

Report No.:

Test Time: 2023/11/1 10:22

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Scroll pendants

Luminaire Description: Scroll pendants C35 RGBW SO 28W

Lamp Catalog: RED ONLY

Luminous Width (mm): 35

Voltage: 24.0 V

Power: 3.63 W

Luminous Length (mm): 300

Luminous Height (mm): 40

Current: 0.151 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 22.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H155,H88.1

Vertical Diffuse Angle(10%,50%): V155,V97

Luminaire Efficacy Rating (LER): 6

Max. Intensity: 9.97 cd

Total Rated Lamp Lumens: 22.7 lm

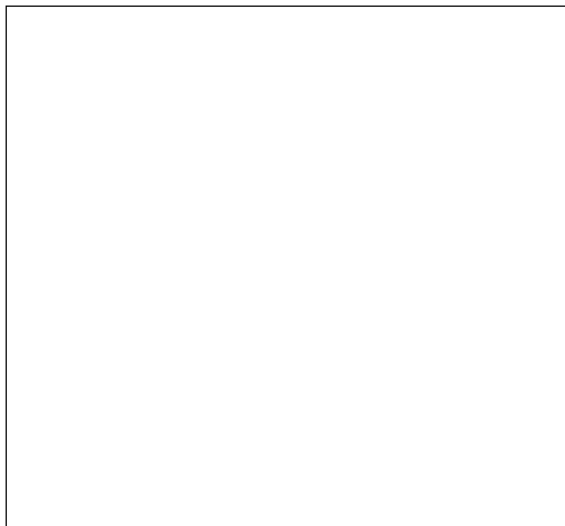
Efficiency: 100%

Upward Ratio: 1%

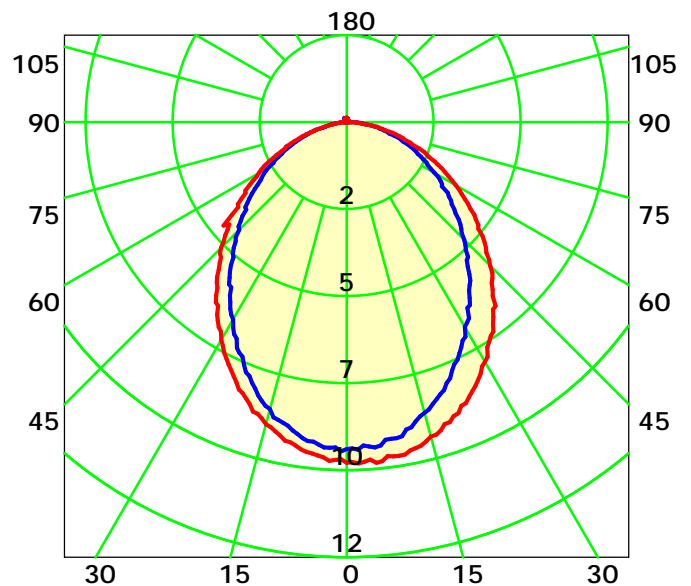
Central Intensity: 9.43 cd

Pos of Max. Intensity: H150 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 92.6° 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

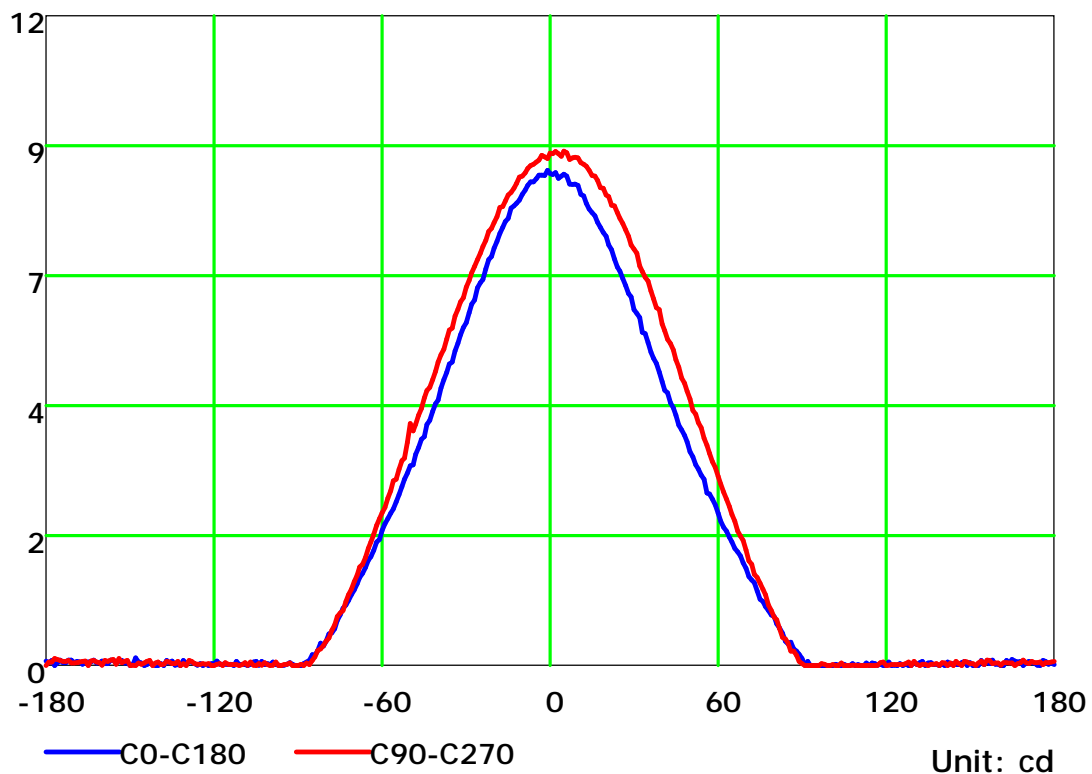
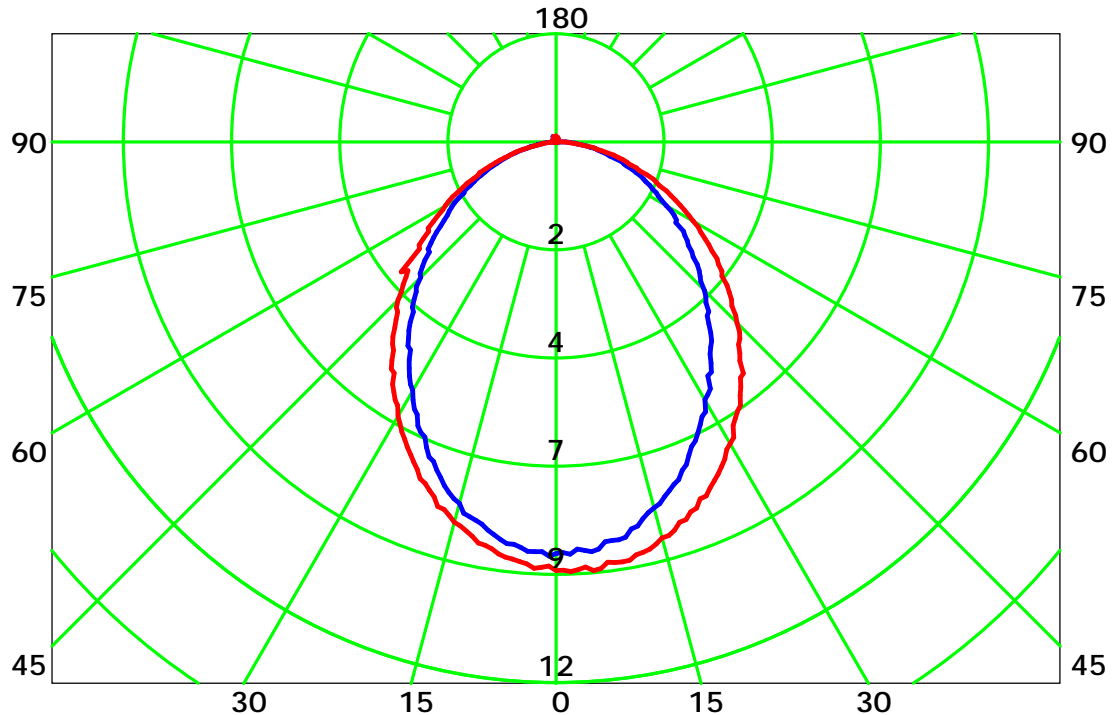
Distance: 9.028 m

Humidity: 60%

Inspector:



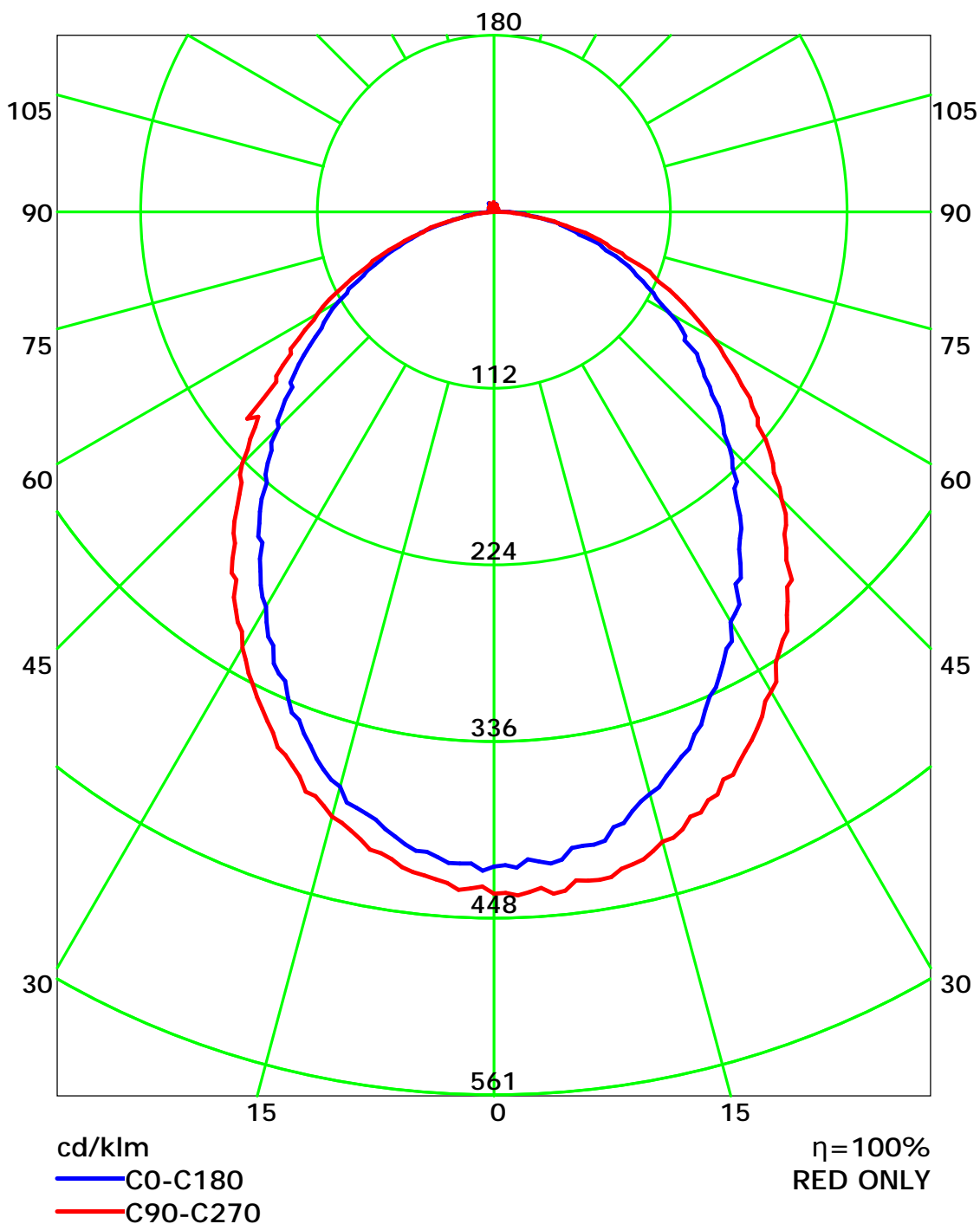
Luminous Intensity Distribution Curve



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:

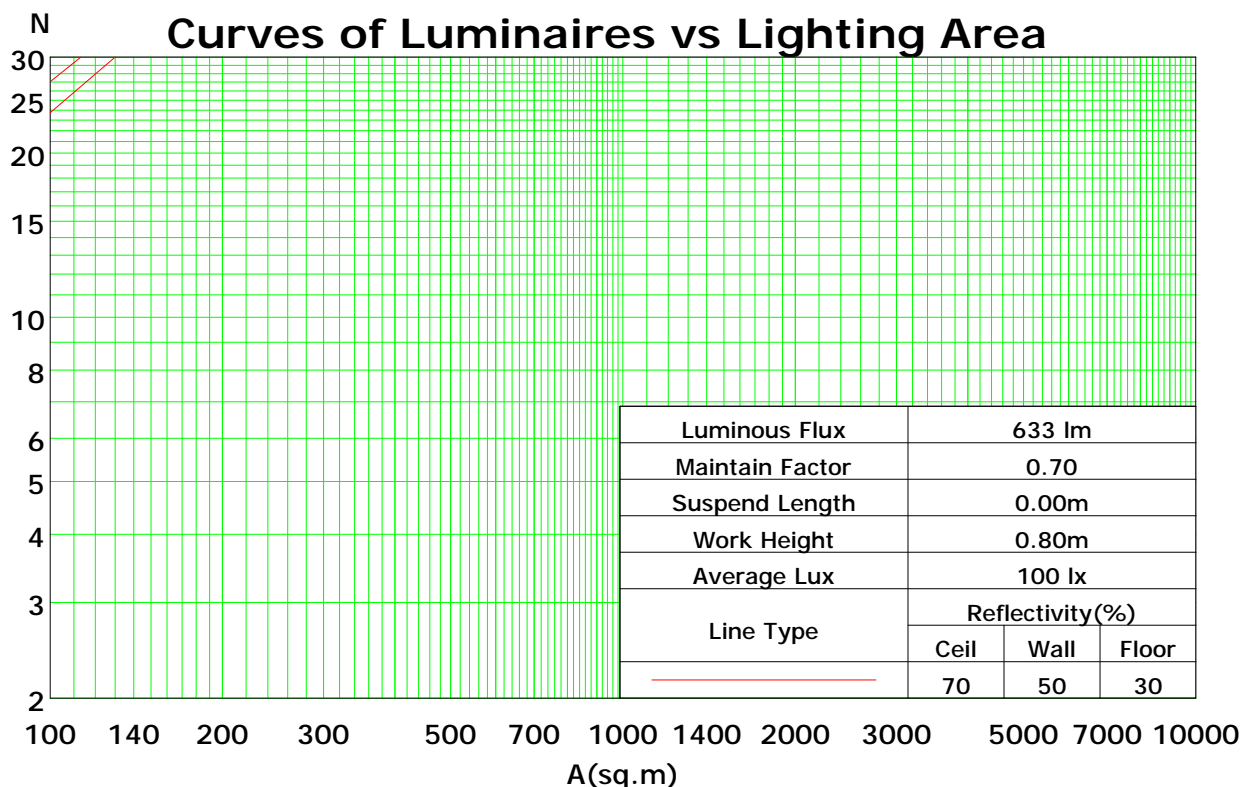
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	109	105	101	97	106	102	99	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	80	72	67	77	70	65	74	68	64	71	67	63	61
4	84	72	64	58	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	42	38	36
8	62	49	41	35	61	48	41	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

Spacing Criteria (0-180): 1.09

Spacing Criteria (90-270): 1.16

Spacing Criteria (Diagonal): 1.25



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

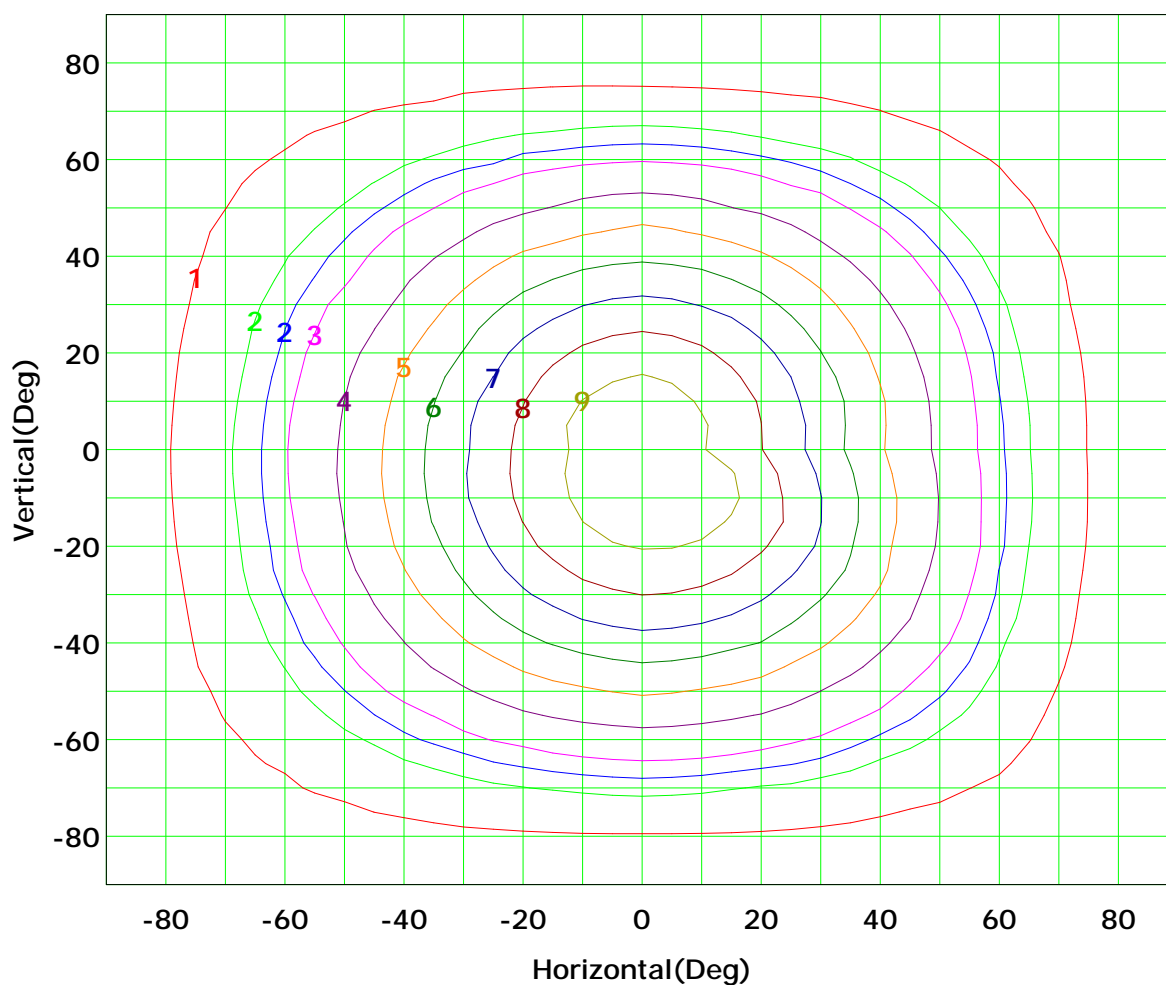
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



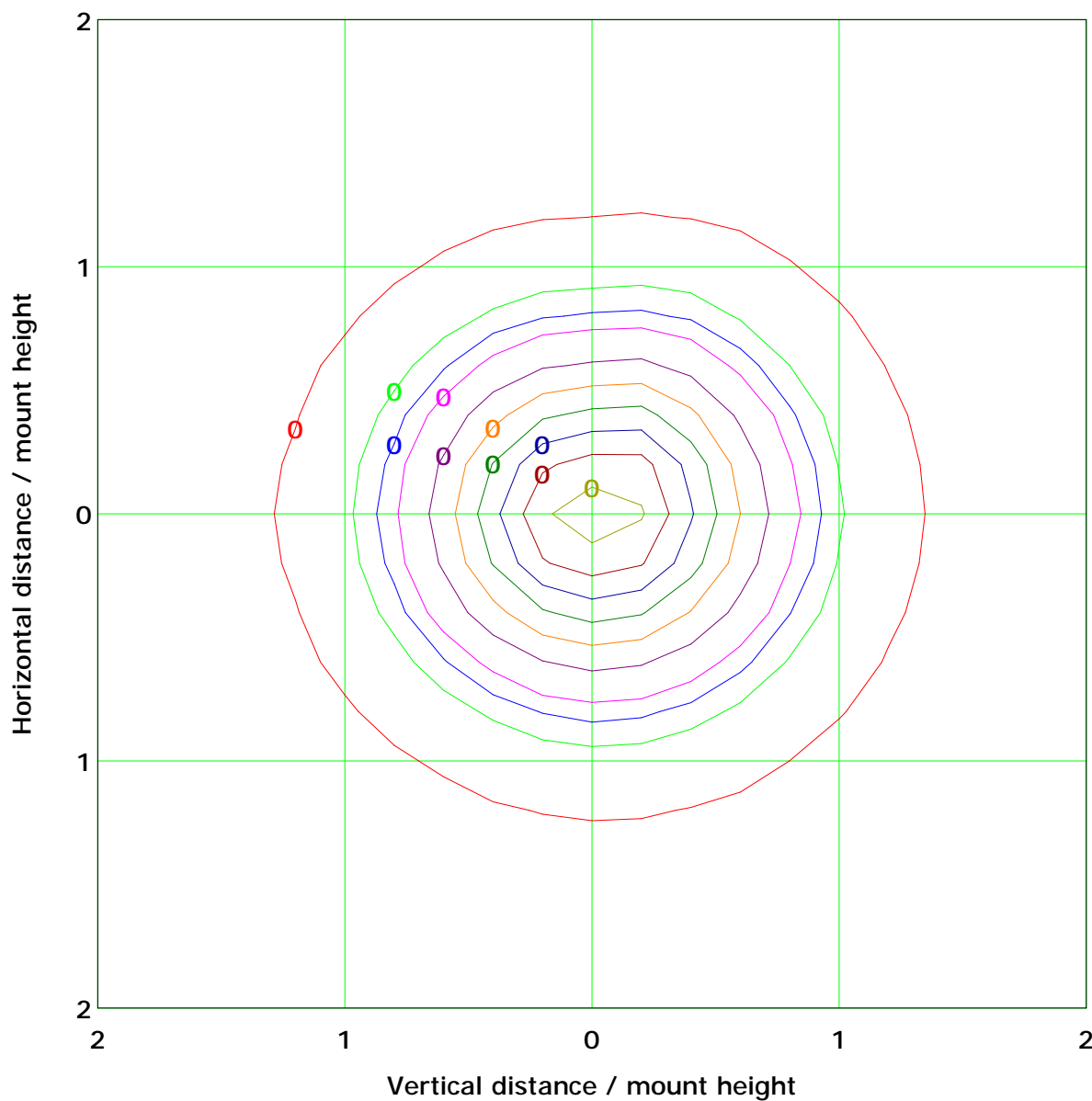
Imax (100%): 10 cd

(10%):	1 cd	(20%):	2 cd
(25%):	2 cd	(30%):	3 cd
(40%):	4 cd	(50%):	5 cd
(60%):	6 cd	(70%):	7 cd
(80%):	8 cd	(90%):	9 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%): 0.4 lx

(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.2 lx	(50%): 0.2 lx
(60%): 0.2 lx	(70%): 0.3 lx
(80%): 0.3 lx	(90%): 0.4 lx

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

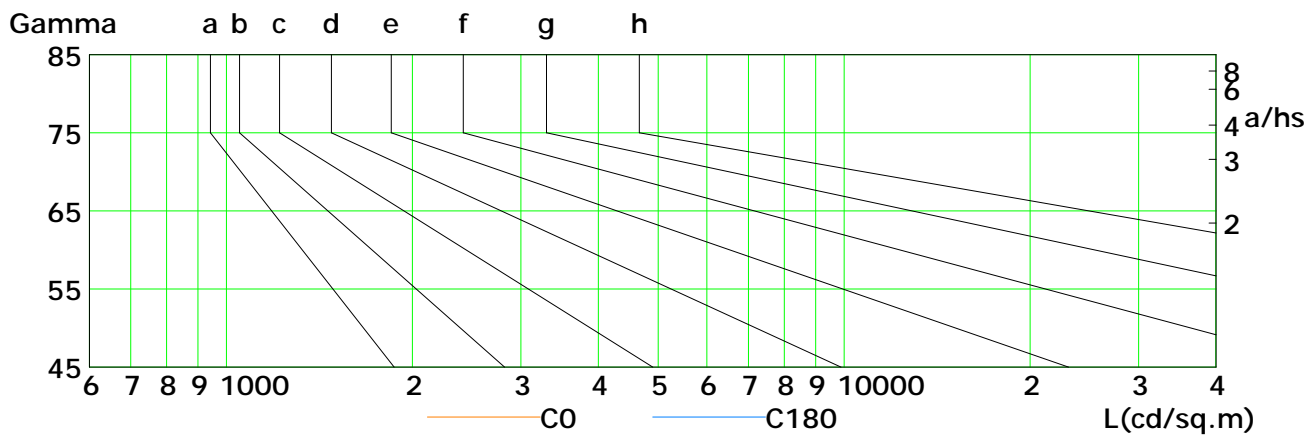
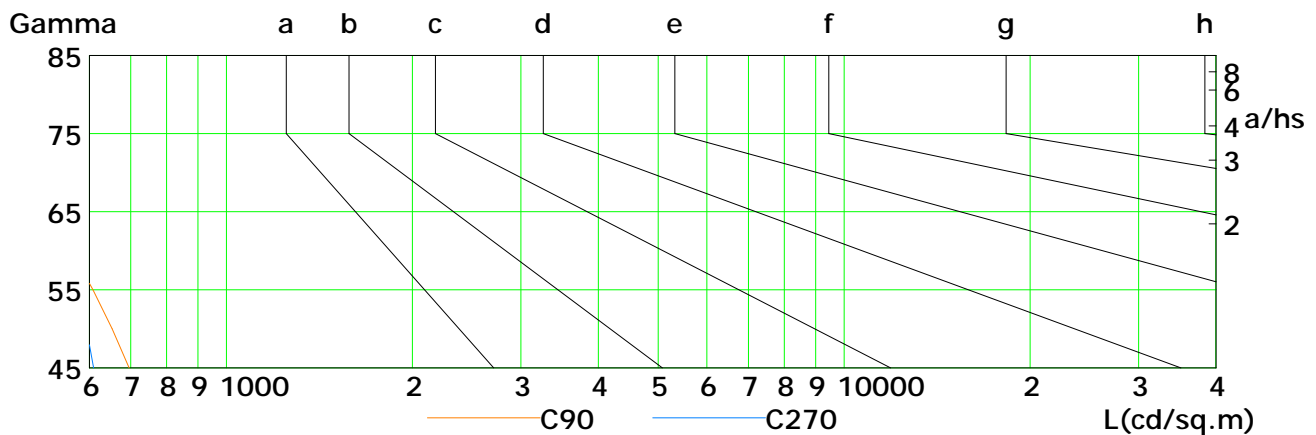
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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



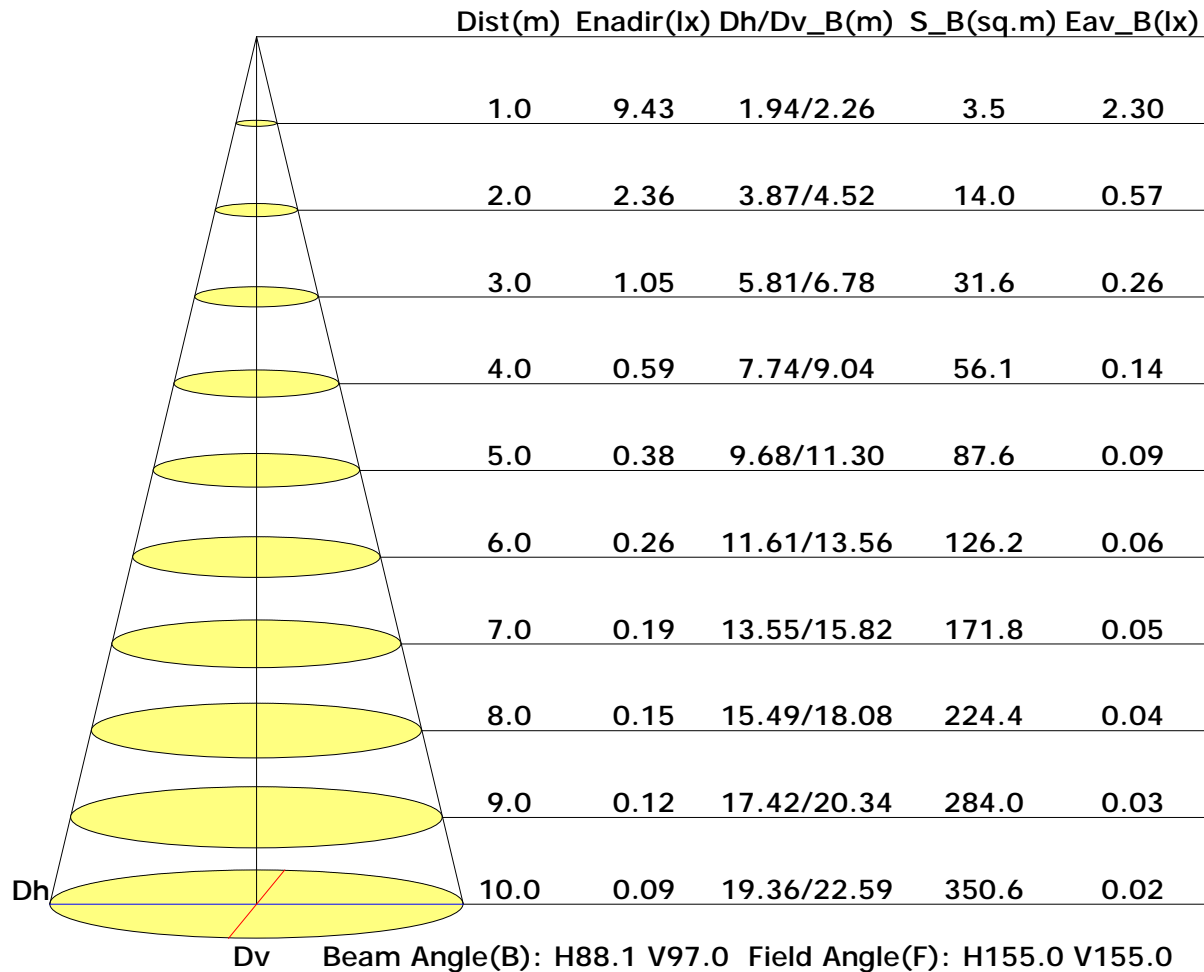
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	302	257	225	187	155	126	89	69	33
C90	696	653	608	562	508	452	388	290	190
C180	276	240	198	166	132	98	68	34	16
C270	610	593	498	453	394	328	248	147	43

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:



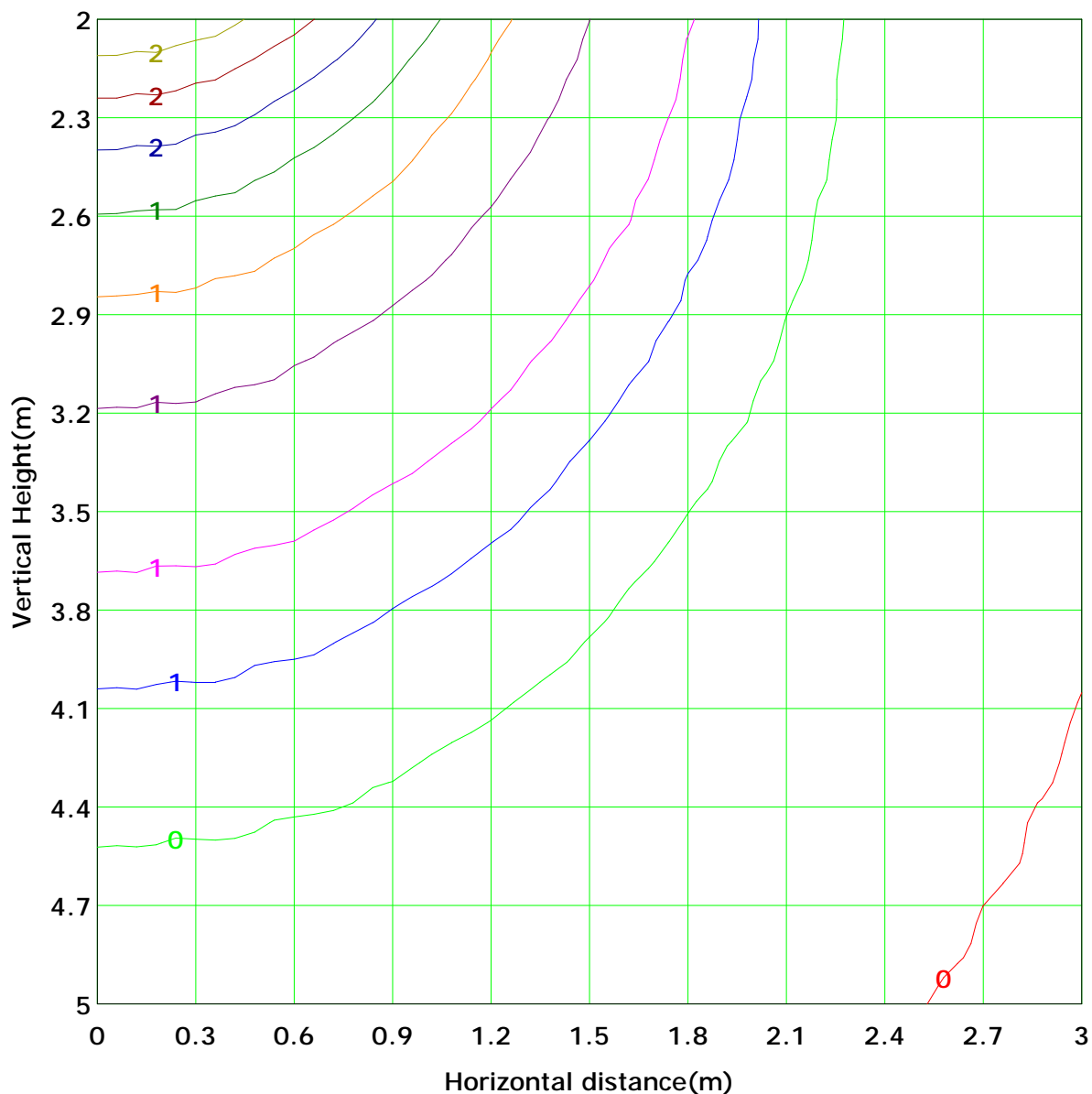
Illuminance at a Distance



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: 2.4 lx
(10%): 0.2 lx	(20%): 0.5 lx	
(25%): 0.6 lx	(30%): 0.7 lx	
(40%): 0.9 lx	(50%): 1.2 lx	
(60%): 1.4 lx	(70%): 1.7 lx	
(80%): 1.9 lx	(90%): 2.1 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

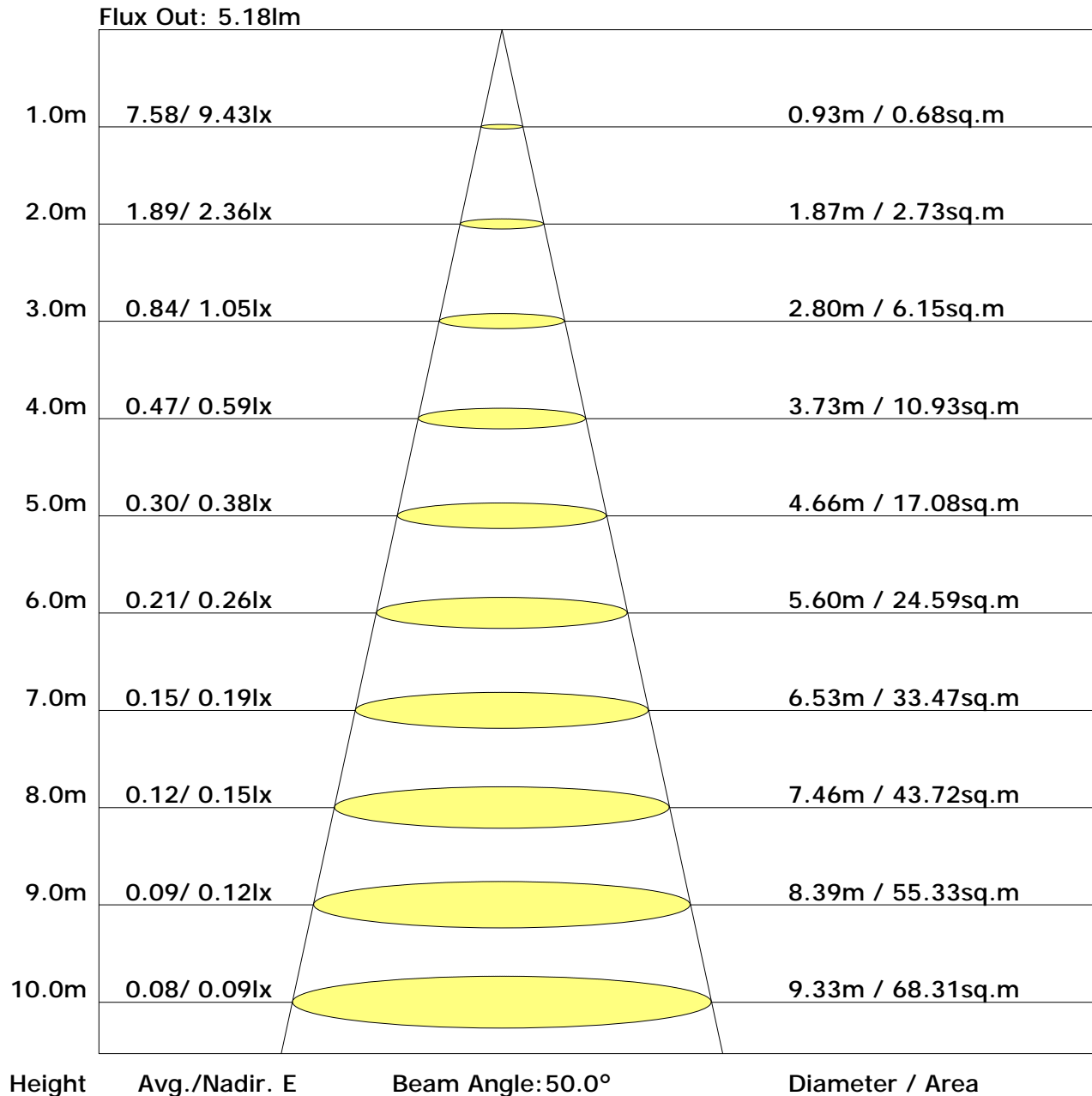
		Vertical plane																			
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)
Horizontal plane	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Flux(T)	0.0	0.1	0.3	0.6	1.0	1.1	1.5	2.1	2.6	2.8	2.8	2.5	2.1	1.5	1.0	0.6	0.3	0.1	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22

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	20.9	22.5	21.3	22.8	23.1	20.7	22.2	21.1	22.6	22.9
3H	22.6	24.0	23.0	24.4	24.7	22.0	23.4	22.4	23.7	24.1
4H	23.2	24.5	23.6	24.9	25.3	22.4	23.7	22.8	24.1	24.5
6H	23.7	24.9	24.1	25.3	25.7	22.6	23.9	23.1	24.2	24.7
8H	23.9	25.0	24.3	25.4	25.9	22.7	23.9	23.1	24.3	24.7
12H	24.0	25.1	24.4	25.5	25.9	22.7	23.8	23.1	24.2	24.7
X=4H Y=2H	21.2	22.6	21.7	22.9	23.3	21.2	22.5	21.6	22.9	23.3
3H	23.1	24.2	23.5	24.6	25.0	22.7	23.8	23.1	24.2	24.6
4H	23.8	24.8	24.2	25.2	25.6	23.2	24.2	23.6	24.6	25.1
6H	24.3	25.2	24.8	25.7	26.1	23.5	24.4	24.0	24.8	25.3
8H	24.5	25.4	25.0	25.8	26.3	23.6	24.4	24.1	24.8	25.3
12H	24.7	25.4	25.2	25.9	26.4	23.6	24.3	24.1	24.8	25.3
X=8H Y=4H	23.9	24.7	24.3	25.1	25.6	23.4	24.2	23.9	24.6	25.1
6H	24.5	25.2	25.0	25.7	26.2	23.8	24.4	24.3	25.0	25.5
8H	24.7	25.3	25.3	25.9	26.4	23.9	24.5	24.4	25.0	25.5
12H	24.9	25.4	25.4	25.9	26.5	24.0	24.5	24.5	25.0	25.6
X=12H Y=4H	23.9	24.6	24.3	25.1	25.6	23.4	24.1	23.9	24.6	25.1
6H	24.5	25.1	25.0	25.6	26.1	23.8	24.4	24.3	24.9	25.5
8H	24.7	25.3	25.3	25.8	26.4	23.9	24.5	24.5	25.0	25.6

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 = 1.25								
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		0.53	0.63	0.70	0.76	0.83	0.89	0.92	0.97	1.01
	0.20		0.47	0.57	0.65	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.75	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.52	0.62	0.69	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.57	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.51	0.60	0.67	0.72	0.79	0.83	0.87	0.91	0.94
	0.20		0.47	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92
0.00	0.00	0.00	0.44	0.54	0.60	0.65	0.72	0.76	0.80	0.84	0.87
Rating: 4W 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	0.94	0.78	0.66	0.57	0.46	0.38	0.32	0.25	0.20	
	0.30		0.79	0.66	0.57	0.51	0.41	0.35	0.30	0.24	0.19	
	0.20		0.67	0.58	0.51	0.45	0.38	0.32	0.28	0.22	0.19	
0.50	0.50	0.20	0.91	0.74	0.63	0.55	0.43	0.39	0.31	0.24	0.19	
	0.30		0.77	0.64	0.56	0.49	0.40	0.33	0.29	0.22	0.19	
	0.20		0.67	0.57	0.50	0.44	0.37	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.34	0.29	0.22	0.18	
	0.30		0.75	0.63	0.54	0.47	0.38	0.32	0.27	0.21	0.18	
	0.20		0.66	0.56	0.49	0.43	0.36	0.30	0.26	0.20	0.17	
0.00	0.00	0.00	0.55	0.46	0.39	0.34	0.28	0.23	0.20	0.15	0.13	
<p>Rating: 4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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	0.15	0.17	0.17	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	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	0.11	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: 4W 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	9.7	0.0	0.0	0.04	0.04
1.0-2.0	9.7	0.0	0.0	0.12	0.16
2.0-3.0	9.7	0.0	0.1	0.20	0.37
3.0-4.0	9.7	0.1	0.1	0.29	0.65
4.0-5.0	9.7	0.1	0.2	0.37	1.02
5.0-6.0	9.6	0.1	0.3	0.45	1.47
6.0-7.0	9.6	0.1	0.5	0.52	1.99
7.0-8.0	9.5	0.1	0.6	0.60	2.59
8.0-9.0	9.5	0.2	0.7	0.68	3.27
9.0-10.0	9.4	0.2	0.9	0.75	4.03
10.0-11.0	9.4	0.2	1.1	0.83	4.85
11.0-12.0	9.3	0.2	1.3	0.90	5.75
12.0-13.0	9.2	0.2	1.5	0.97	6.72
13.0-14.0	9.1	0.2	1.8	1.03	7.75
14.0-15.0	9.1	0.2	2.0	1.10	8.85
15.0-16.0	9.0	0.3	2.3	1.16	10.01
16.0-17.0	8.9	0.3	2.5	1.22	11.23
17.0-18.0	8.8	0.3	2.8	1.28	12.51
18.0-19.0	8.7	0.3	3.1	1.33	13.84
19.0-20.0	8.6	0.3	3.5	1.39	15.23
20.0-21.0	8.5	0.3	3.8	1.44	16.67
21.0-22.0	8.3	0.3	4.1	1.48	18.15
22.0-23.0	8.2	0.3	4.5	1.53	19.67
23.0-24.0	8.1	0.4	4.8	1.57	21.24
24.0-25.0	8.0	0.4	5.2	1.60	22.84
25.0-26.0	7.9	0.4	5.5	1.64	24.48
26.0-27.0	7.7	0.4	5.9	1.67	26.15
27.0-28.0	7.6	0.4	6.3	1.70	27.84
28.0-29.0	7.5	0.4	6.7	1.72	29.57
29.0-30.0	7.3	0.4	7.1	1.74	31.31
30.0-31.0	7.2	0.4	7.5	1.76	33.07
31.0-32.0	7.1	0.4	7.9	1.78	34.86
32.0-33.0	6.9	0.4	8.3	1.79	36.65
33.0-34.0	6.8	0.4	8.7	1.81	38.46
34.0-35.0	6.6	0.4	9.1	1.81	40.27
35.0-36.0	6.5	0.4	9.5	1.82	42.09

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:

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	6.3	0.4	10.0	1.82	43.92
37.0-38.0	6.2	0.4	10.4	1.82	45.74
38.0-39.0	6.0	0.4	10.8	1.82	47.55
39.0-40.0	5.9	0.4	11.2	1.81	49.37
40.0-41.0	5.7	0.4	11.6	1.80	51.17
41.0-42.0	5.6	0.4	12.0	1.80	52.96
42.0-43.0	5.5	0.4	12.4	1.78	54.75
43.0-44.0	5.3	0.4	12.8	1.77	56.52
44.0-45.0	5.2	0.4	13.2	1.75	58.27
45.0-46.0	5.0	0.4	13.6	1.73	60.00
46.0-47.0	4.9	0.4	14.0	1.71	61.71
47.0-48.0	4.7	0.4	14.4	1.69	63.40
48.0-49.0	4.6	0.4	14.7	1.66	65.06
49.0-50.0	4.5	0.4	15.1	1.64	66.70
50.0-51.0	4.3	0.4	15.5	1.61	68.32
51.0-52.0	4.2	0.4	15.8	1.58	69.89
52.0-53.0	4.0	0.4	16.2	1.55	71.44
53.0-54.0	3.9	0.3	16.5	1.52	72.96
54.0-55.0	3.8	0.3	16.9	1.48	74.44
55.0-56.0	3.6	0.3	17.2	1.44	75.89
56.0-57.0	3.5	0.3	17.5	1.41	77.30
57.0-58.0	3.4	0.3	17.8	1.37	78.67
58.0-59.0	3.2	0.3	18.1	1.33	80.00
59.0-60.0	3.1	0.3	18.4	1.29	81.29
60.0-61.0	3.0	0.3	18.7	1.25	82.54
61.0-62.0	2.8	0.3	19.0	1.20	83.75
62.0-63.0	2.7	0.3	19.2	1.16	84.91
63.0-64.0	2.6	0.3	19.5	1.12	86.03
64.0-65.0	2.5	0.2	19.7	1.08	87.10
65.0-66.0	2.3	0.2	20.0	1.03	88.13
66.0-67.0	2.2	0.2	20.2	0.98	89.11
67.0-68.0	2.1	0.2	20.4	0.93	90.04
68.0-69.0	2.0	0.2	20.6	0.89	90.93
69.0-70.0	1.9	0.2	20.8	0.84	91.78
70.0-71.0	1.7	0.2	21.0	0.79	92.57
71.0-72.0	1.6	0.2	21.1	0.74	93.31

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	1.5	0.2	21.3	0.69	94.01
73.0-74.0	1.4	0.1	21.5	0.64	94.65
74.0-75.0	1.3	0.1	21.6	0.60	95.25
75.0-76.0	1.2	0.1	21.7	0.55	95.80
76.0-77.0	1.1	0.1	21.8	0.51	96.31
77.0-78.0	1.0	0.1	21.9	0.46	96.77
78.0-79.0	0.9	0.1	22.0	0.41	97.17
79.0-80.0	0.8	0.1	22.1	0.37	97.54
80.0-81.0	0.7	0.1	22.2	0.32	97.86
81.0-82.0	0.6	0.1	22.2	0.28	98.15
82.0-83.0	0.5	0.1	22.3	0.24	98.39
83.0-84.0	0.4	0.0	22.3	0.20	98.58
84.0-85.0	0.3	0.0	22.4	0.16	98.74
85.0-86.0	0.3	0.0	22.4	0.12	98.87
86.0-87.0	0.2	0.0	22.4	0.09	98.96
87.0-88.0	0.2	0.0	22.4	0.07	99.03
88.0-89.0	0.1	0.0	22.5	0.05	99.09
89.0-90.0	0.1	0.0	22.5	0.03	99.12
90.0-91.0	0.0	0.0	22.5	0.01	99.13
91.0-92.0	0.0	0.0	22.5	0.01	99.14
92.0-93.0	0.0	0.0	22.5	0.01	99.15
93.0-94.0	0.0	0.0	22.5	0.01	99.17
94.0-95.0	0.0	0.0	22.5	0.01	99.17
95.0-96.0	0.0	0.0	22.5	0.00	99.18
96.0-97.0	0.0	0.0	22.5	0.01	99.18
97.0-98.0	0.0	0.0	22.5	0.01	99.19
98.0-99.0	0.0	0.0	22.5	0.01	99.20
99.0-100.0	0.0	0.0	22.5	0.01	99.20
100.0-101.0	0.0	0.0	22.5	0.01	99.21
101.0-102.0	0.0	0.0	22.5	0.01	99.22
102.0-103.0	0.0	0.0	22.5	0.01	99.23
103.0-104.0	0.0	0.0	22.5	0.01	99.24
104.0-105.0	0.0	0.0	22.5	0.01	99.25
105.0-106.0	0.0	0.0	22.5	0.01	99.26
106.0-107.0	0.0	0.0	22.5	0.01	99.27
107.0-108.0	0.0	0.0	22.5	0.01	99.28

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	0.0	0.0	22.5	0.01	99.29
109.0-110.0	0.0	0.0	22.5	0.01	99.29
110.0-111.0	0.0	0.0	22.5	0.01	99.30
111.0-112.0	0.0	0.0	22.5	0.01	99.31
112.0-113.0	0.0	0.0	22.5	0.01	99.33
113.0-114.0	0.0	0.0	22.5	0.01	99.33
114.0-115.0	0.0	0.0	22.5	0.01	99.34
115.0-116.0	0.0	0.0	22.5	0.01	99.36
116.0-117.0	0.0	0.0	22.5	0.01	99.37
117.0-118.0	0.0	0.0	22.5	0.01	99.38
118.0-119.0	0.0	0.0	22.5	0.01	99.39
119.0-120.0	0.0	0.0	22.5	0.01	99.40
120.0-121.0	0.0	0.0	22.5	0.01	99.41
121.0-122.0	0.0	0.0	22.5	0.01	99.42
122.0-123.0	0.0	0.0	22.5	0.01	99.43
123.0-124.0	0.0	0.0	22.5	0.01	99.44
124.0-125.0	0.0	0.0	22.5	0.01	99.45
125.0-126.0	0.0	0.0	22.5	0.01	99.47
126.0-127.0	0.0	0.0	22.5	0.01	99.48
127.0-128.0	0.0	0.0	22.6	0.01	99.49
128.0-129.0	0.0	0.0	22.6	0.02	99.51
129.0-130.0	0.0	0.0	22.6	0.02	99.53
130.0-131.0	0.0	0.0	22.6	0.01	99.54
131.0-132.0	0.0	0.0	22.6	0.01	99.55
132.0-133.0	0.0	0.0	22.6	0.02	99.57
133.0-134.0	0.0	0.0	22.6	0.01	99.58
134.0-135.0	0.0	0.0	22.6	0.01	99.59
135.0-136.0	0.0	0.0	22.6	0.02	99.61
136.0-137.0	0.0	0.0	22.6	0.01	99.63
137.0-138.0	0.0	0.0	22.6	0.01	99.64
138.0-139.0	0.0	0.0	22.6	0.01	99.65
139.0-140.0	0.0	0.0	22.6	0.01	99.66
140.0-141.0	0.0	0.0	22.6	0.01	99.67
141.0-142.0	0.0	0.0	22.6	0.01	99.68
142.0-143.0	0.0	0.0	22.6	0.01	99.69
143.0-144.0	0.0	0.0	22.6	0.01	99.71

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 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	22.6	0.01	99.72
145.0-146.0	0.0	0.0	22.6	0.01	99.73
146.0-147.0	0.0	0.0	22.6	0.01	99.75
147.0-148.0	0.1	0.0	22.6	0.02	99.76
148.0-149.0	0.1	0.0	22.6	0.01	99.78
149.0-150.0	0.0	0.0	22.6	0.01	99.79
150.0-151.0	0.0	0.0	22.6	0.01	99.80
151.0-152.0	0.0	0.0	22.6	0.01	99.81
152.0-153.0	0.0	0.0	22.6	0.01	99.82
153.0-154.0	0.1	0.0	22.6	0.01	99.83
154.0-155.0	0.1	0.0	22.6	0.01	99.84
155.0-156.0	0.1	0.0	22.6	0.01	99.85
156.0-157.0	0.1	0.0	22.6	0.02	99.87
157.0-158.0	0.1	0.0	22.6	0.01	99.88
158.0-159.0	0.1	0.0	22.6	0.01	99.89
159.0-160.0	0.0	0.0	22.6	0.01	99.90
160.0-161.0	0.0	0.0	22.6	0.01	99.91
161.0-162.0	0.0	0.0	22.6	0.01	99.92
162.0-163.0	0.1	0.0	22.6	0.01	99.92
163.0-164.0	0.1	0.0	22.7	0.01	99.93
164.0-165.0	0.1	0.0	22.7	0.01	99.94
165.0-166.0	0.1	0.0	22.7	0.01	99.95
166.0-167.0	0.1	0.0	22.7	0.01	99.95
167.0-168.0	0.1	0.0	22.7	0.01	99.96
168.0-169.0	0.1	0.0	22.7	0.01	99.97
169.0-170.0	0.1	0.0	22.7	0.01	99.97
170.0-171.0	0.1	0.0	22.7	0.01	99.98
171.0-172.0	0.1	0.0	22.7	0.01	99.98
172.0-173.0	0.1	0.0	22.7	0.00	99.99
173.0-174.0	0.1	0.0	22.7	0.00	99.99
174.0-175.0	0.1	0.0	22.7	0.00	99.99
175.0-176.0	0.1	0.0	22.7	0.00	100.00
176.0-177.0	0.1	0.0	22.7	0.00	100.00
177.0-178.0	0.1	0.0	22.7	0.00	100.00
178.0-179.0	0.1	0.0	22.7	0.00	100.00
179.0-180.0	0.1	0.0	22.7	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: