

Report No.:

Test Time: 2023/4/20 16:52

Luminaire Property

Luminaire Manufacturer: ACOLYTE
Luminaire Category: RIBBONLYTE
Lamp Catalog: 2700k
Luminous Width (mm): 20.5
Voltage: 24.0 V
Power: 6.20 W

Luminaire Description: RB90SWX675.82730
Luminous Length (mm): 320
Luminous Height (mm): 14
Current: 0.258 A
Power Factor: 1.000

Photometric Results

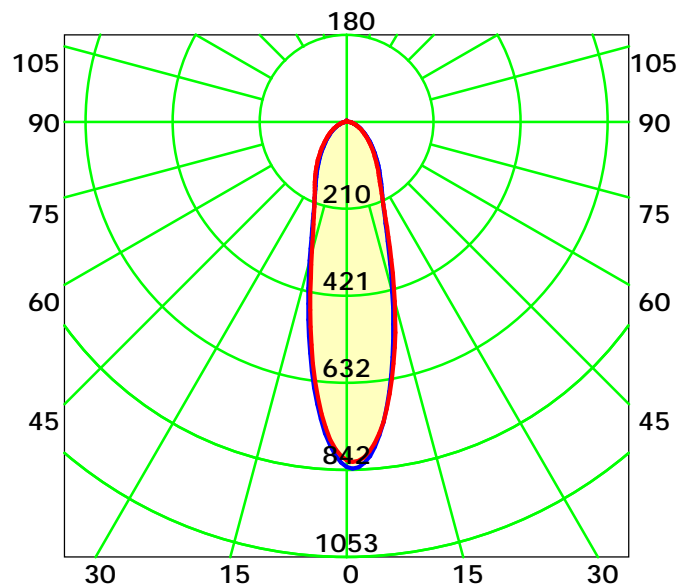
CIE Class: Direct
Measurement Flux: 524.8 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%): H89.6,H28.1
Vertical Diffuse Angle(10%,50%): V90.7,V28.5
Luminaire Efficacy Rating (LER): 85
Max. Intensity: 839.42 cd

Total Rated Lamp Lumens: 524.8 lm
Efficiency: 100%
Upward Ratio: 2%
Central Intensity: 835.15 cd
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 28.3° Unit: cd

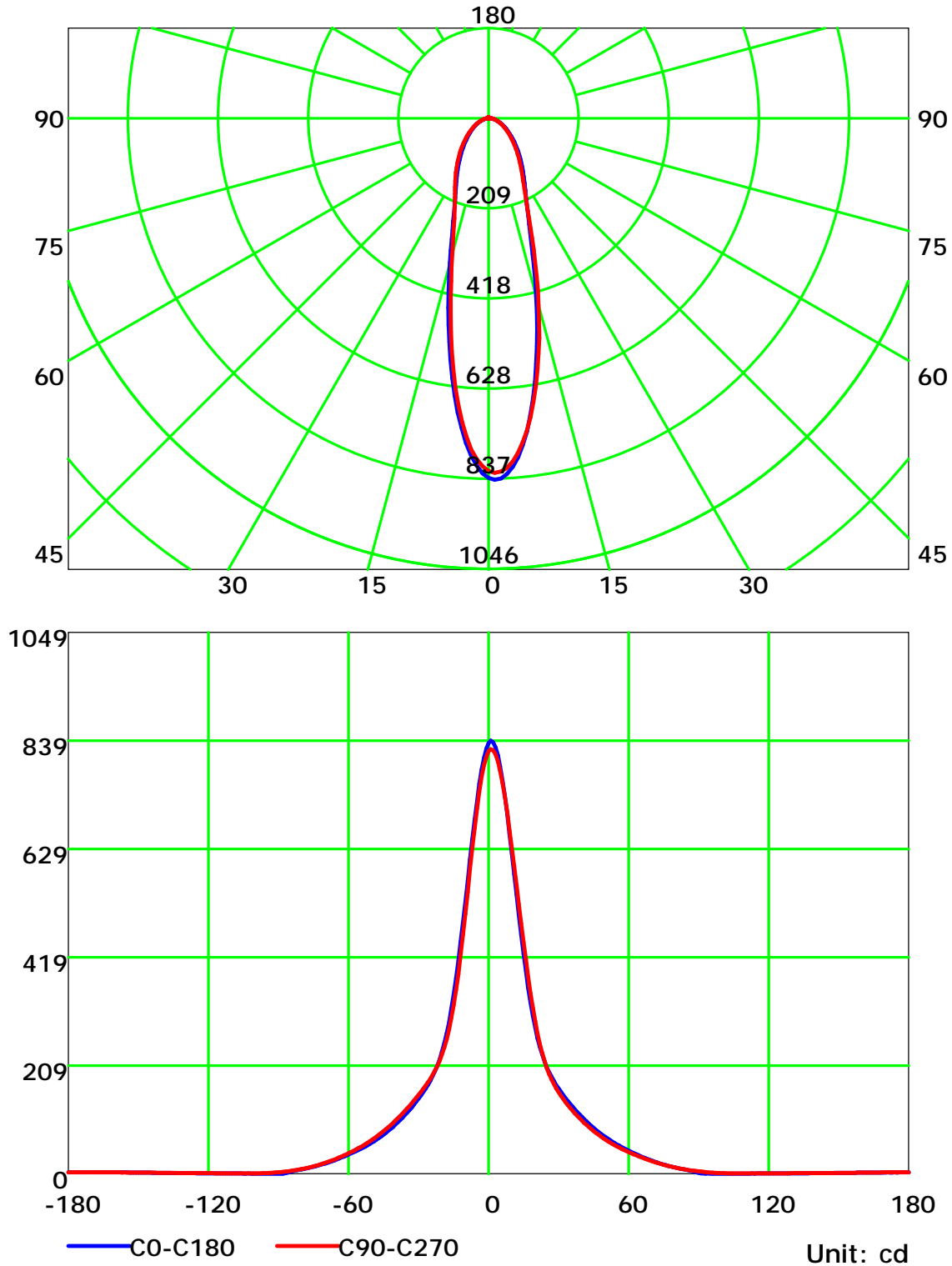
— C0-C180 — C90-C270

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

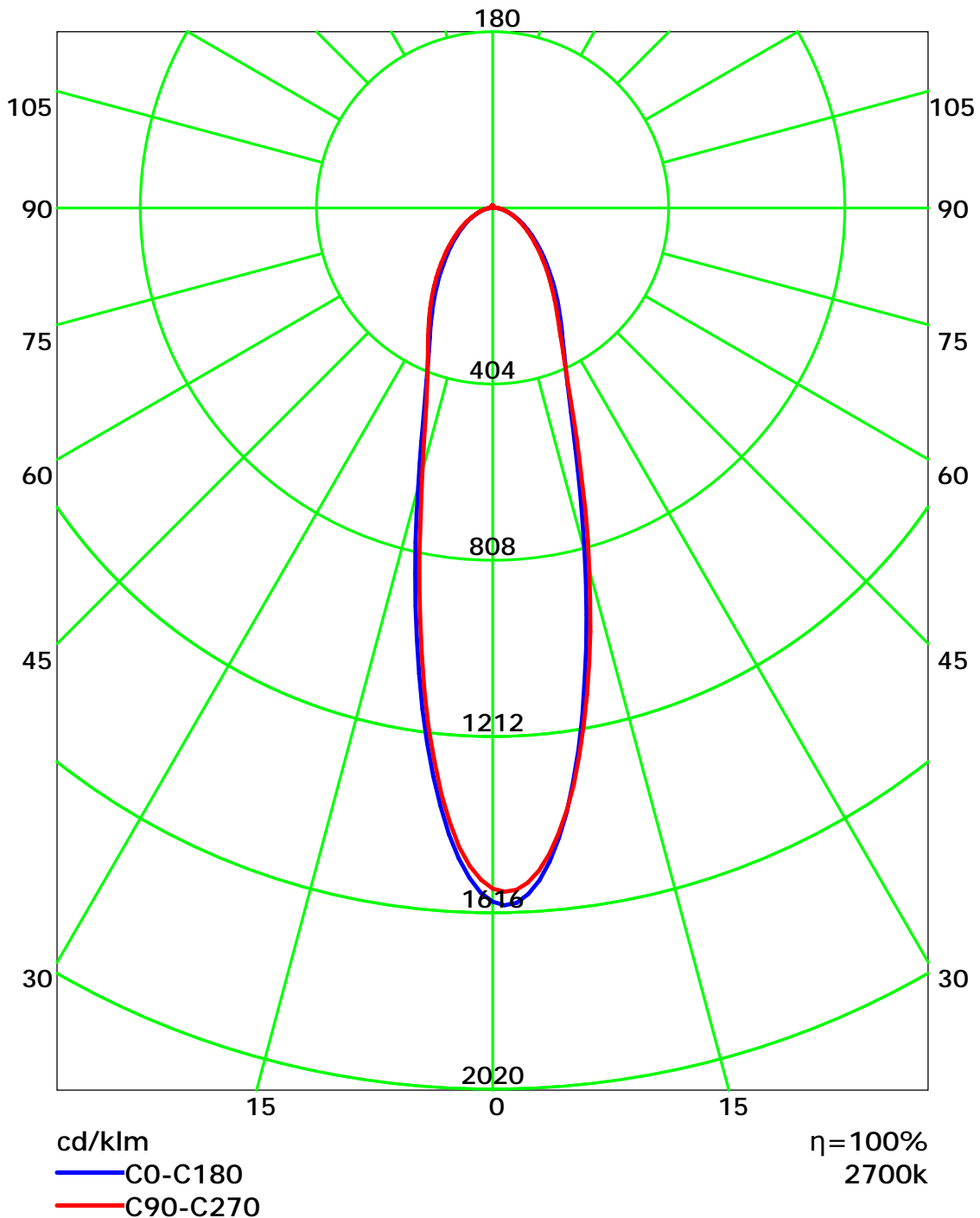


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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:

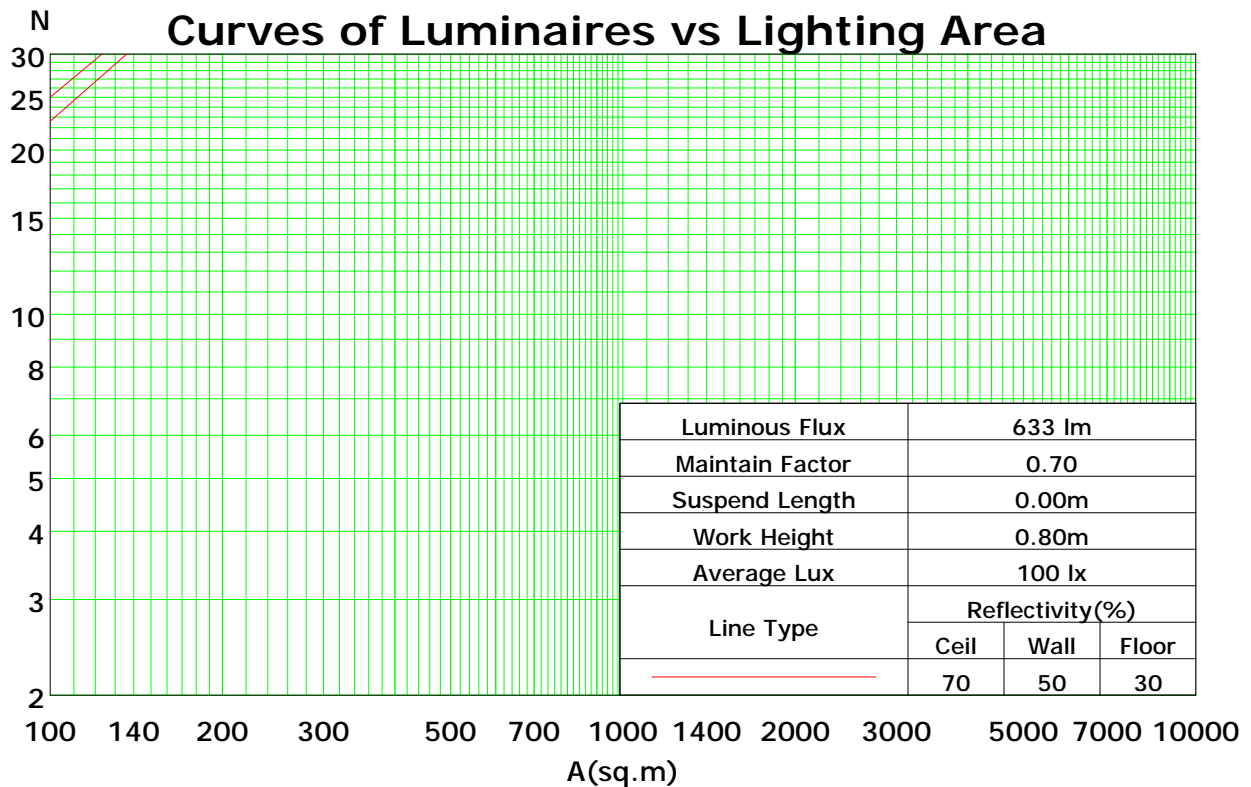
Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	111	107	103	100	108	104	101	98	100	97	95	95	93	92	92	90	89	86
2	103	96	91	87	100	94	90	85	91	87	83	87	84	81	84	81	79	77
3	96	88	81	76	94	86	80	75	83	78	74	80	76	72	77	74	71	69
4	90	80	73	68	88	79	73	68	76	71	66	74	69	65	72	68	64	62
5	85	74	67	62	83	73	66	61	71	65	60	69	64	60	67	62	59	57
6	80	69	62	56	78	68	61	56	66	60	56	64	59	55	63	58	54	53
7	75	64	57	52	74	63	57	52	62	56	51	60	55	51	59	54	50	49
8	71	60	53	48	70	59	53	48	58	52	48	57	51	47	56	51	47	46
9	68	57	50	45	66	56	50	45	55	49	45	54	48	45	53	48	44	43
10	64	53	47	43	63	53	47	42	52	46	42	51	46	42	50	45	42	40

Spacing Criteria (0-180): 0.47

Spacing Criteria (90-270): 0.47

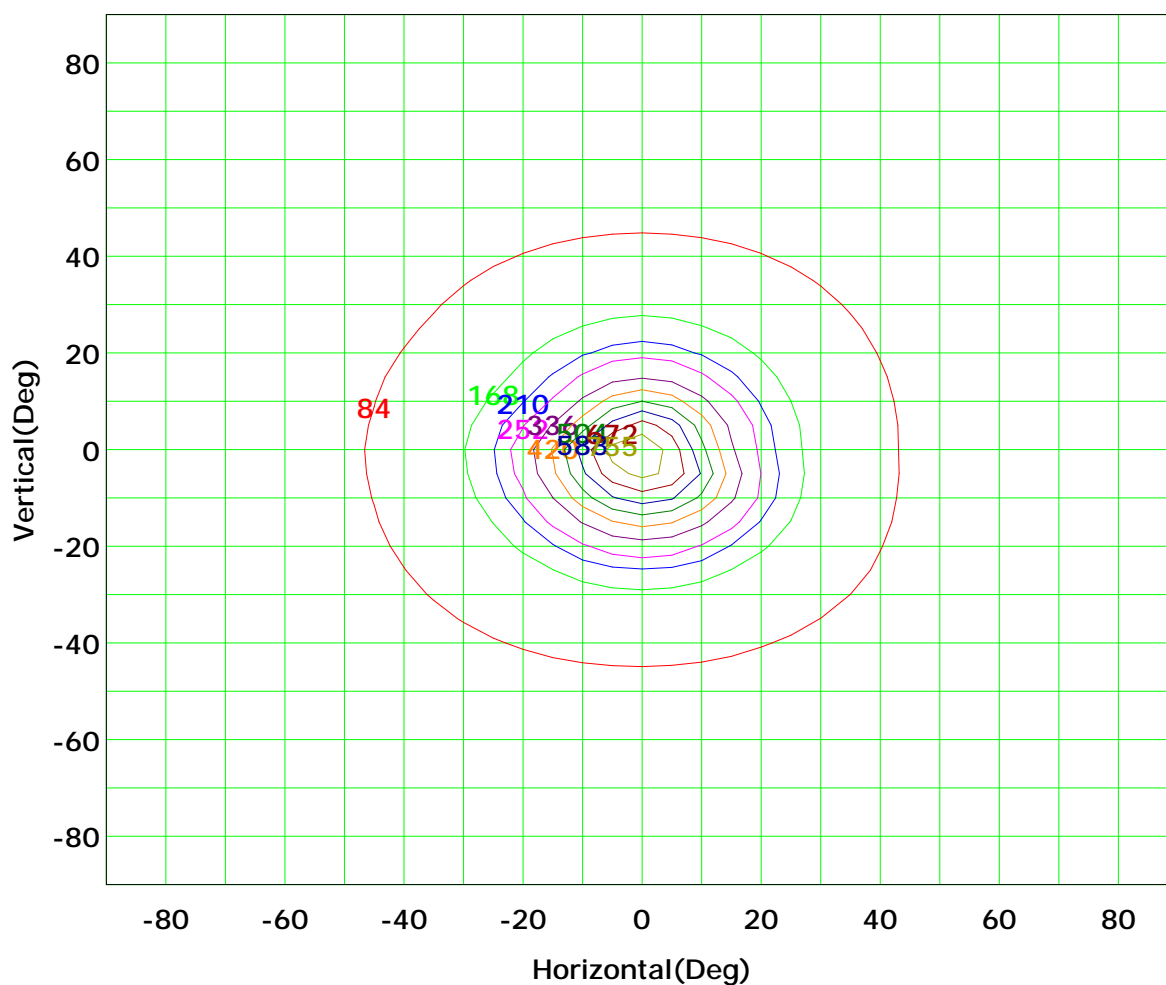
Spacing Criteria (Diagonal): 0.53



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)



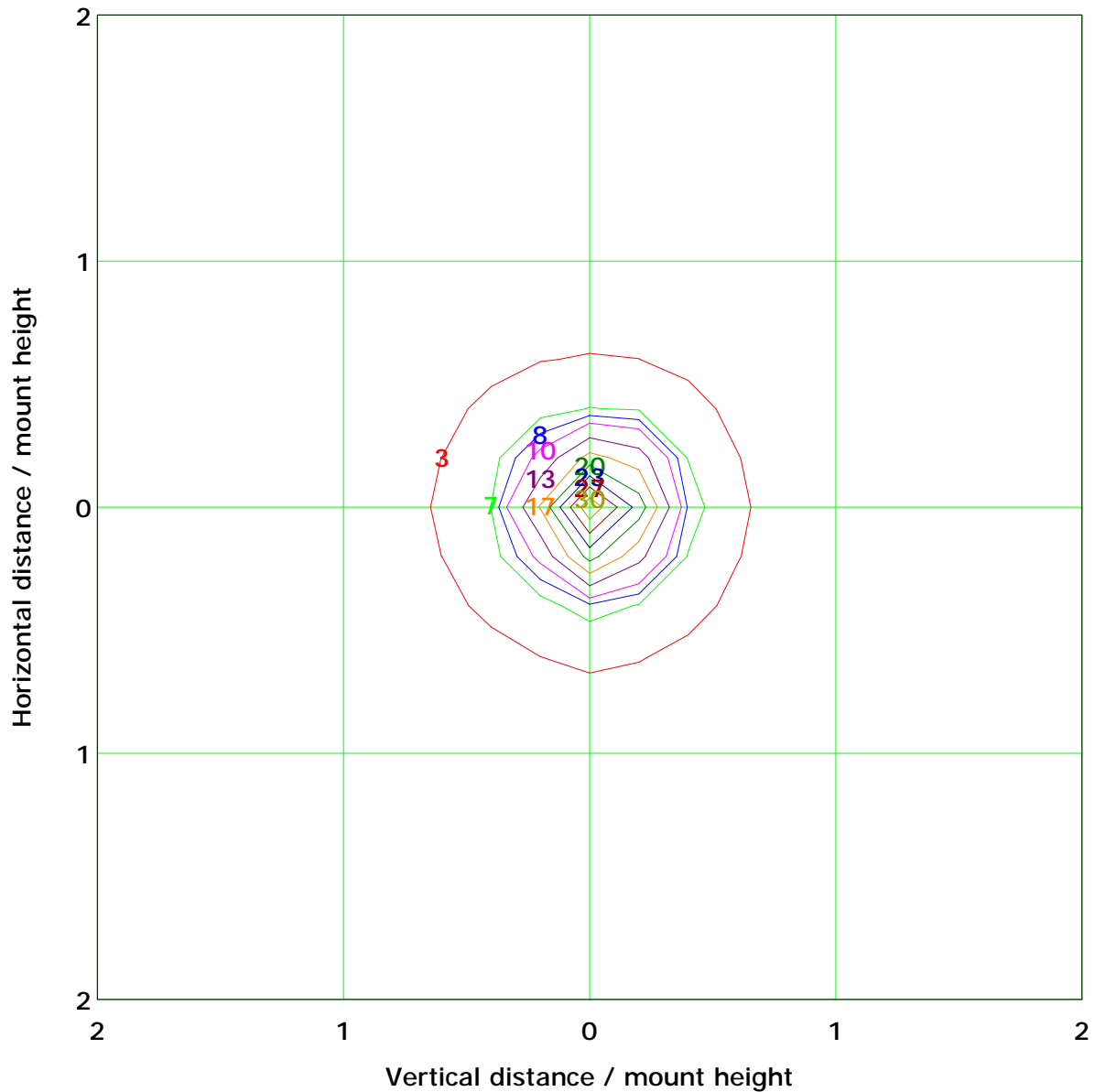
I_{max} (100%): 839 cd

(10%): 84 cd	(20%): 168 cd
(25%): 210 cd	(30%): 252 cd
(40%): 336 cd	(50%): 420 cd
(60%): 504 cd	(70%): 588 cd
(80%): 672 cd	(90%): 755 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%): 33.6 lx	
(10%): 3.4 lx	(20%): 6.7 lx
(25%): 8.4 lx	(30%): 10.1 lx
(40%): 13.4 lx	(50%): 16.8 lx
(60%): 20.1 lx	(70%): 23.5 lx
(80%): 26.8 lx	(90%): 30.2 lx

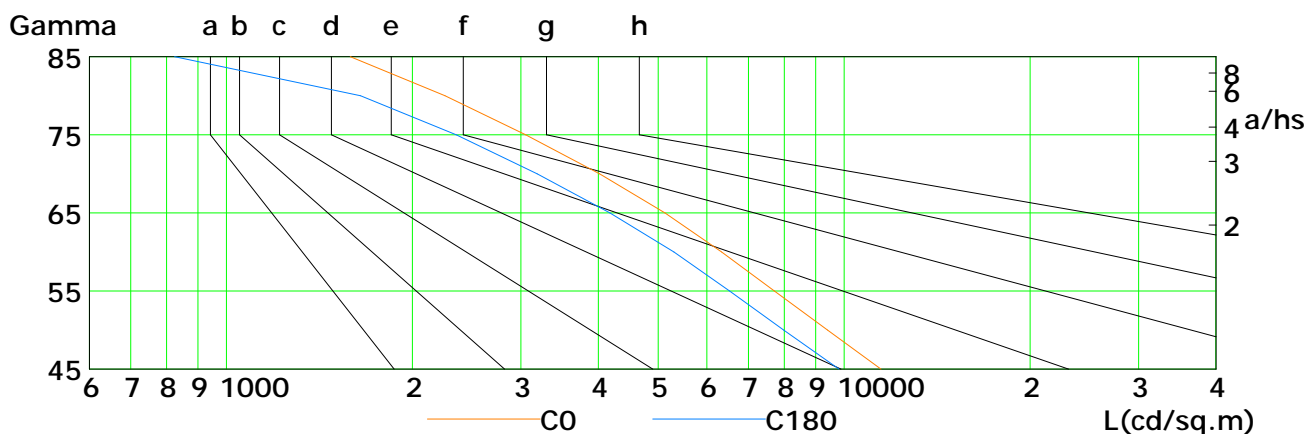
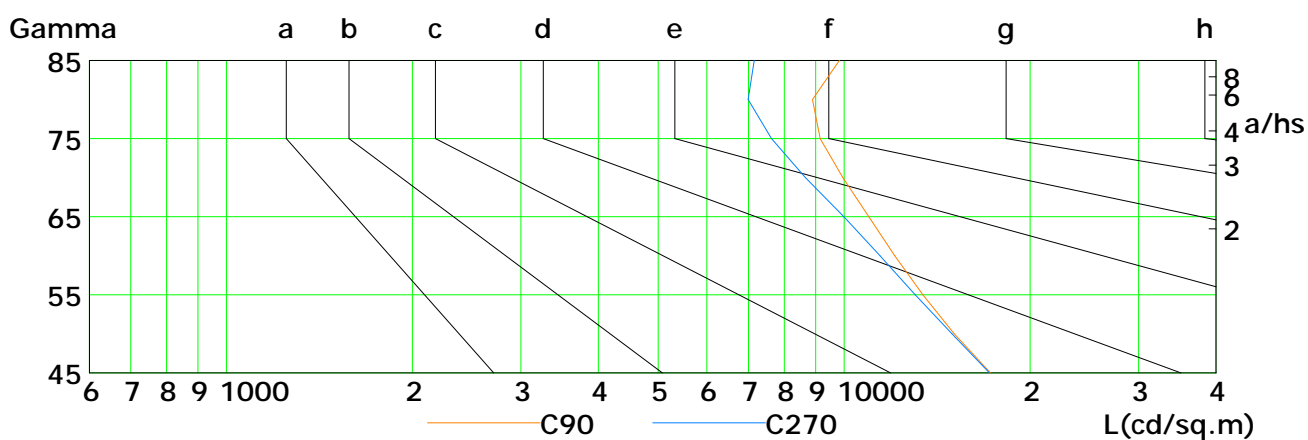
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

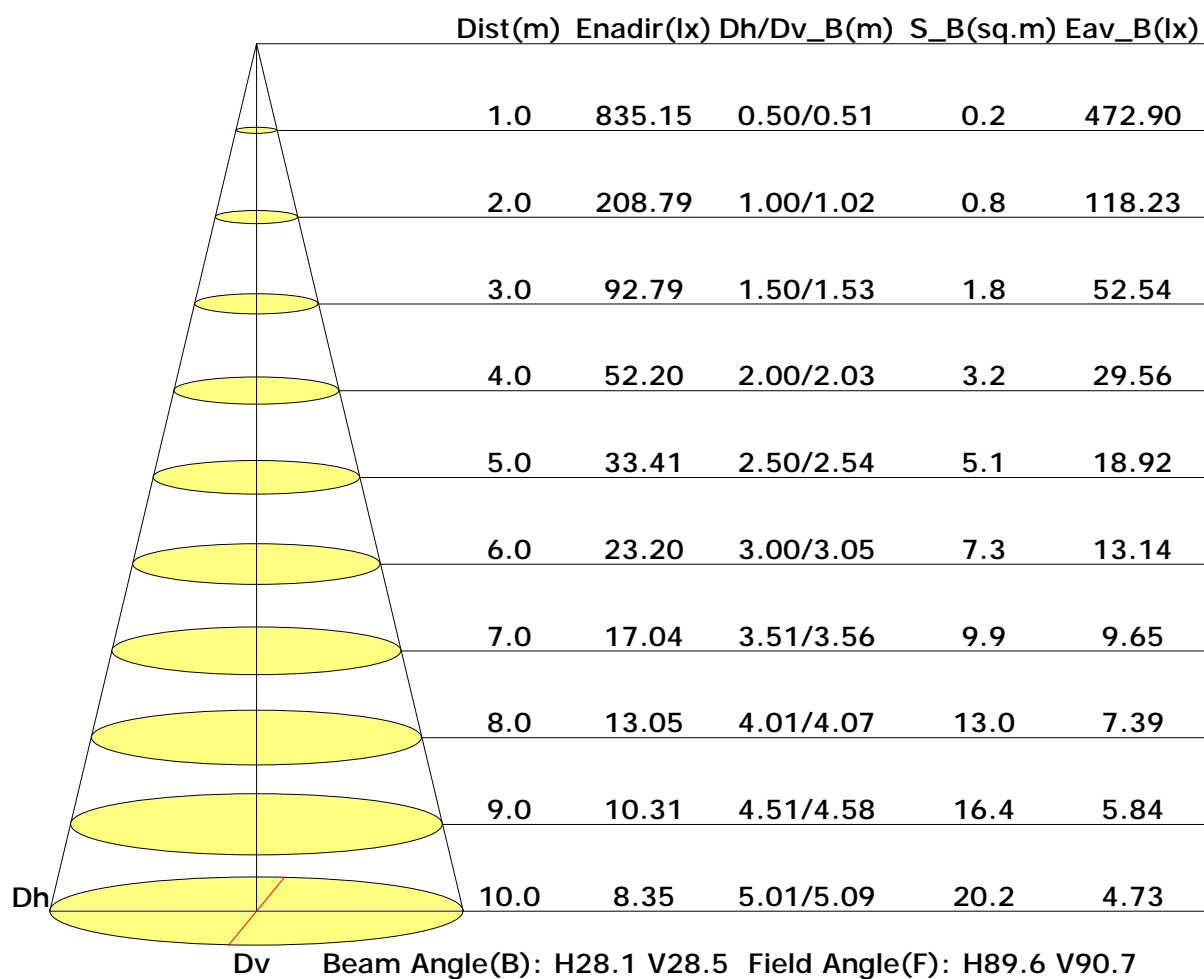


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11475	9406	7715	6334	5130	4021	3054	2261	1587
C90	17259	15088	13423	12081	10968	9963	9154	8890	9829
C180	9819	7987	6531	5300	4178	3187	2355	1650	824
C270	17191	14949	13035	11441	9995	8662	7630	6998	7159

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:

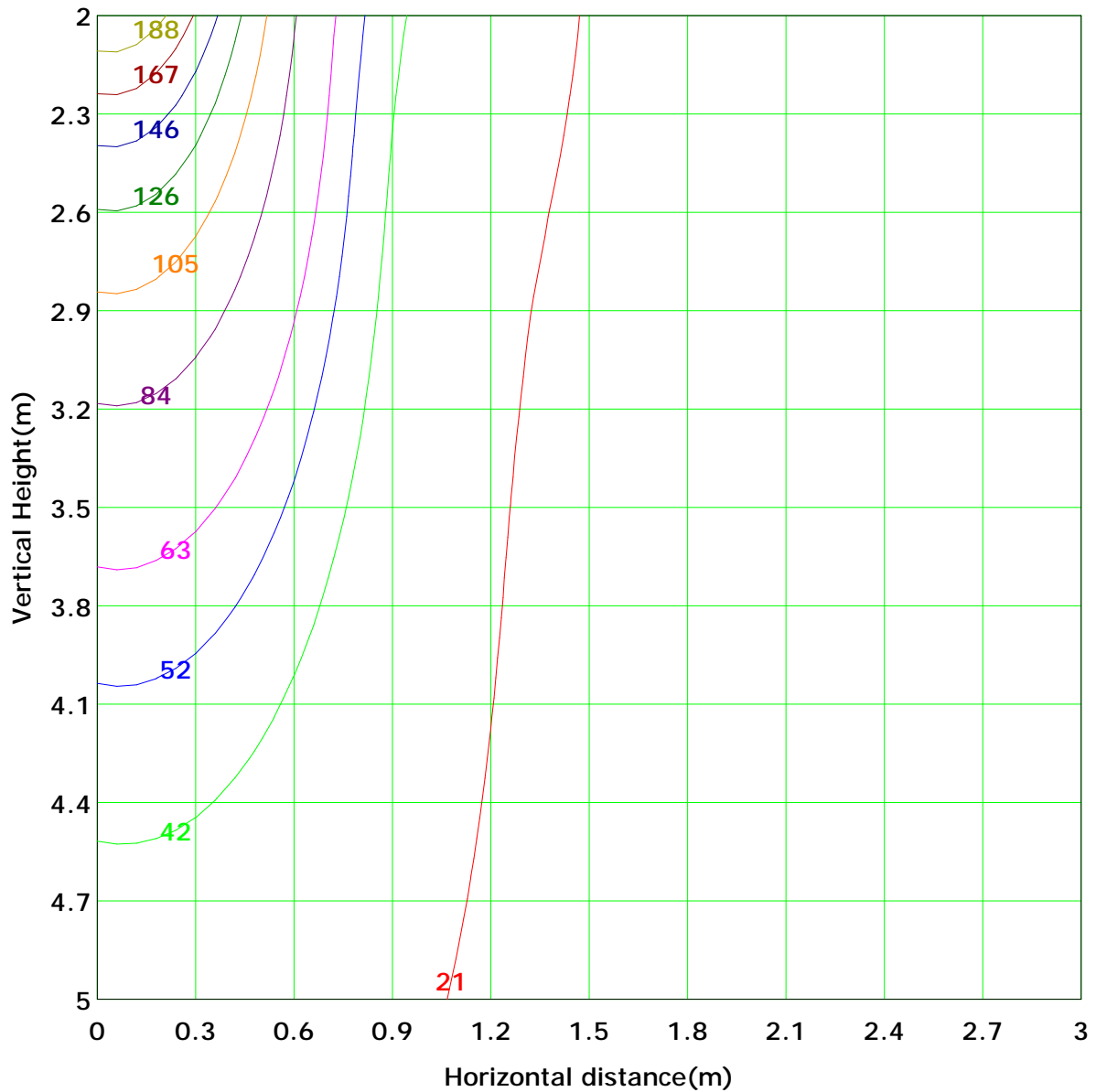
Illuminance at a Distance



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: 209.2 lx
(10%): 20.9 lx	(20%): 41.8 lx	
(25%): 52.3 lx	(30%): 62.8 lx	
(40%): 83.7 lx	(50%): 104.6 lx	
(60%): 125.5 lx	(70%): 146.4 lx	
(80%): 167.4 lx	(90%): 188.3 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

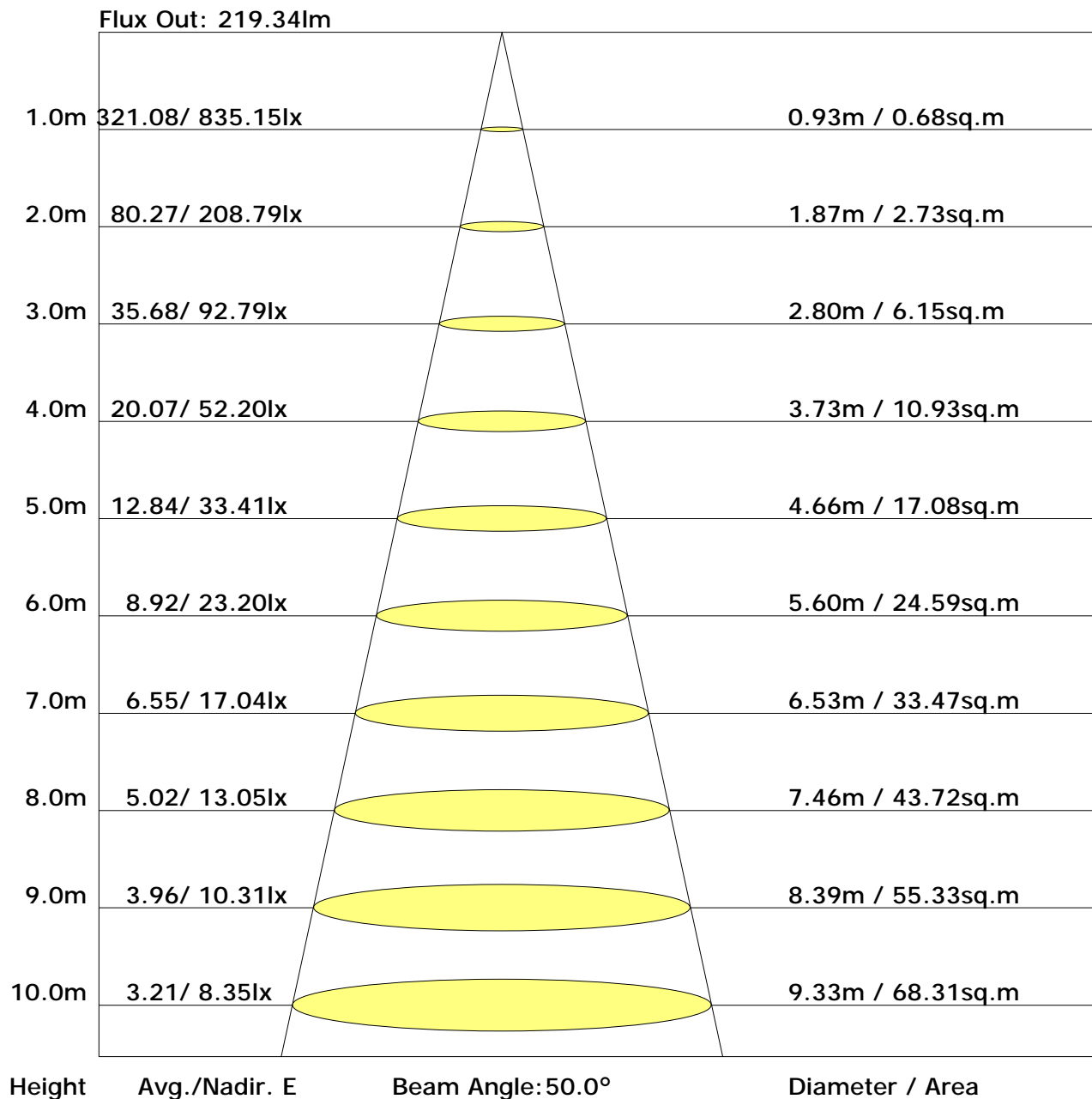
Vertical plane	Horizontal plane																	Flux(E)	Flux(T)	Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-80	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.0	0.0
-70	0.0	0.1	0.1	0.3	0.4	0.6	0.7	0.7	0.9	0.9	0.9	0.7	0.6	0.4	0.3	0.3	0.3	0.1	0.0	0.0
-60	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.2	1.4	1.6	1.4	1.2	0.9	0.6	0.4	0.4	0.3	0.1	0.0	0.0
-50	0.0	0.1	0.2	0.5	0.9	1.3	1.8	1.8	2.2	2.5	2.2	1.8	1.2	0.9	0.6	0.5	0.3	0.2	0.1	0.0
-40	0.0	0.1	0.3	0.6	1.1	1.8	2.5	3.3	3.8	3.8	3.3	2.5	1.6	1.4	1.2	1.0	0.7	0.4	0.2	0.0
-30	0.0	0.1	0.3	0.7	1.3	2.3	3.4	4.6	5.5	5.5	4.6	3.3	2.2	1.8	1.3	1.1	0.7	0.3	0.1	0.0
-20	0.0	0.1	0.4	0.8	1.5	2.7	4.3	6.5	9.5	10.3	8.3	5.4	3.3	2.3	1.7	1.4	0.8	0.4	0.1	0.0
-10	0.0	0.1	0.4	0.9	1.7	3.0	4.9	9.5	18.3	18.3	11.9	5.7	3.3	1.9	1.0	0.7	0.4	0.2	0.0	0.0
0	0.0	0.1	0.4	0.9	1.7	3.0	5.2	11.3	21.0	21.0	11.9	5.7	3.3	1.9	1.0	0.7	0.4	0.2	0.0	0.0
10	0.0	0.1	0.4	0.8	1.6	2.8	4.6	8.1	12.8	12.5	7.9	4.7	3.0	1.8	0.9	0.6	0.3	0.1	0.0	0.0
20	0.0	0.1	0.3	0.8	1.4	2.4	3.6	5.0	6.2	6.2	5.0	3.6	2.5	1.5	0.8	0.5	0.2	0.1	0.0	0.0
30	0.0	0.1	0.3	0.7	1.2	1.8	2.6	3.4	3.8	3.9	3.4	2.7	1.9	1.2	0.7	0.5	0.3	0.1	0.0	0.0
40	0.0	0.1	0.3	0.6	0.9	1.4	1.8	2.3	2.5	2.3	2.3	1.9	1.4	1.0	0.6	0.3	0.2	0.1	0.0	0.0
50	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.5	1.6	1.6	1.5	1.3	1.0	0.7	0.5	0.3	0.2	0.1	0.0	0.0
60	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	0.0	0.0
70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0
80	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
90	0.2	1.4	4.3	9.1	16.3	26.5	40.2	62.4	92.5	92.3	63.5	41.5	27.8	17.5	10.0	4.9	1.8	0.3	513	374

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	20.6	21.9	21.0	22.3	22.6	19.2	20.5	19.6	20.9	21.2
3H	22.1	23.3	22.5	23.7	24.1	20.4	21.6	20.8	22.0	22.4
4H	22.7	23.8	23.1	24.2	24.6	20.8	21.9	21.3	22.3	22.8
6H	23.2	24.2	23.6	24.6	25.0	21.1	22.1	21.6	22.5	23.0
8H	23.4	24.3	23.8	24.8	25.2	21.2	22.2	21.7	22.6	23.1
12H	23.5	24.5	24.0	24.9	25.4	21.3	22.2	21.7	22.6	23.1
X=4H Y=2H	20.8	21.9	21.3	22.3	22.8	19.7	20.8	20.1	21.2	21.6
3H	22.5	23.4	23.0	23.9	24.3	21.2	22.1	21.6	22.5	23.0
4H	23.2	24.0	23.7	24.5	25.0	21.7	22.5	22.1	23.0	23.5
6H	23.8	24.5	24.3	25.0	25.5	22.1	22.8	22.6	23.3	23.8
8H	24.0	24.7	24.5	25.2	25.7	22.2	22.9	22.7	23.4	23.9
12H	24.3	24.9	24.8	25.4	25.9	22.3	22.9	22.8	23.4	23.9
X=8H Y=4H	23.3	23.9	23.8	24.4	24.9	21.9	22.6	22.4	23.1	23.6
6H	23.9	24.5	24.5	25.0	25.6	22.4	23.0	23.0	23.5	24.1
8H	24.3	24.7	24.8	25.3	25.8	22.6	23.1	23.2	23.7	24.2
12H	24.6	25.0	25.1	25.6	26.2	22.8	23.3	23.4	23.8	24.4
X=12H Y=4H	23.3	23.8	23.8	24.4	24.9	22.0	22.5	22.5	23.1	23.6
6H	24.0	24.4	24.5	25.0	25.5	22.5	23.0	23.1	23.5	24.1
8H	24.3	24.7	24.8	25.3	25.9	22.8	23.2	23.3	23.7	24.3

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 = 0.75								
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	0.70	0.78	0.84	0.88	0.94	0.98	1.01	1.04	1.06
	0.30		0.64	0.72	0.78	0.83	0.89	0.93	0.97	1.01	1.04
	0.20		0.59	0.67	0.73	0.78	0.85	0.90	0.93	0.98	1.01
0.50	0.50	0.20	0.68	0.76	0.81	0.85	0.91	0.94	0.97	1.00	1.02
	0.30		0.63	0.71	0.76	0.81	0.86	0.90	0.93	0.97	0.99
	0.20		0.59	0.67	0.72	0.77	0.83	0.87	0.90	0.95	0.97
0.30	0.50	0.20	0.67	0.74	0.79	0.83	0.88	0.91	0.93	0.96	0.98
	0.30		0.62	0.69	0.75	0.79	0.84	0.88	0.90	0.94	0.96
	0.20		0.58	0.66	0.71	0.75	0.81	0.85	0.88	0.92	0.94
0.00	0.00	0.00	0.56	0.63	0.68	0.72	0.77	0.81	0.83	0.87	0.89
Rating: 6W 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 = 0.75									
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	0.80	0.66	0.56	0.49	0.39	0.32	0.28	0.22	0.18	
	0.30		0.67	0.57	0.49	0.43	0.35	0.30	0.26	0.20	0.17	
	0.20		0.57	0.49	0.43	0.39	0.32	0.27	0.24	0.19	0.16	
0.50	0.50	0.20	0.76	0.63	0.53	0.46	0.37	0.34	0.26	0.20	0.17	
	0.30		0.65	0.54	0.47	0.41	0.34	0.28	0.24	0.19	0.16	
	0.20		0.56	0.48	0.42	0.38	0.31	0.26	0.23	0.18	0.15	
0.30	0.50	0.20	0.73	0.60	0.51	0.44	0.35	0.29	0.24	0.19	0.16	
	0.30		0.63	0.53	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
	0.20		0.55	0.47	0.41	0.36	0.30	0.25	0.22	0.17	0.14	
0.00	0.00	0.00	0.43	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10	
Rating: 6W 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 = 0.75									
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	0.22	0.23	0.23	0.24	
	0.30		0.11	0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.16	0.18	0.19	0.19	0.21	0.21	0.22	0.22	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	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: 6W 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	820.1	0.8	0.8	0.15	0.15
1.0-2.0	813.6	2.3	3.1	0.44	0.59
2.0-3.0	800.8	3.8	7.0	0.73	1.32
3.0-4.0	782.4	5.2	12.2	1.00	2.32
4.0-5.0	758.6	6.5	18.7	1.24	3.57
5.0-6.0	730.1	7.7	26.4	1.46	5.03
6.0-7.0	697.9	8.7	35.1	1.65	6.68
7.0-8.0	662.8	9.5	44.5	1.81	8.49
8.0-9.0	625.4	10.1	54.7	1.93	10.42
9.0-10.0	586.9	10.6	65.3	2.02	12.44
10.0-11.0	548.2	11.0	76.3	2.09	14.53
11.0-12.0	509.6	11.1	87.4	2.12	16.65
12.0-13.0	472.2	11.2	98.6	2.14	18.79
13.0-14.0	436.4	11.2	109.8	2.13	20.92
14.0-15.0	402.2	11.0	120.8	2.10	23.02
15.0-16.0	370.6	10.9	131.7	2.07	25.09
16.0-17.0	341.5	10.6	142.3	2.03	27.12
17.0-18.0	315.1	10.4	152.7	1.98	29.10
18.0-19.0	291.3	10.1	162.8	1.93	31.03
19.0-20.0	270.4	9.9	172.7	1.89	32.91
20.0-21.0	251.8	9.7	182.4	1.84	34.75
21.0-22.0	235.6	9.5	191.9	1.80	36.56
22.0-23.0	221.5	9.3	201.2	1.77	38.33
23.0-24.0	209.2	9.1	210.3	1.74	40.07
24.0-25.0	198.3	9.0	219.3	1.72	41.79
25.0-26.0	188.8	8.9	228.2	1.70	43.49
26.0-27.0	180.2	8.8	237.1	1.68	45.17
27.0-28.0	172.3	8.7	245.8	1.66	46.83
28.0-29.0	165.1	8.6	254.4	1.65	48.48
29.0-30.0	158.4	8.6	263.0	1.63	50.11
30.0-31.0	152.1	8.5	271.4	1.61	51.72
31.0-32.0	146.0	8.4	279.8	1.59	53.31
32.0-33.0	140.2	8.3	288.1	1.57	54.89
33.0-34.0	134.6	8.1	296.2	1.55	56.44
34.0-35.0	129.2	8.0	304.2	1.53	57.97
35.0-36.0	124.1	7.9	312.1	1.51	59.47

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	119.0	7.8	319.9	1.48	60.95
37.0-38.0	114.2	7.6	327.5	1.45	62.41
38.0-39.0	109.5	7.5	335.0	1.42	63.83
39.0-40.0	104.9	7.3	342.3	1.39	65.22
40.0-41.0	100.5	7.2	349.5	1.36	66.59
41.0-42.0	96.3	7.0	356.5	1.33	67.92
42.0-43.0	92.2	6.8	363.3	1.30	69.22
43.0-44.0	88.2	6.7	370.0	1.27	70.49
44.0-45.0	84.5	6.5	376.5	1.24	71.73
45.0-46.0	80.8	6.3	382.8	1.20	72.93
46.0-47.0	77.3	6.2	388.9	1.17	74.10
47.0-48.0	73.9	6.0	394.9	1.14	75.24
48.0-49.0	70.7	5.8	400.7	1.11	76.35
49.0-50.0	67.6	5.6	406.4	1.07	77.43
50.0-51.0	64.6	5.5	411.8	1.04	78.47
51.0-52.0	61.8	5.3	417.1	1.01	79.48
52.0-53.0	59.1	5.1	422.3	0.98	80.46
53.0-54.0	56.4	5.0	427.2	0.95	81.40
54.0-55.0	53.9	4.8	432.1	0.92	82.32
55.0-56.0	51.5	4.7	436.7	0.89	83.21
56.0-57.0	49.2	4.5	441.2	0.86	84.07
57.0-58.0	47.0	4.3	445.6	0.83	84.89
58.0-59.0	44.8	4.2	449.7	0.80	85.69
59.0-60.0	42.8	4.0	453.8	0.77	86.46
60.0-61.0	40.7	3.9	457.7	0.74	87.20
61.0-62.0	38.8	3.7	461.4	0.71	87.91
62.0-63.0	36.9	3.6	465.0	0.68	88.60
63.0-64.0	35.0	3.4	468.4	0.66	89.25
64.0-65.0	33.3	3.3	471.7	0.63	89.88
65.0-66.0	31.6	3.1	474.9	0.60	90.48
66.0-67.0	29.9	3.0	477.9	0.57	91.05
67.0-68.0	28.2	2.9	480.7	0.54	91.60
68.0-69.0	26.6	2.7	483.5	0.52	92.11
69.0-70.0	25.1	2.6	486.0	0.49	92.61
70.0-71.0	23.6	2.4	488.5	0.46	93.07
71.0-72.0	22.1	2.3	490.8	0.44	93.51

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	20.7	2.2	492.9	0.41	93.92
73.0-74.0	19.3	2.0	495.0	0.39	94.31
74.0-75.0	18.0	1.9	496.9	0.36	94.67
75.0-76.0	16.8	1.8	498.6	0.34	95.01
76.0-77.0	15.6	1.7	500.3	0.32	95.33
77.0-78.0	14.4	1.5	501.9	0.29	95.62
78.0-79.0	13.3	1.4	503.3	0.27	95.89
79.0-80.0	12.3	1.3	504.6	0.25	96.14
80.0-81.0	11.3	1.2	505.8	0.23	96.38
81.0-82.0	10.3	1.1	506.9	0.21	96.59
82.0-83.0	9.4	1.0	508.0	0.20	96.79
83.0-84.0	8.6	0.9	508.9	0.18	96.97
84.0-85.0	7.8	0.8	509.8	0.16	97.13
85.0-86.0	7.0	0.8	510.5	0.15	97.27
86.0-87.0	6.2	0.7	511.2	0.13	97.40
87.0-88.0	5.5	0.6	511.8	0.11	97.52
88.0-89.0	4.8	0.5	512.3	0.10	97.62
89.0-90.0	4.3	0.5	512.8	0.09	97.71
90.0-91.0	3.8	0.4	513.2	0.08	97.78
91.0-92.0	3.4	0.4	513.6	0.07	97.85
92.0-93.0	3.0	0.3	513.9	0.06	97.92
93.0-94.0	2.7	0.3	514.2	0.06	97.97
94.0-95.0	2.5	0.3	514.5	0.05	98.03
95.0-96.0	2.2	0.2	514.7	0.05	98.07
96.0-97.0	2.0	0.2	514.9	0.04	98.11
97.0-98.0	1.8	0.2	515.1	0.04	98.15
98.0-99.0	1.7	0.2	515.3	0.03	98.19
99.0-100.0	1.6	0.2	515.5	0.03	98.22
100.0-101.0	1.5	0.2	515.7	0.03	98.25
101.0-102.0	1.4	0.1	515.8	0.03	98.28
102.0-103.0	1.3	0.1	515.9	0.03	98.31
103.0-104.0	1.3	0.1	516.1	0.03	98.33
104.0-105.0	1.3	0.1	516.2	0.03	98.36
105.0-106.0	1.2	0.1	516.3	0.03	98.38
106.0-107.0	1.3	0.1	516.5	0.03	98.41
107.0-108.0	1.2	0.1	516.6	0.02	98.43

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	1.2	0.1	516.7	0.02	98.46
109.0-110.0	1.2	0.1	516.9	0.02	98.48
110.0-111.0	1.3	0.1	517.0	0.02	98.51
111.0-112.0	1.3	0.1	517.1	0.03	98.53
112.0-113.0	1.3	0.1	517.3	0.03	98.56
113.0-114.0	1.3	0.1	517.4	0.03	98.58
114.0-115.0	1.3	0.1	517.5	0.02	98.61
115.0-116.0	1.3	0.1	517.7	0.02	98.63
116.0-117.0	1.3	0.1	517.8	0.03	98.66
117.0-118.0	1.4	0.1	517.9	0.03	98.68
118.0-119.0	1.4	0.1	518.0	0.03	98.71
119.0-120.0	1.4	0.1	518.2	0.03	98.73
120.0-121.0	1.4	0.1	518.3	0.03	98.76
121.0-122.0	1.4	0.1	518.4	0.03	98.78
122.0-123.0	1.4	0.1	518.6	0.03	98.81
123.0-124.0	1.4	0.1	518.7	0.03	98.83
124.0-125.0	1.5	0.1	518.8	0.03	98.86
125.0-126.0	1.5	0.1	519.0	0.03	98.88
126.0-127.0	1.5	0.1	519.1	0.03	98.91
127.0-128.0	1.6	0.1	519.3	0.03	98.94
128.0-129.0	1.6	0.1	519.4	0.03	98.96
129.0-130.0	1.6	0.1	519.5	0.03	98.99
130.0-131.0	1.7	0.1	519.7	0.03	99.01
131.0-132.0	1.7	0.1	519.8	0.03	99.04
132.0-133.0	1.7	0.1	519.9	0.03	99.07
133.0-134.0	1.8	0.1	520.1	0.03	99.09
134.0-135.0	1.8	0.1	520.2	0.03	99.12
135.0-136.0	1.8	0.1	520.4	0.03	99.15
136.0-137.0	1.9	0.1	520.5	0.03	99.17
137.0-138.0	1.9	0.1	520.6	0.03	99.20
138.0-139.0	2.0	0.1	520.8	0.03	99.23
139.0-140.0	2.0	0.1	520.9	0.03	99.26
140.0-141.0	2.1	0.1	521.1	0.03	99.28
141.0-142.0	2.1	0.1	521.2	0.03	99.31
142.0-143.0	2.1	0.1	521.4	0.03	99.34
143.0-144.0	2.2	0.1	521.5	0.03	99.37

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	2.3	0.1	521.7	0.03	99.39
145.0-146.0	2.3	0.1	521.8	0.03	99.42
146.0-147.0	2.4	0.1	521.9	0.03	99.45
147.0-148.0	2.4	0.1	522.1	0.03	99.48
148.0-149.0	2.5	0.1	522.2	0.03	99.50
149.0-150.0	2.5	0.1	522.4	0.03	99.53
150.0-151.0	2.6	0.1	522.5	0.03	99.56
151.0-152.0	2.6	0.1	522.6	0.03	99.58
152.0-153.0	2.7	0.1	522.8	0.03	99.61
153.0-154.0	2.7	0.1	522.9	0.03	99.63
154.0-155.0	2.8	0.1	523.0	0.03	99.66
155.0-156.0	2.8	0.1	523.2	0.02	99.68
156.0-157.0	2.9	0.1	523.3	0.02	99.71
157.0-158.0	2.9	0.1	523.4	0.02	99.73
158.0-159.0	2.9	0.1	523.5	0.02	99.75
159.0-160.0	3.0	0.1	523.7	0.02	99.77
160.0-161.0	3.0	0.1	523.8	0.02	99.80
161.0-162.0	3.0	0.1	523.9	0.02	99.82
162.0-163.0	3.1	0.1	524.0	0.02	99.83
163.0-164.0	3.1	0.1	524.1	0.02	99.85
164.0-165.0	3.1	0.1	524.2	0.02	99.87
165.0-166.0	3.1	0.1	524.2	0.02	99.89
166.0-167.0	3.1	0.1	524.3	0.02	99.90
167.0-168.0	3.2	0.1	524.4	0.01	99.92
168.0-169.0	3.2	0.1	524.5	0.01	99.93
169.0-170.0	3.2	0.1	524.5	0.01	99.94
170.0-171.0	3.2	0.1	524.6	0.01	99.95
171.0-172.0	3.2	0.1	524.6	0.01	99.96
172.0-173.0	3.2	0.0	524.7	0.01	99.97
173.0-174.0	3.2	0.0	524.7	0.01	99.98
174.0-175.0	3.2	0.0	524.8	0.01	99.99
175.0-176.0	3.2	0.0	524.8	0.01	99.99
176.0-177.0	3.2	0.0	524.8	0.00	99.99
177.0-178.0	3.2	0.0	524.8	0.00	100.00
178.0-179.0	3.2	0.0	524.8	0.00	100.00
179.0-180.0	3.2	0.0	524.8	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: