

Report No.:

Test Time: 2023/10/27 14:35

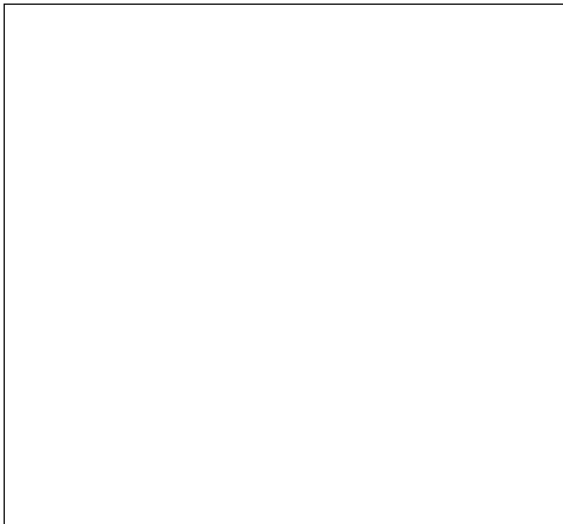
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C35 SW HO 28W
Luminous Length (mm): 300 Luminous Width (mm): 35
Luminous Height (mm): 25 Voltage: 33.9 V
Current: 0.240 A Power: 8.14 W
Power Factor: 1.000

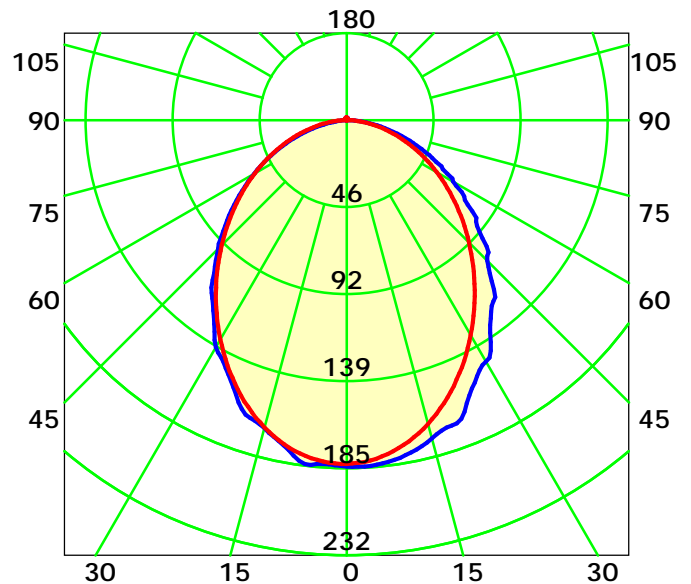
Photometric Results

CIE Class: Direct
Measurement Flux: 434.2 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H155.2,H96.7
Vertical Diffuse Angle(10%,50%): V155.6,V91.3
Luminaire Efficacy Rating (LER): 53
Max. Intensity: 184.97 cd
Total Rated Lamp Lumens: 434.2 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 184.74 cd
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



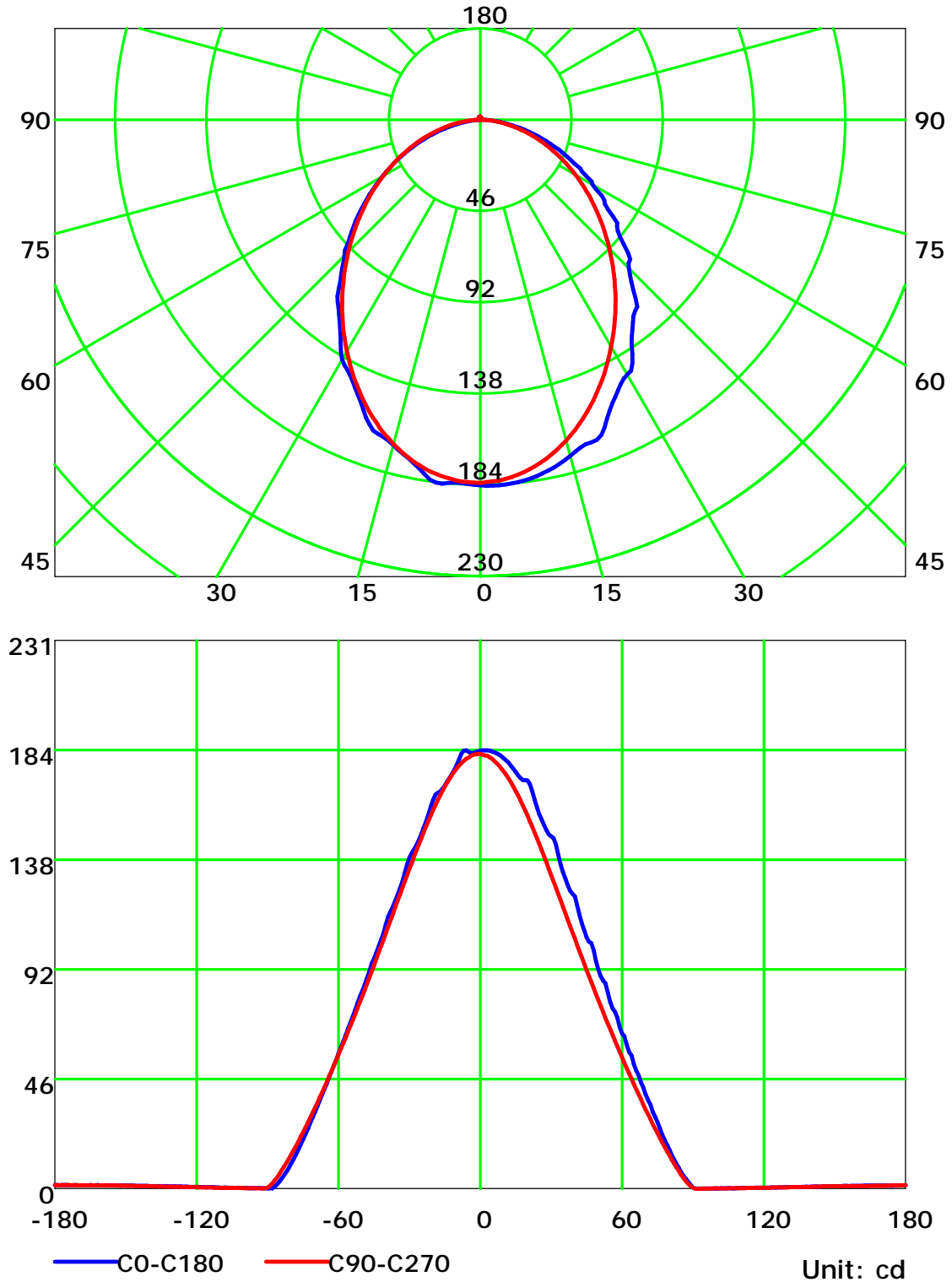
Unit: cd
Average Diffuse Angle(50%): 94.0°
— C0-C180 — C90-C270

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

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



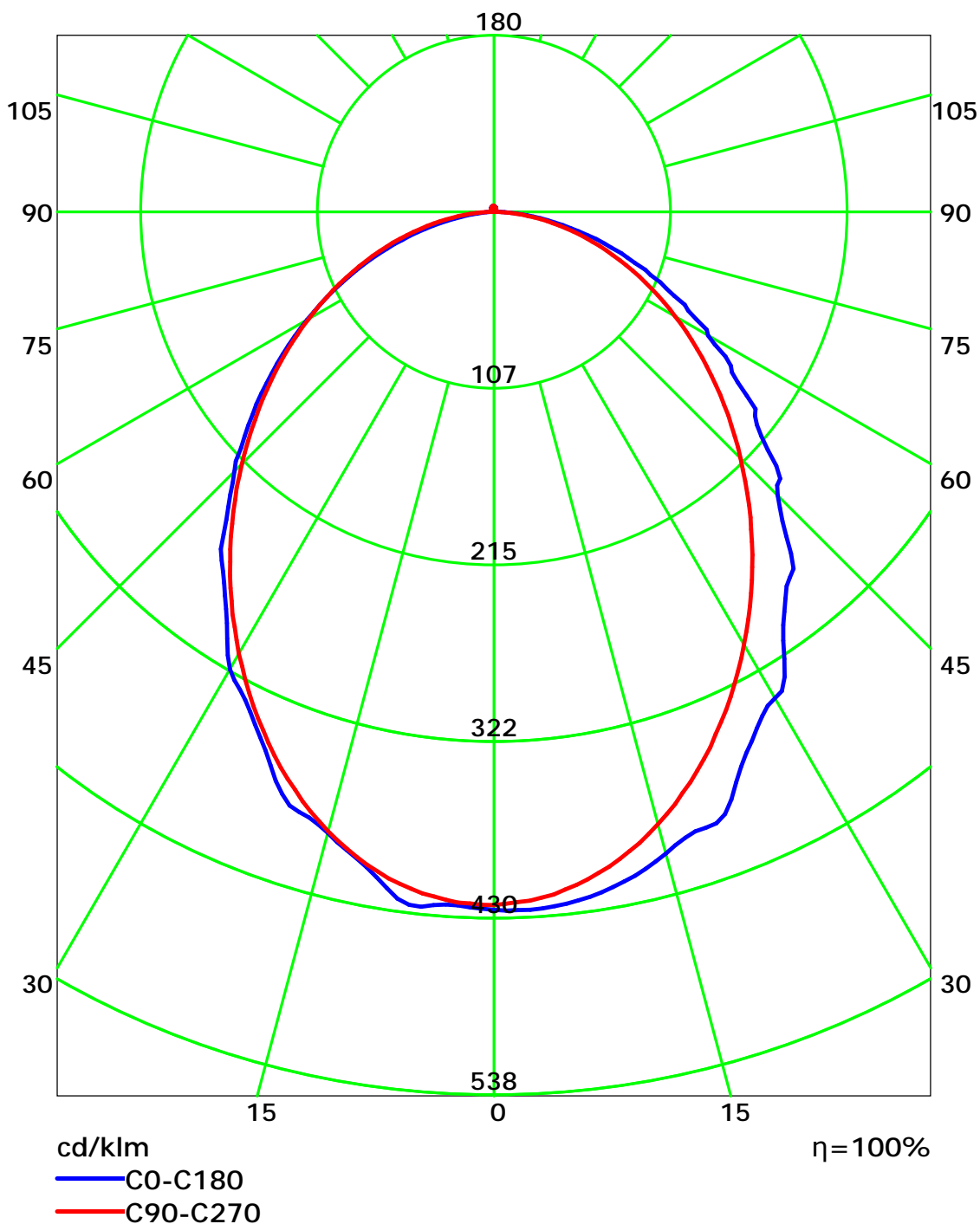
Luminous Intensity Distribution Curve



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

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: Michael

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

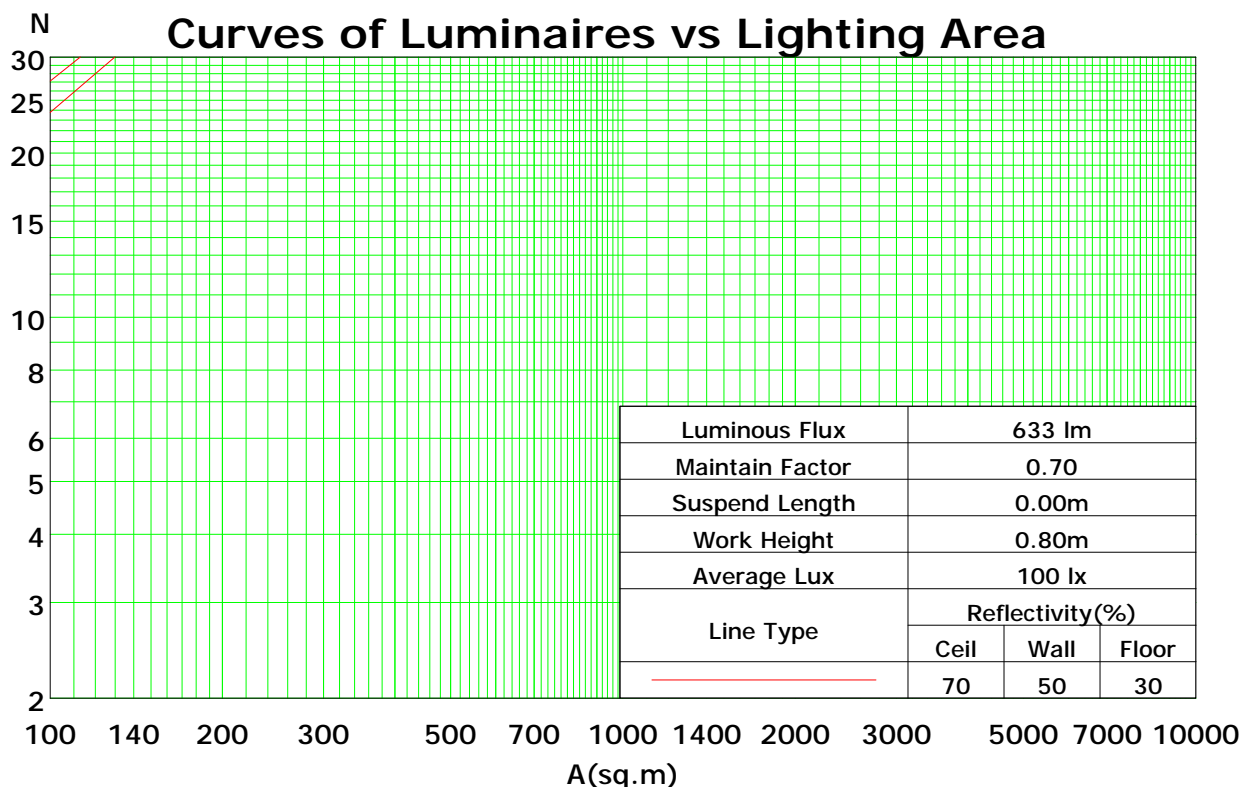
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	109	105	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	66	63	60
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	50	75	64	56	49	62	54	49	59	53	48	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	52	47	42	40
7	67	53	45	39	65	53	45	39	51	44	38	49	43	38	48	42	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	44	38	34	32
9	58	45	37	32	57	44	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	32	28	27

Spacing Criteria (0-180): 1.17

Spacing Criteria (90-270): 1.10

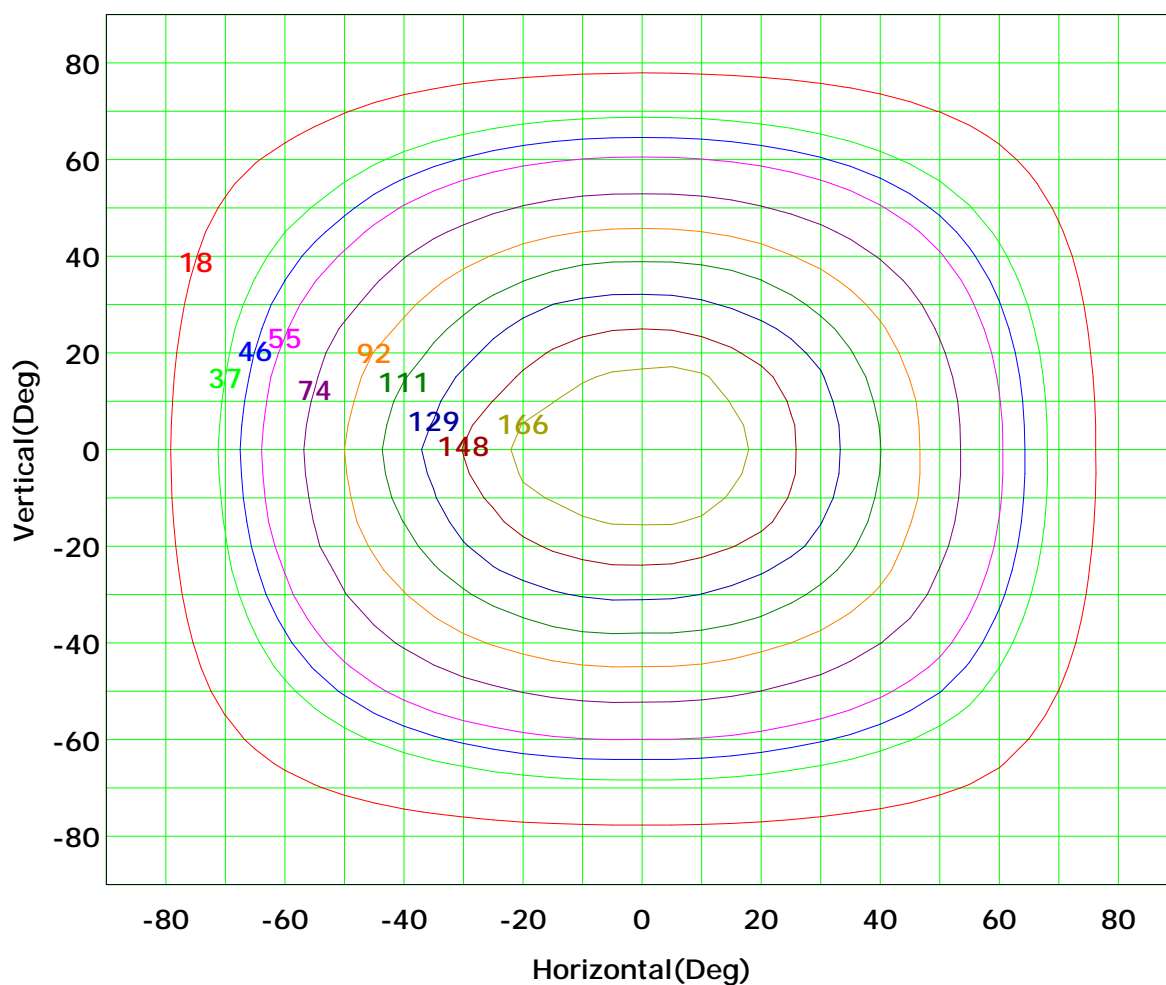
Spacing Criteria (Diagonal): 1.23



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

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

Isocandela (rectangle)



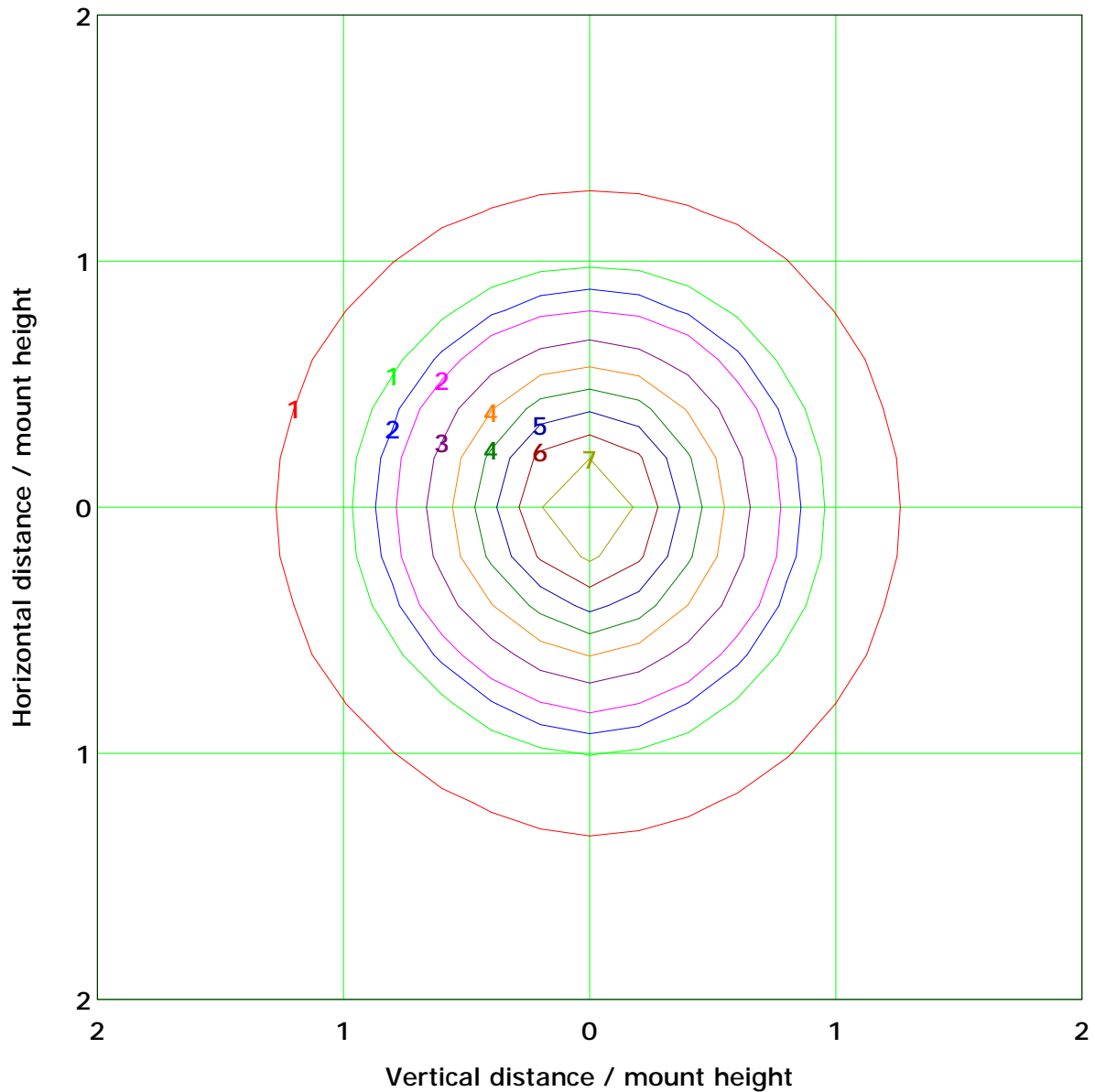
I_{max} (100%): 185 cd

(10%):	18 cd	(20%):	37 cd
(25%):	46 cd	(30%):	55 cd
(40%):	74 cd	(50%):	92 cd
(60%):	111 cd	(70%):	129 cd
(80%):	148 cd	(90%):	166 cd

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

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%): 7.4 lx

(10%): 0.7 lx	(20%): 1.5 lx
(25%): 1.8 lx	(30%): 2.2 lx
(40%): 3.0 lx	(50%): 3.7 lx
(60%): 4.4 lx	(70%): 5.2 lx
(80%): 5.9 lx	(90%): 6.7 lx

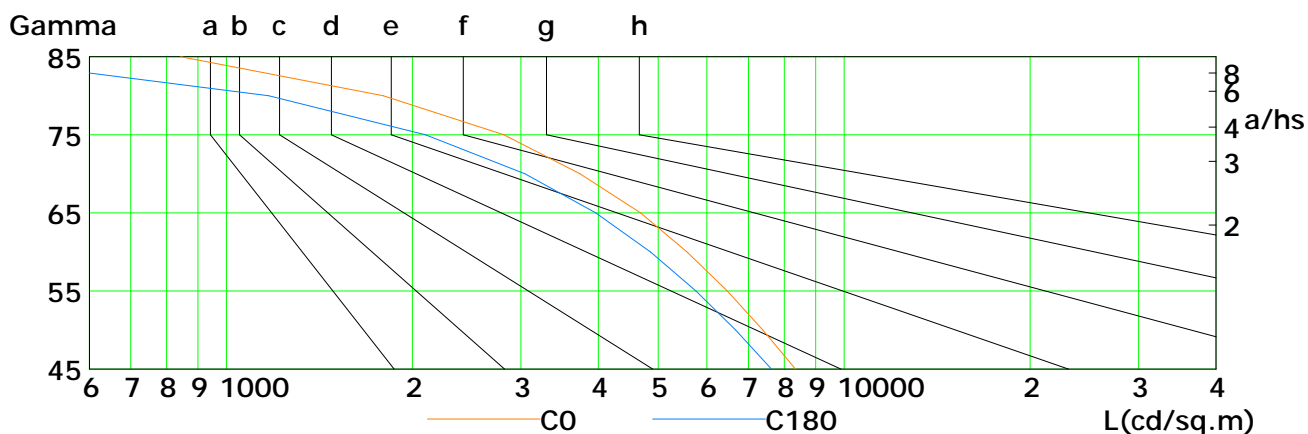
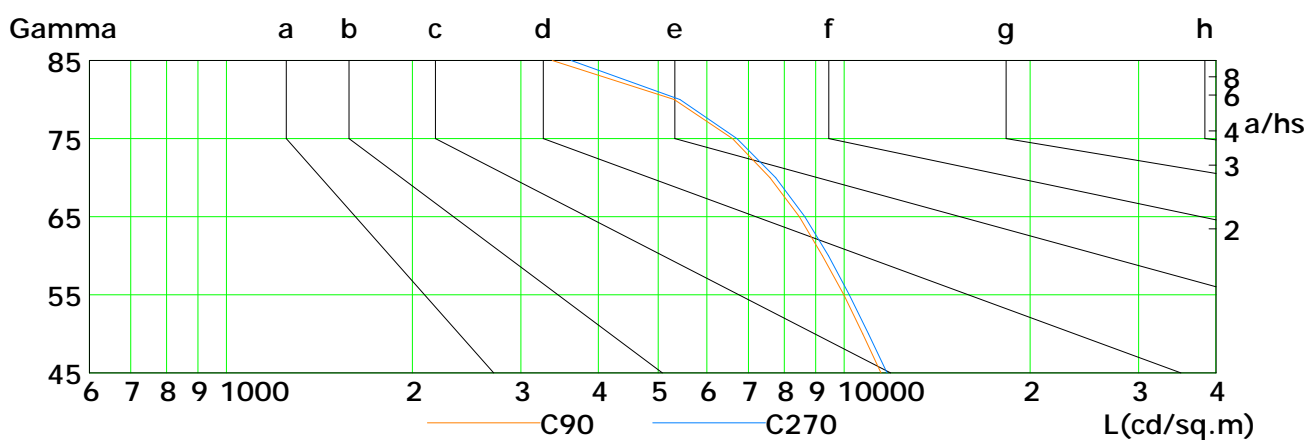
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Michael

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



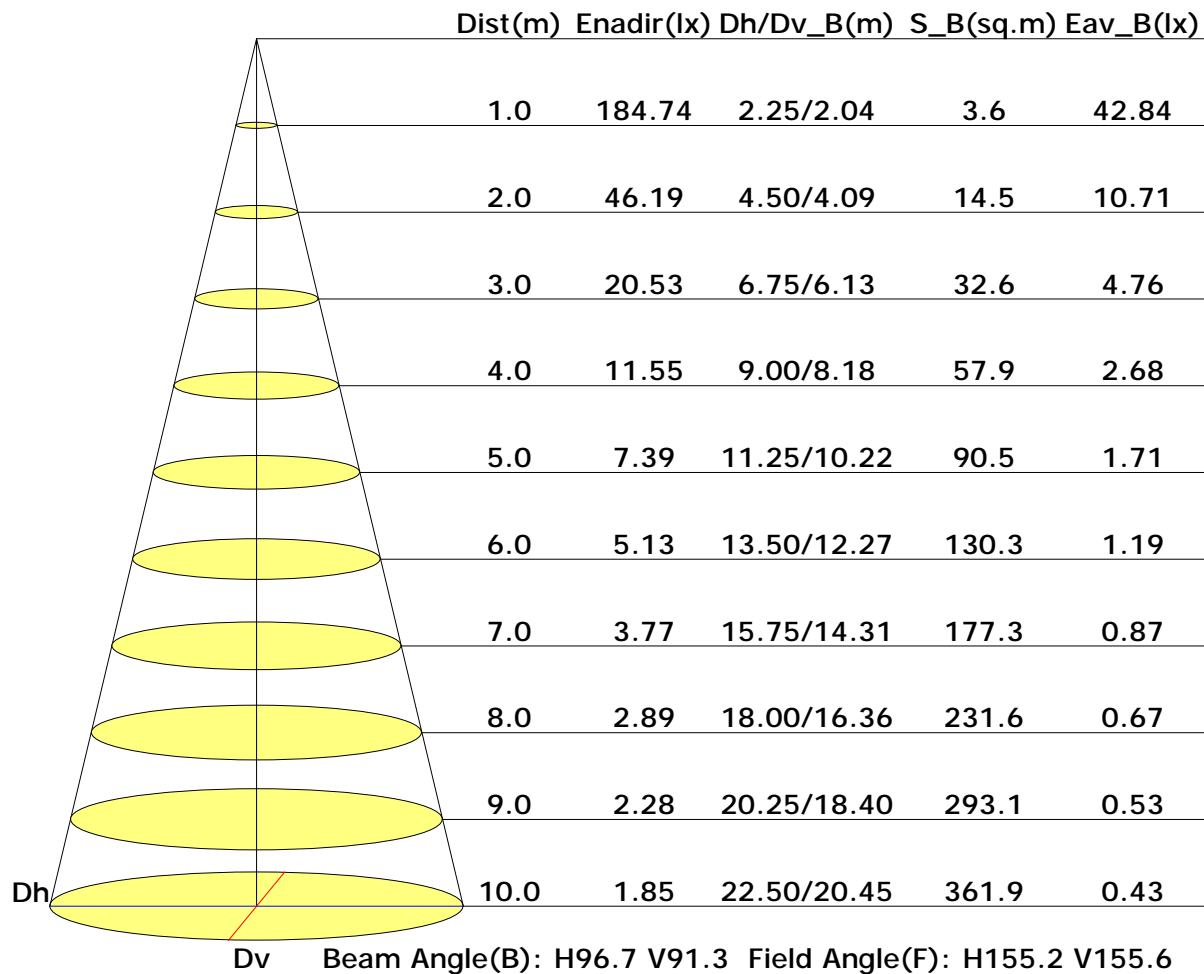
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	8343	7394	6475	5572	4685	3738	2814	1795	843
C90	11479	10727	9988	9221	8466	7586	6596	5307	3369
C180	7635	6675	5761	4862	3962	3046	2102	1172	376
C270	11735	10951	10198	9434	8640	7749	6711	5423	3615

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

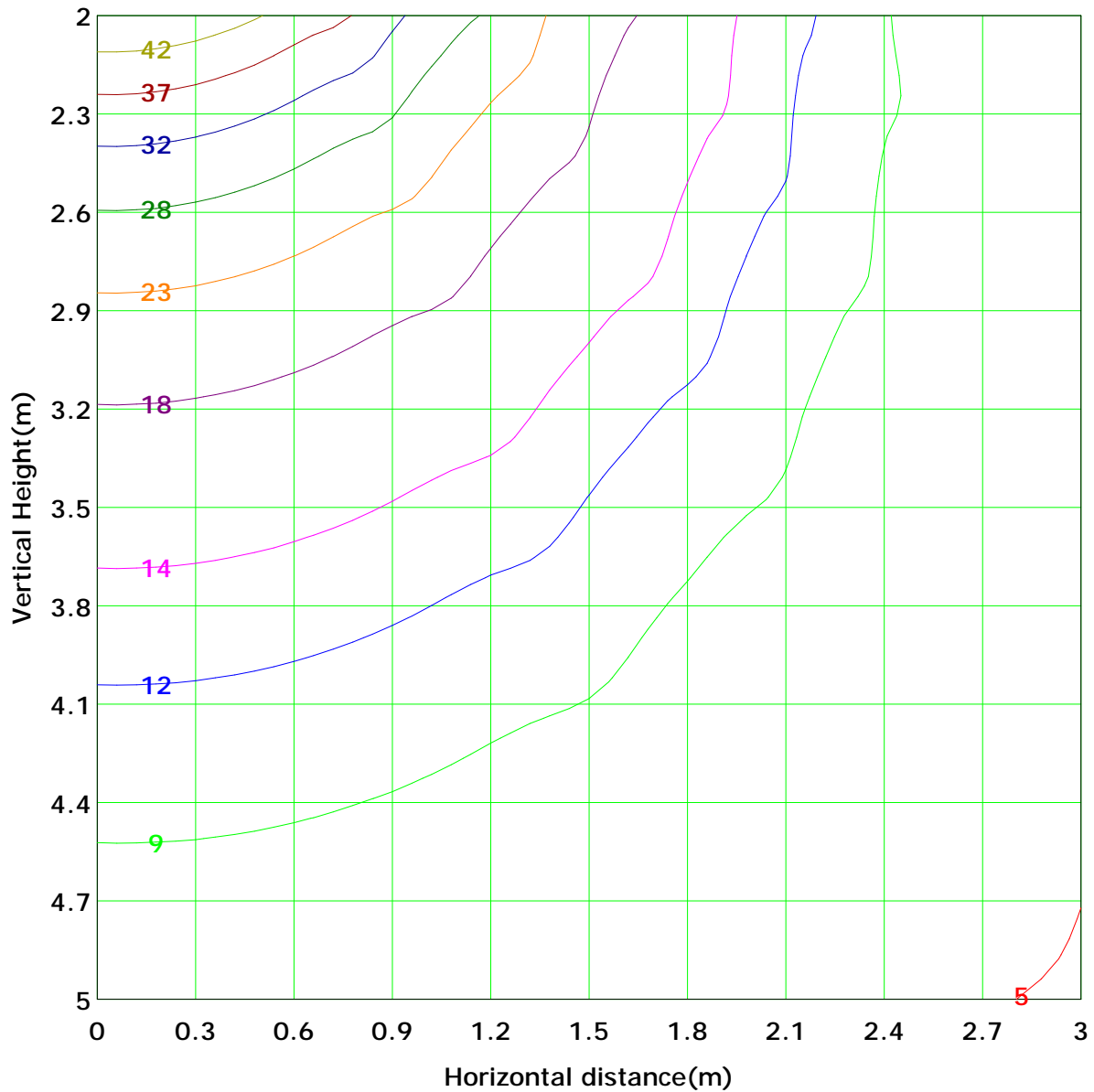
Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 46.2 lx
(10%): 4.6 lx	(20%): 9.2 lx	
(25%): 11.5 lx	(30%): 13.9 lx	
(40%): 18.5 lx	(50%): 23.1 lx	
(60%): 27.7 lx	(70%): 32.3 lx	
(80%): 36.9 lx	(90%): 41.6 lx	

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

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

Area Flux Table

Unit: lm

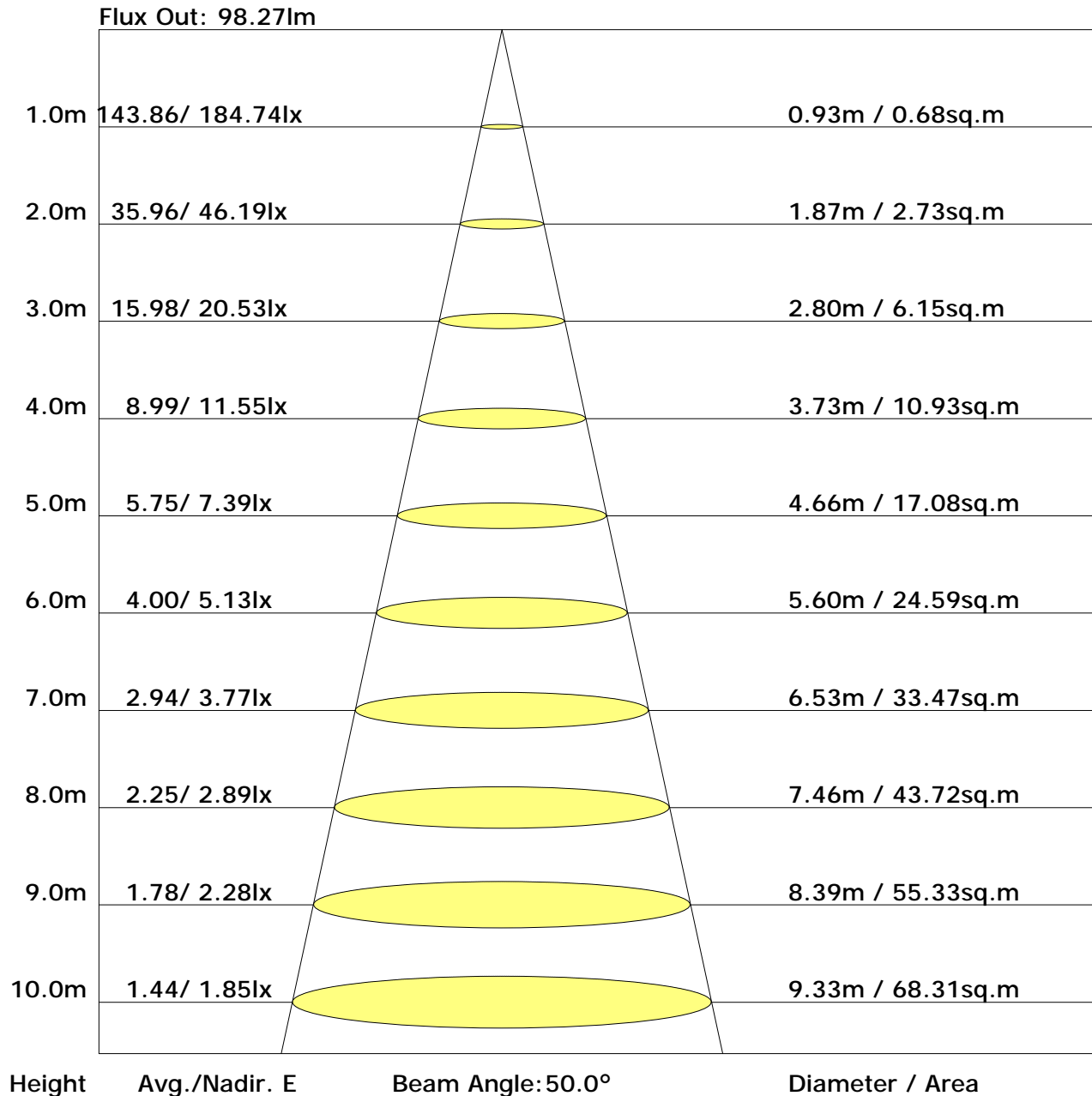
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.0
		0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.0	1.8	0.9
		0.0	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.1	2.1	2.1	2.1	2.1	1.9	1.7	1.3	0.9	0.5	0.0	6.1	5.4
		0.0	0.1	0.3	0.6	0.9	1.3	1.8	2.3	2.8	2.8	2.8	2.8	2.8	2.6	2.2	1.8	1.3	0.8	0.0	12.9	12.2
		0.0	0.1	0.4	0.9	1.5	2.2	2.6	3.4	4.4	4.4	4.4	4.4	4.4	4.0	3.4	2.7	2.0	1.3	0.0	20.8	20.8
		0.0	0.2	0.6	1.2	2.0	2.9	3.9	4.7	5.1	5.1	5.1	5.1	5.1	4.6	3.9	2.9	2.0	1.6	0.0	31.0	30.4
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	40.2	39.5
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	47.5	46.8
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	51.5	50.9
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	51.4	50.9
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	47.8	47.2
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	40.8	40.1
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	31.8	31.1
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	22.3	21.7
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	13.7	13.1
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	6.9	6.3
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	2.3	1.6
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	0.3	0.0
		0.0	0.2	0.6	1.2	2.1	3.1	4.1	5.0	5.5	5.5	5.5	5.5	5.5	5.0	4.6	3.9	2.9	2.2	0.0	430	419

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

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: Michael

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	22.3	23.9	22.7	24.2	24.5	20.4	21.9	20.7	22.3	22.6
3H	24.0	25.4	24.4	25.7	26.1	21.7	23.1	22.1	23.4	23.8
4H	24.6	25.9	25.0	26.3	26.7	22.1	23.4	22.5	23.8	24.2
6H	25.0	26.2	25.4	26.6	27.0	22.3	23.5	22.7	23.9	24.3
8H	25.1	26.3	25.5	26.7	27.1	22.4	23.5	22.8	23.9	24.4
12H	25.2	26.3	25.6	26.7	27.1	22.4	23.5	22.8	23.9	24.3
X=4H Y=2H	22.6	23.9	23.0	24.3	24.7	21.0	22.3	21.4	22.7	23.1
3H	24.4	25.5	24.8	25.9	26.3	22.5	23.6	22.9	24.0	24.4
4H	25.1	26.1	25.5	26.5	27.0	23.0	24.0	23.4	24.4	24.9
6H	25.6	26.4	26.0	26.9	27.4	23.3	24.2	23.8	24.6	25.1
8H	25.7	26.5	26.2	27.0	27.5	23.4	24.2	23.8	24.6	25.1
12H	25.8	26.5	26.3	27.0	27.5	23.4	24.1	23.9	24.6	25.1
X=8H Y=4H	25.2	26.0	25.6	26.4	26.9	23.2	24.0	23.7	24.5	25.0
6H	25.7	26.4	26.2	26.9	27.4	23.6	24.3	24.1	24.8	25.3
8H	25.9	26.5	26.4	27.0	27.5	23.7	24.3	24.3	24.9	25.4
12H	26.0	26.5	26.5	27.0	27.6	23.8	24.3	24.3	24.8	25.4
X=12H Y=4H	25.1	25.9	25.6	26.4	26.9	23.3	24.0	23.7	24.5	25.0
6H	25.7	26.3	26.2	26.8	27.3	23.7	24.3	24.2	24.7	25.3
8H	25.9	26.4	26.4	26.9	27.5	23.8	24.3	24.3	24.8	25.4

Calculate in accordance with CIE 190:2010

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

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 = 1.25								
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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.52	0.63	0.70	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.47	0.57	0.64	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.73	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.56	0.63	0.69	0.76	0.82	0.86	0.91	0.94
0.30	0.50	0.20	0.57	0.66	0.72	0.76	0.83	0.87	0.90	0.93	0.96
	0.30		0.51	0.60	0.67	0.72	0.78	0.83	0.86	0.91	0.93
	0.20		0.46	0.56	0.63	0.68	0.75	0.80	0.83	0.88	0.91
0.00	0.00	0.00	0.44	0.53	0.60	0.65	0.71	0.76	0.79	0.84	0.86
Rating:8W 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 = 1.25									
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	0.95	0.78	0.66	0.57	0.46	0.38	0.32	0.25	0.20	
	0.30		0.79	0.67	0.58	0.51	0.41	0.35	0.30	0.24	0.20	
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.19	
0.50	0.50	0.20	0.91	0.75	0.63	0.55	0.44	0.39	0.31	0.24	0.19	
	0.30		0.77	0.65	0.56	0.49	0.40	0.33	0.29	0.23	0.19	
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.42	0.34	0.29	0.23	0.18	
	0.30		0.75	0.63	0.54	0.48	0.38	0.32	0.28	0.22	0.18	
	0.20		0.66	0.56	0.49	0.43	0.36	0.30	0.26	0.21	0.17	
0.00	0.00	0.00	0.55	0.46	0.39	0.35	0.28	0.23	0.20	0.16	0.13	
Rating:8W 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 = 1.25								
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	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Rating:8W 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	183.5	0.2	0.2	0.04	0.04
1.0-2.0	183.4	0.5	0.7	0.12	0.16
2.0-3.0	183.2	0.9	1.6	0.20	0.36
3.0-4.0	182.9	1.2	2.8	0.28	0.65
4.0-5.0	182.5	1.6	4.4	0.36	1.01
5.0-6.0	182.0	1.9	6.3	0.44	1.45
6.0-7.0	181.5	2.3	8.5	0.52	1.97
7.0-8.0	180.9	2.6	11.1	0.60	2.56
8.0-9.0	180.0	2.9	14.0	0.67	3.23
9.0-10.0	178.9	3.2	17.3	0.75	3.98
10.0-11.0	177.7	3.6	20.8	0.82	4.80
11.0-12.0	176.4	3.9	24.7	0.89	5.69
12.0-13.0	175.0	4.2	28.8	0.96	6.64
13.0-14.0	173.5	4.4	33.3	1.02	7.67
14.0-15.0	171.8	4.7	38.0	1.09	8.75
15.0-16.0	170.2	5.0	43.0	1.15	9.90
16.0-17.0	168.5	5.2	48.2	1.21	11.11
17.0-18.0	166.8	5.5	53.7	1.27	12.38
18.0-19.0	165.1	5.7	59.5	1.32	13.70
19.0-20.0	163.3	6.0	65.5	1.38	15.07
20.0-21.0	161.3	6.2	71.7	1.43	16.50
21.0-22.0	159.1	6.4	78.0	1.47	17.97
22.0-23.0	156.8	6.6	84.6	1.52	19.49
23.0-24.0	154.3	6.7	91.4	1.55	21.04
24.0-25.0	151.7	6.9	98.3	1.59	22.63
25.0-26.0	149.1	7.0	105.3	1.62	24.25
26.0-27.0	146.4	7.2	112.5	1.65	25.90
27.0-28.0	143.8	7.3	119.8	1.68	27.58
28.0-29.0	141.3	7.4	127.1	1.70	29.28
29.0-30.0	138.9	7.5	134.6	1.73	31.01
30.0-31.0	136.6	7.6	142.2	1.75	32.76
31.0-32.0	134.2	7.7	149.9	1.77	34.53
32.0-33.0	131.6	7.8	157.7	1.79	36.32
33.0-34.0	129.0	7.8	165.5	1.80	38.12
34.0-35.0	126.4	7.8	173.4	1.81	39.92
35.0-36.0	123.7	7.9	181.2	1.81	41.74

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

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	120.9	7.9	189.1	1.82	43.55
37.0-38.0	118.0	7.9	197.0	1.81	45.37
38.0-39.0	115.3	7.9	204.9	1.81	47.18
39.0-40.0	112.6	7.9	212.7	1.81	48.99
40.0-41.0	109.8	7.8	220.5	1.80	50.79
41.0-42.0	106.9	7.8	228.3	1.79	52.58
42.0-43.0	104.1	7.7	236.0	1.78	54.36
43.0-44.0	101.3	7.6	243.7	1.76	56.12
44.0-45.0	98.6	7.6	251.2	1.75	57.86
45.0-46.0	96.0	7.5	258.8	1.73	59.59
46.0-47.0	93.3	7.4	266.2	1.71	61.30
47.0-48.0	90.7	7.3	273.5	1.69	62.99
48.0-49.0	88.0	7.2	280.7	1.67	64.65
49.0-50.0	85.4	7.1	287.9	1.64	66.29
50.0-51.0	82.8	7.0	294.9	1.61	67.91
51.0-52.0	80.2	6.9	301.7	1.58	69.49
52.0-53.0	77.6	6.8	308.5	1.55	71.05
53.0-54.0	75.0	6.6	315.1	1.52	72.57
54.0-55.0	72.3	6.5	321.6	1.49	74.06
55.0-56.0	69.8	6.3	327.9	1.45	75.51
56.0-57.0	67.4	6.2	334.0	1.42	76.93
57.0-58.0	64.9	6.0	340.0	1.38	78.31
58.0-59.0	62.3	5.8	345.9	1.34	79.65
59.0-60.0	59.7	5.6	351.5	1.30	80.95
60.0-61.0	57.3	5.5	357.0	1.26	82.21
61.0-62.0	54.9	5.3	362.3	1.22	83.43
62.0-63.0	52.4	5.1	367.4	1.17	84.60
63.0-64.0	50.0	4.9	372.3	1.13	85.73
64.0-65.0	47.7	4.7	377.0	1.09	86.82
65.0-66.0	45.3	4.5	381.5	1.04	87.86
66.0-67.0	42.9	4.3	385.8	0.99	88.86
67.0-68.0	40.6	4.1	389.9	0.95	89.80
68.0-69.0	38.3	3.9	393.8	0.90	90.70
69.0-70.0	36.0	3.7	397.5	0.85	91.55
70.0-71.0	33.8	3.5	401.0	0.80	92.36
71.0-72.0	31.6	3.3	404.3	0.76	93.11

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

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	29.4	3.1	407.4	0.71	93.82
73.0-74.0	27.2	2.9	410.2	0.66	94.48
74.0-75.0	25.1	2.6	412.9	0.61	95.09
75.0-76.0	23.0	2.4	415.3	0.56	95.65
76.0-77.0	20.9	2.2	417.5	0.51	96.16
77.0-78.0	18.9	2.0	419.6	0.47	96.63
78.0-79.0	16.9	1.8	421.4	0.42	97.05
79.0-80.0	15.0	1.6	423.0	0.37	97.42
80.0-81.0	13.2	1.4	424.4	0.33	97.75
81.0-82.0	11.4	1.2	425.7	0.29	98.03
82.0-83.0	9.7	1.1	426.7	0.24	98.28
83.0-84.0	8.1	0.9	427.6	0.20	98.48
84.0-85.0	6.5	0.7	428.3	0.16	98.64
85.0-86.0	5.0	0.5	428.9	0.13	98.77
86.0-87.0	3.6	0.4	429.3	0.09	98.86
87.0-88.0	2.4	0.3	429.5	0.06	98.92
88.0-89.0	1.4	0.2	429.7	0.04	98.96
89.0-90.0	0.7	0.1	429.8	0.02	98.98
90.0-91.0	0.3	0.0	429.8	0.01	98.98
91.0-92.0	0.2	0.0	429.8	0.00	98.99
92.0-93.0	0.2	0.0	429.8	0.00	98.99
93.0-94.0	0.2	0.0	429.9	0.00	99.00
94.0-95.0	0.2	0.0	429.9	0.00	99.00
95.0-96.0	0.2	0.0	429.9	0.01	99.01
96.0-97.0	0.2	0.0	429.9	0.01	99.01
97.0-98.0	0.2	0.0	430.0	0.01	99.02
98.0-99.0	0.3	0.0	430.0	0.01	99.03
99.0-100.0	0.3	0.0	430.0	0.01	99.03
100.0-101.0	0.3	0.0	430.0	0.01	99.04
101.0-102.0	0.3	0.0	430.1	0.01	99.05
102.0-103.0	0.3	0.0	430.1	0.01	99.05
103.0-104.0	0.3	0.0	430.1	0.01	99.06
104.0-105.0	0.3	0.0	430.2	0.01	99.07
105.0-106.0	0.4	0.0	430.2	0.01	99.08
106.0-107.0	0.4	0.0	430.3	0.01	99.09
107.0-108.0	0.4	0.0	430.3	0.01	99.10

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

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	430.3	0.01	99.11
109.0-110.0	0.4	0.0	430.4	0.01	99.12
110.0-111.0	0.5	0.0	430.4	0.01	99.13
111.0-112.0	0.5	0.0	430.5	0.01	99.14
112.0-113.0	0.5	0.0	430.5	0.01	99.15
113.0-114.0	0.5	0.1	430.6	0.01	99.16
114.0-115.0	0.5	0.1	430.6	0.01	99.18
115.0-116.0	0.6	0.1	430.7	0.01	99.19
116.0-117.0	0.6	0.1	430.7	0.01	99.20
117.0-118.0	0.6	0.1	430.8	0.01	99.22
118.0-119.0	0.6	0.1	430.9	0.01	99.23
119.0-120.0	0.6	0.1	430.9	0.01	99.24
120.0-121.0	0.7	0.1	431.0	0.01	99.26
121.0-122.0	0.7	0.1	431.1	0.01	99.27
122.0-123.0	0.7	0.1	431.1	0.01	99.29
123.0-124.0	0.7	0.1	431.2	0.01	99.30
124.0-125.0	0.7	0.1	431.2	0.02	99.32
125.0-126.0	0.8	0.1	431.3	0.02	99.33
126.0-127.0	0.8	0.1	431.4	0.02	99.35
127.0-128.0	0.8	0.1	431.5	0.02	99.37
128.0-129.0	0.8	0.1	431.5	0.02	99.38
129.0-130.0	0.8	0.1	431.6	0.02	99.40
130.0-131.0	0.9	0.1	431.7	0.02	99.41
131.0-132.0	0.9	0.1	431.7	0.02	99.43
132.0-133.0	0.9	0.1	431.8	0.02	99.45
133.0-134.0	0.9	0.1	431.9	0.02	99.47
134.0-135.0	0.9	0.1	432.0	0.02	99.48
135.0-136.0	1.0	0.1	432.0	0.02	99.50
136.0-137.0	1.0	0.1	432.1	0.02	99.52
137.0-138.0	1.0	0.1	432.2	0.02	99.53
138.0-139.0	1.0	0.1	432.3	0.02	99.55
139.0-140.0	1.0	0.1	432.3	0.02	99.57
140.0-141.0	1.1	0.1	432.4	0.02	99.59
141.0-142.0	1.1	0.1	432.5	0.02	99.60
142.0-143.0	1.1	0.1	432.6	0.02	99.62
143.0-144.0	1.1	0.1	432.6	0.02	99.64

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

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	1.1	0.1	432.7	0.02	99.65
145.0-146.0	1.2	0.1	432.8	0.02	99.67
146.0-147.0	1.2	0.1	432.8	0.02	99.69
147.0-148.0	1.2	0.1	432.9	0.02	99.70
148.0-149.0	1.2	0.1	433.0	0.02	99.72
149.0-150.0	1.2	0.1	433.1	0.02	99.73
150.0-151.0	1.3	0.1	433.1	0.02	99.75
151.0-152.0	1.3	0.1	433.2	0.02	99.76
152.0-153.0	1.3	0.1	433.3	0.01	99.78
153.0-154.0	1.3	0.1	433.3	0.01	99.79
154.0-155.0	1.3	0.1	433.4	0.01	99.81
155.0-156.0	1.3	0.1	433.4	0.01	99.82
156.0-157.0	1.3	0.1	433.5	0.01	99.84
157.0-158.0	1.3	0.1	433.6	0.01	99.85
158.0-159.0	1.4	0.1	433.6	0.01	99.86
159.0-160.0	1.4	0.1	433.7	0.01	99.87
160.0-161.0	1.4	0.1	433.7	0.01	99.89
161.0-162.0	1.4	0.0	433.8	0.01	99.90
162.0-163.0	1.4	0.0	433.8	0.01	99.91
163.0-164.0	1.4	0.0	433.9	0.01	99.92
164.0-165.0	1.4	0.0	433.9	0.01	99.93
165.0-166.0	1.4	0.0	433.9	0.01	99.94
166.0-167.0	1.4	0.0	434.0	0.01	99.95
167.0-168.0	1.4	0.0	434.0	0.01	99.95
168.0-169.0	1.4	0.0	434.0	0.01	99.96
169.0-170.0	1.5	0.0	434.1	0.01	99.97
170.0-171.0	1.5	0.0	434.1	0.01	99.97
171.0-172.0	1.5	0.0	434.1	0.01	99.98
172.0-173.0	1.5	0.0	434.1	0.00	99.98
173.0-174.0	1.5	0.0	434.2	0.00	99.99
174.0-175.0	1.5	0.0	434.2	0.00	99.99
175.0-176.0	1.5	0.0	434.2	0.00	99.99
176.0-177.0	1.5	0.0	434.2	0.00	100.00
177.0-178.0	1.5	0.0	434.2	0.00	100.00
178.0-179.0	1.6	0.0	434.2	0.00	100.00
179.0-180.0	1.6	0.0	434.2	0.00	100.00

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

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