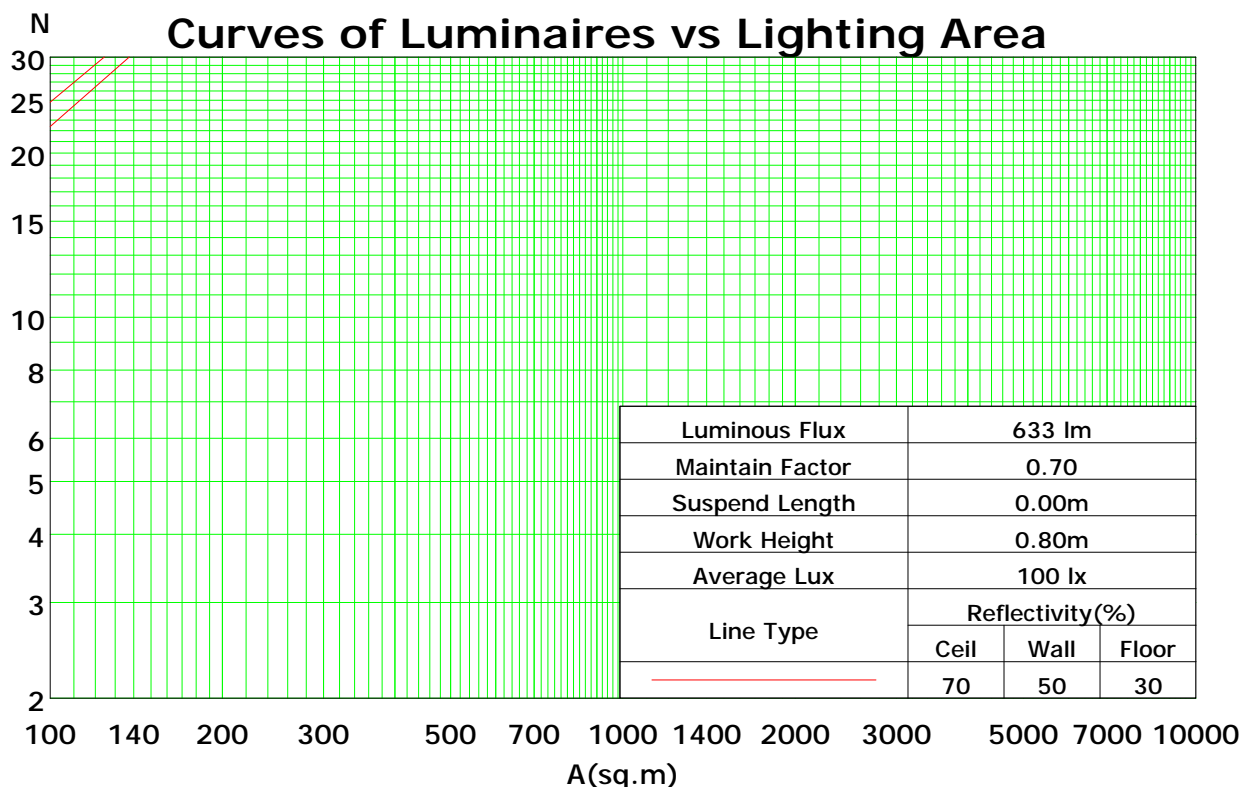
Coefficients Of Utilization - Zonal Cavity Method

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	97
1	111	107	104	101	108	105	102	100	100	98	96	96	94	92	92	91	89	87
2	104	97	92	88	101	95	91	87	91	88	84	88	85	82	85	82	80	78
3	97	88	82	77	94	87	81	76	84	79	75	81	77	73	78	74	72	70
4	90	81	74	68	88	79	73	68	77	71	67	74	69	66	72	68	64	63
5	84	74	67	61	82	73	66	61	70	65	60	68	63	59	66	62	58	57
6	79	68	61	55	77	67	60	55	65	59	54	63	58	54	61	57	53	51
7	74	63	55	50	72	62	55	50	60	54	50	59	53	49	57	52	49	47
8	70	58	51	46	68	57	51	46	56	50	45	55	49	45	53	48	45	43
9	66	54	47	42	64	53	47	42	52	46	42	51	45	41	50	45	41	39
10	62	50	44	39	61	50	43	39	49	43	39	48	42	38	47	42	38	37

Spacing Criteria (0-180): 1.12

Spacing Criteria (90-270): 1.10

Spacing Criteria (Diagonal): 1.13



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

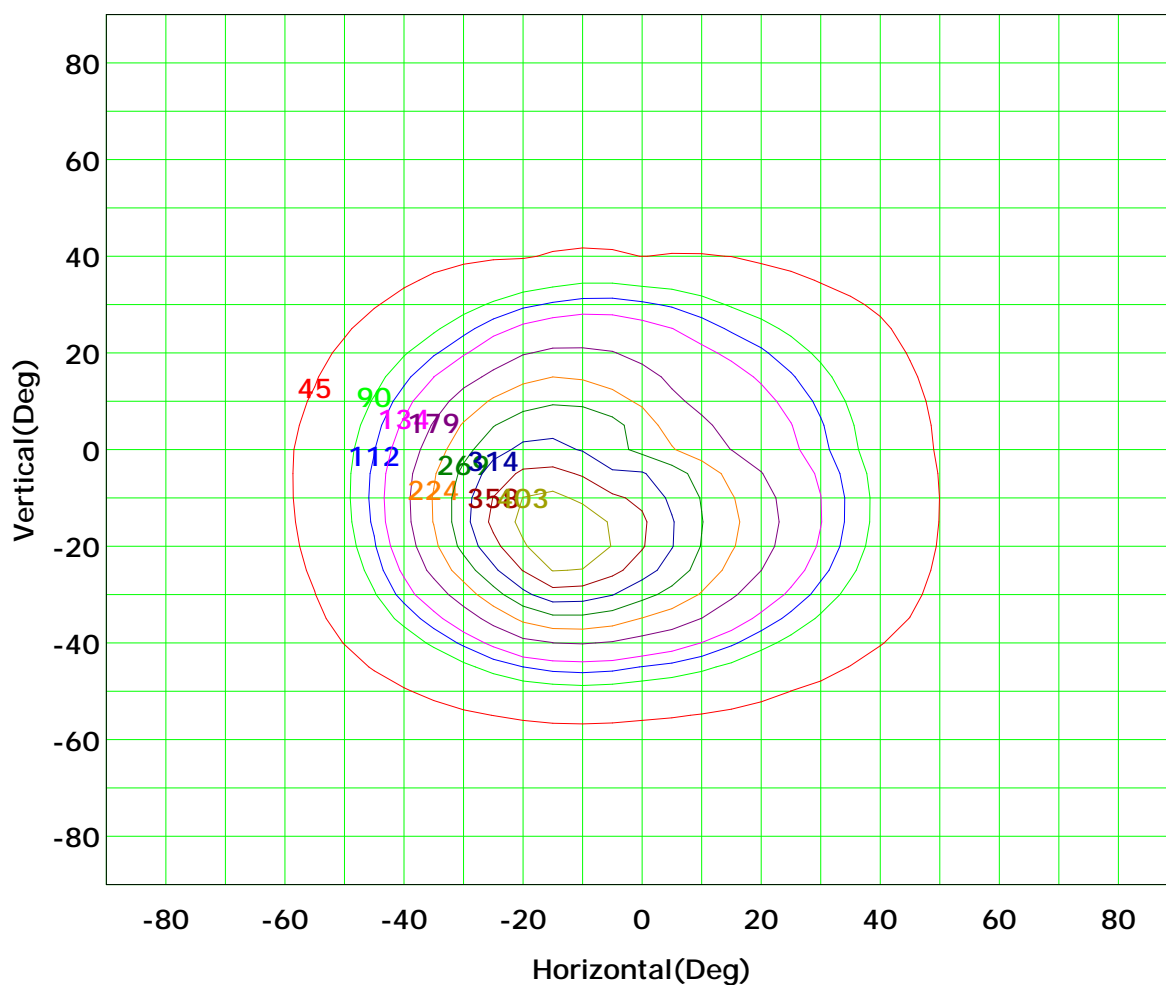
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



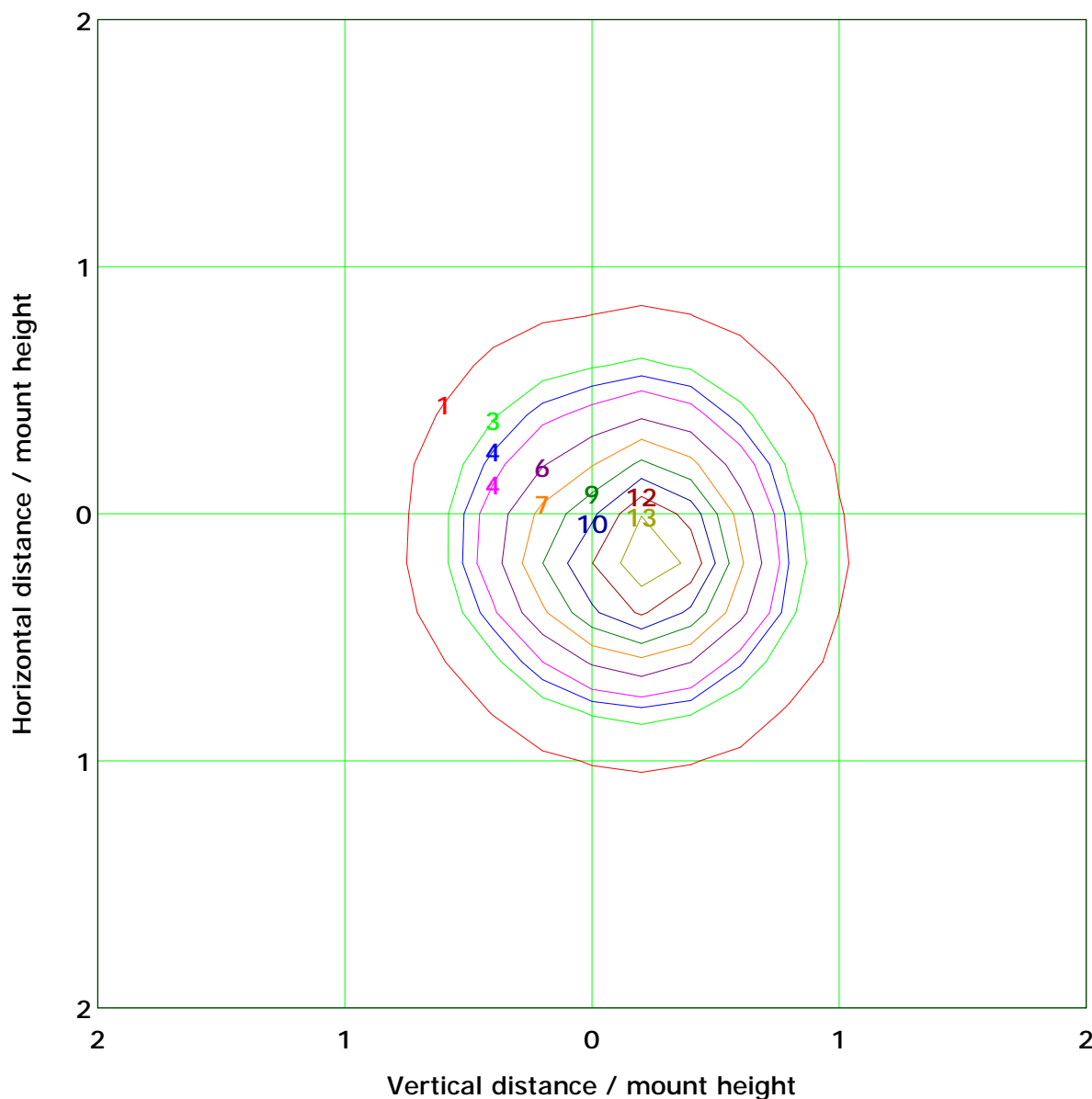
I_{max} (100%): 448 cd

(10%): 45 cd	(20%): 90 cd
(25%): 112 cd	(30%): 134 cd
(40%): 179 cd	(50%): 224 cd
(60%): 269 cd	(70%): 314 cd
(80%): 358 cd	(90%): 403 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%): 14.9 lx	
(10%):	1.5 lx	(20%):	3.0 lx
(25%):	3.7 lx	(30%):	4.5 lx
(40%):	6.0 lx	(50%):	7.5 lx
(60%):	9.0 lx	(70%):	10.5 lx
(80%):	11.9 lx	(90%):	13.4 lx

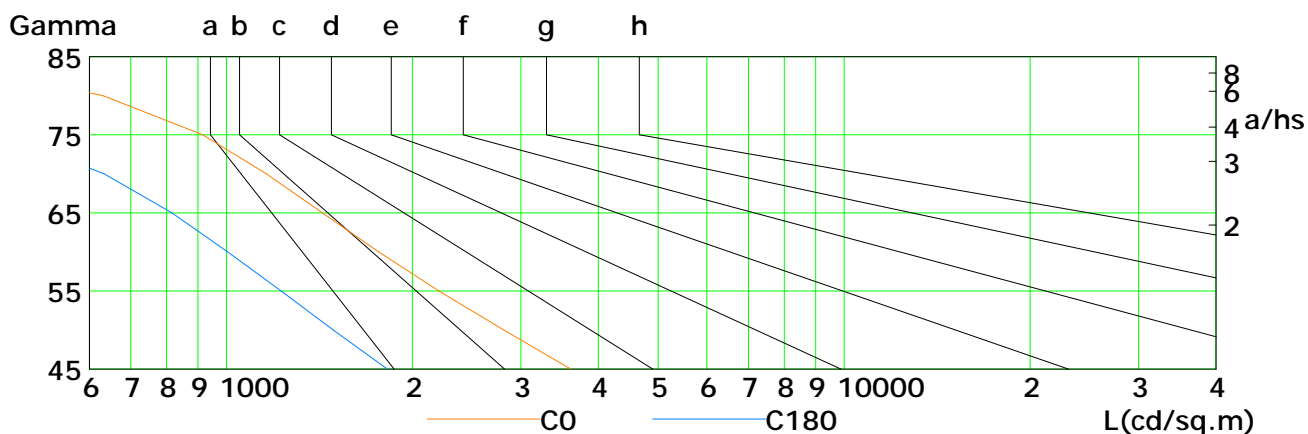
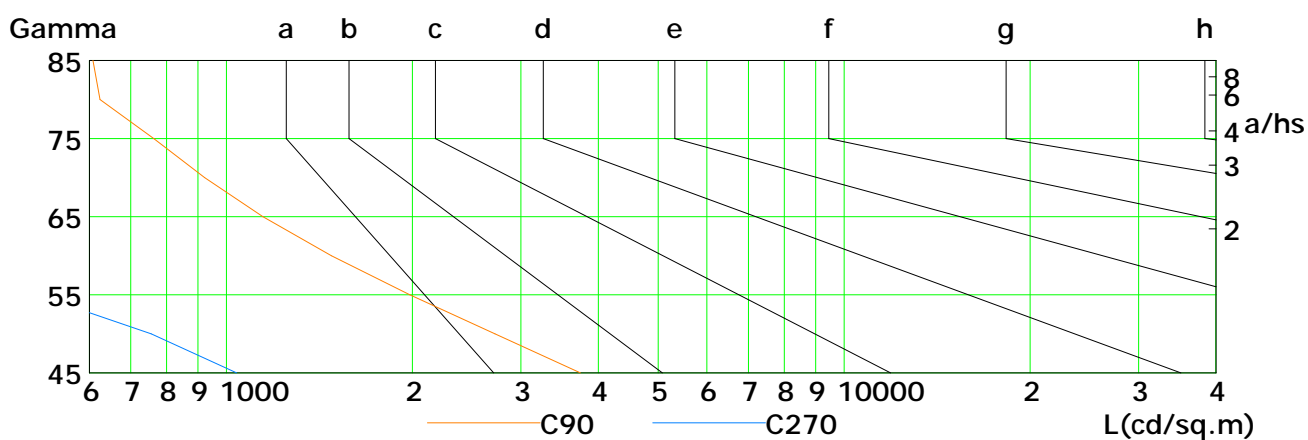
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



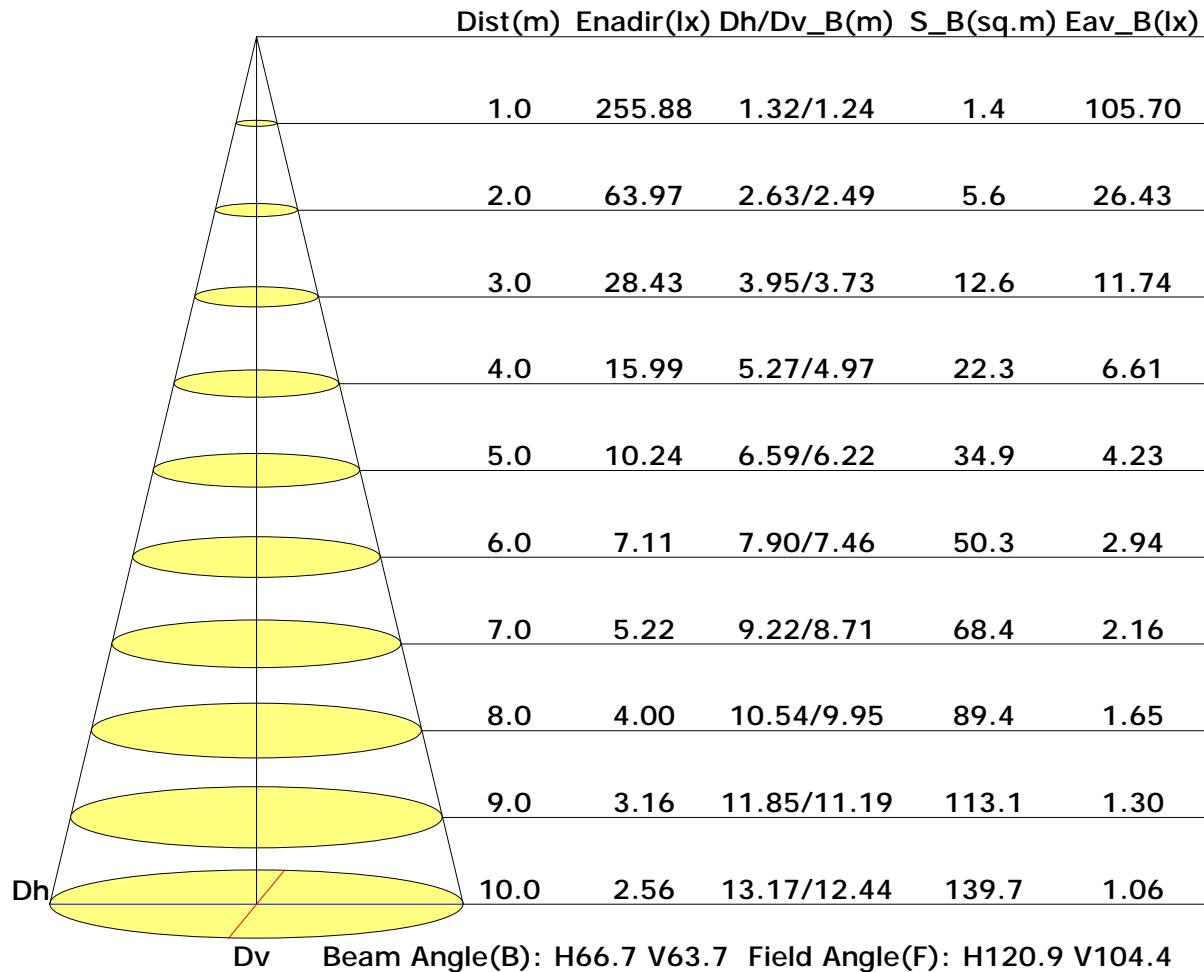
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3610	2816	2208	1766	1431	1162	916	632	326
C90	3742	2721	1983	1479	1146	923	763	624	608
C180	1823	1490	1226	1005	816	634	440	234	80
C270	1039	756	496	194	113	110	152	221	415

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:



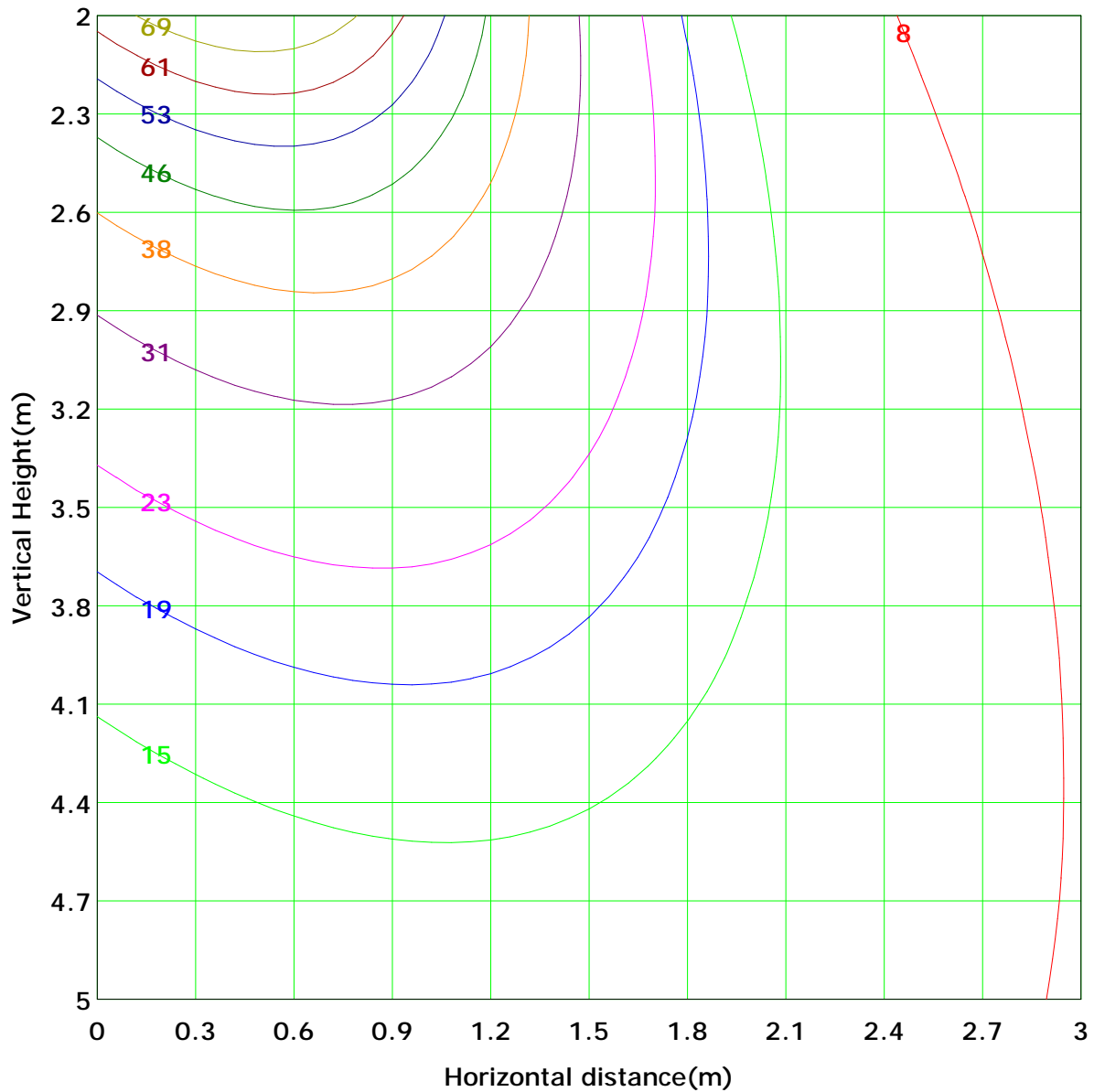
Illuminance at a Distance



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: 76.3 lx
(10%): 7.6 lx	(20%): 15.3 lx	
(25%): 19.1 lx	(30%): 22.9 lx	
(40%): 30.5 lx	(50%): 38.1 lx	
(60%): 45.8 lx	(70%): 53.4 lx	
(80%): 61.0 lx	(90%): 68.7 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

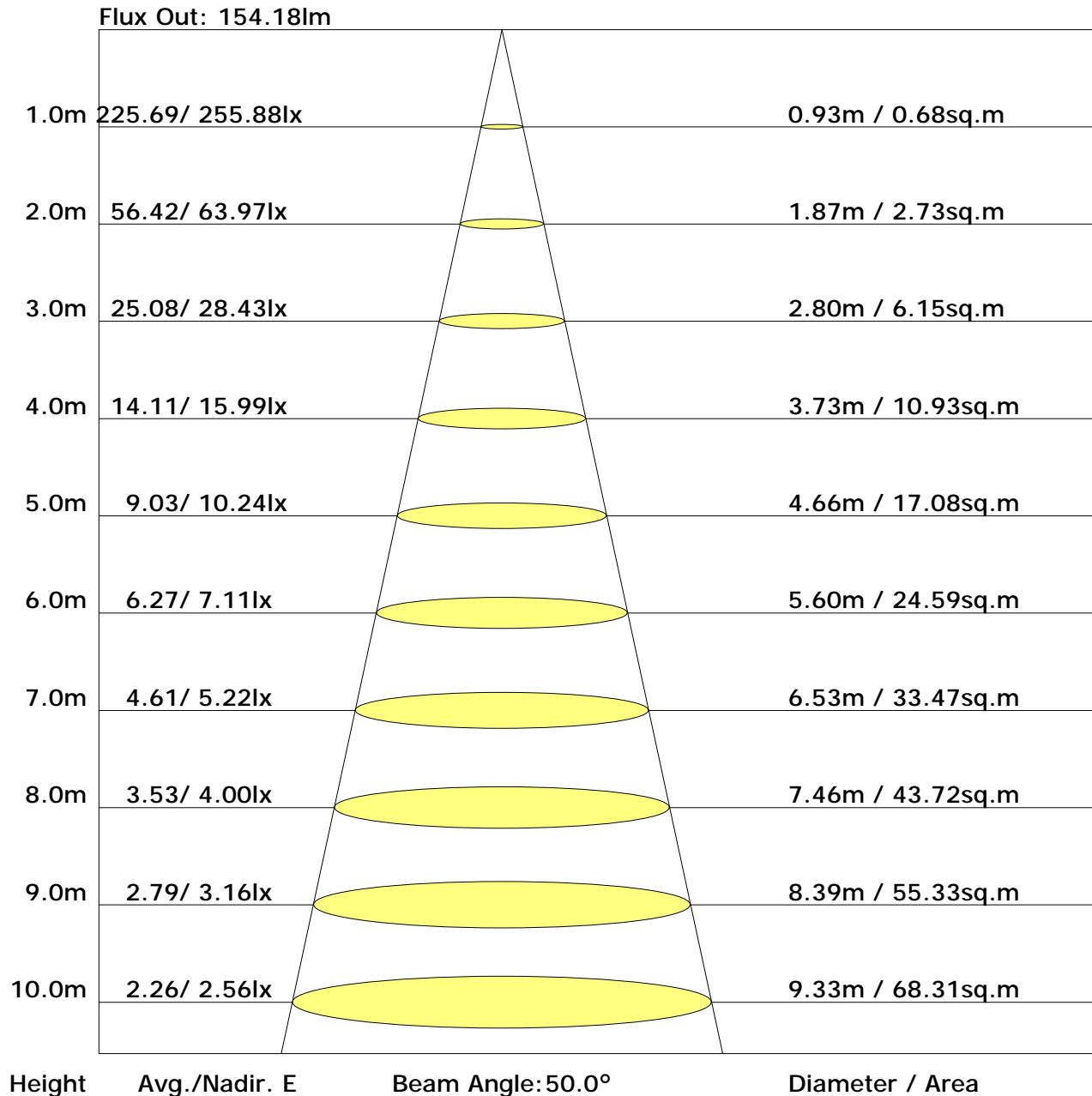
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
	-70	0.0	0.0	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	2.0	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	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	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	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	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	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	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
	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	0.0	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	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	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	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	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	0.0	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
	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
	Flux(T)	0.0	0.5	2.0	5.1	10.6	19.3	30.9	43.9	58.1	69.9	71.8	56.7	34.8	17.7	7.9	3.2	0.9	0.1	434		
	Flux(E)	0.0	0.0	0.0	0.0	6.1	15.9	27.8	41.0	55.2	66.9	68.9	53.8	32.0	14.7	3.9	0.0	0.0	0.0	0.0		386

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	15.8	17.0	16.2	17.4	17.8	15.1	16.3	15.5	16.7	17.1
3H	16.7	17.8	17.1	18.2	18.6	15.8	16.9	16.2	17.3	17.7
4H	17.0	18.0	17.4	18.4	18.8	16.0	17.0	16.5	17.4	17.9
6H	17.1	18.0	17.6	18.5	18.9	16.1	17.1	16.6	17.5	18.0
8H	17.1	18.0	17.6	18.5	18.9	16.2	17.0	16.6	17.5	18.0
12H	17.1	18.0	17.6	18.4	18.9	16.2	17.0	16.7	17.4	17.9
X=4H Y=2H	15.9	16.9	16.3	17.3	17.7	15.4	16.4	15.9	16.9	17.3
3H	16.9	17.8	17.4	18.2	18.7	16.3	17.1	16.8	17.6	18.1
4H	17.3	18.0	17.8	18.5	19.0	16.6	17.3	17.1	17.8	18.3
6H	17.5	18.1	18.0	18.6	19.2	16.8	17.4	17.3	17.9	18.5
8H	17.5	18.1	18.1	18.6	19.2	16.8	17.4	17.3	17.9	18.5
12H	17.5	18.1	18.1	18.6	19.2	16.9	17.4	17.4	17.9	18.5
X=8H Y=4H	17.3	17.8	17.8	18.4	18.9	16.7	17.3	17.2	17.8	18.3
6H	17.5	18.0	18.1	18.6	19.1	16.9	17.4	17.5	18.0	18.5
8H	17.6	18.0	18.2	18.6	19.2	17.0	17.5	17.6	18.0	18.6
12H	17.7	18.0	18.2	18.6	19.2	17.1	17.5	17.7	18.1	18.7
X=12H Y=4H	17.2	17.7	17.8	18.3	18.8	16.7	17.2	17.2	17.7	18.3
6H	17.5	17.9	18.1	18.5	19.1	17.0	17.4	17.5	17.9	18.5
8H	17.6	18.0	18.2	18.5	19.2	17.1	17.5	17.6	18.0	18.6

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 = 1.00								
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	0.90	0.95	0.99	1.01	1.05	1.07
	0.30		0.64	0.74	0.80	0.84	0.91	0.95	0.98	1.02	1.04
	0.20		0.60	0.69	0.76	0.80	0.87	0.92	0.95	0.99	1.02
0.50	0.50	0.20	0.69	0.77	0.83	0.87	0.92	0.95	0.97	1.00	1.02
	0.30		0.63	0.72	0.78	0.82	0.88	0.92	0.94	0.98	1.00
	0.20		0.59	0.69	0.75	0.79	0.85	0.89	0.92	0.96	0.98
0.30	0.50	0.20	0.67	0.75	0.81	0.84	0.89	0.92	0.94	0.96	0.98
	0.30		0.63	0.71	0.77	0.80	0.86	0.89	0.91	0.94	0.96
	0.20		0.59	0.68	0.73	0.77	0.83	0.87	0.89	0.93	0.95
0.00	0.00	0.00	0.57	0.65	0.70	0.74	0.79	0.83	0.85	0.88	0.89
Rating:9W 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	0.77	0.62	0.52	0.45	0.35	0.29	0.25	0.19	0.15	
	0.30		0.64	0.53	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
	0.20		0.55	0.46	0.40	0.36	0.29	0.25	0.21	0.17	0.14	
0.50	0.50	0.20	0.74	0.59	0.49	0.42	0.33	0.31	0.23	0.18	0.14	
	0.30		0.62	0.51	0.43	0.38	0.30	0.25	0.21	0.17	0.14	
	0.20		0.54	0.45	0.39	0.34	0.28	0.23	0.20	0.16	0.13	
0.30	0.50	0.20	0.70	0.55	0.46	0.40	0.31	0.25	0.21	0.16	0.13	
	0.30		0.60	0.49	0.41	0.36	0.28	0.24	0.20	0.16	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	0.40	0.32	0.27	0.23	0.18	0.15	0.13	0.10	0.08	
Rating: 9W 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	0.17	0.19	0.20	0.20	0.22	0.22	0.23	0.24	0.24	
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20	
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	
	0.30		0.12	0.13	0.15	0.16	0.17	0.19	0.19	0.21	0.21	
	0.20		0.08	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Rating:9W 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	272.5	0.3	0.3	0.06	0.06
1.0-2.0	272.5	0.8	1.0	0.18	0.23
2.0-3.0	272.6	1.3	2.3	0.29	0.53
3.0-4.0	272.6	1.8	4.2	0.41	0.93
4.0-5.0	272.6	2.3	6.5	0.52	1.46
5.0-6.0	272.7	2.9	9.4	0.64	2.10
6.0-7.0	272.7	3.4	12.8	0.76	2.86
7.0-8.0	272.7	3.9	16.7	0.87	3.73
8.0-9.0	272.6	4.4	21.1	0.99	4.72
9.0-10.0	272.5	4.9	26.0	1.10	5.82
10.0-11.0	272.3	5.4	31.5	1.22	7.04
11.0-12.0	272.0	5.9	37.4	1.33	8.37
12.0-13.0	271.6	6.4	43.9	1.44	9.81
13.0-14.0	271.0	6.9	50.8	1.55	11.37
14.0-15.0	270.1	7.4	58.2	1.66	13.02
15.0-16.0	269.0	7.9	66.1	1.76	14.79
16.0-17.0	267.6	8.3	74.4	1.86	16.65
17.0-18.0	265.8	8.8	83.2	1.96	18.61
18.0-19.0	263.6	9.2	92.4	2.05	20.67
19.0-20.0	261.0	9.6	101.9	2.14	22.80
20.0-21.0	257.9	9.9	111.8	2.22	25.02
21.0-22.0	254.3	10.2	122.0	2.29	27.31
22.0-23.0	250.0	10.5	132.5	2.35	29.65
23.0-24.0	245.3	10.7	143.3	2.40	32.05
24.0-25.0	239.9	10.9	154.2	2.44	34.50
25.0-26.0	234.1	11.1	165.2	2.47	36.97
26.0-27.0	227.7	11.1	176.4	2.49	39.46
27.0-28.0	220.8	11.2	187.5	2.50	41.96
28.0-29.0	213.5	11.2	198.7	2.50	44.46
29.0-30.0	205.9	11.1	209.8	2.49	46.95
30.0-31.0	197.8	11.0	220.8	2.46	49.41
31.0-32.0	189.5	10.9	231.7	2.43	51.84
32.0-33.0	181.0	10.7	242.4	2.39	54.23
33.0-34.0	172.3	10.4	252.8	2.33	56.56
34.0-35.0	163.5	10.2	262.9	2.27	58.83
35.0-36.0	154.8	9.9	272.8	2.21	61.04

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	146.1	9.5	282.3	2.13	63.17
37.0-38.0	137.3	9.2	291.5	2.05	65.22
38.0-39.0	128.7	8.8	300.3	1.97	67.19
39.0-40.0	120.7	8.4	308.7	1.88	69.07
40.0-41.0	112.8	8.0	316.7	1.80	70.87
41.0-42.0	105.3	7.7	324.4	1.71	72.58
42.0-43.0	98.2	7.3	331.7	1.63	74.21
43.0-44.0	91.3	6.9	338.6	1.54	75.75
44.0-45.0	84.8	6.5	345.1	1.46	77.21
45.0-46.0	78.9	6.2	351.2	1.38	78.59
46.0-47.0	73.3	5.8	357.1	1.30	79.89
47.0-48.0	68.0	5.5	362.6	1.23	81.12
48.0-49.0	63.2	5.2	367.8	1.16	82.28
49.0-50.0	58.6	4.9	372.7	1.09	83.38
50.0-51.0	54.3	4.6	377.3	1.03	84.41
51.0-52.0	50.3	4.3	381.6	0.97	85.37
52.0-53.0	46.5	4.0	385.6	0.91	86.28
53.0-54.0	42.9	3.8	389.4	0.85	87.12
54.0-55.0	39.6	3.5	392.9	0.79	87.92
55.0-56.0	36.6	3.3	396.2	0.74	88.66
56.0-57.0	33.7	3.1	399.3	0.69	89.34
57.0-58.0	31.0	2.9	402.2	0.64	89.98
58.0-59.0	28.5	2.7	404.8	0.60	90.58
59.0-60.0	26.2	2.5	407.3	0.55	91.13
60.0-61.0	24.0	2.3	409.6	0.51	91.65
61.0-62.0	22.0	2.1	411.7	0.47	92.12
62.0-63.0	20.2	2.0	413.7	0.44	92.56
63.0-64.0	18.6	1.8	415.5	0.41	92.97
64.0-65.0	17.1	1.7	417.2	0.38	93.35
65.0-66.0	15.7	1.6	418.8	0.35	93.70
66.0-67.0	14.4	1.5	420.2	0.32	94.02
67.0-68.0	13.2	1.3	421.6	0.30	94.32
68.0-69.0	12.1	1.2	422.8	0.28	94.60
69.0-70.0	11.1	1.1	423.9	0.26	94.85
70.0-71.0	10.2	1.1	425.0	0.24	95.09
71.0-72.0	9.3	1.0	426.0	0.22	95.31

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 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	8.4	0.9	426.8	0.20	95.50
73.0-74.0	7.6	0.8	427.6	0.18	95.68
74.0-75.0	6.9	0.7	428.4	0.16	95.84
75.0-76.0	6.2	0.7	429.0	0.15	95.99
76.0-77.0	5.6	0.6	429.6	0.13	96.12
77.0-78.0	5.0	0.5	430.2	0.12	96.25
78.0-79.0	4.5	0.5	430.6	0.11	96.35
79.0-80.0	4.0	0.4	431.1	0.10	96.45
80.0-81.0	3.5	0.4	431.5	0.09	96.53
81.0-82.0	3.2	0.3	431.8	0.08	96.61
82.0-83.0	2.8	0.3	432.1	0.07	96.68
83.0-84.0	2.5	0.3	432.4	0.06	96.74
84.0-85.0	2.2	0.2	432.6	0.05	96.79
85.0-86.0	2.0	0.2	432.8	0.05	96.84
86.0-87.0	1.9	0.2	433.1	0.05	96.89
87.0-88.0	1.8	0.2	433.3	0.04	96.94
88.0-89.0	1.8	0.2	433.4	0.04	96.98
89.0-90.0	1.7	0.2	433.6	0.04	97.02
90.0-91.0	1.7	0.2	433.8	0.04	97.06
91.0-92.0	1.7	0.2	434.0	0.04	97.10
92.0-93.0	1.7	0.2	434.2	0.04	97.14
93.0-94.0	1.7	0.2	434.4	0.04	97.18
94.0-95.0	1.7	0.2	434.5	0.04	97.23
95.0-96.0	1.7	0.2	434.7	0.04	97.27
96.0-97.0	1.7	0.2	434.9	0.04	97.31
97.0-98.0	1.6	0.2	435.1	0.04	97.35
98.0-99.0	1.6	0.2	435.3	0.04	97.38
99.0-100.0	1.6	0.2	435.4	0.04	97.42
100.0-101.0	1.6	0.2	435.6	0.04	97.46
101.0-102.0	1.6	0.2	435.8	0.04	97.50
102.0-103.0	1.6	0.2	436.0	0.04	97.54
103.0-104.0	1.6	0.2	436.1	0.04	97.58
104.0-105.0	1.6	0.2	436.3	0.04	97.62
105.0-106.0	1.6	0.2	436.5	0.04	97.66
106.0-107.0	1.6	0.2	436.6	0.04	97.70
107.0-108.0	1.7	0.2	436.8	0.04	97.73

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	1.7	0.2	437.0	0.04	97.77
109.0-110.0	1.7	0.2	437.2	0.04	97.81
110.0-111.0	1.7	0.2	437.3	0.04	97.85
111.0-112.0	1.7	0.2	437.5	0.04	97.89
112.0-113.0	1.8	0.2	437.7	0.04	97.93
113.0-114.0	1.8	0.2	437.9	0.04	97.97
114.0-115.0	1.8	0.2	438.1	0.04	98.01
115.0-116.0	1.8	0.2	438.2	0.04	98.05
116.0-117.0	1.8	0.2	438.4	0.04	98.09
117.0-118.0	1.9	0.2	438.6	0.04	98.13
118.0-119.0	1.9	0.2	438.8	0.04	98.17
119.0-120.0	1.9	0.2	439.0	0.04	98.22
120.0-121.0	2.0	0.2	439.2	0.04	98.26
121.0-122.0	2.0	0.2	439.3	0.04	98.30
122.0-123.0	2.0	0.2	439.5	0.04	98.34
123.0-124.0	2.0	0.2	439.7	0.04	98.38
124.0-125.0	2.0	0.2	439.9	0.04	98.42
125.0-126.0	2.1	0.2	440.1	0.04	98.46
126.0-127.0	2.1	0.2	440.3	0.04	98.51
127.0-128.0	2.2	0.2	440.5	0.04	98.55
128.0-129.0	2.2	0.2	440.6	0.04	98.59
129.0-130.0	2.2	0.2	440.8	0.04	98.63
130.0-131.0	2.2	0.2	441.0	0.04	98.67
131.0-132.0	2.3	0.2	441.2	0.04	98.72
132.0-133.0	2.3	0.2	441.4	0.04	98.76
133.0-134.0	2.3	0.2	441.6	0.04	98.80
134.0-135.0	2.4	0.2	441.8	0.04	98.84
135.0-136.0	2.4	0.2	442.0	0.04	98.88
136.0-137.0	2.4	0.2	442.1	0.04	98.92
137.0-138.0	2.5	0.2	442.3	0.04	98.97
138.0-139.0	2.5	0.2	442.5	0.04	99.01
139.0-140.0	2.5	0.2	442.7	0.04	99.05
140.0-141.0	2.6	0.2	442.9	0.04	99.09
141.0-142.0	2.6	0.2	443.0	0.04	99.13
142.0-143.0	2.6	0.2	443.2	0.04	99.16
143.0-144.0	2.6	0.2	443.4	0.04	99.20

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	2.7	0.2	443.6	0.04	99.24
145.0-146.0	2.7	0.2	443.7	0.04	99.28
146.0-147.0	2.7	0.2	443.9	0.04	99.32
147.0-148.0	2.8	0.2	444.1	0.04	99.35
148.0-149.0	2.8	0.2	444.2	0.04	99.39
149.0-150.0	2.8	0.2	444.4	0.04	99.42
150.0-151.0	2.8	0.2	444.5	0.03	99.46
151.0-152.0	2.9	0.1	444.7	0.03	99.49
152.0-153.0	2.9	0.1	444.8	0.03	99.52
153.0-154.0	2.9	0.1	445.0	0.03	99.56
154.0-155.0	2.9	0.1	445.1	0.03	99.59
155.0-156.0	3.0	0.1	445.2	0.03	99.62
156.0-157.0	3.0	0.1	445.4	0.03	99.65
157.0-158.0	3.0	0.1	445.5	0.03	99.67
158.0-159.0	3.0	0.1	445.6	0.03	99.70
159.0-160.0	3.1	0.1	445.7	0.03	99.73
160.0-161.0	3.1	0.1	445.8	0.03	99.75
161.0-162.0	3.1	0.1	445.9	0.02	99.78
162.0-163.0	3.1	0.1	446.1	0.02	99.80
163.0-164.0	3.1	0.1	446.2	0.02	99.82
164.0-165.0	3.2	0.1	446.2	0.02	99.84
165.0-166.0	3.2	0.1	446.3	0.02	99.86
166.0-167.0	3.2	0.1	446.4	0.02	99.88
167.0-168.0	3.2	0.1	446.5	0.02	99.90
168.0-169.0	3.3	0.1	446.6	0.02	99.91
169.0-170.0	3.3	0.1	446.6	0.01	99.93
170.0-171.0	3.3	0.1	446.7	0.01	99.94
171.0-172.0	3.3	0.1	446.7	0.01	99.95
172.0-173.0	3.3	0.0	446.8	0.01	99.96
173.0-174.0	3.4	0.0	446.8	0.01	99.97
174.0-175.0	3.4	0.0	446.9	0.01	99.98
175.0-176.0	3.4	0.0	446.9	0.01	99.99
176.0-177.0	3.4	0.0	446.9	0.01	99.99
177.0-178.0	3.4	0.0	446.9	0.00	100.00
178.0-179.0	3.4	0.0	446.9	0.00	100.00
179.0-180.0	3.4	0.0	446.9	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: