

Report No.:

Test Time: 2023/3/1 16:04

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4065-RED ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 119.6 V

Current: 0.128 A

Power: 6.93 W

Power Factor: 0.452

Photometric Results

CIE Class: Direct

Measurement Flux: 243.5 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H121.2,H68.6

Vertical Diffuse Angle(10%,50%): V103.9,V65.6

Luminaire Efficacy Rating (LER): 35

Max. Intensity: 241.81 cd

Total Rated Lamp Lumens: 243.5 lm

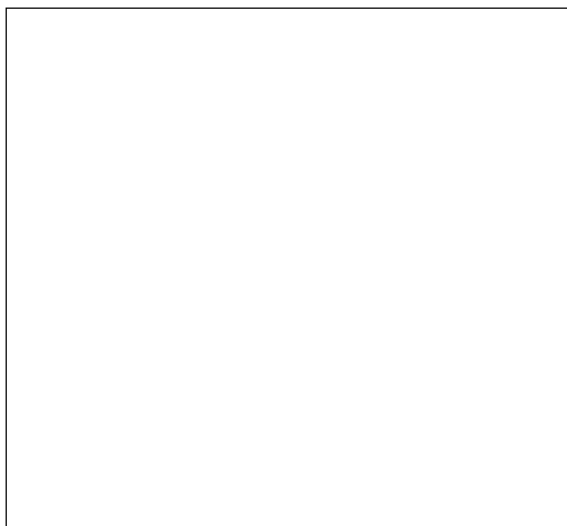
Efficiency: 100%

Upward Ratio: 2%

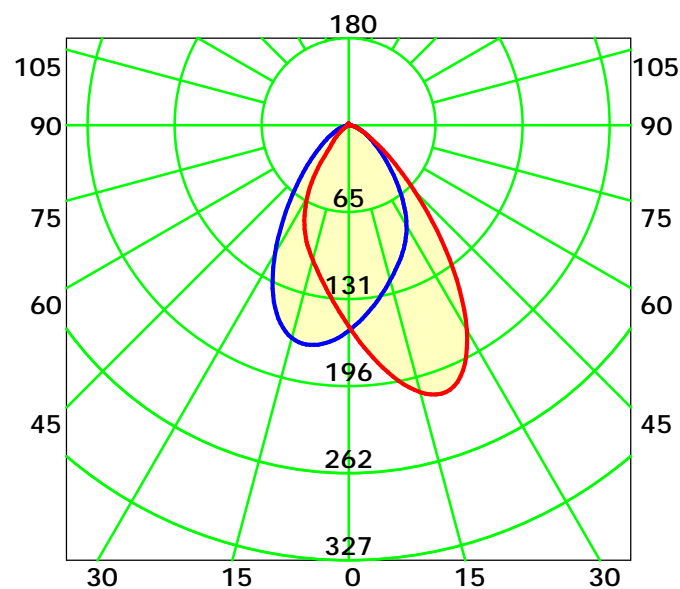
Central Intensity: 154.75 cd

Pos of Max. Intensity: H120 V21

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 67.1° 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

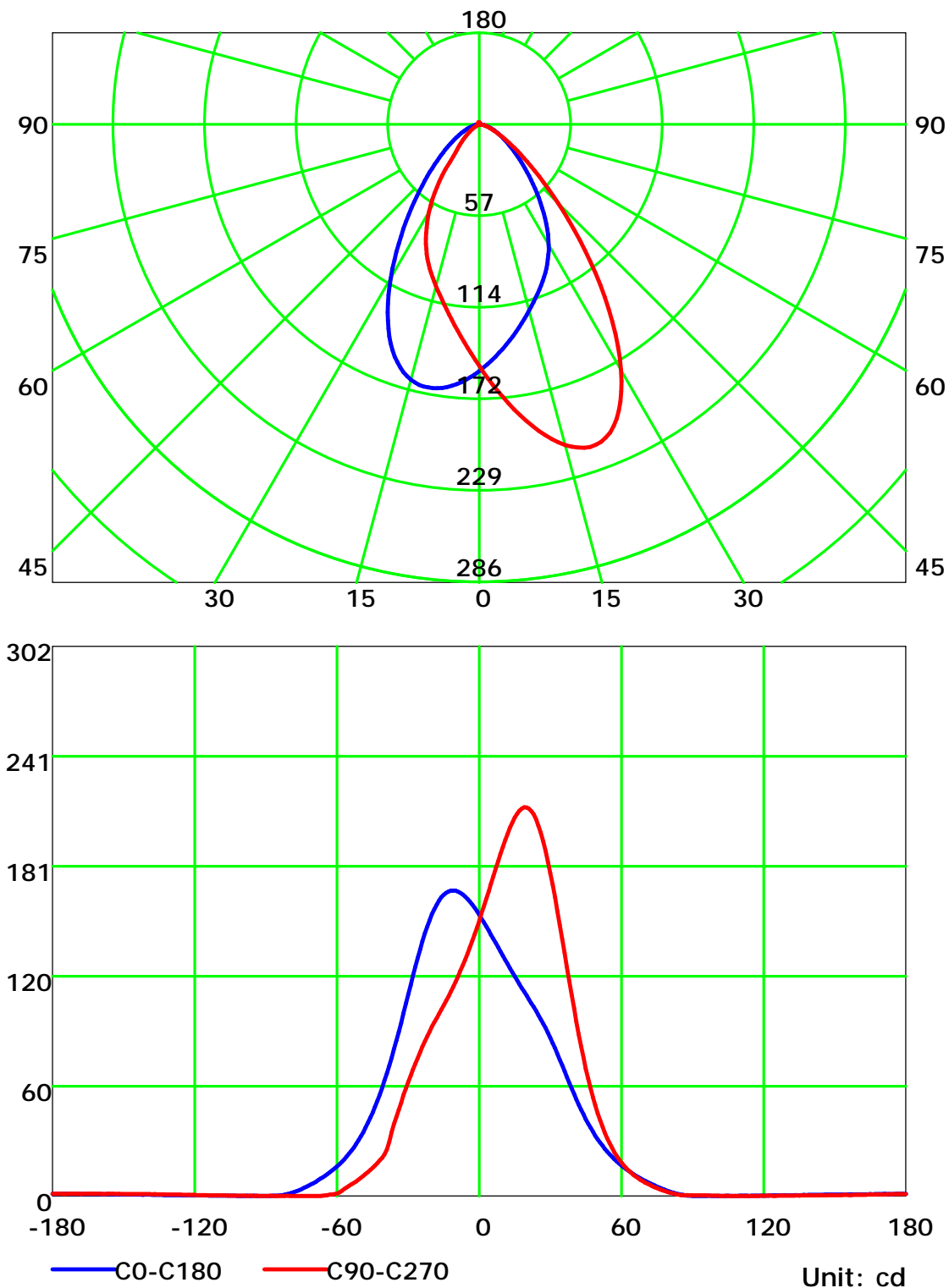
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

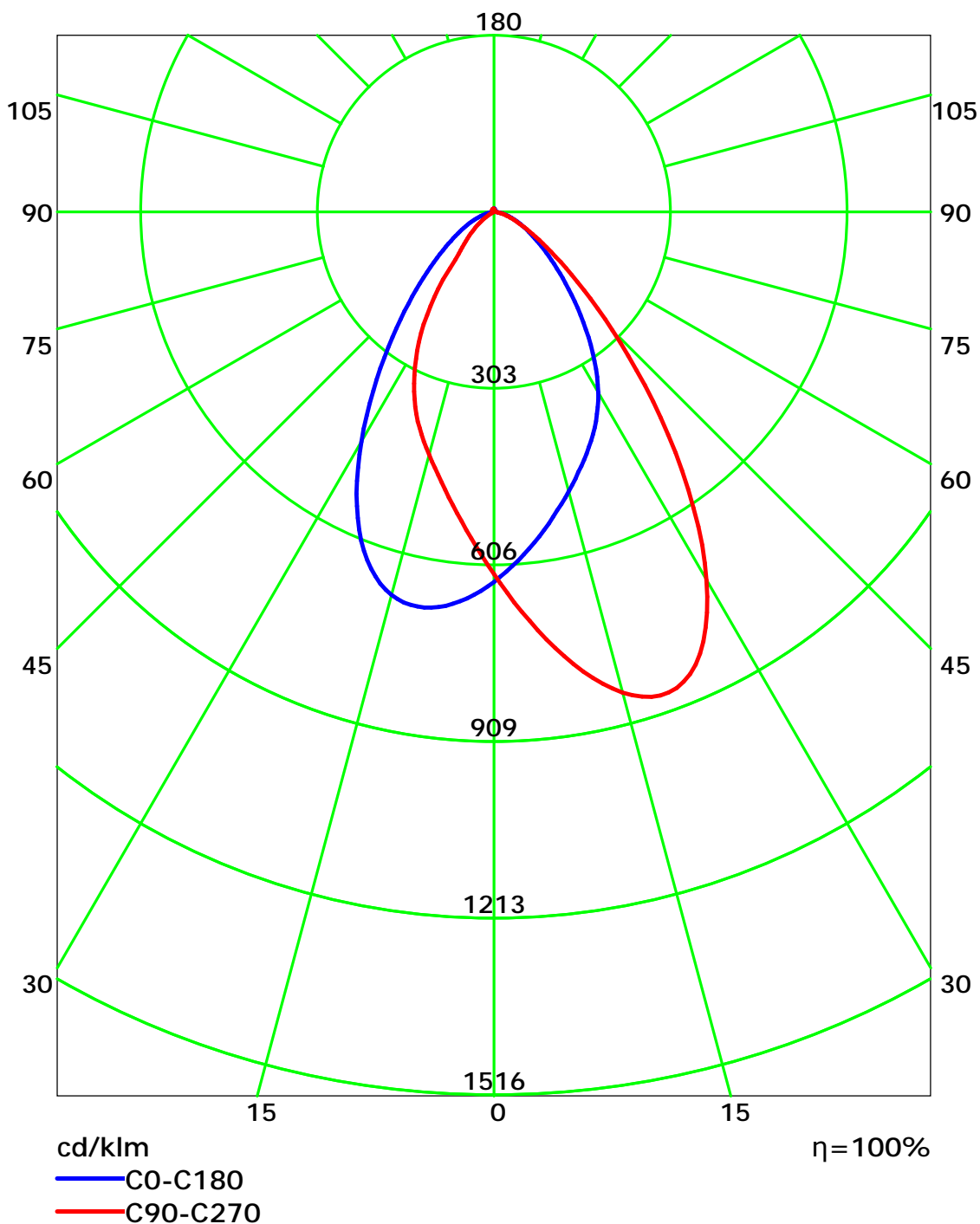
Luminous Intensity Distribution Curve



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:

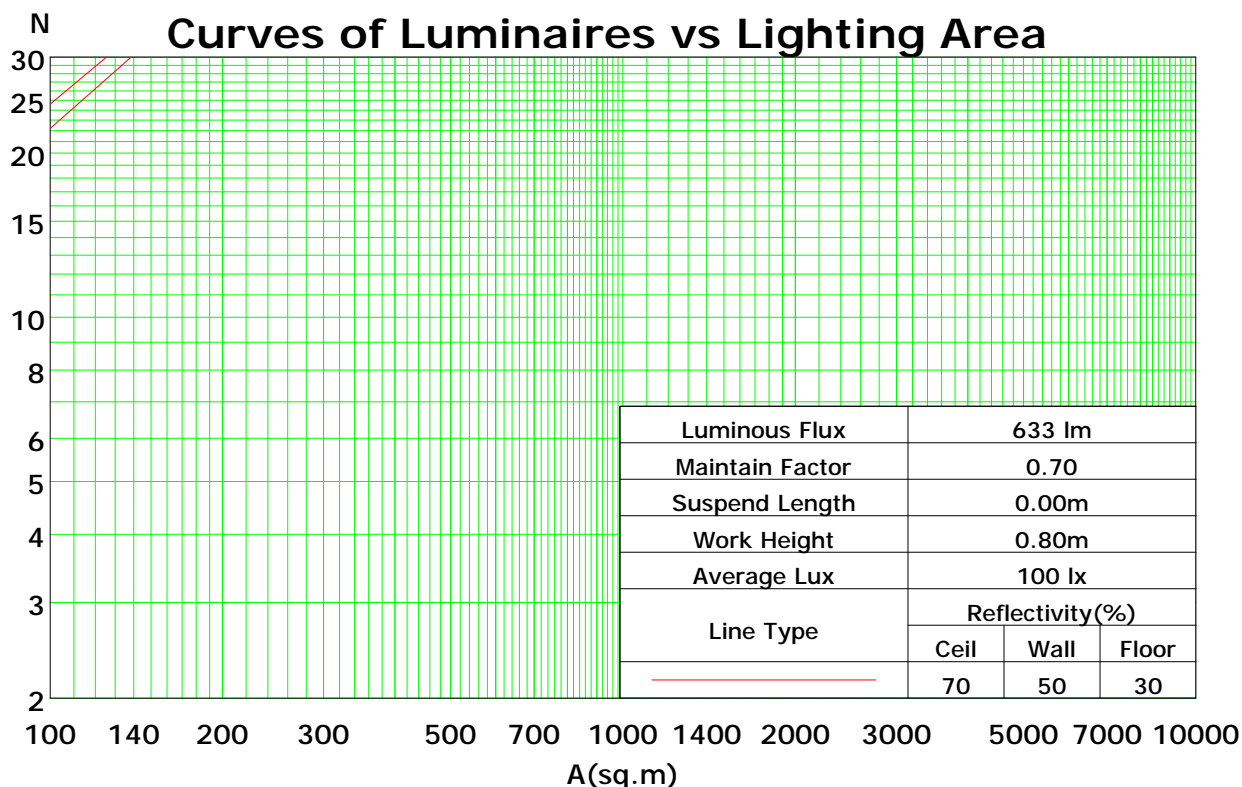
Coefficients Of Utilization - Zonal Cavity Method

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	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



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

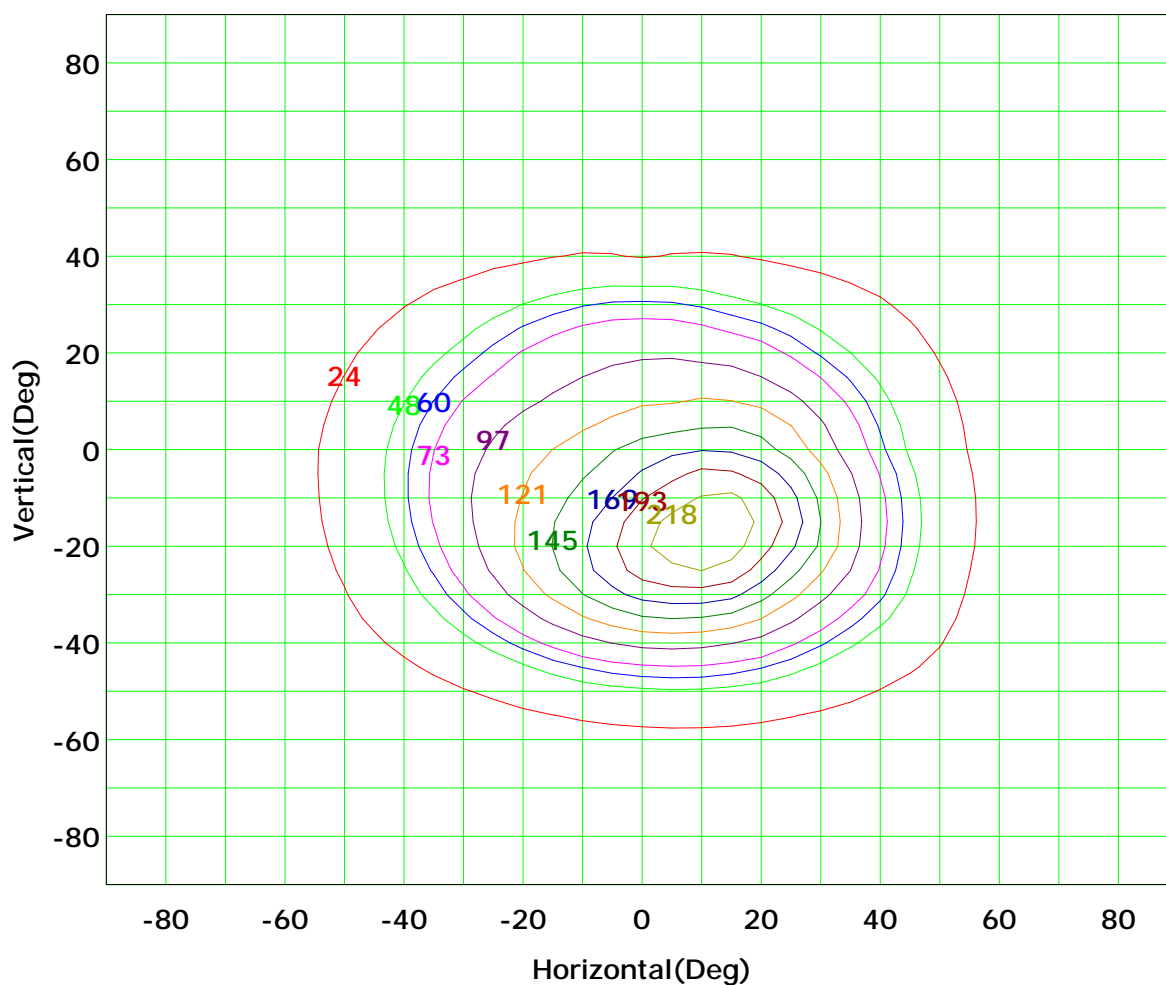
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



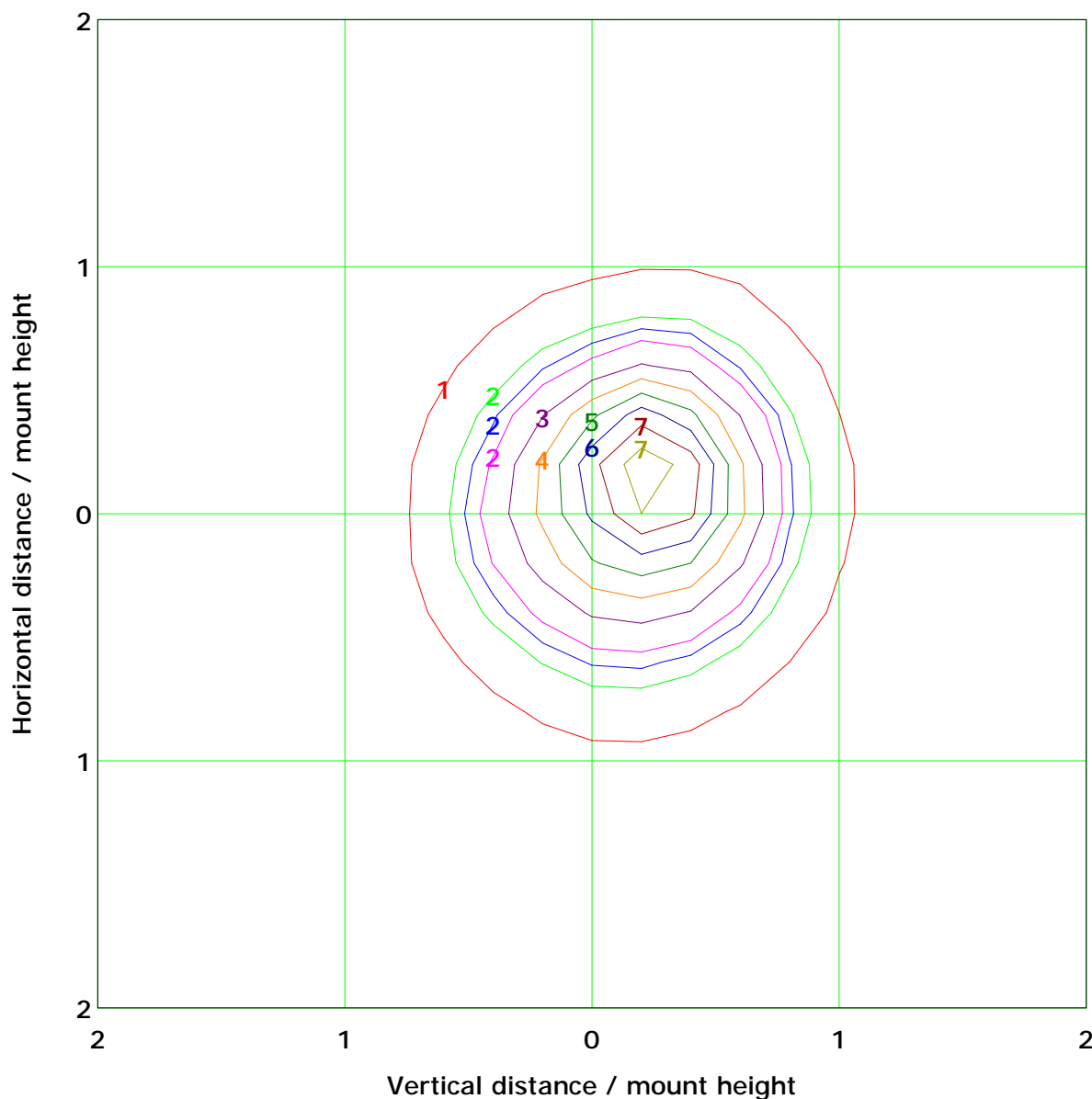
I_{max} (100%): 242 cd

(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

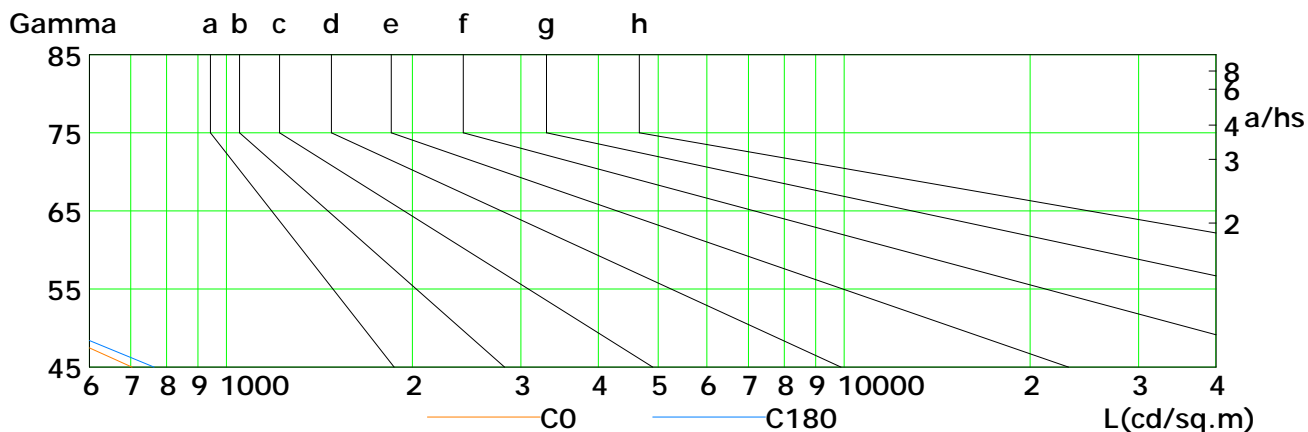
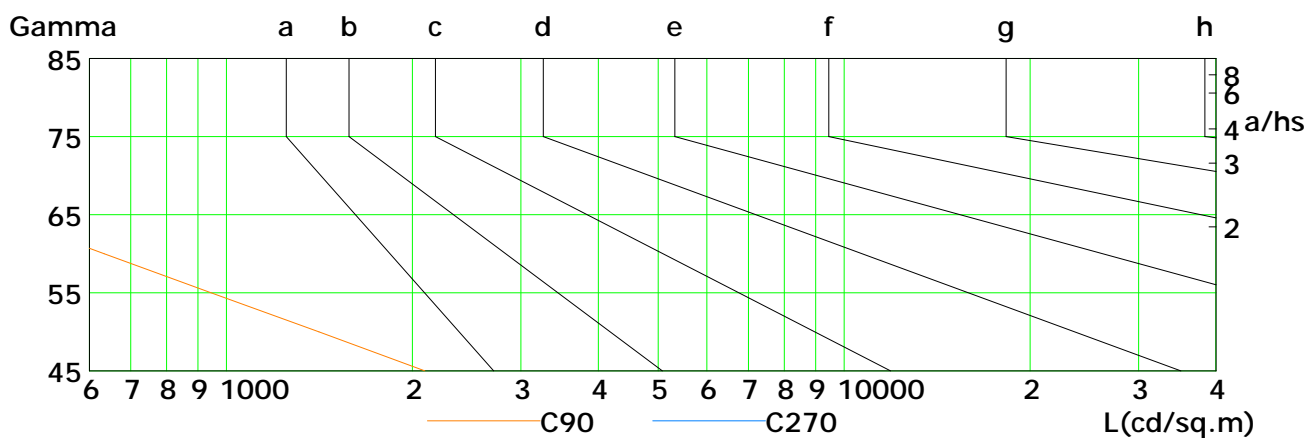
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

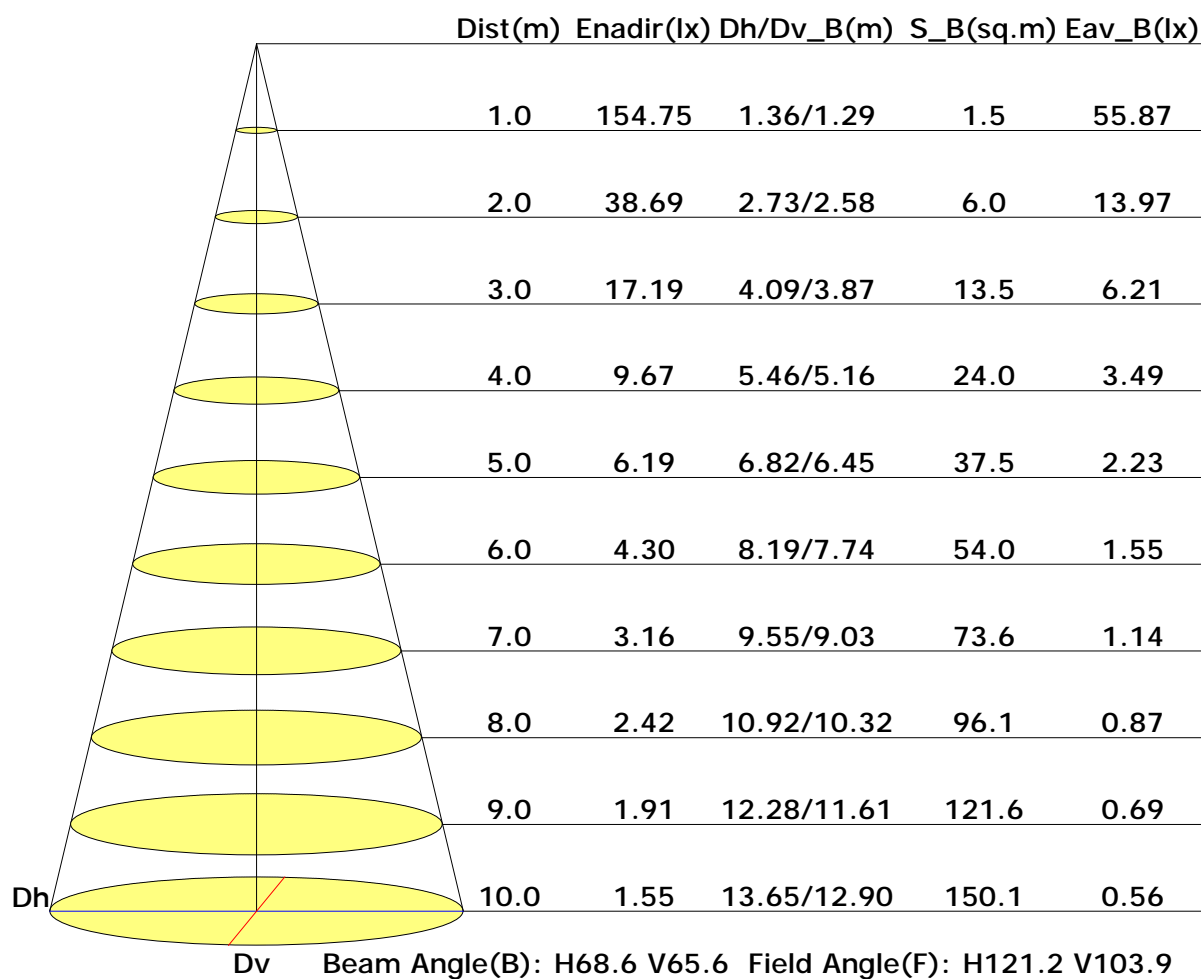


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	703	511	372	272	198	139	89	48	17
C90	2096	1412	945	634	432	294	192	103	40
C180	764	536	377	265	184	119	66	27	7
C270	470	315	184	54	16	10	10	10	10

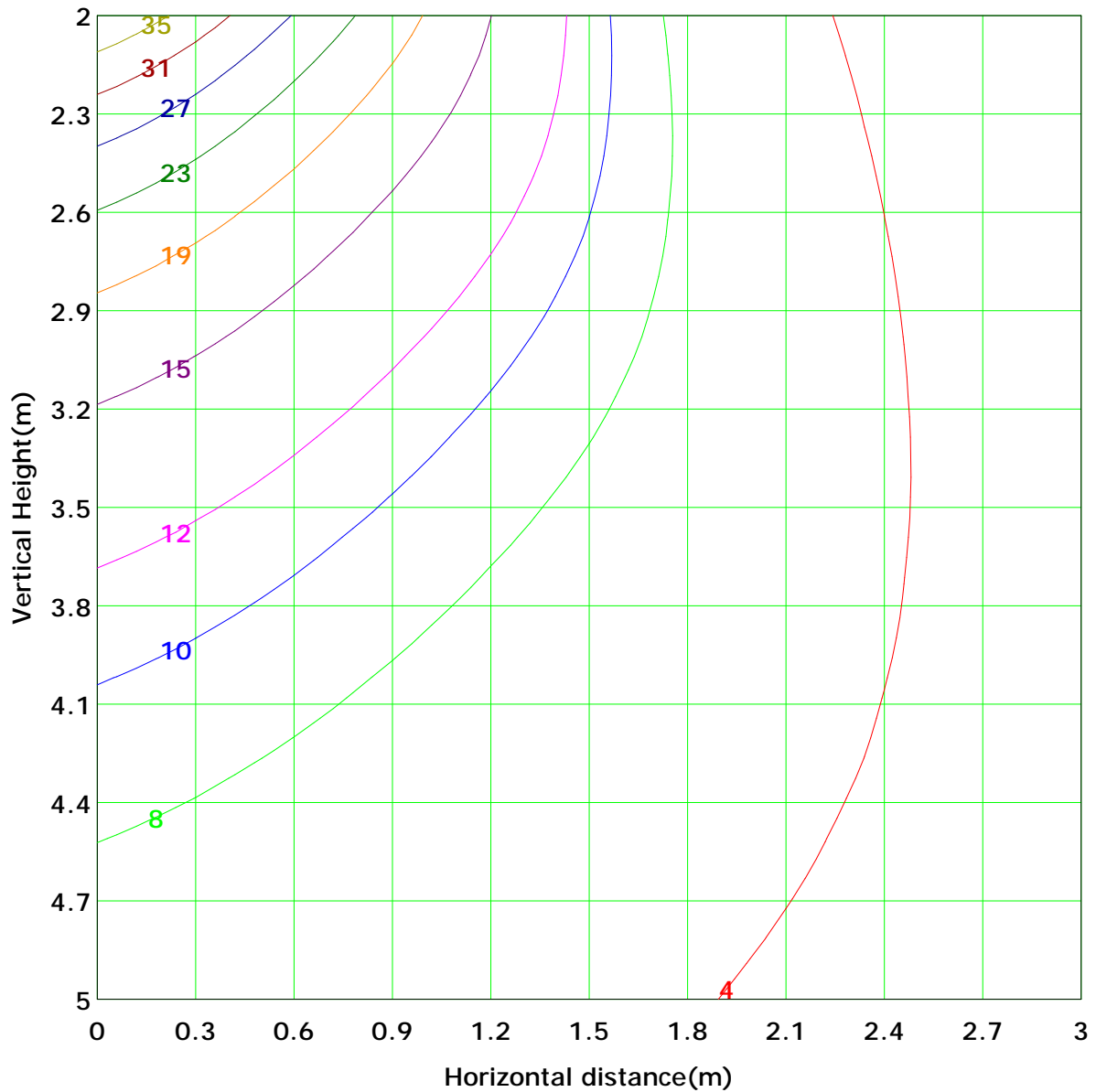
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

Illuminance at a Distance



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

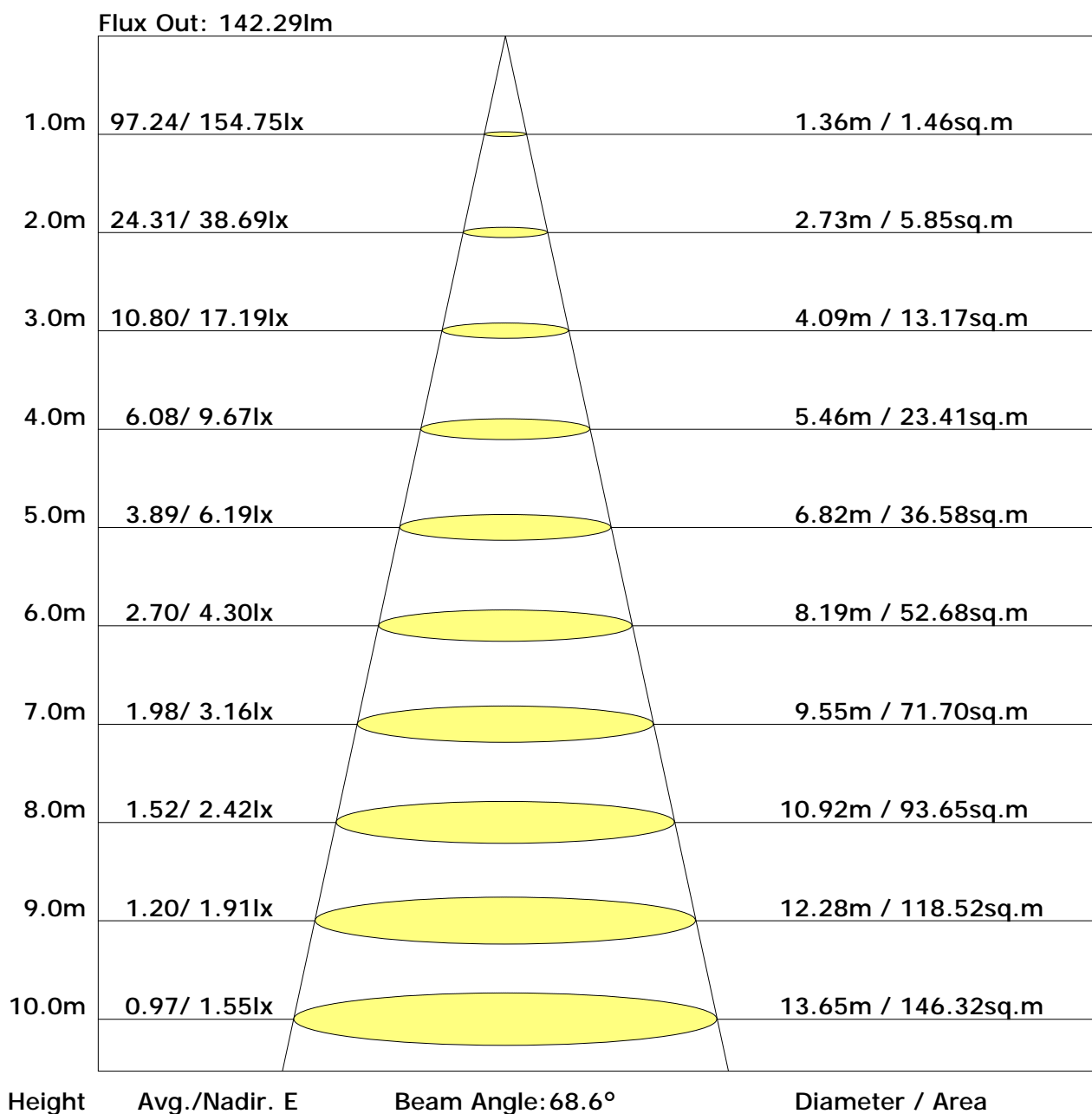
Unit: lm

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	0.3	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	1.3	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	1.3
	-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	6.8
	-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	15.1
	-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	26.2
	-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	35.4
	-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	37.1
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0
	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	26.2
	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	18.5
	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	10.9
	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	4.9
	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	0.6
	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	0.3	1.3	3.7	8.4	16.6	27.6	36.8	38.5	34.4	27.6	20.0	12.6	6.7	3.2	1.3	0.4	0.0	0.0	240	
	Flux(E)	0.0	0.0	0.0	1.3	6.8	15.1	26.2	35.4	37.1	33.0	26.2	18.5	10.9	4.9	0.6	0.0	0.0	0.0	0.0		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



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	13.4	12.2	13.4	12.5	13.7	14.1
3H	12.4	13.5	12.8	13.9	14.3	12.6	13.7	13.0	14.0	14.5
4H	12.7	13.7	13.1	14.1	14.5	12.7	13.7	13.1	14.1	14.5
6H	12.8	13.7	13.2	14.1	14.5	12.6	13.6	13.1	14.0	14.4
8H	12.8	13.7	13.2	14.1	14.5	12.6	13.5	13.1	13.9	14.4
12H	12.8	13.6	13.2	14.0	14.5	12.6	13.4	13.0	13.8	14.3
X=4H Y=2H	11.5	12.5	11.9	12.9	13.3	12.4	13.4	12.8	13.8	14.2
3H	12.5	13.3	12.9	13.7	14.2	12.9	13.8	13.4	14.2	14.6
4H	12.8	13.5	13.2	14.0	14.4	13.0	13.8	13.5	14.2	14.7
6H	12.9	13.6	13.4	14.0	14.5	13.1	13.7	13.5	14.2	14.7
8H	12.9	13.5	13.4	14.0	14.5	13.0	13.6	13.5	14.1	14.6
12H	12.9	13.4	13.4	13.9	14.5	13.0	13.5	13.5	14.0	14.5
X=8H Y=4H	12.7	13.3	13.2	13.8	14.3	13.0	13.6	13.5	14.1	14.6
6H	12.8	13.3	13.4	13.8	14.4	13.1	13.6	13.6	14.1	14.6
8H	12.9	13.3	13.4	13.8	14.4	13.0	13.5	13.6	14.0	14.5
12H	12.9	13.2	13.4	13.8	14.4	13.0	13.4	13.5	13.9	14.5
X=12H Y=4H	12.6	13.2	13.1	13.7	14.2	13.0	13.5	13.5	14.0	14.6
6H	12.8	13.2	13.3	13.7	14.3	13.0	13.5	13.6	14.0	14.5
8H	12.8	13.2	13.4	13.7	14.3	13.0	13.4	13.6	13.9	14.5

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											

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												

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											

Zonal Lumen

Gamma [°]	I _{mean} [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 [°]	I _{mean} [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 [°]	I _{mean} [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 [°]	I _{mean} [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 [°]	I _{mean} [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: