

Report No.:

Test Time: 2022/11/25 16:44

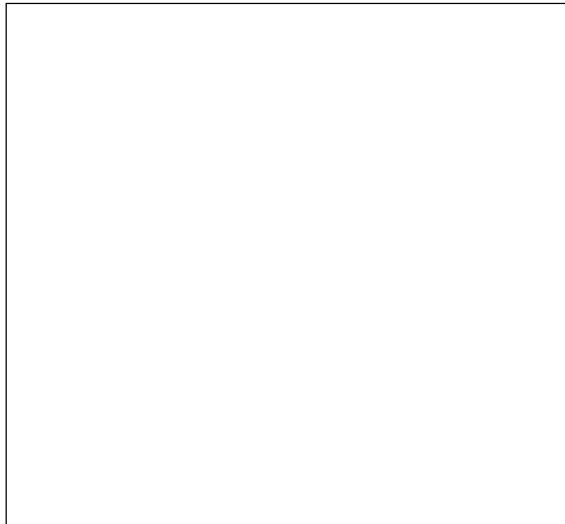
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Silhouette Plus
Luminaire Description: Neon Silhouette Plus RGBW-Green only
Lamp Catalog: NLSP4.5RGB30-Green only Number of Lamps: 1
Luminous Length (mm): 1000 Luminous Width (mm): 12
Luminous Height (mm): 20 Voltage: 24.0 V
Current: 0.131 A Power: 3.14 W
Power Factor: 1.000

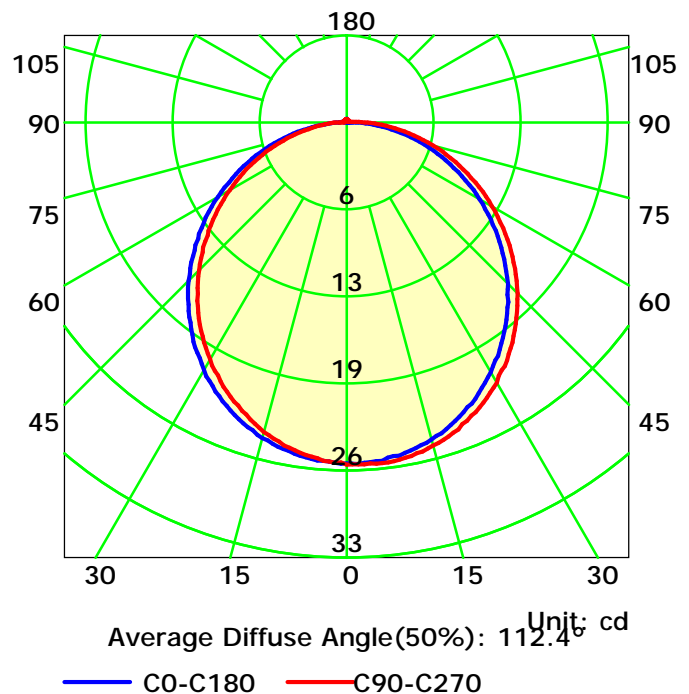
Photometric Results

CIE Class: Direct
Measurement Flux: 77.4 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%): H165.7,H112.6
Vertical Diffuse Angle(10%,50%): V167.6,V112.2
Luminaire Efficacy Rating (LER): 25
Max. Intensity: 26.14 cd
Total Rated Lamp Lumens: 77.4 lm
Efficiency: 100%
Upward Ratio: 2%
Central Intensity: 25.91 cd
Pos of Max. Intensity: H150 V3

Picture Of Luminaire



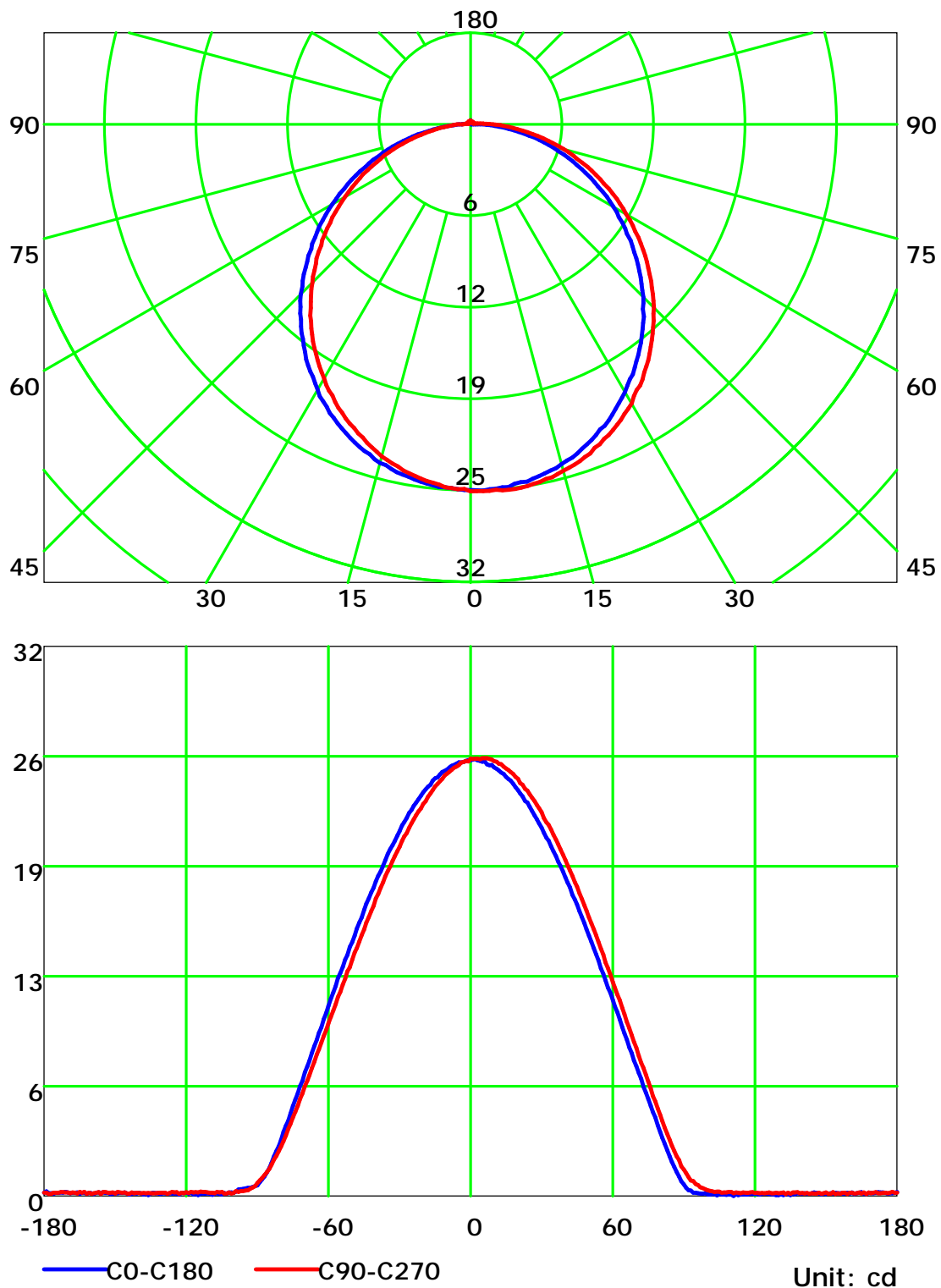
Luminous Intensity Distribution Curve



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

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

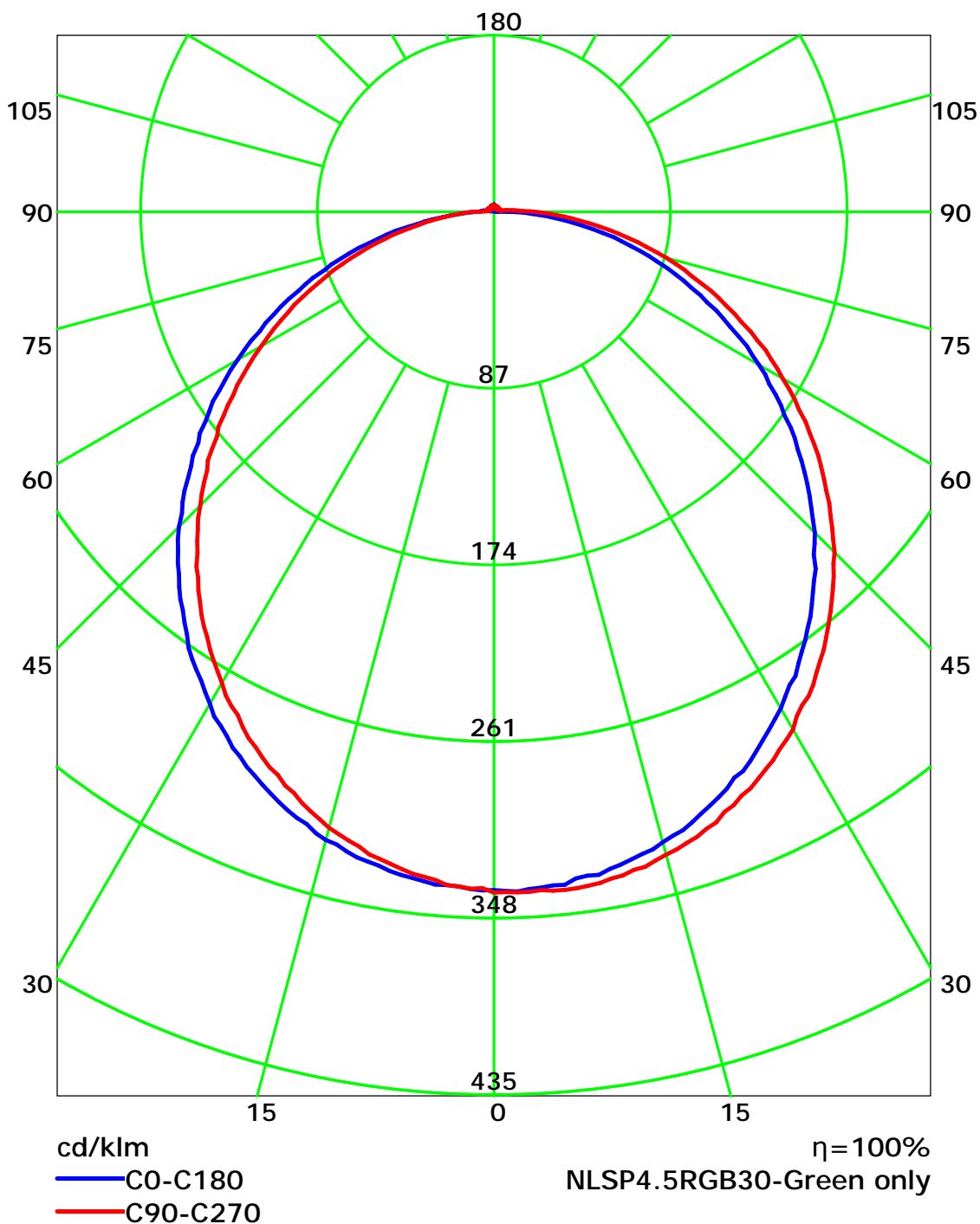
Luminous Intensity Distribution Curve



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

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: Jacky

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

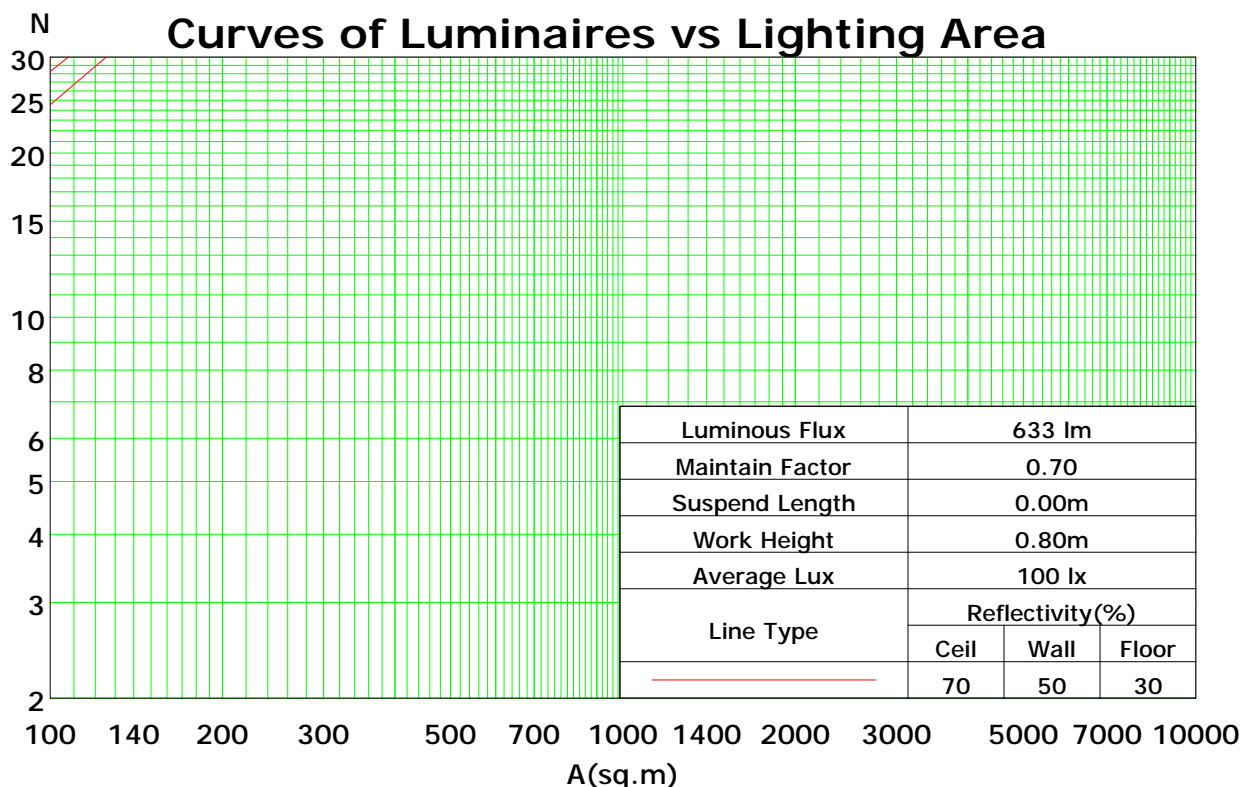
Coefficients Of Utilization - Zonal Cavity Method

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	100	100	100	98
1	108	103	98	94	105	100	96	92	95	92	89	91	88	86	87	85	83	81
2	98	89	82	76	95	87	80	75	83	78	73	79	75	71	76	72	69	67
3	89	78	70	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56
4	81	69	60	53	79	67	59	53	65	57	52	62	56	51	60	54	50	48
5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	40	52	45	39	50	44	38	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	44	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.24

Spacing Criteria (Diagonal): 1.37



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

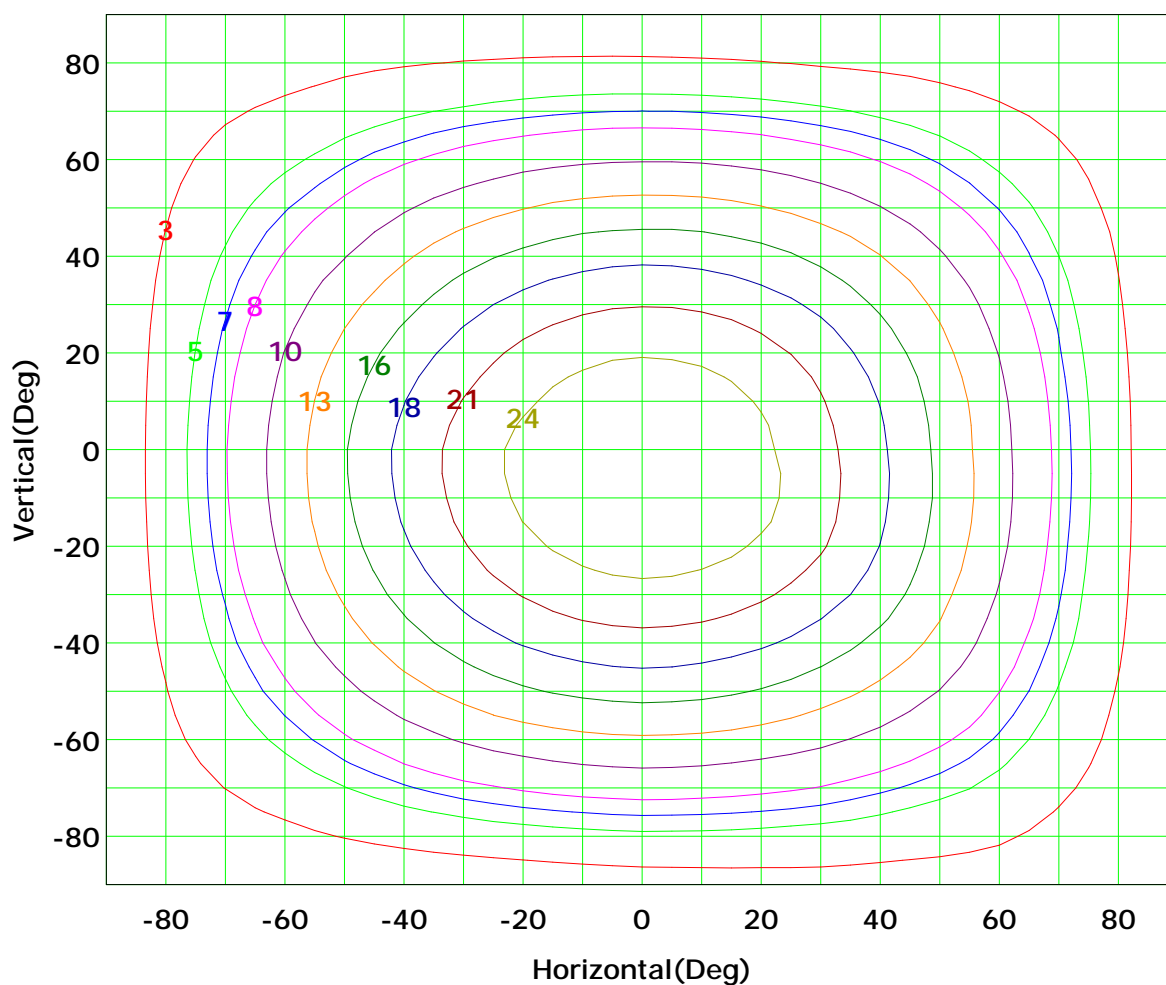
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



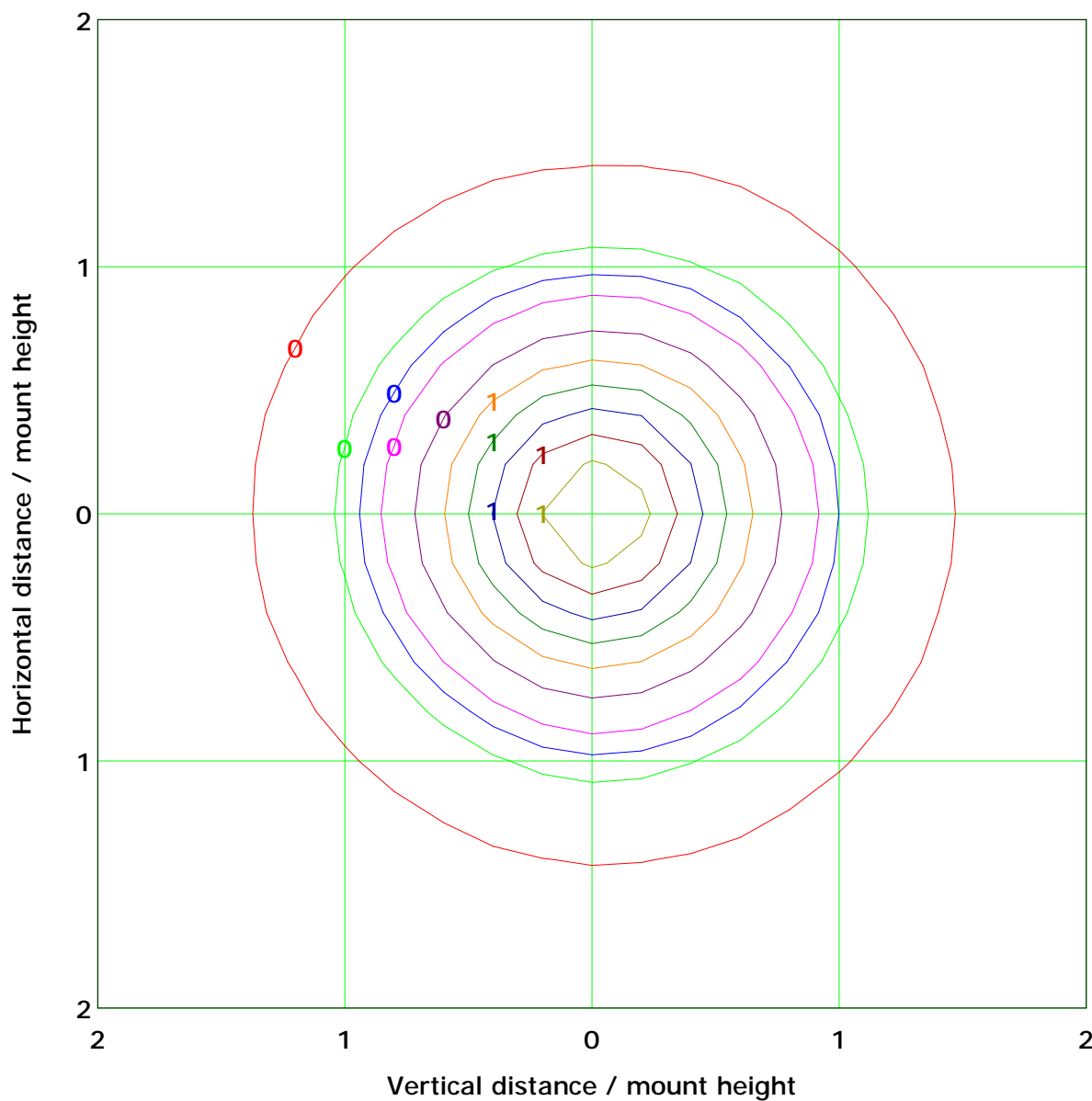
I_{max} (100%): 26 cd

(10%):	3 cd	(20%):	5 cd
(25%):	7 cd	(30%):	8 cd
(40%):	10 cd	(50%):	13 cd
(60%):	16 cd	(70%):	18 cd
(80%):	21 cd	(90%):	24 cd

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

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%): 1.0 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.3 lx	(30%): 0.3 lx
(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.6 lx	(70%): 0.7 lx
(80%): 0.8 lx	(90%): 0.9 lx

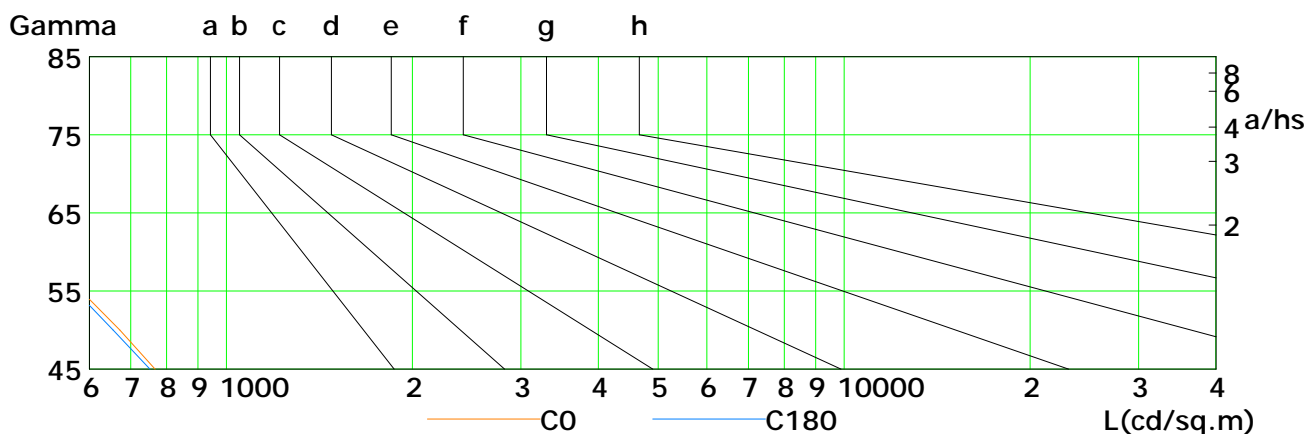
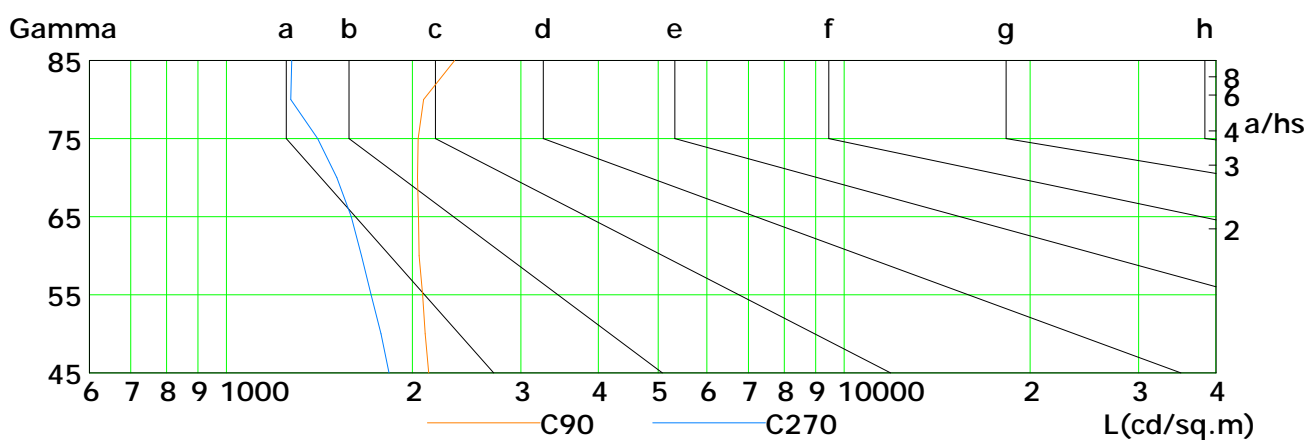
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

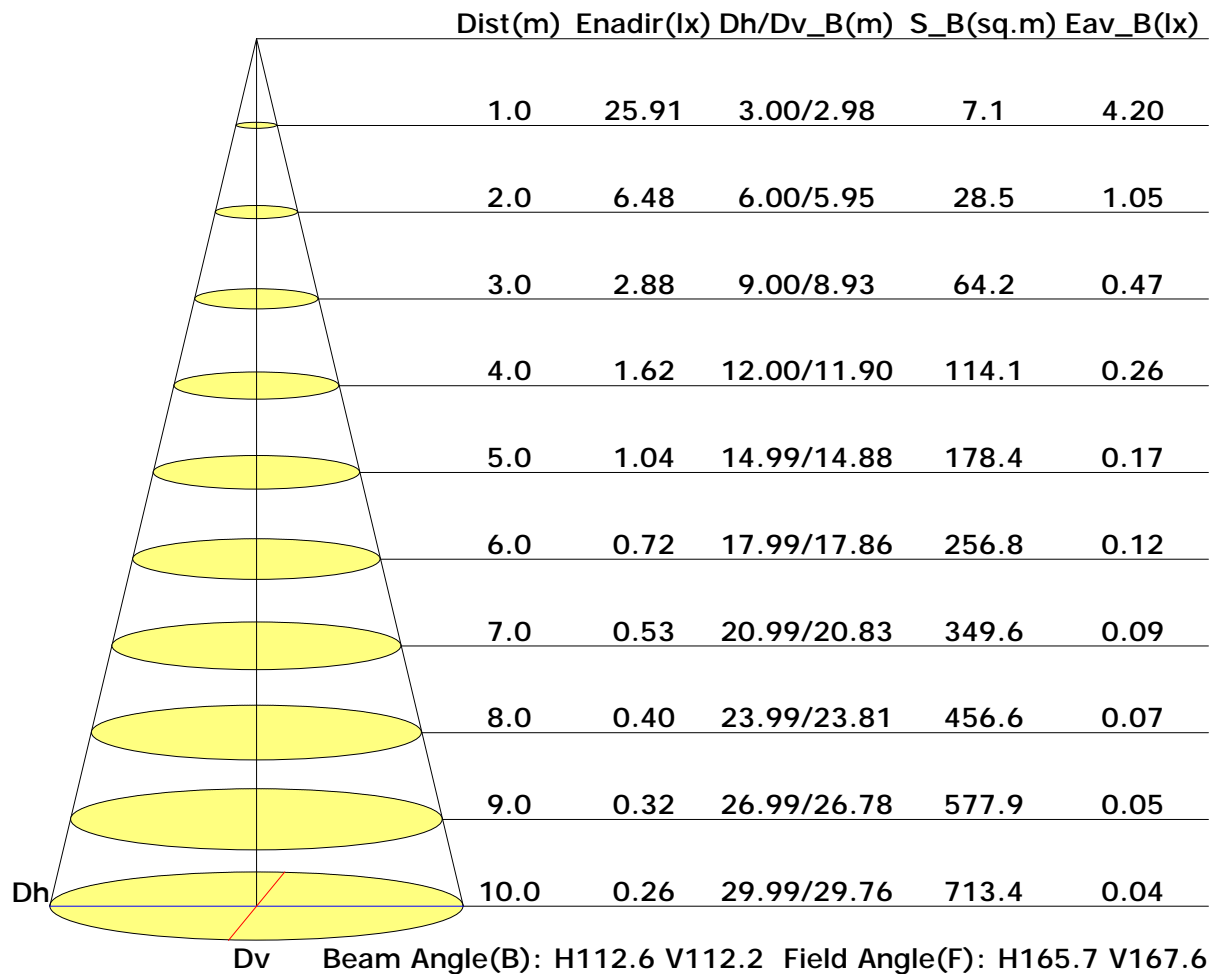


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	766	672	582	501	417	338	258	176	98
C90	2126	2098	2079	2052	2048	2039	2043	2086	2342
C180	752	656	570	485	401	322	239	153	80
C270	1834	1780	1716	1654	1594	1510	1405	1271	1276

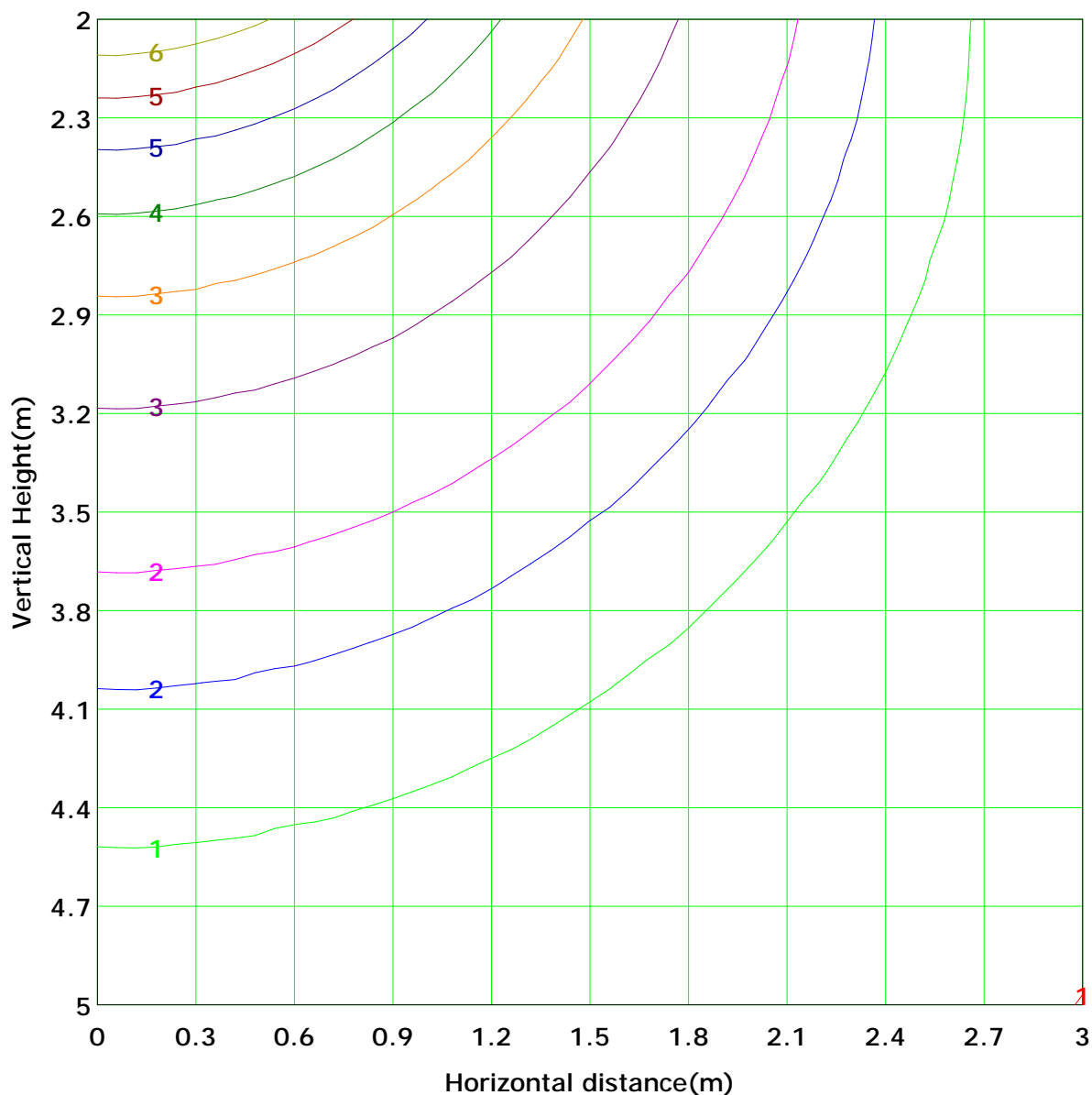
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 6.5 lx
(10%): 0.6 lx	(20%): 1.3 lx	
(25%): 1.6 lx	(30%): 1.9 lx	
(40%): 2.6 lx	(50%): 3.2 lx	
(60%): 3.9 lx	(70%): 4.5 lx	
(80%): 5.2 lx	(90%): 5.8 lx	

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

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

Area Flux Table

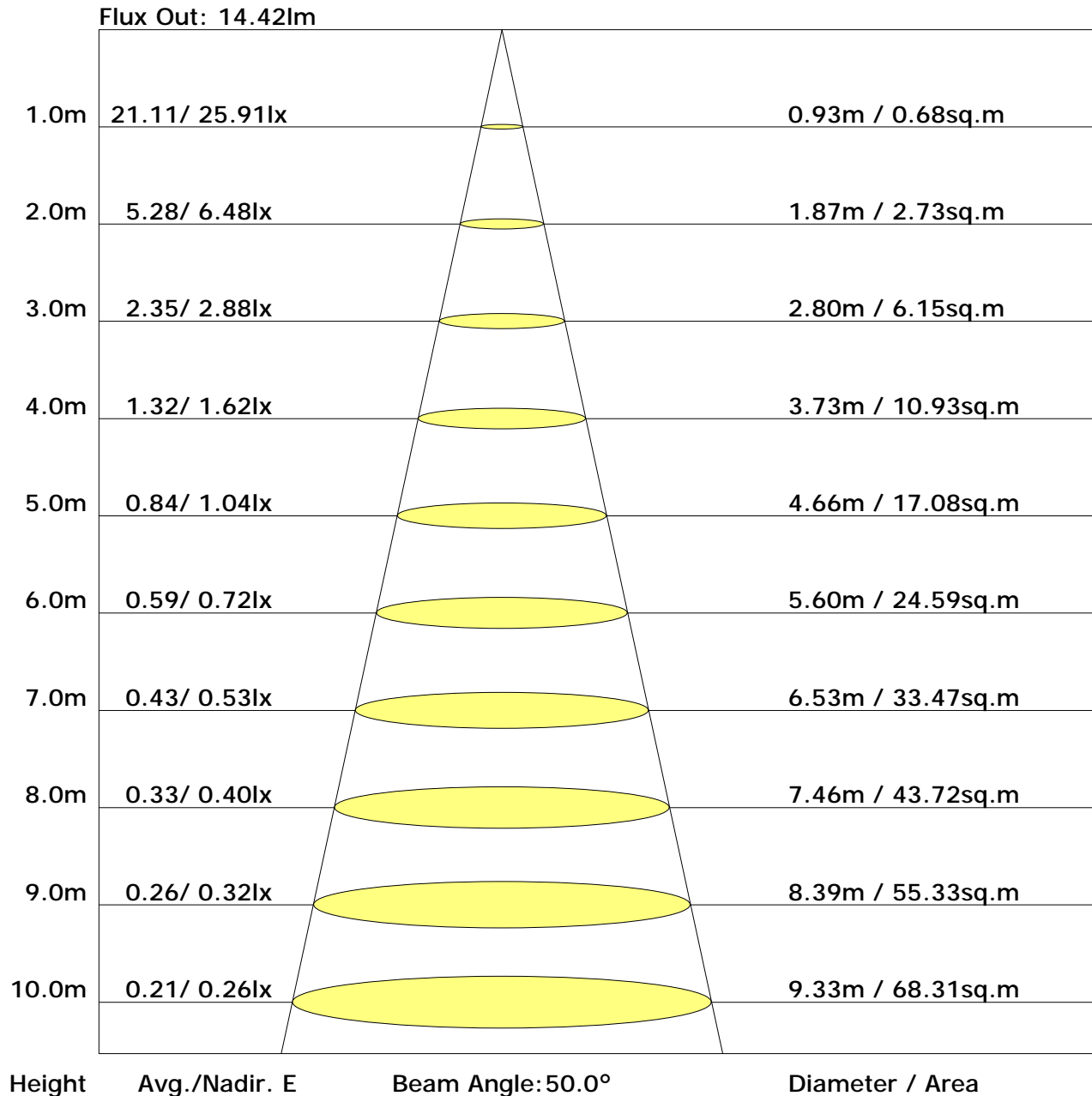
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
		Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	Flux(T)	Flux(T)Flux(E)
		0.0	0.4	1.3	2.6	4.1	5.6	7.0	8.0	8.5	8.5	7.9	6.9	5.5	4.0	2.5	1.3	0.5	0.0	0.1	76	
Horizontal 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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.3	1.1
	-60	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.3	2.2
	-50	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.3	3.3
	-40	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	4.2	4.2
	-30	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	5.1	5.1
	-20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	5.9	5.9
	-10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	6.4	6.4
	0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	0.0	6.8	6.8
	10	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	0.0	6.9	6.9
	20	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	0.0	6.7	6.7
	30	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	6.3	6.3
	40	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	5.7	5.7
	50	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	4.9	4.9
	60	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	3.9	3.9
	70	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.9	2.9
	80	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8
	90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5

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

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: Jacky

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	22.6	21.3	22.9	23.3	19.4	21.1	19.8	21.4	21.8
3H	22.9	24.4	23.3	24.7	25.2	21.0	22.4	21.4	22.8	23.2
4H	23.7	25.1	24.1	25.5	25.9	21.5	22.9	21.9	23.3	23.7
6H	24.4	25.7	24.8	26.1	26.5	21.9	23.2	22.4	23.6	24.0
8H	24.6	25.9	25.1	26.3	26.7	22.0	23.3	22.5	23.7	24.1
12H	24.8	26.0	25.3	26.4	26.9	22.1	23.3	22.6	23.7	24.2
X=4H Y=2H	21.2	22.6	21.7	23.0	23.4	20.1	21.5	20.5	21.9	22.3
3H	23.3	24.5	23.8	24.9	25.4	21.8	23.0	22.3	23.4	23.9
4H	24.2	25.3	24.7	25.7	26.2	22.5	23.6	23.0	24.0	24.5
6H	25.0	25.9	25.5	26.4	26.9	23.0	23.9	23.5	24.4	24.9
8H	25.3	26.1	25.7	26.6	27.1	23.2	24.0	23.7	24.5	25.0
12H	25.5	26.3	26.0	26.8	27.3	23.3	24.1	23.8	24.6	25.1
X=8H Y=4H	24.3	25.2	24.8	25.7	26.2	22.8	23.7	23.3	24.2	24.7
6H	25.1	25.8	25.6	26.4	26.9	23.4	24.2	24.0	24.7	25.2
8H	25.4	26.1	26.0	26.6	27.2	23.7	24.3	24.2	24.9	25.4
12H	25.7	26.3	26.3	26.8	27.4	23.9	24.5	24.4	25.0	25.6
X=12H Y=4H	24.3	25.1	24.8	25.6	26.1	22.9	23.7	23.4	24.2	24.7
6H	25.1	25.8	25.7	26.3	26.9	23.5	24.2	24.1	24.7	25.3
8H	25.5	26.1	26.0	26.6	27.2	23.8	24.4	24.3	24.9	25.5

Calculate in accordance with CIE 190:2010

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

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	0.55	0.65	0.73	0.78	0.85	0.90	0.94	0.99	1.02
	0.30		0.47	0.57	0.65	0.71	0.79	0.84	0.89	0.94	0.98
	0.20		0.41	0.51	0.59	0.65	0.73	0.80	0.84	0.90	0.94
0.50	0.50	0.20	0.53	0.63	0.70	0.75	0.82	0.87	0.90	0.94	0.97
	0.30		0.46	0.56	0.63	0.69	0.76	0.82	0.85	0.91	0.94
	0.20		0.41	0.51	0.58	0.64	0.72	0.77	0.82	0.87	0.91
0.30	0.50	0.20	0.52	0.61	0.67	0.72	0.79	0.83	0.86	0.90	0.93
	0.30		0.45	0.55	0.62	0.67	0.74	0.79	0.82	0.87	0.90
	0.20		0.40	0.50	0.57	0.62	0.70	0.75	0.79	0.85	0.88
0.00	0.00	0.00	0.38	0.47	0.54	0.59	0.66	0.71	0.75	0.80	0.83
Rating: 3W 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	1.01	0.84	0.72	0.63	0.51	0.42	0.36	0.28	0.23	
	0.30		0.85	0.72	0.63	0.56	0.46	0.39	0.34	0.27	0.22	
	0.20		0.72	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.97	0.81	0.69	0.60	0.48	0.44	0.35	0.27	0.22	
	0.30		0.82	0.70	0.61	0.54	0.44	0.37	0.32	0.26	0.21	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.30	0.50	0.20	0.94	0.77	0.66	0.58	0.46	0.38	0.33	0.26	0.21	
	0.30		0.80	0.68	0.59	0.52	0.43	0.36	0.31	0.25	0.20	
	0.20		0.70	0.61	0.53	0.48	0.40	0.34	0.29	0.23	0.20	
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.32	0.27	0.23	0.19	0.15	
Rating: 3W 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	0.18	0.20	0.21	0.21	0.22	0.23	0.23	0.23	0.24
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.18
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.16	0.18	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17
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: 3W 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	26.0	0.0	0.0	0.03	0.03
1.0-2.0	26.0	0.1	0.1	0.10	0.13
2.0-3.0	25.9	0.1	0.2	0.16	0.29
3.0-4.0	25.9	0.2	0.4	0.22	0.51
4.0-5.0	25.9	0.2	0.6	0.29	0.80
5.0-6.0	25.8	0.3	0.9	0.35	1.15
6.0-7.0	25.8	0.3	1.2	0.41	1.56
7.0-8.0	25.7	0.4	1.6	0.48	2.04
8.0-9.0	25.6	0.4	2.0	0.54	2.58
9.0-10.0	25.5	0.5	2.5	0.60	3.17
10.0-11.0	25.4	0.5	3.0	0.66	3.83
11.0-12.0	25.3	0.6	3.5	0.72	4.54
12.0-13.0	25.2	0.6	4.1	0.77	5.32
13.0-14.0	25.1	0.6	4.8	0.83	6.15
14.0-15.0	25.0	0.7	5.4	0.88	7.03
15.0-16.0	24.8	0.7	6.2	0.94	7.97
16.0-17.0	24.7	0.8	6.9	0.99	8.96
17.0-18.0	24.5	0.8	7.7	1.04	10.01
18.0-19.0	24.3	0.8	8.6	1.09	11.10
19.0-20.0	24.2	0.9	9.5	1.14	12.24
20.0-21.0	24.0	0.9	10.4	1.19	13.43
21.0-22.0	23.8	1.0	11.4	1.23	14.67
22.0-23.0	23.6	1.0	12.3	1.28	15.95
23.0-24.0	23.4	1.0	13.4	1.32	17.27
24.0-25.0	23.2	1.1	14.4	1.36	18.63
25.0-26.0	22.9	1.1	15.5	1.40	20.03
26.0-27.0	22.7	1.1	16.6	1.43	21.46
27.0-28.0	22.4	1.1	17.8	1.47	22.93
28.0-29.0	22.2	1.2	18.9	1.50	24.43
29.0-30.0	21.9	1.2	20.1	1.53	25.96
30.0-31.0	21.7	1.2	21.3	1.56	27.52
31.0-32.0	21.4	1.2	22.5	1.58	29.10
32.0-33.0	21.1	1.2	23.8	1.61	30.71
33.0-34.0	20.9	1.3	25.0	1.63	32.34
34.0-35.0	20.5	1.3	26.3	1.65	33.99
35.0-36.0	20.2	1.3	27.6	1.67	35.65

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

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	19.9	1.3	28.9	1.68	37.33
37.0-38.0	19.6	1.3	30.2	1.69	39.02
38.0-39.0	19.3	1.3	31.5	1.70	40.73
39.0-40.0	19.0	1.3	32.9	1.71	42.44
40.0-41.0	18.7	1.3	34.2	1.72	44.15
41.0-42.0	18.3	1.3	35.5	1.72	45.87
42.0-43.0	18.0	1.3	36.9	1.72	47.60
43.0-44.0	17.7	1.3	38.2	1.72	49.32
44.0-45.0	17.3	1.3	39.5	1.72	51.04
45.0-46.0	17.0	1.3	40.8	1.71	52.75
46.0-47.0	16.6	1.3	42.2	1.71	54.46
47.0-48.0	16.2	1.3	43.5	1.69	56.15
48.0-49.0	15.9	1.3	44.8	1.68	57.84
49.0-50.0	15.5	1.3	46.1	1.67	59.51
50.0-51.0	15.1	1.3	47.4	1.65	61.16
51.0-52.0	14.8	1.3	48.6	1.64	62.80
52.0-53.0	14.4	1.3	49.9	1.62	64.42
53.0-54.0	14.0	1.2	51.1	1.60	66.01
54.0-55.0	13.6	1.2	52.3	1.57	67.59
55.0-56.0	13.3	1.2	53.5	1.55	69.13
56.0-57.0	12.9	1.2	54.7	1.52	70.65
57.0-58.0	12.5	1.2	55.9	1.49	72.14
58.0-59.0	12.1	1.1	57.0	1.46	73.61
59.0-60.0	11.7	1.1	58.1	1.43	75.03
60.0-61.0	11.3	1.1	59.2	1.39	76.43
61.0-62.0	10.9	1.1	60.2	1.36	77.79
62.0-63.0	10.5	1.0	61.3	1.32	79.11
63.0-64.0	10.1	1.0	62.3	1.28	80.39
64.0-65.0	9.7	1.0	63.2	1.24	81.64
65.0-66.0	9.3	0.9	64.1	1.20	82.84
66.0-67.0	8.9	0.9	65.0	1.16	84.01
67.0-68.0	8.6	0.9	65.9	1.12	85.13
68.0-69.0	8.2	0.8	66.7	1.08	86.20
69.0-70.0	7.8	0.8	67.5	1.03	87.23
70.0-71.0	7.4	0.8	68.3	0.99	88.22
71.0-72.0	7.0	0.7	69.0	0.94	89.16

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

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	6.6	0.7	69.7	0.89	90.05
73.0-74.0	6.2	0.7	70.4	0.85	90.90
74.0-75.0	5.8	0.6	71.0	0.80	91.70
75.0-76.0	5.5	0.6	71.6	0.75	92.44
76.0-77.0	5.1	0.5	72.1	0.70	93.14
77.0-78.0	4.7	0.5	72.6	0.65	93.79
78.0-79.0	4.3	0.5	73.1	0.60	94.39
79.0-80.0	4.0	0.4	73.5	0.55	94.94
80.0-81.0	3.6	0.4	73.9	0.50	95.44
81.0-82.0	3.2	0.3	74.3	0.45	95.89
82.0-83.0	2.9	0.3	74.6	0.41	96.30
83.0-84.0	2.6	0.3	74.8	0.36	96.66
84.0-85.0	2.2	0.2	75.1	0.32	96.98
85.0-86.0	1.9	0.2	75.3	0.27	97.25
86.0-87.0	1.6	0.2	75.5	0.23	97.48
87.0-88.0	1.4	0.2	75.6	0.20	97.68
88.0-89.0	1.2	0.1	75.8	0.17	97.85
89.0-90.0	1.0	0.1	75.9	0.14	97.99
90.0-91.0	0.8	0.1	76.0	0.12	98.11
91.0-92.0	0.7	0.1	76.0	0.10	98.21
92.0-93.0	0.6	0.1	76.1	0.09	98.30
93.0-94.0	0.5	0.1	76.2	0.07	98.37
94.0-95.0	0.5	0.1	76.2	0.07	98.44
95.0-96.0	0.4	0.0	76.3	0.06	98.50
96.0-97.0	0.4	0.0	76.3	0.05	98.55
97.0-98.0	0.3	0.0	76.3	0.05	98.60
98.0-99.0	0.3	0.0	76.4	0.04	98.64
99.0-100.0	0.3	0.0	76.4	0.04	98.68
100.0-101.0	0.2	0.0	76.4	0.03	98.71
101.0-102.0	0.2	0.0	76.5	0.03	98.75
102.0-103.0	0.2	0.0	76.5	0.03	98.78
103.0-104.0	0.2	0.0	76.5	0.03	98.81
104.0-105.0	0.2	0.0	76.5	0.03	98.83
105.0-106.0	0.2	0.0	76.6	0.03	98.86
106.0-107.0	0.2	0.0	76.6	0.03	98.89
107.0-108.0	0.2	0.0	76.6	0.03	98.91

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

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	0.2	0.0	76.6	0.02	98.94
109.0-110.0	0.2	0.0	76.6	0.03	98.96
110.0-111.0	0.2	0.0	76.6	0.02	98.99
111.0-112.0	0.2	0.0	76.7	0.02	99.01
112.0-113.0	0.2	0.0	76.7	0.03	99.04
113.0-114.0	0.2	0.0	76.7	0.02	99.06
114.0-115.0	0.2	0.0	76.7	0.02	99.09
115.0-116.0	0.2	0.0	76.7	0.02	99.11
116.0-117.0	0.2	0.0	76.8	0.02	99.14
117.0-118.0	0.2	0.0	76.8	0.02	99.16
118.0-119.0	0.2	0.0	76.8	0.02	99.18
119.0-120.0	0.2	0.0	76.8	0.02	99.21
120.0-121.0	0.2	0.0	76.8	0.02	99.23
121.0-122.0	0.2	0.0	76.9	0.02	99.26
122.0-123.0	0.2	0.0	76.9	0.02	99.28
123.0-124.0	0.2	0.0	76.9	0.02	99.30
124.0-125.0	0.2	0.0	76.9	0.02	99.32
125.0-126.0	0.2	0.0	76.9	0.02	99.35
126.0-127.0	0.2	0.0	76.9	0.02	99.37
127.0-128.0	0.2	0.0	77.0	0.02	99.39
128.0-129.0	0.2	0.0	77.0	0.02	99.41
129.0-130.0	0.2	0.0	77.0	0.02	99.43
130.0-131.0	0.2	0.0	77.0	0.02	99.45
131.0-132.0	0.2	0.0	77.0	0.02	99.47
132.0-133.0	0.2	0.0	77.0	0.02	99.49
133.0-134.0	0.2	0.0	77.1	0.02	99.51
134.0-135.0	0.2	0.0	77.1	0.02	99.53
135.0-136.0	0.2	0.0	77.1	0.02	99.55
136.0-137.0	0.2	0.0	77.1	0.02	99.57
137.0-138.0	0.2	0.0	77.1	0.02	99.59
138.0-139.0	0.2	0.0	77.1	0.02	99.60
139.0-140.0	0.2	0.0	77.1	0.02	99.62
140.0-141.0	0.2	0.0	77.2	0.02	99.64
141.0-142.0	0.2	0.0	77.2	0.02	99.66
142.0-143.0	0.2	0.0	77.2	0.02	99.67
143.0-144.0	0.2	0.0	77.2	0.02	99.69

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

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	77.2	0.02	99.70
145.0-146.0	0.2	0.0	77.2	0.02	99.72
146.0-147.0	0.2	0.0	77.2	0.02	99.74
147.0-148.0	0.2	0.0	77.2	0.02	99.75
148.0-149.0	0.2	0.0	77.3	0.01	99.77
149.0-150.0	0.2	0.0	77.3	0.01	99.78
150.0-151.0	0.2	0.0	77.3	0.01	99.79
151.0-152.0	0.2	0.0	77.3	0.01	99.81
152.0-153.0	0.2	0.0	77.3	0.01	99.82
153.0-154.0	0.2	0.0	77.3	0.01	99.83
154.0-155.0	0.2	0.0	77.3	0.01	99.84
155.0-156.0	0.2	0.0	77.3	0.01	99.85
156.0-157.0	0.2	0.0	77.3	0.01	99.87
157.0-158.0	0.2	0.0	77.3	0.01	99.88
158.0-159.0	0.2	0.0	77.3	0.01	99.89
159.0-160.0	0.2	0.0	77.4	0.01	99.90
160.0-161.0	0.2	0.0	77.4	0.01	99.91
161.0-162.0	0.2	0.0	77.4	0.01	99.92
162.0-163.0	0.2	0.0	77.4	0.01	99.92
163.0-164.0	0.2	0.0	77.4	0.01	99.93
164.0-165.0	0.2	0.0	77.4	0.01	99.94
165.0-166.0	0.2	0.0	77.4	0.01	99.95
166.0-167.0	0.2	0.0	77.4	0.01	99.96
167.0-168.0	0.2	0.0	77.4	0.01	99.96
168.0-169.0	0.2	0.0	77.4	0.01	99.97
169.0-170.0	0.2	0.0	77.4	0.01	99.97
170.0-171.0	0.2	0.0	77.4	0.01	99.98
171.0-172.0	0.2	0.0	77.4	0.00	99.98
172.0-173.0	0.2	0.0	77.4	0.00	99.99
173.0-174.0	0.2	0.0	77.4	0.00	99.99
174.0-175.0	0.2	0.0	77.4	0.00	99.99
175.0-176.0	0.2	0.0	77.4	0.00	100.00
176.0-177.0	0.2	0.0	77.4	0.00	100.00
177.0-178.0	0.2	0.0	77.4	0.00	100.00
178.0-179.0	0.2	0.0	77.4	0.00	100.00
179.0-180.0	0.2	0.0	77.4	0.00	100.00

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

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