

Report No.:

Test Time: 2023/10/30 14:43

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Scroll pendants

Luminaire Description: Scroll pendants CC35 VW SO 14W

Lamp Catalog: ALL ON

Luminous Length (mm): 300

Luminous Width (mm): 40

Luminous Height (mm): 30

Voltage: 24.0 V

Current: 0.153 A

Power: 3.66 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 65.7 lm

Measurement Flux: 65.7 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%): H154.9,H90

Vertical Diffuse Angle(10%,50%): V155.3,V97.5

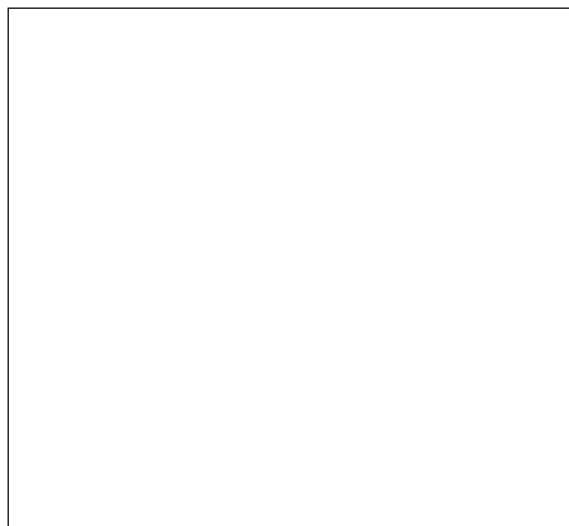
Luminaire Efficacy Rating (LER): 18

Central Intensity: 27.97 cd

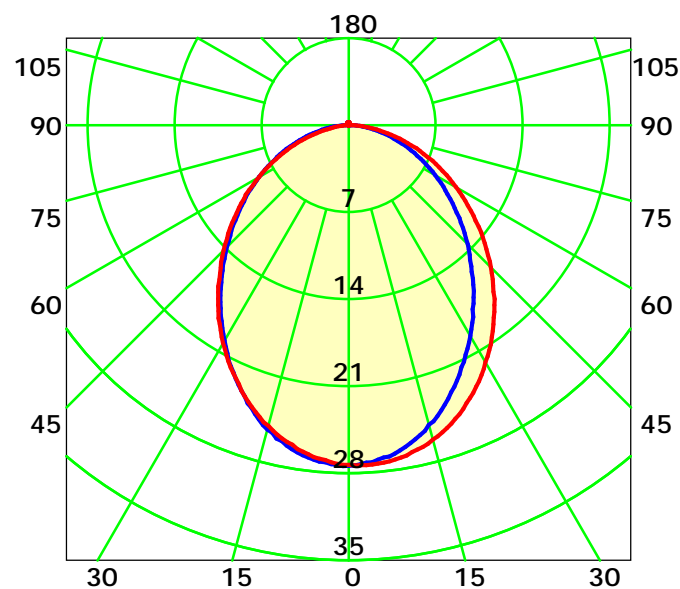
Max. Intensity: 28.02 cd

Pos of Max. Intensity: H120 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 93.7° 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

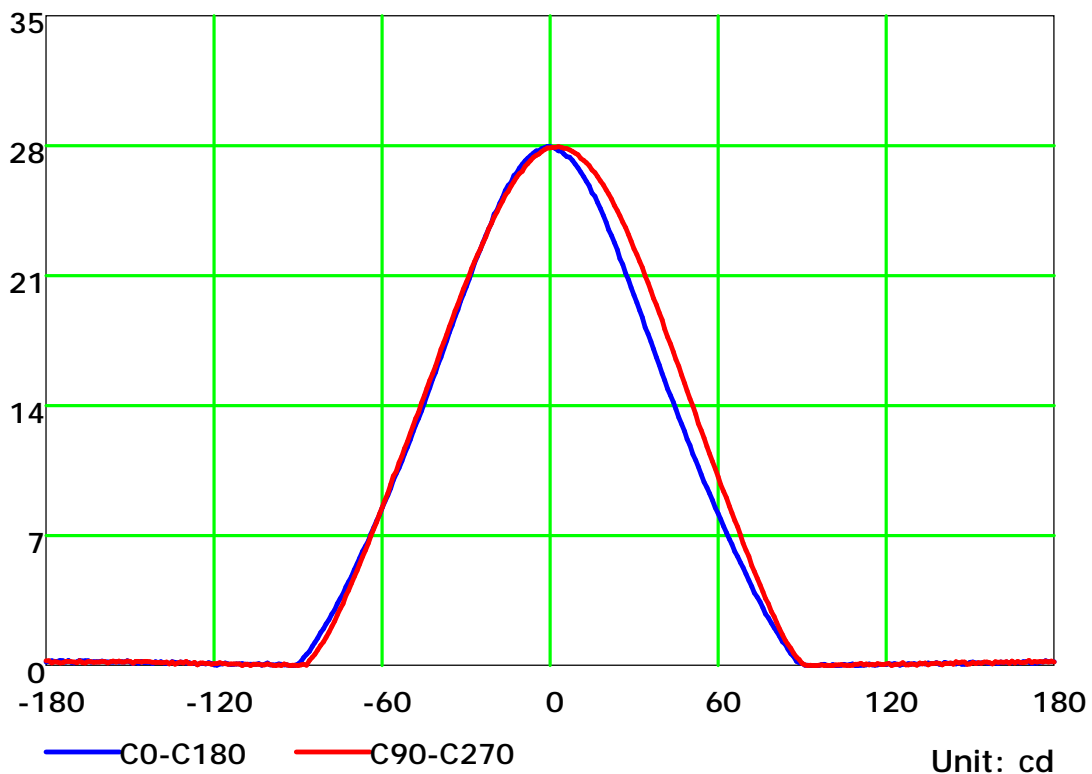
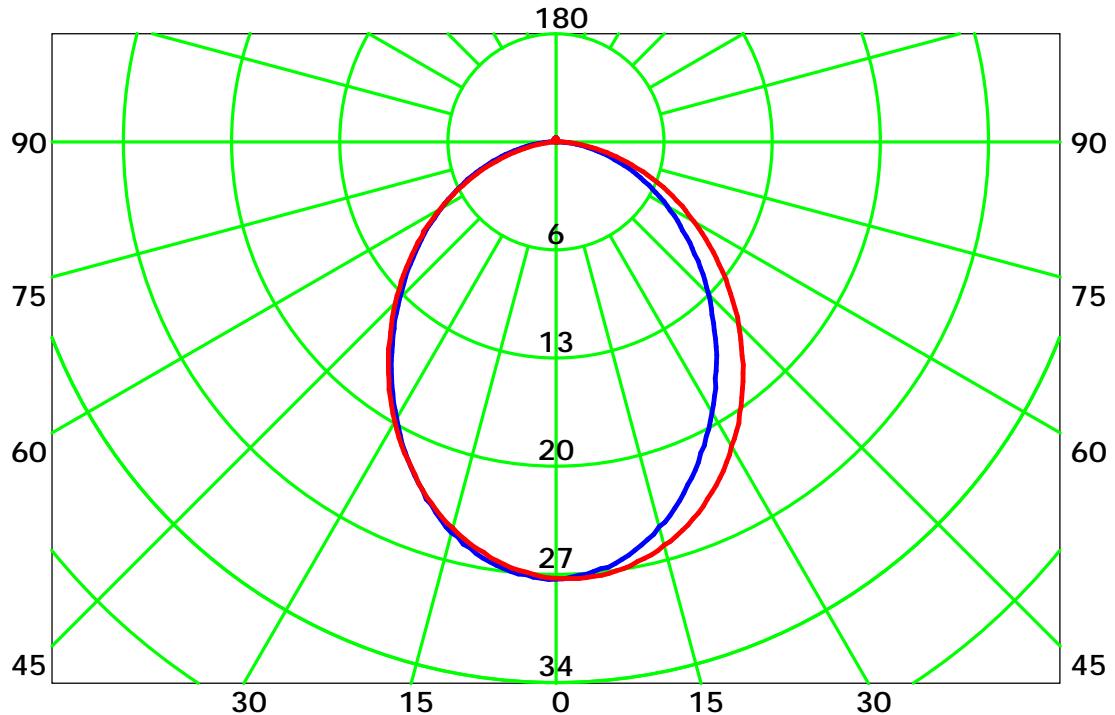
Distance: 9.028 m

Humidity: 60%

Inspector:



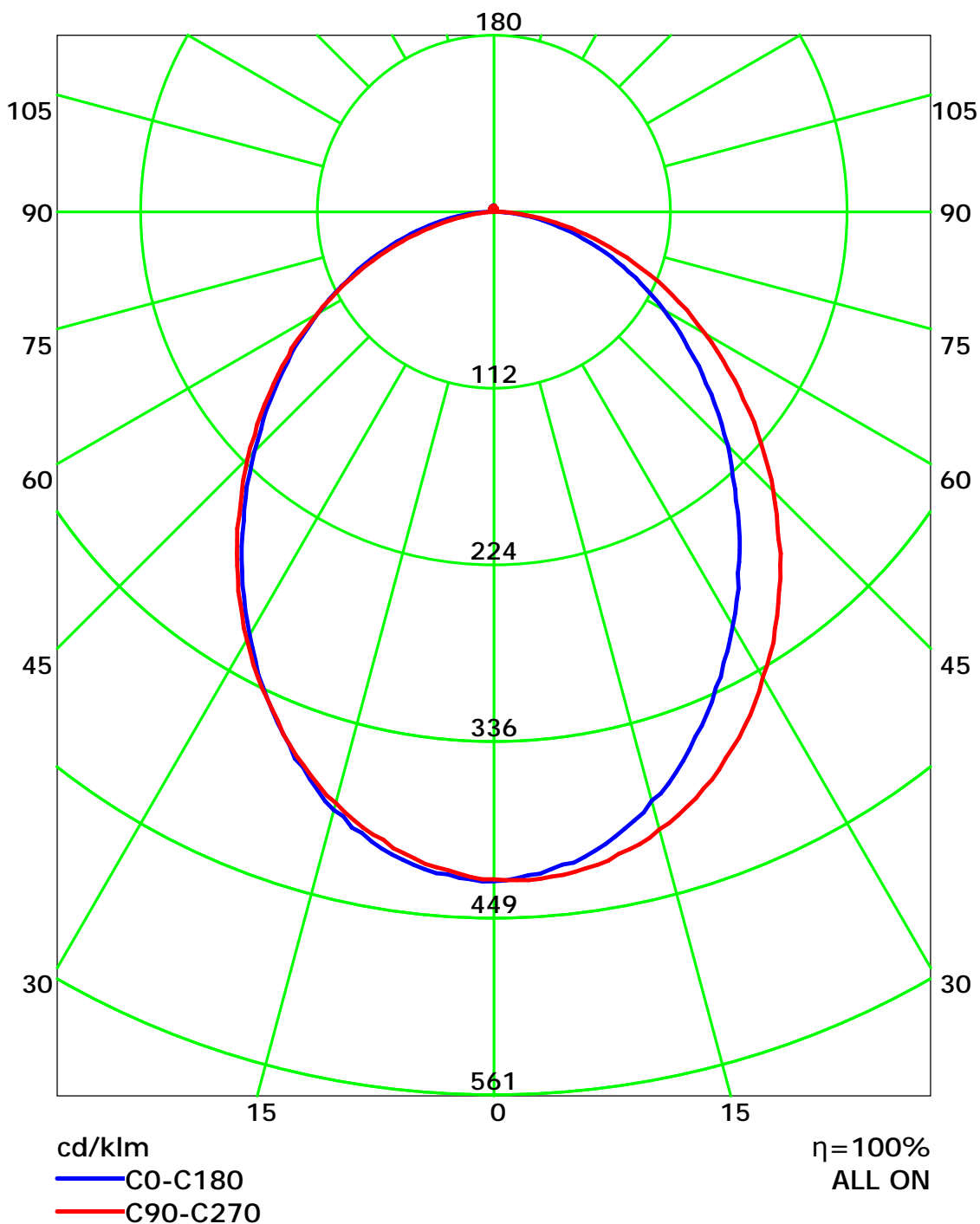
Luminous Intensity Distribution Curve



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:

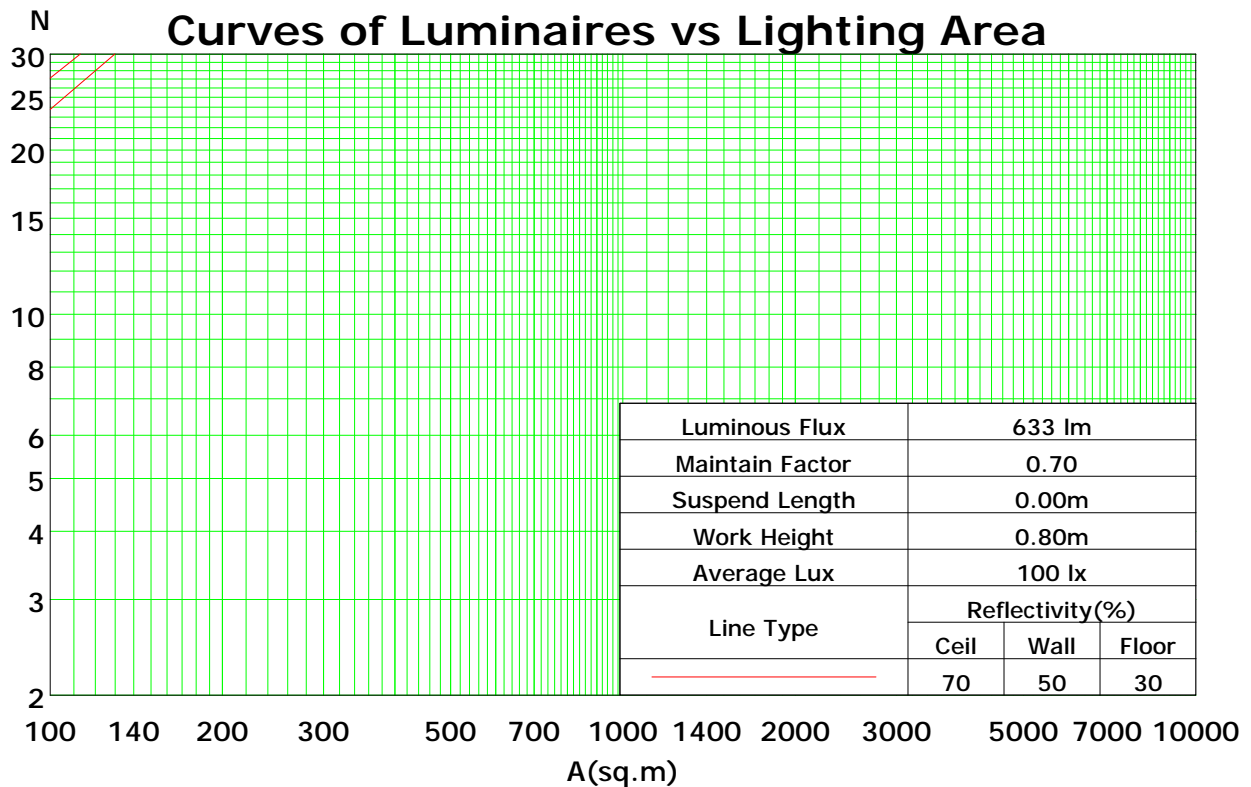
Coefficients Of Utilization - Zonal Cavity Method

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	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): 1.10

Spacing Criteria (90-270): 1.16

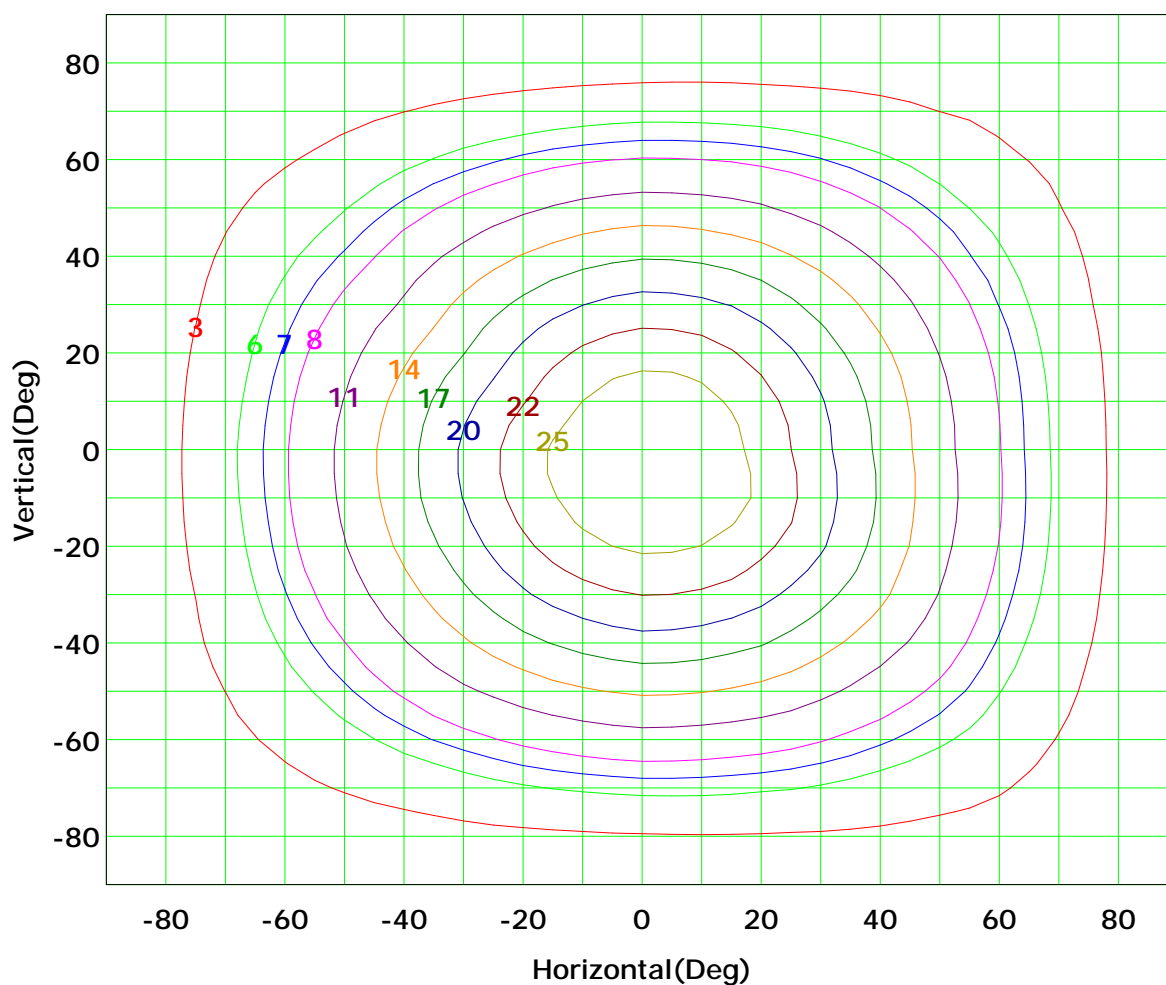
Spacing Criteria (Diagonal): 1.23



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)



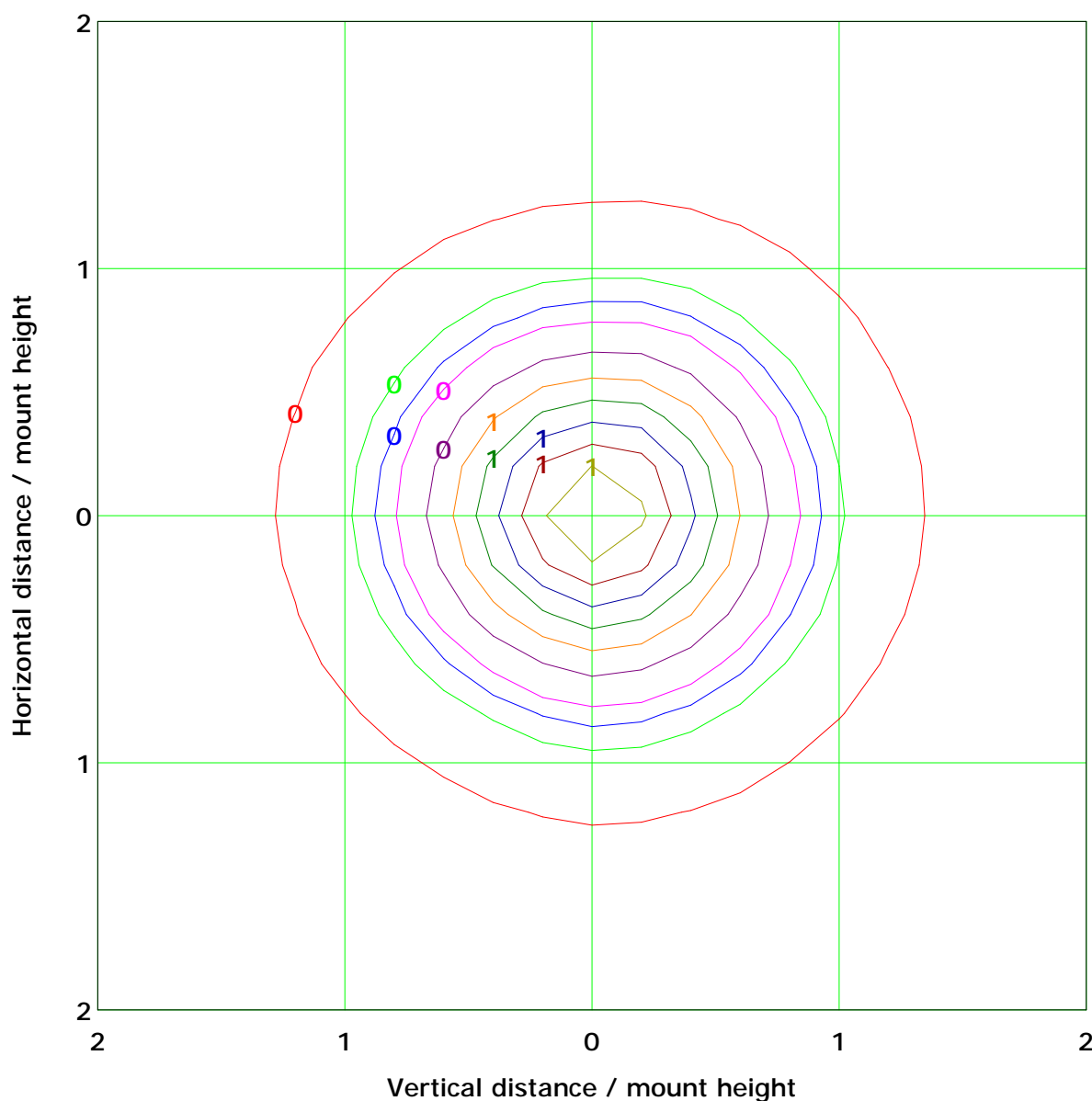
I_{max} (100%): 28 cd

(10%):	3 cd	(20%):	6 cd
(25%):	7 cd	(30%):	8 cd
(40%):	11 cd	(50%):	14 cd
(60%):	17 cd	(70%):	20 cd
(80%):	22 cd	(90%):	25 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%): 1.1 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.3 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.6 lx
(60%): 0.7 lx	(70%): 0.8 lx
(80%): 0.9 lx	(90%): 1.0 lx

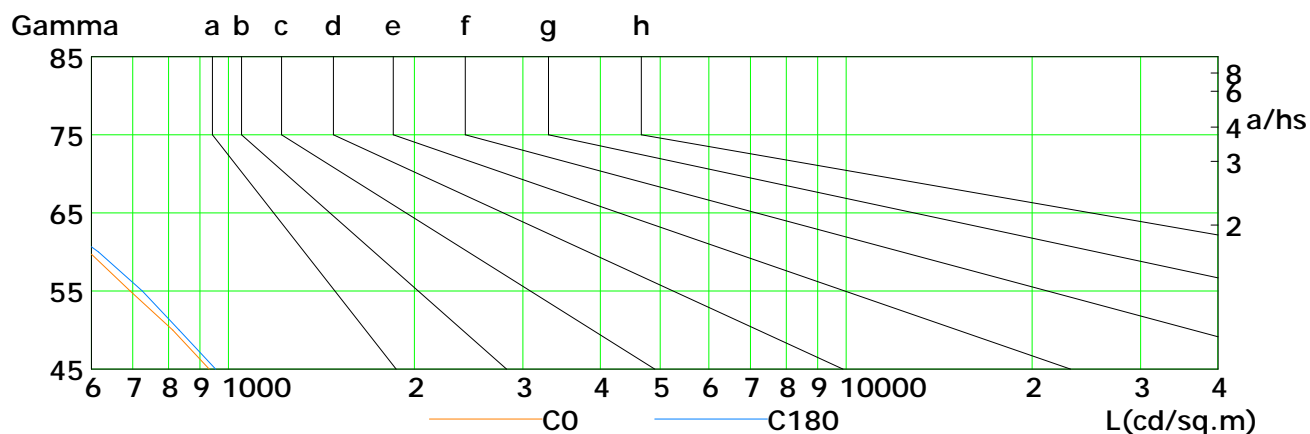
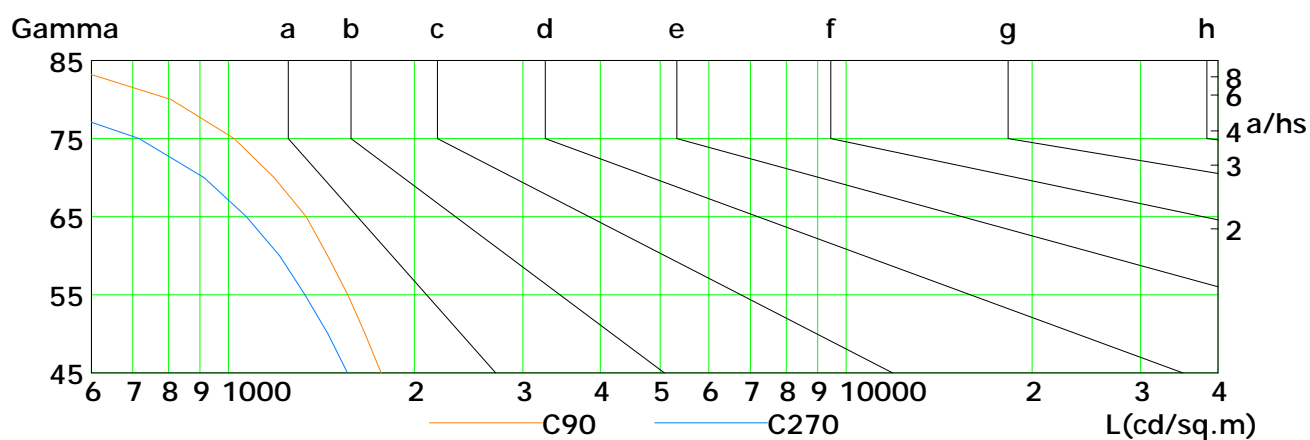
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

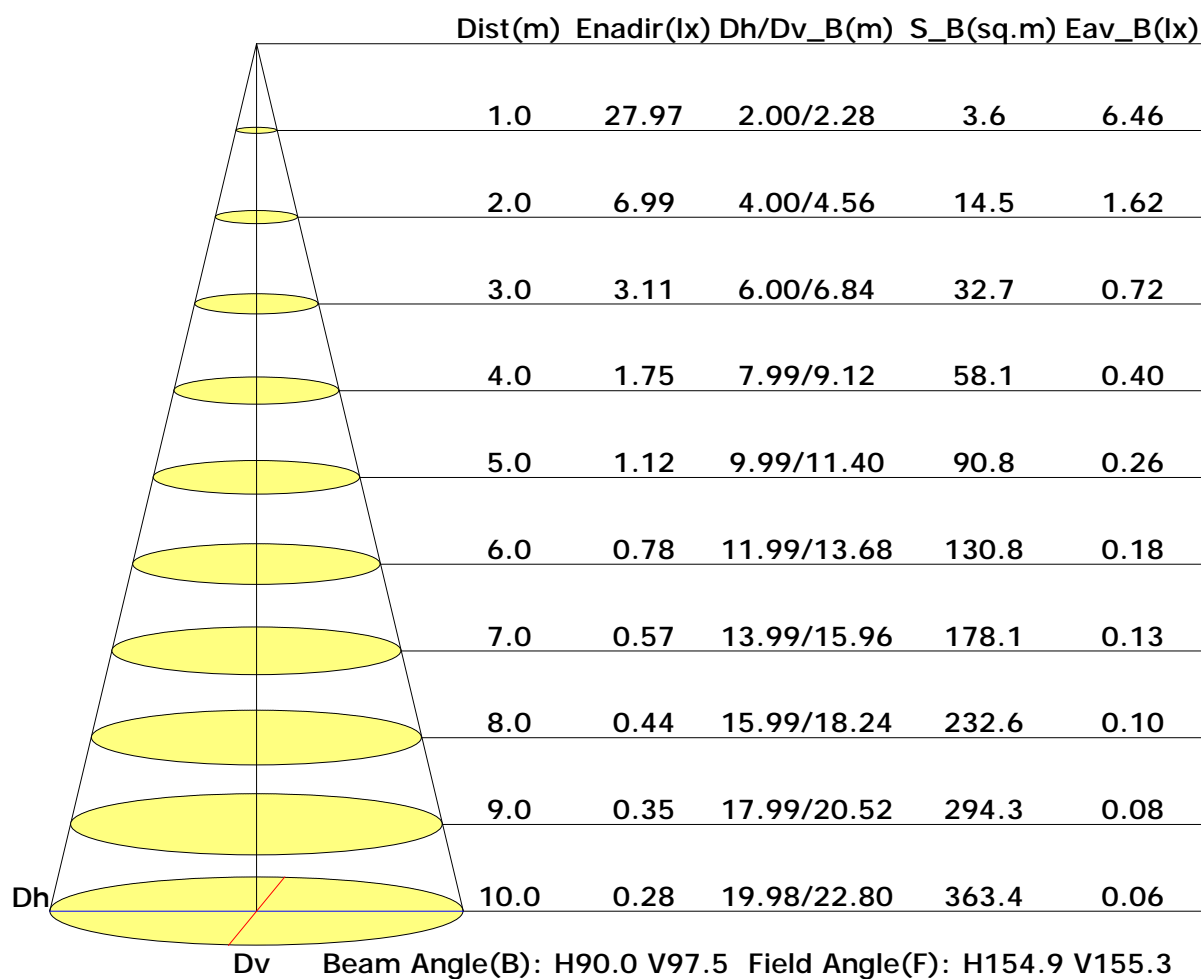


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	931	813	694	594	495	394	292	187	88
C90	1768	1665	1561	1448	1336	1187	1022	808	509
C180	954	832	725	616	508	411	307	206	105
C270	1559	1450	1330	1210	1070	914	717	469	201

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:

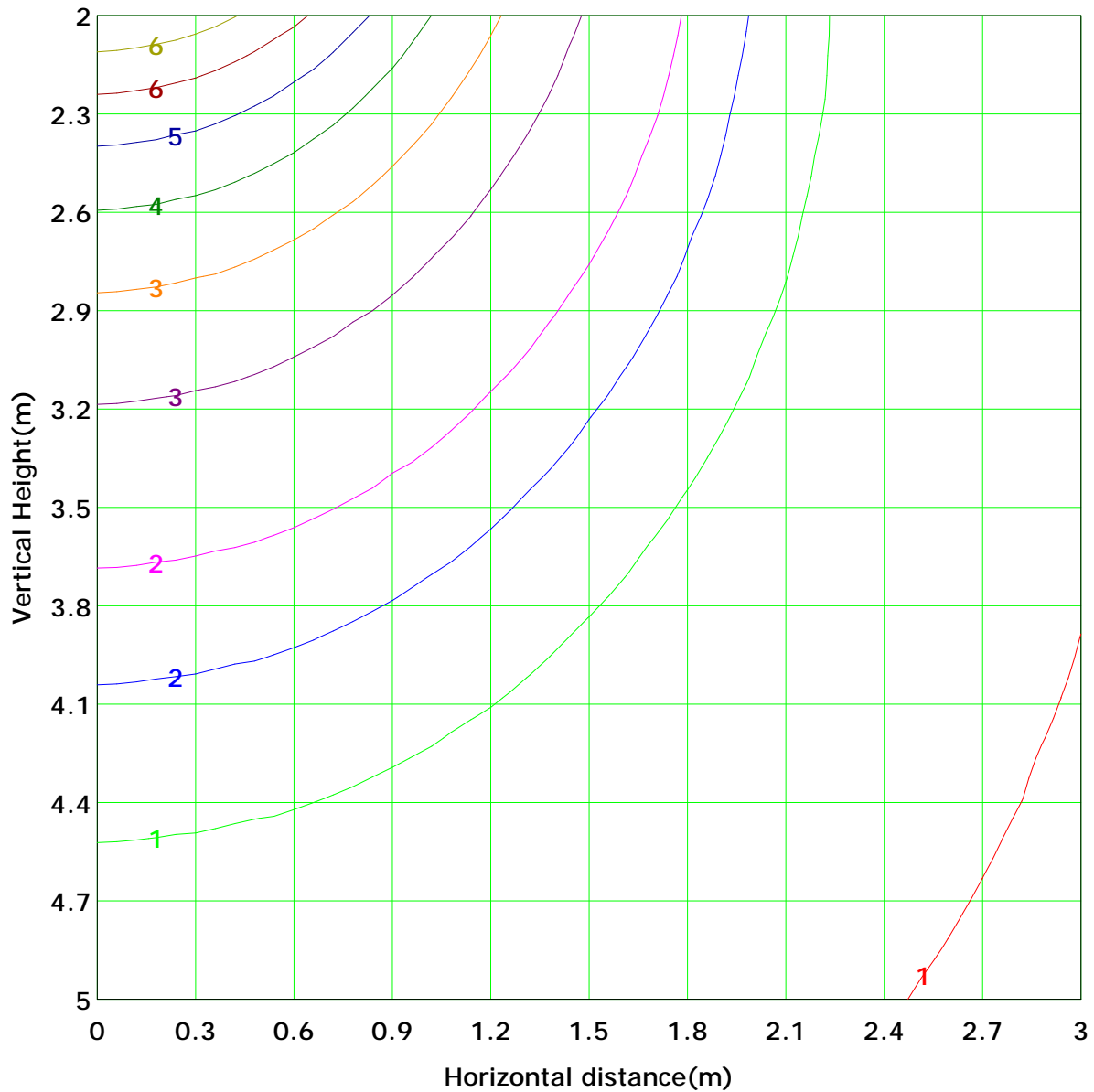
Illuminance at a Distance



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: 7.0 lx
(10%): 0.7 lx	(20%): 1.4 lx	(30%): 2.1 lx
(25%): 1.7 lx	(40%): 2.8 lx	(50%): 3.5 lx
(60%): 4.2 lx	(70%): 4.9 lx	(90%): 6.3 lx
(80%): 5.6 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

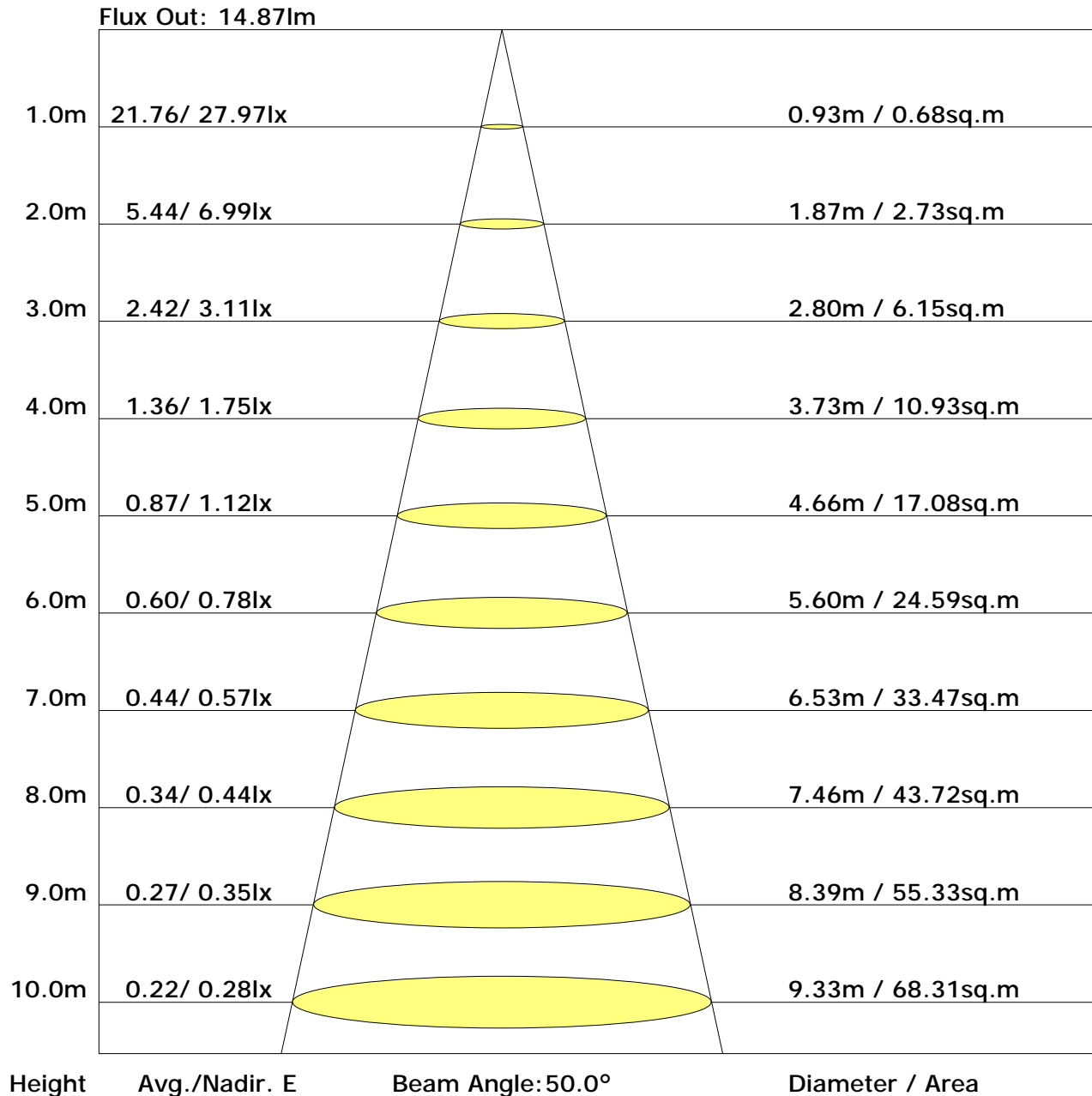
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	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
	-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	0.3	1.0	2.0	3.3	4.8	6.3	7.5	8.2	8.1	7.2	5.9	4.4	3.0	1.8	0.9	0.3	0.0	0.0	65	
	Flux(E)	0.0	0.2	0.9	1.9	3.2	4.7	6.2	7.5	8.1	8.0	7.1	5.8	4.3	2.9	1.7	0.8	0.2	0.0	0.0		63

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	20.7	22.2	21.1	22.6	22.9	20.9	22.4	21.3	22.8	23.1
3H	22.3	23.7	22.6	24.0	24.4	22.2	23.6	22.6	24.0	24.4
4H	22.8	24.1	23.2	24.5	24.9	22.7	24.0	23.1	24.4	24.8
6H	23.2	24.4	23.6	24.8	25.2	22.9	24.1	23.3	24.5	24.9
8H	23.3	24.4	23.7	24.9	25.3	23.0	24.1	23.4	24.5	25.0
12H	23.3	24.5	23.8	24.9	25.3	23.0	24.1	23.4	24.5	25.0
X=4H Y=2H	21.0	22.4	21.5	22.7	23.1	21.4	22.7	21.8	23.1	23.5
3H	22.7	23.8	23.2	24.3	24.7	22.9	24.0	23.4	24.5	24.9
4H	23.4	24.4	23.8	24.8	25.3	23.5	24.5	23.9	24.9	25.4
6H	23.8	24.7	24.3	25.2	25.6	23.8	24.7	24.3	25.1	25.6
8H	24.0	24.8	24.4	25.2	25.7	23.9	24.7	24.4	25.2	25.7
12H	24.0	24.8	24.5	25.3	25.8	23.9	24.7	24.4	25.2	25.7
X=8H Y=4H	23.5	24.3	24.0	24.7	25.2	23.7	24.5	24.2	25.0	25.5
6H	24.0	24.6	24.5	25.2	25.6	24.1	24.8	24.6	25.3	25.8
8H	24.1	24.7	24.7	25.3	25.8	24.2	24.8	24.8	25.4	25.9
12H	24.3	24.8	24.8	25.3	25.9	24.3	24.8	24.8	25.4	25.9
X=12H Y=4H	23.5	24.2	24.0	24.7	25.2	23.7	24.4	24.2	24.9	25.4
6H	24.0	24.6	24.5	25.1	25.6	24.2	24.8	24.7	25.2	25.8
8H	24.2	24.7	24.7	25.2	25.8	24.3	24.8	24.8	25.4	25.9

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		0.52	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: 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	0.95	0.78	0.66	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.79	0.67	0.58	0.51	0.42	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	0.40	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	0.61	0.53	0.42	0.34	0.29	0.23	0.19	
	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	0.44	0.36	0.30	0.26	0.21	0.17	
0.00	0.00	0.00	0.55	0.46	0.40	0.35	0.28	0.23	0.20	0.16	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	0.16	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	27.9	0.0	0.0	0.04	0.04
1.0-2.0	27.9	0.1	0.1	0.12	0.16
2.0-3.0	27.8	0.1	0.2	0.20	0.37
3.0-4.0	27.8	0.2	0.4	0.28	0.65
4.0-5.0	27.7	0.2	0.7	0.36	1.01
5.0-6.0	27.6	0.3	1.0	0.44	1.45
6.0-7.0	27.5	0.3	1.3	0.52	1.97
7.0-8.0	27.4	0.4	1.7	0.60	2.57
8.0-9.0	27.2	0.4	2.1	0.67	3.24
9.0-10.0	27.1	0.5	2.6	0.75	3.99
10.0-11.0	26.9	0.5	3.2	0.82	4.81
11.0-12.0	26.7	0.6	3.7	0.89	5.69
12.0-13.0	26.5	0.6	4.4	0.96	6.65
13.0-14.0	26.3	0.7	5.0	1.02	7.68
14.0-15.0	26.0	0.7	5.8	1.09	8.77
15.0-16.0	25.8	0.8	6.5	1.15	9.92
16.0-17.0	25.5	0.8	7.3	1.21	11.13
17.0-18.0	25.2	0.8	8.1	1.27	12.39
18.0-19.0	25.0	0.9	9.0	1.32	13.71
19.0-20.0	24.7	0.9	9.9	1.37	15.09
20.0-21.0	24.3	0.9	10.8	1.42	16.51
21.0-22.0	24.0	1.0	11.8	1.47	17.98
22.0-23.0	23.7	1.0	12.8	1.51	19.49
23.0-24.0	23.3	1.0	13.8	1.55	21.04
24.0-25.0	23.0	1.0	14.9	1.59	22.63
25.0-26.0	22.6	1.1	15.9	1.62	24.25
26.0-27.0	22.2	1.1	17.0	1.66	25.91
27.0-28.0	21.9	1.1	18.1	1.68	27.59
28.0-29.0	21.5	1.1	19.3	1.71	29.30
29.0-30.0	21.1	1.1	20.4	1.73	31.04
30.0-31.0	20.7	1.2	21.5	1.75	32.79
31.0-32.0	20.3	1.2	22.7	1.77	34.56
32.0-33.0	19.9	1.2	23.9	1.78	36.34
33.0-34.0	19.5	1.2	25.1	1.80	38.14
34.0-35.0	19.1	1.2	26.2	1.80	39.94
35.0-36.0	18.7	1.2	27.4	1.81	41.75

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	18.3	1.2	28.6	1.81	43.57
37.0-38.0	17.8	1.2	29.8	1.81	45.38
38.0-39.0	17.4	1.2	31.0	1.81	47.19
39.0-40.0	17.0	1.2	32.2	1.81	49.00
40.0-41.0	16.6	1.2	33.4	1.80	50.79
41.0-42.0	16.2	1.2	34.5	1.79	52.58
42.0-43.0	15.8	1.2	35.7	1.78	54.36
43.0-44.0	15.4	1.2	36.9	1.77	56.12
44.0-45.0	15.0	1.1	38.0	1.75	57.87
45.0-46.0	14.5	1.1	39.2	1.73	59.61
46.0-47.0	14.1	1.1	40.3	1.71	61.31
47.0-48.0	13.7	1.1	41.4	1.69	63.00
48.0-49.0	13.3	1.1	42.5	1.67	64.67
49.0-50.0	12.9	1.1	43.6	1.64	66.31
50.0-51.0	12.5	1.1	44.6	1.61	67.92
51.0-52.0	12.1	1.0	45.7	1.58	69.51
52.0-53.0	11.7	1.0	46.7	1.55	71.06
53.0-54.0	11.3	1.0	47.7	1.52	72.58
54.0-55.0	10.9	1.0	48.7	1.48	74.06
55.0-56.0	10.6	1.0	49.6	1.45	75.51
56.0-57.0	10.2	0.9	50.5	1.42	76.93
57.0-58.0	9.8	0.9	51.4	1.38	78.31
58.0-59.0	9.4	0.9	52.3	1.34	79.65
59.0-60.0	9.0	0.9	53.2	1.30	80.95
60.0-61.0	8.7	0.8	54.0	1.26	82.21
61.0-62.0	8.3	0.8	54.8	1.22	83.42
62.0-63.0	7.9	0.8	55.6	1.17	84.60
63.0-64.0	7.6	0.7	56.3	1.13	85.73
64.0-65.0	7.2	0.7	57.0	1.08	86.81
65.0-66.0	6.8	0.7	57.7	1.04	87.85
66.0-67.0	6.5	0.7	58.4	0.99	88.84
67.0-68.0	6.1	0.6	59.0	0.95	89.79
68.0-69.0	5.8	0.6	59.6	0.90	90.69
69.0-70.0	5.4	0.6	60.1	0.85	91.54
70.0-71.0	5.1	0.5	60.7	0.80	92.34
71.0-72.0	4.8	0.5	61.2	0.75	93.10

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:

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	4.4	0.5	61.6	0.71	93.80
73.0-74.0	4.1	0.4	62.1	0.66	94.46
74.0-75.0	3.8	0.4	62.5	0.61	95.07
75.0-76.0	3.5	0.4	62.8	0.56	95.63
76.0-77.0	3.2	0.3	63.2	0.51	96.14
77.0-78.0	2.9	0.3	63.5	0.47	96.61
78.0-79.0	2.6	0.3	63.7	0.42	97.03
79.0-80.0	2.3	0.2	64.0	0.37	97.41
80.0-81.0	2.0	0.2	64.2	0.33	97.74
81.0-82.0	1.8	0.2	64.4	0.29	98.03
82.0-83.0	1.5	0.2	64.6	0.25	98.27
83.0-84.0	1.2	0.1	64.7	0.21	98.48
84.0-85.0	1.0	0.1	64.8	0.17	98.65
85.0-86.0	0.8	0.1	64.9	0.13	98.78
86.0-87.0	0.6	0.1	65.0	0.10	98.88
87.0-88.0	0.4	0.0	65.0	0.07	98.95
88.0-89.0	0.3	0.0	65.0	0.05	99.00
89.0-90.0	0.2	0.0	65.1	0.03	99.03
90.0-91.0	0.1	0.0	65.1	0.02	99.05
91.0-92.0	0.1	0.0	65.1	0.01	99.06
92.0-93.0	0.0	0.0	65.1	0.01	99.06
93.0-94.0	0.0	0.0	65.1	0.00	99.07
94.0-95.0	0.0	0.0	65.1	0.00	99.07
95.0-96.0	0.0	0.0	65.1	0.01	99.08
96.0-97.0	0.0	0.0	65.1	0.01	99.08
97.0-98.0	0.0	0.0	65.1	0.01	99.09
98.0-99.0	0.0	0.0	65.1	0.01	99.10
99.0-100.0	0.0	0.0	65.1	0.01	99.10
100.0-101.0	0.0	0.0	65.1	0.01	99.11
101.0-102.0	0.0	0.0	65.1	0.01	99.12
102.0-103.0	0.0	0.0	65.1	0.01	99.12
103.0-104.0	0.0	0.0	65.1	0.01	99.13
104.0-105.0	0.1	0.0	65.1	0.01	99.14
105.0-106.0	0.1	0.0	65.1	0.01	99.15
106.0-107.0	0.1	0.0	65.1	0.01	99.16
107.0-108.0	0.1	0.0	65.2	0.01	99.17

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	0.1	0.0	65.2	0.01	99.18
109.0-110.0	0.1	0.0	65.2	0.01	99.19
110.0-111.0	0.1	0.0	65.2	0.01	99.20
111.0-112.0	0.1	0.0	65.2	0.01	99.21
112.0-113.0	0.1	0.0	65.2	0.01	99.22
113.0-114.0	0.1	0.0	65.2	0.01	99.23
114.0-115.0	0.1	0.0	65.2	0.01	99.24
115.0-116.0	0.1	0.0	65.2	0.01	99.25
116.0-117.0	0.1	0.0	65.2	0.01	99.27
117.0-118.0	0.1	0.0	65.2	0.01	99.28
118.0-119.0	0.1	0.0	65.2	0.01	99.29
119.0-120.0	0.1	0.0	65.2	0.01	99.30
120.0-121.0	0.1	0.0	65.2	0.01	99.31
121.0-122.0	0.1	0.0	65.3	0.01	99.33
122.0-123.0	0.1	0.0	65.3	0.01	99.34
123.0-124.0	0.1	0.0	65.3	0.01	99.36
124.0-125.0	0.1	0.0	65.3	0.01	99.37
125.0-126.0	0.1	0.0	65.3	0.01	99.38
126.0-127.0	0.1	0.0	65.3	0.01	99.40
127.0-128.0	0.1	0.0	65.3	0.01	99.41
128.0-129.0	0.1	0.0	65.3	0.01	99.43
129.0-130.0	0.1	0.0	65.3	0.02	99.44
130.0-131.0	0.1	0.0	65.3	0.02	99.46
131.0-132.0	0.1	0.0	65.4	0.02	99.47
132.0-133.0	0.1	0.0	65.4	0.02	99.49
133.0-134.0	0.1	0.0	65.4	0.02	99.51
134.0-135.0	0.1	0.0	65.4	0.02	99.52
135.0-136.0	0.1	0.0	65.4	0.02	99.54
136.0-137.0	0.1	0.0	65.4	0.02	99.55
137.0-138.0	0.1	0.0	65.4	0.02	99.57
138.0-139.0	0.2	0.0	65.4	0.02	99.58
139.0-140.0	0.1	0.0	65.4	0.02	99.60
140.0-141.0	0.1	0.0	65.4	0.02	99.62
141.0-142.0	0.2	0.0	65.5	0.02	99.63
142.0-143.0	0.2	0.0	65.5	0.02	99.65
143.0-144.0	0.1	0.0	65.5	0.01	99.66

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	0.2	0.0	65.5	0.02	99.68
145.0-146.0	0.2	0.0	65.5	0.02	99.69
146.0-147.0	0.2	0.0	65.5	0.01	99.71
147.0-148.0	0.2	0.0	65.5	0.01	99.72
148.0-149.0	0.2	0.0	65.5	0.01	99.74
149.0-150.0	0.2	0.0	65.5	0.01	99.75
150.0-151.0	0.2	0.0	65.5	0.02	99.77
151.0-152.0	0.2	0.0	65.6	0.01	99.78
152.0-153.0	0.2	0.0	65.6	0.01	99.79
153.0-154.0	0.2	0.0	65.6	0.01	99.81
154.0-155.0	0.2	0.0	65.6	0.01	99.82
155.0-156.0	0.2	0.0	65.6	0.01	99.83
156.0-157.0	0.2	0.0	65.6	0.01	99.85
157.0-158.0	0.2	0.0	65.6	0.01	99.86
158.0-159.0	0.2	0.0	65.6	0.01	99.87
159.0-160.0	0.2	0.0	65.6	0.01	99.88
160.0-161.0	0.2	0.0	65.6	0.01	99.89
161.0-162.0	0.2	0.0	65.6	0.01	99.90
162.0-163.0	0.2	0.0	65.6	0.01	99.91
163.0-164.0	0.2	0.0	65.6	0.01	99.92
164.0-165.0	0.2	0.0	65.7	0.01	99.93
165.0-166.0	0.2	0.0	65.7	0.01	99.94
166.0-167.0	0.2	0.0	65.7	0.01	99.95
167.0-168.0	0.2	0.0	65.7	0.01	99.96
168.0-169.0	0.2	0.0	65.7	0.01	99.96
169.0-170.0	0.2	0.0	65.7	0.01	99.97
170.0-171.0	0.2	0.0	65.7	0.01	99.98
171.0-172.0	0.2	0.0	65.7	0.01	99.98
172.0-173.0	0.2	0.0	65.7	0.00	99.98
173.0-174.0	0.2	0.0	65.7	0.00	99.99
174.0-175.0	0.2	0.0	65.7	0.00	99.99
175.0-176.0	0.2	0.0	65.7	0.00	99.99
176.0-177.0	0.2	0.0	65.7	0.00	100.00
177.0-178.0	0.2	0.0	65.7	0.00	100.00
178.0-179.0	0.2	0.0	65.7	0.00	100.00
179.0-180.0	0.2	0.0	65.7	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: