

Report No.:

Test Time: 2022/11/29 10:44

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Silhouette

Luminaire Description: Neon silhouette RGB-All on

Lamp Catalog: NLS3.0RGB-All on

Luminous Length (mm): 1000

Luminous Height (mm): 12

Current: 0.398 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 06

Voltage: 24.0 V

Power: 9.56 W

Photometric Results

CIE Class: Direct

Measurement Flux: 122.7 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H164.4,H108.9

Vertical Diffuse Angle(10%,50%): V169.8,V108

Luminaire Efficacy Rating (LER): 13

Max. Intensity: 43.03 cd

Total Rated Lamp Lumens: 122.7 lm

Efficiency: 100%

Upward Ratio: 2%

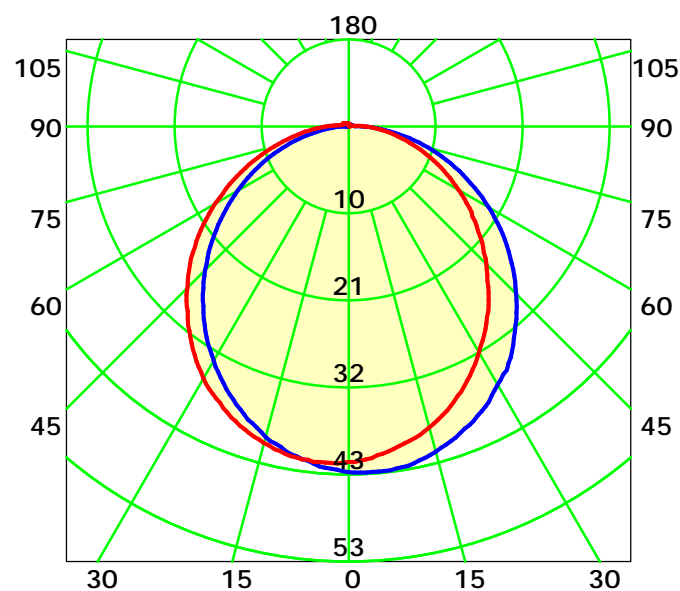
Central Intensity: 42.72 cd

Pos of Max. Intensity: H30 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 108.5° Unit: cd

— C0-C180 — C90-C270

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

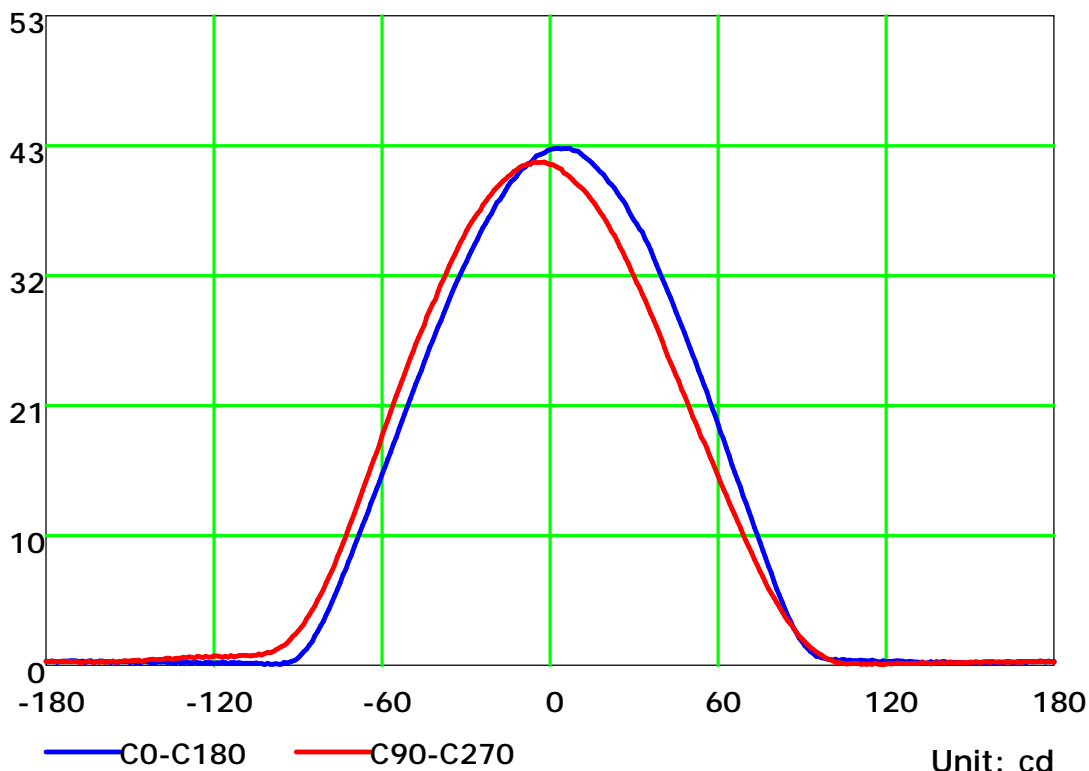
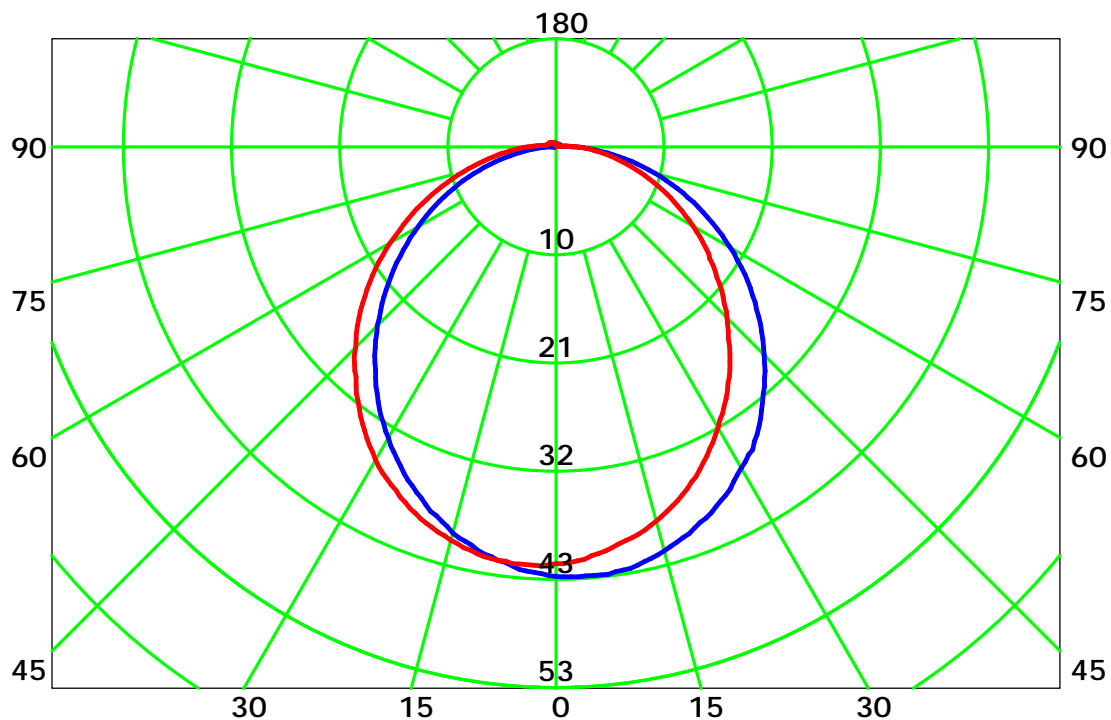
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Luminous Intensity Distribution Curve

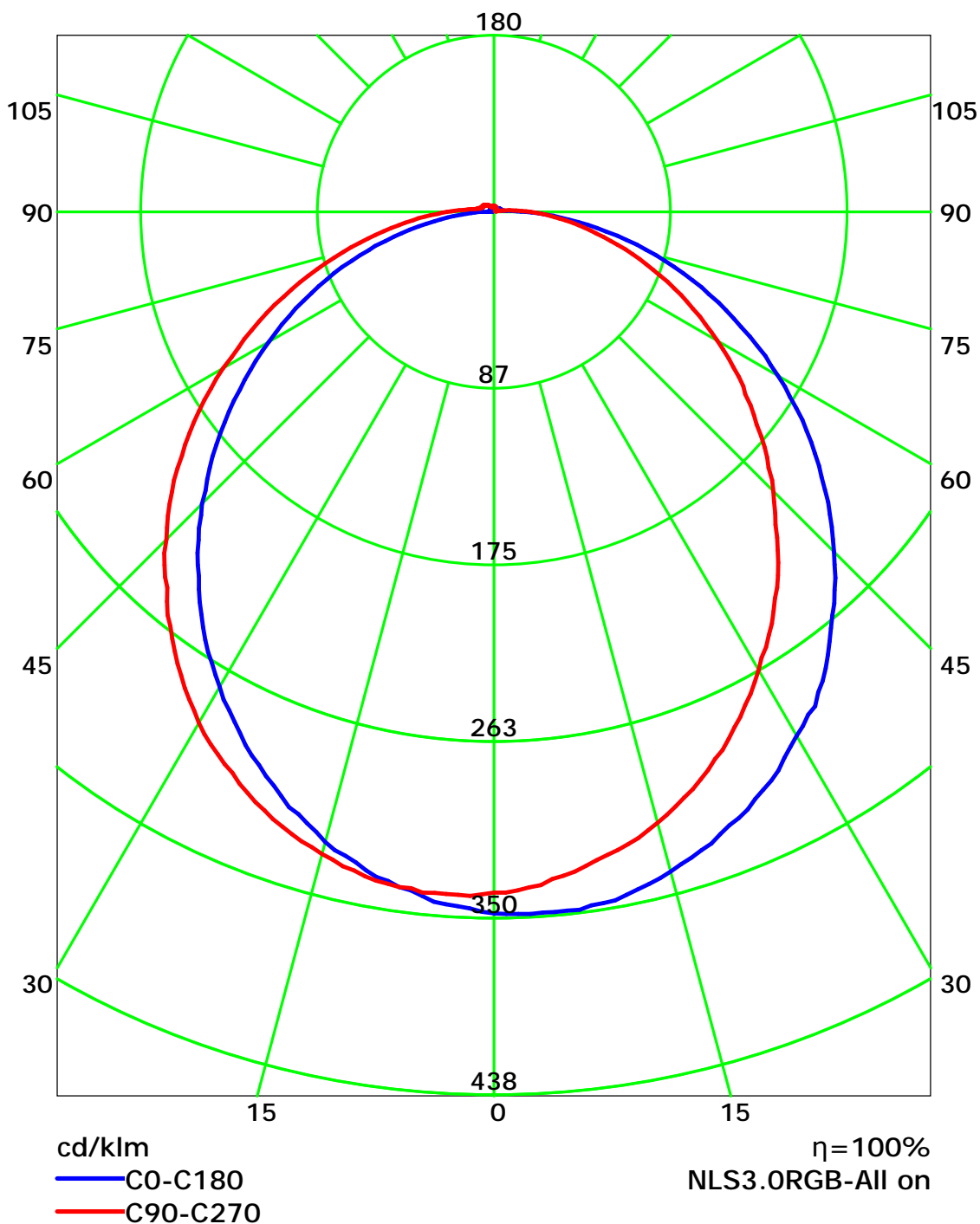


Unit: cd

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:

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:

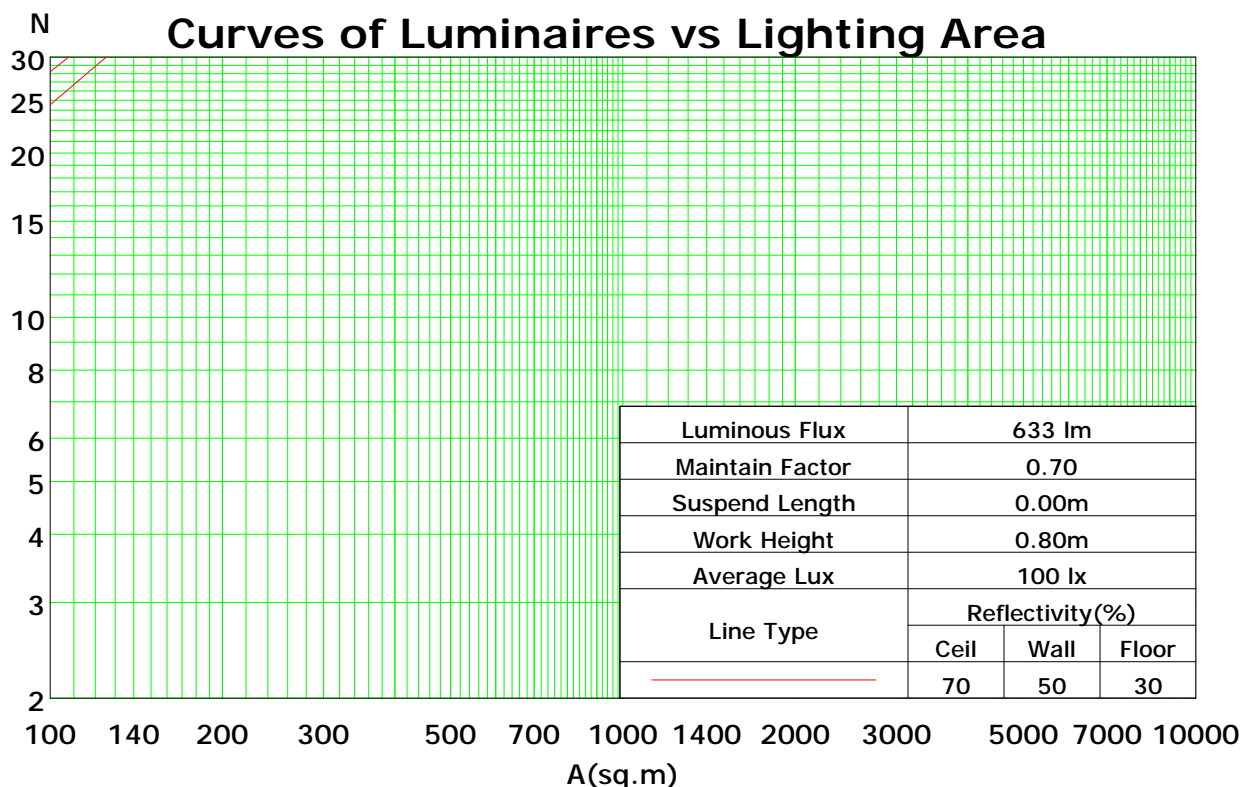
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	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	80
2	98	89	82	76	95	87	81	75	83	78	73	79	75	71	76	72	69	67
3	89	78	70	63	86	76	69	62	73	66	61	70	64	60	67	62	58	56
4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	54	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	49	44	54	48	43	41
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	51	42	35	62	50	41	35	48	40	35	46	39	34	45	39	34	32
8	60	46	38	32	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	42	34	28	40	33	28	39	32	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.22

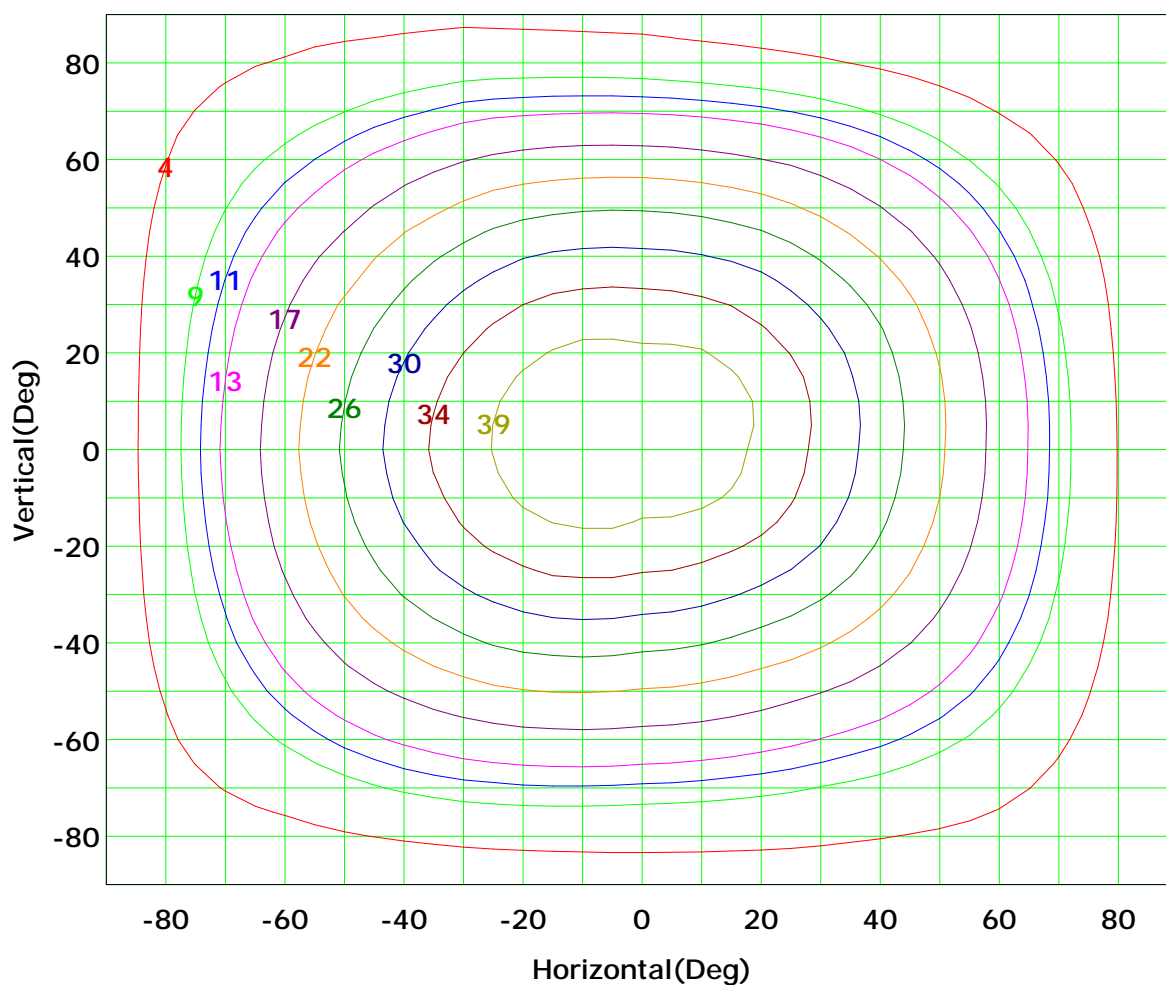
Spacing Criteria (Diagonal): 1.34



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)



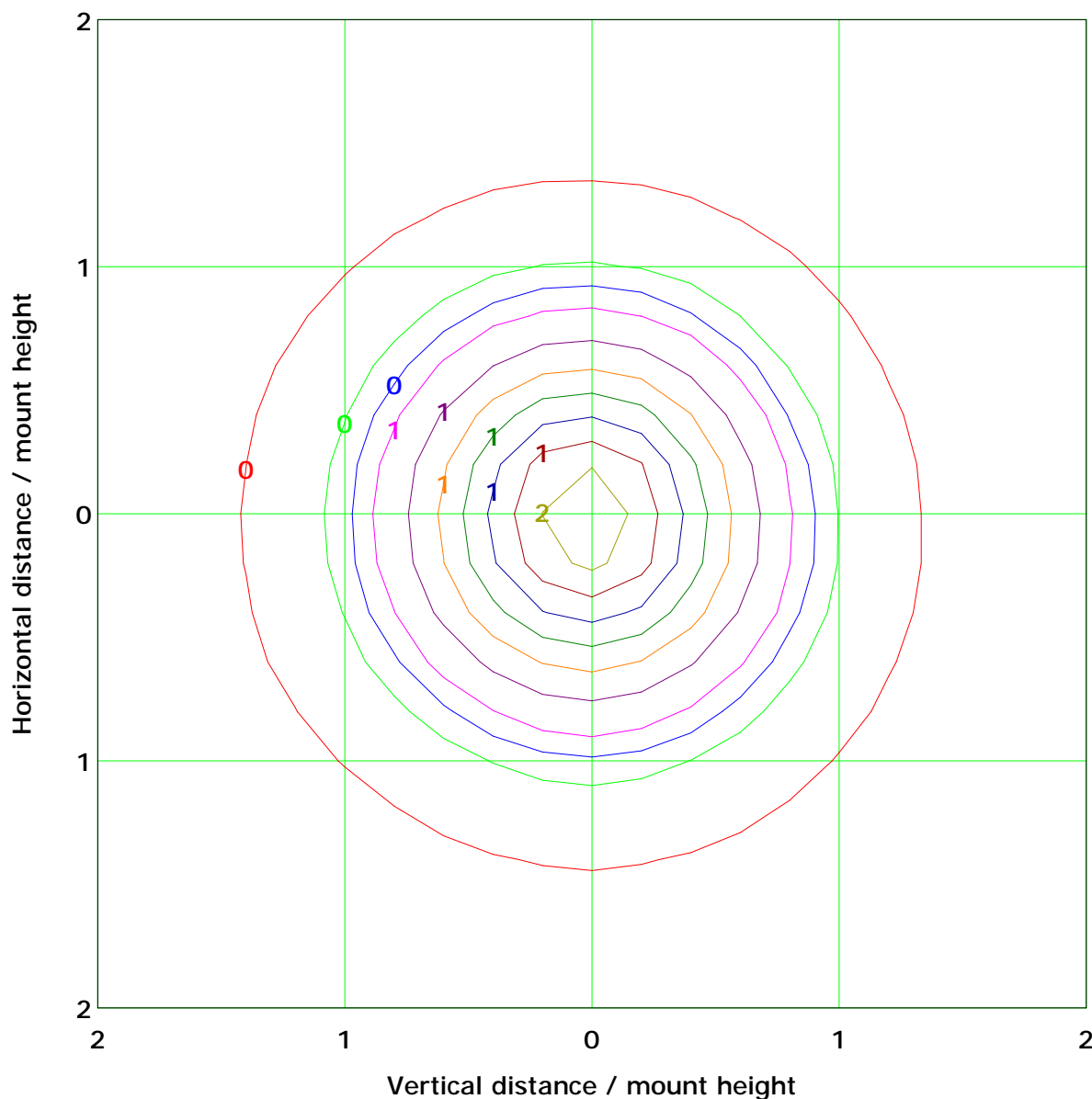
I_{max} (100%): 43 cd

(10%):	4 cd	(20%):	9 cd
(25%):	11 cd	(30%):	13 cd
(40%):	17 cd	(50%):	22 cd
(60%):	26 cd	(70%):	30 cd
(80%):	34 cd	(90%):	39 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%): 1.7 lx

(10%): 0.2 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.5 lx
(40%): 0.7 lx	(50%): 0.9 lx
(60%): 1.0 lx	(70%): 1.2 lx
(80%): 1.4 lx	(90%): 1.5 lx

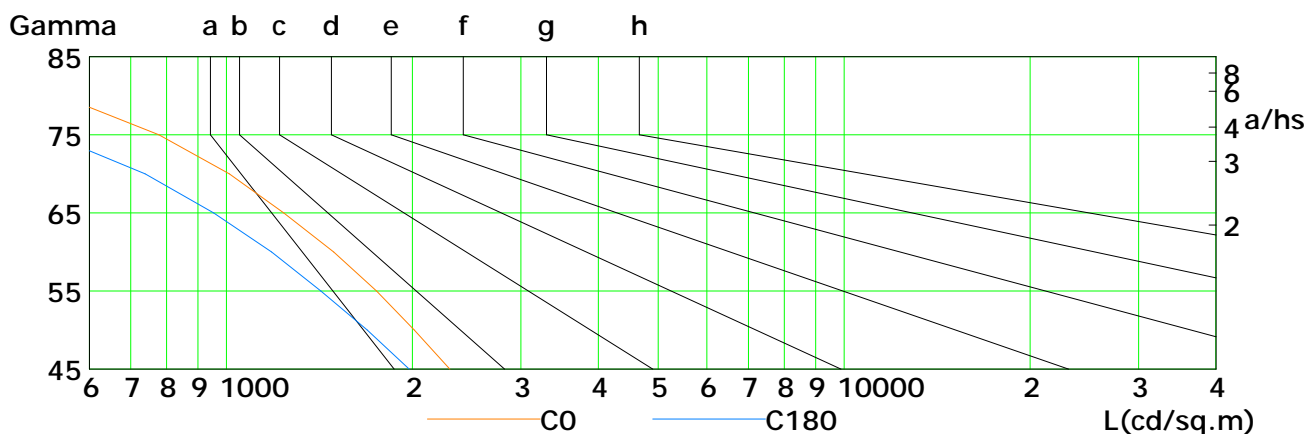
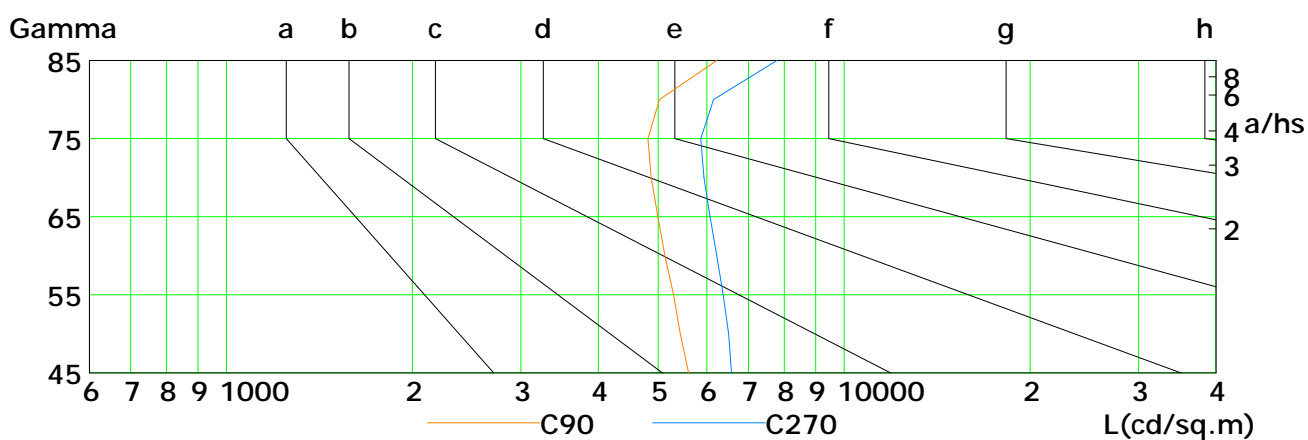
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

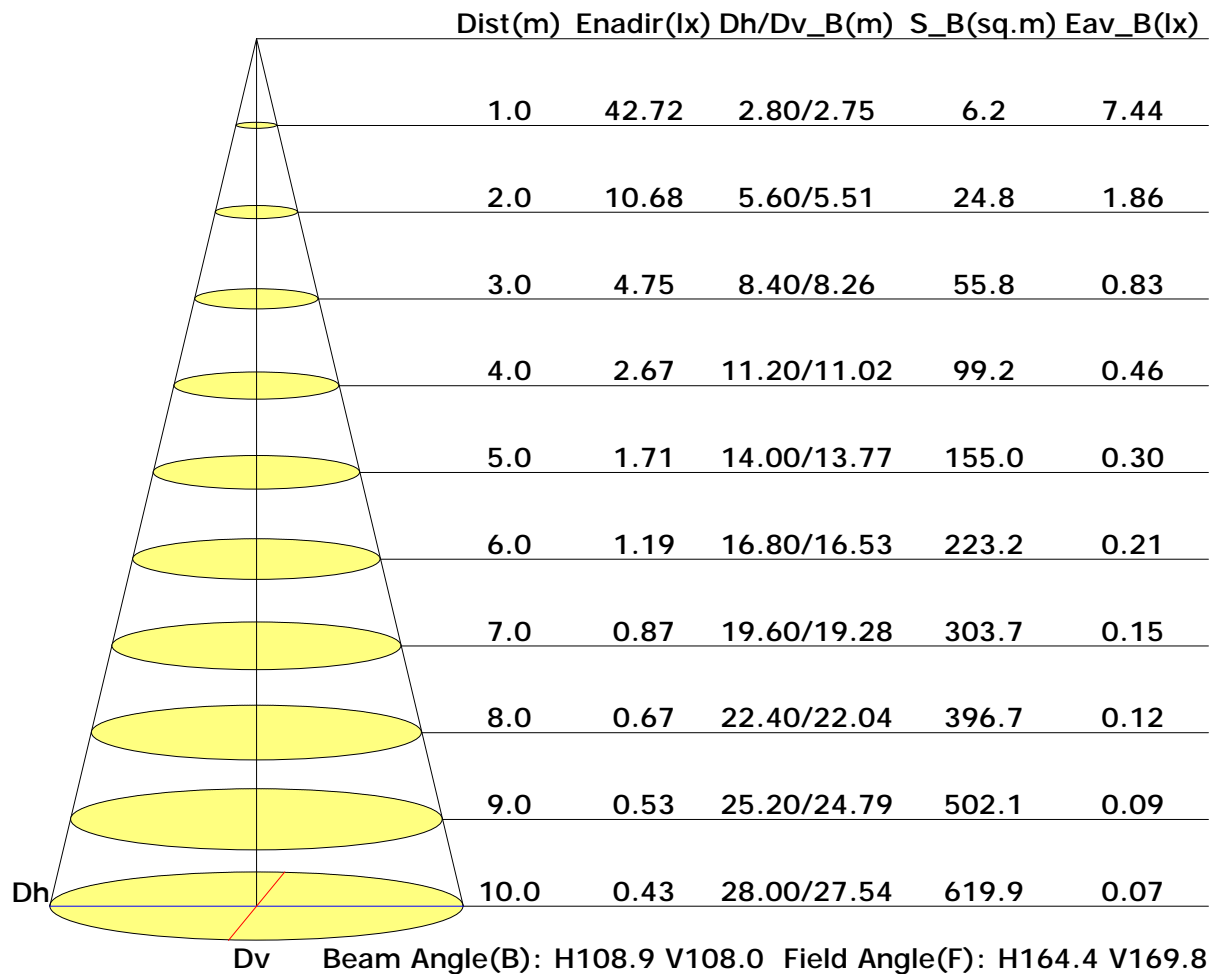


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2300	2016	1750	1491	1238	1011	778	539	328
C90	5601	5430	5296	5127	4994	4873	4814	5023	6222
C180	1977	1692	1423	1184	954	739	521	326	159
C270	6570	6506	6376	6221	6071	5935	5861	6147	7786

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

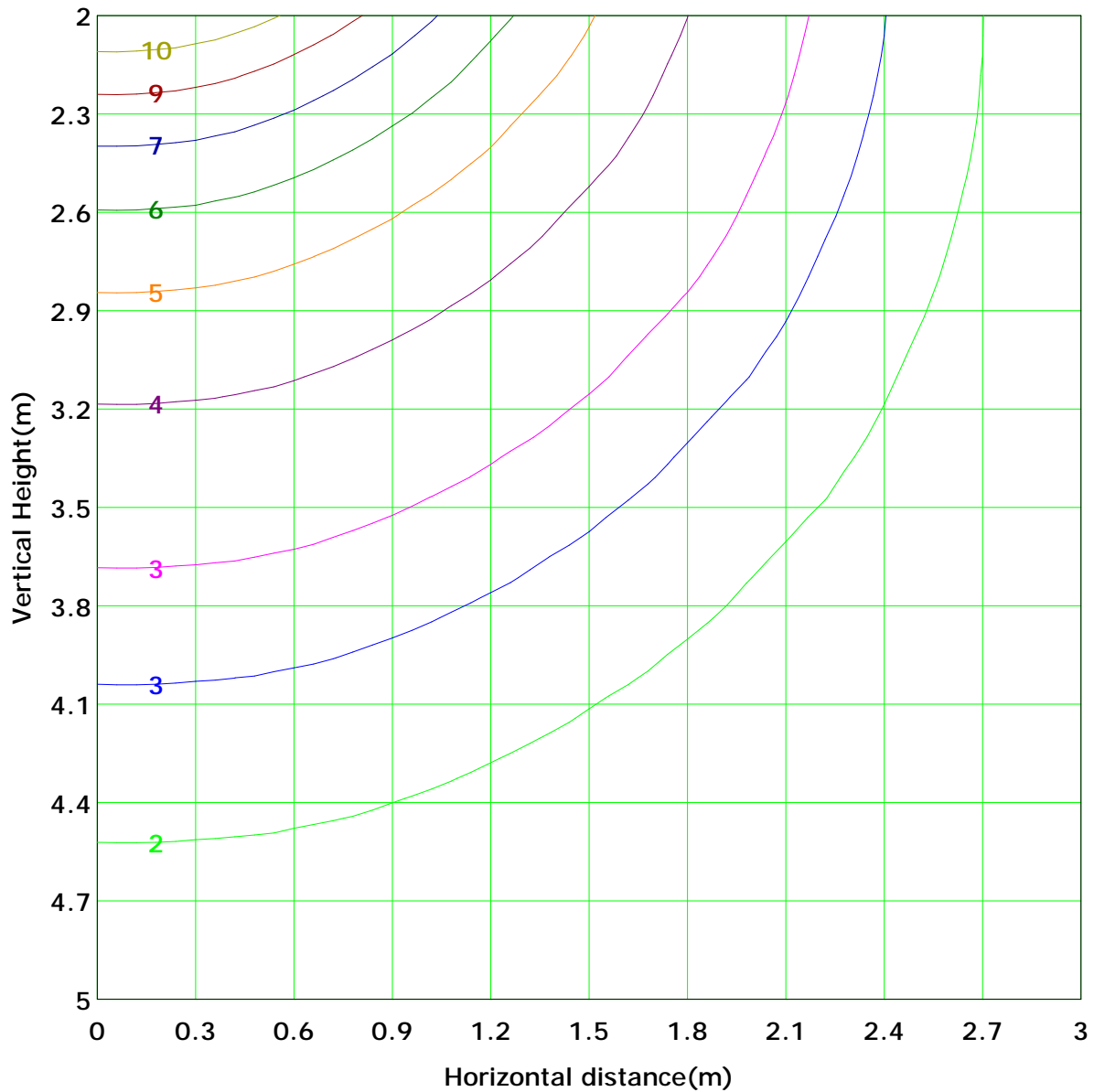
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 10.7 lx
(10%): 1.1 lx	(20%): 2.1 lx	
(25%): 2.7 lx	(30%): 3.2 lx	
(40%): 4.3 lx	(50%): 5.3 lx	
(60%): 6.4 lx	(70%): 7.5 lx	
(80%): 8.5 lx	(90%): 9.6 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

Unit: lm

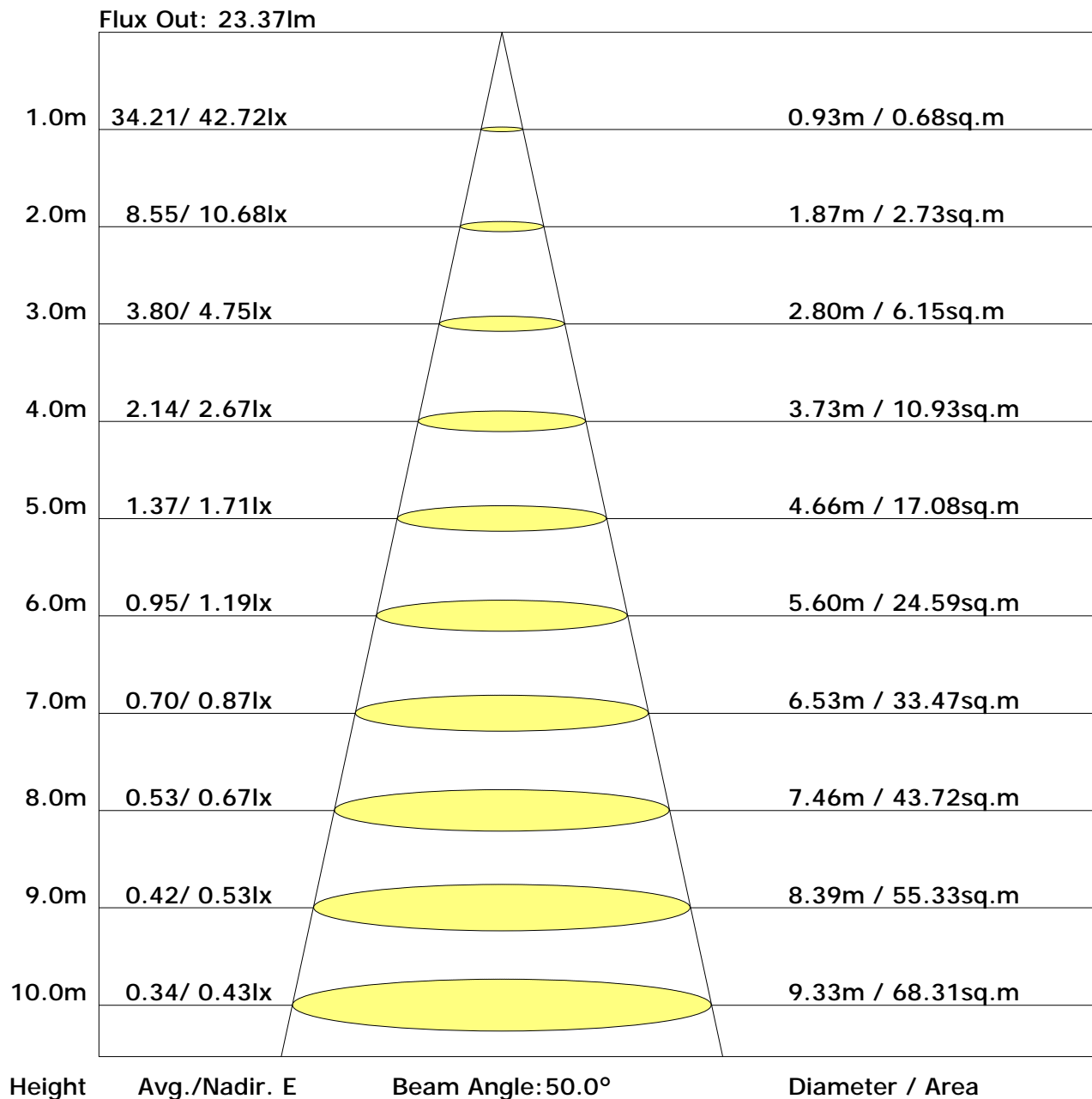
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5
	-70	0.0	0.0	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	1.9	1.7
	-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	3.7	3.6
	-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	5.9	5.8
	-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	8.3	8.2
	-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	10.6	10.5
	-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	12.4	12.3
	-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	13.4	13.3
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	13.5
	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	13.1	13.0
	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	11.6	11.5
	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	9.4	9.3
	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	6.9	6.8
	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	4.5	4.4
	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	2.5	2.4
	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	1.0	0.9
	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	0.2	0.1
	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	120	118
	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		

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	23.6	25.2	24.0	25.5	25.9	19.9	21.5	20.3	21.9	22.2
3H	25.6	27.0	26.0	27.4	27.8	21.3	22.7	21.7	23.1	23.5
4H	26.4	27.8	26.9	28.2	28.6	21.7	23.1	22.2	23.5	23.9
6H	27.2	28.4	27.6	28.8	29.3	22.1	23.3	22.5	23.7	24.2
8H	27.5	28.7	27.9	29.1	29.6	22.2	23.4	22.6	23.8	24.3
12H	27.7	28.9	28.2	29.3	29.8	22.2	23.4	22.7	23.8	24.3
X=4H Y=2H	23.8	25.2	24.2	25.6	26.0	20.6	22.0	21.1	22.4	22.8
3H	26.0	27.1	26.4	27.5	28.0	22.2	23.3	22.6	23.8	24.2
4H	26.9	27.9	27.4	28.4	28.9	22.7	23.8	23.2	24.2	24.7
6H	27.7	28.6	28.2	29.1	29.6	23.2	24.1	23.7	24.6	25.1
8H	28.0	28.9	28.5	29.4	29.9	23.3	24.2	23.8	24.7	25.2
12H	28.4	29.1	28.9	29.7	30.2	23.4	24.2	24.0	24.7	25.3
X=8H Y=4H	27.0	27.8	27.5	28.3	28.8	23.1	24.0	23.6	24.4	25.0
6H	27.8	28.6	28.4	29.1	29.6	23.6	24.4	24.2	24.9	25.4
8H	28.2	28.9	28.8	29.4	30.0	23.8	24.5	24.4	25.0	25.6
12H	28.6	29.2	29.1	29.7	30.3	24.0	24.6	24.6	25.1	25.7
X=12H Y=4H	27.0	27.7	27.5	28.3	28.8	23.1	23.9	23.7	24.4	25.0
6H	27.9	28.5	28.4	29.0	29.6	23.7	24.4	24.3	24.9	25.5
8H	28.3	28.8	28.8	29.4	30.0	24.0	24.5	24.5	25.1	25.7

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	0.66	0.73	0.78	0.85	0.90	0.94	0.99	1.02
	0.30		0.48	0.58	0.65	0.71	0.79	0.84	0.89	0.94	0.98
	0.20		0.42	0.52	0.59	0.65	0.74	0.80	0.84	0.90	0.94
0.50	0.50	0.20	0.54	0.63	0.70	0.75	0.82	0.86	0.90	0.94	0.97
	0.30		0.47	0.56	0.63	0.69	0.76	0.82	0.85	0.90	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		0.46	0.55	0.62	0.67	0.74	0.79	0.82	0.87	0.90
	0.20		0.41	0.50	0.57	0.63	0.70	0.75	0.79	0.84	0.88
0.00	0.00	0.00	0.38	0.48	0.54	0.59	0.66	0.71	0.75	0.79	0.82
Rating: 10W 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	1.00	0.83	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.33	0.27	0.22	
	0.20		0.72	0.62	0.55	0.50	0.41	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.80	0.68	0.60	0.48	0.43	0.34	0.27	0.22	
	0.30		0.81	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.76	0.65	0.57	0.46	0.38	0.33	0.25	0.21	
	0.30		0.79	0.67	0.58	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.50	0.43	0.39	0.32	0.27	0.23	0.18	0.15	
Rating: 10W 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	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.13	0.15	0.16	0.17	0.19	0.19	0.21	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.22	0.22	0.23	0.23
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18
0.30	0.50	0.20	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	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	0.08	0.10	0.11	0.13	0.14	0.15	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: 10W 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	42.4	0.0	0.0	0.03	0.03
1.0-2.0	42.4	0.1	0.2	0.10	0.13
2.0-3.0	42.3	0.2	0.4	0.17	0.30
3.0-4.0	42.3	0.3	0.6	0.23	0.53
4.0-5.0	42.2	0.4	1.0	0.30	0.82
5.0-6.0	42.1	0.4	1.5	0.36	1.18
6.0-7.0	42.0	0.5	2.0	0.43	1.61
7.0-8.0	41.9	0.6	2.6	0.49	2.10
8.0-9.0	41.7	0.7	3.3	0.55	2.65
9.0-10.0	41.6	0.8	4.0	0.61	3.26
10.0-11.0	41.4	0.8	4.8	0.67	3.94
11.0-12.0	41.2	0.9	5.7	0.73	4.67
12.0-13.0	41.0	1.0	6.7	0.79	5.47
13.0-14.0	40.8	1.0	7.7	0.85	6.32
14.0-15.0	40.6	1.1	8.9	0.91	7.22
15.0-16.0	40.3	1.2	10.0	0.96	8.19
16.0-17.0	40.0	1.2	11.3	1.02	9.20
17.0-18.0	39.7	1.3	12.6	1.07	10.27
18.0-19.0	39.4	1.4	14.0	1.12	11.39
19.0-20.0	39.1	1.4	15.4	1.17	12.55
20.0-21.0	38.8	1.5	16.9	1.21	13.77
21.0-22.0	38.4	1.5	18.4	1.26	15.03
22.0-23.0	38.1	1.6	20.0	1.30	16.33
23.0-24.0	37.7	1.6	21.7	1.34	17.67
24.0-25.0	37.3	1.7	23.4	1.38	19.05
25.0-26.0	36.9	1.7	25.1	1.42	20.47
26.0-27.0	36.4	1.8	26.9	1.45	21.92
27.0-28.0	36.0	1.8	28.7	1.49	23.41
28.0-29.0	35.6	1.9	30.6	1.52	24.93
29.0-30.0	35.1	1.9	32.5	1.55	26.47
30.0-31.0	34.6	1.9	34.4	1.57	28.04
31.0-32.0	34.2	2.0	36.4	1.60	29.64
32.0-33.0	33.7	2.0	38.3	1.62	31.26
33.0-34.0	33.2	2.0	40.4	1.64	32.90
34.0-35.0	32.7	2.0	42.4	1.66	34.55
35.0-36.0	32.2	2.0	44.4	1.67	36.22

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	31.6	2.1	46.5	1.68	37.90
37.0-38.0	31.1	2.1	48.6	1.69	39.60
38.0-39.0	30.5	2.1	50.7	1.70	41.30
39.0-40.0	30.0	2.1	52.8	1.71	43.00
40.0-41.0	29.4	2.1	54.8	1.71	44.71
41.0-42.0	28.9	2.1	56.9	1.71	46.42
42.0-43.0	28.3	2.1	59.0	1.71	48.13
43.0-44.0	27.7	2.1	61.1	1.71	49.84
44.0-45.0	27.1	2.1	63.2	1.70	51.54
45.0-46.0	26.6	2.1	65.3	1.69	53.23
46.0-47.0	26.0	2.1	67.4	1.68	54.91
47.0-48.0	25.4	2.1	69.4	1.67	56.59
48.0-49.0	24.8	2.0	71.5	1.66	58.25
49.0-50.0	24.2	2.0	73.5	1.65	59.89
50.0-51.0	23.6	2.0	75.5	1.63	61.52
51.0-52.0	23.0	2.0	77.4	1.61	63.13
52.0-53.0	22.4	1.9	79.4	1.59	64.71
53.0-54.0	21.7	1.9	81.3	1.56	66.28
54.0-55.0	21.1	1.9	83.2	1.54	67.81
55.0-56.0	20.5	1.9	85.0	1.51	69.32
56.0-57.0	19.9	1.8	86.9	1.48	70.81
57.0-58.0	19.3	1.8	88.6	1.45	72.26
58.0-59.0	18.6	1.7	90.4	1.42	73.68
59.0-60.0	18.0	1.7	92.1	1.39	75.06
60.0-61.0	17.4	1.7	93.7	1.35	76.42
61.0-62.0	16.7	1.6	95.4	1.32	77.73
62.0-63.0	16.1	1.6	96.9	1.28	79.01
63.0-64.0	15.5	1.5	98.5	1.24	80.25
64.0-65.0	14.9	1.5	99.9	1.20	81.45
65.0-66.0	14.3	1.4	101.4	1.16	82.62
66.0-67.0	13.7	1.4	102.7	1.12	83.74
67.0-68.0	13.1	1.3	104.1	1.08	84.82
68.0-69.0	12.5	1.3	105.3	1.04	85.85
69.0-70.0	11.9	1.2	106.5	0.99	86.85
70.0-71.0	11.2	1.2	107.7	0.95	87.79
71.0-72.0	10.7	1.1	108.8	0.90	88.70

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	10.1	1.1	109.9	0.86	89.56
73.0-74.0	9.5	1.0	110.9	0.81	90.37
74.0-75.0	8.9	0.9	111.8	0.77	91.14
75.0-76.0	8.3	0.9	112.7	0.72	91.86
76.0-77.0	7.8	0.8	113.5	0.68	92.53
77.0-78.0	7.2	0.8	114.3	0.63	93.17
78.0-79.0	6.7	0.7	115.0	0.59	93.75
79.0-80.0	6.1	0.7	115.7	0.54	94.29
80.0-81.0	5.6	0.6	116.3	0.50	94.79
81.0-82.0	5.1	0.6	116.8	0.45	95.24
82.0-83.0	4.6	0.5	117.3	0.41	95.65
83.0-84.0	4.2	0.5	117.8	0.37	96.02
84.0-85.0	3.7	0.4	118.2	0.33	96.36
85.0-86.0	3.3	0.4	118.6	0.29	96.65
86.0-87.0	2.9	0.3	118.9	0.26	96.91
87.0-88.0	2.6	0.3	119.2	0.23	97.14
88.0-89.0	2.2	0.2	119.4	0.20	97.34
89.0-90.0	1.9	0.2	119.6	0.17	97.51
90.0-91.0	1.7	0.2	119.8	0.15	97.66
91.0-92.0	1.5	0.2	120.0	0.13	97.79
92.0-93.0	1.3	0.1	120.1	0.12	97.91
93.0-94.0	1.2	0.1	120.2	0.10	98.01
94.0-95.0	1.0	0.1	120.4	0.09	98.10
95.0-96.0	0.9	0.1	120.4	0.08	98.18
96.0-97.0	0.8	0.1	120.5	0.07	98.26
97.0-98.0	0.7	0.1	120.6	0.06	98.32
98.0-99.0	0.6	0.1	120.7	0.06	98.38
99.0-100.0	0.6	0.1	120.7	0.05	98.43
100.0-101.0	0.6	0.1	120.8	0.05	98.48
101.0-102.0	0.5	0.1	120.9	0.05	98.52
102.0-103.0	0.5	0.1	120.9	0.04	98.56
103.0-104.0	0.5	0.0	121.0	0.04	98.60
104.0-105.0	0.4	0.0	121.0	0.04	98.64
105.0-106.0	0.4	0.0	121.1	0.04	98.68
106.0-107.0	0.4	0.0	121.1	0.03	98.71
107.0-108.0	0.4	0.0	121.1	0.03	98.74

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	0.4	0.0	121.2	0.03	98.78
109.0-110.0	0.4	0.0	121.2	0.03	98.81
110.0-111.0	0.4	0.0	121.3	0.03	98.84
111.0-112.0	0.4	0.0	121.3	0.03	98.88
112.0-113.0	0.4	0.0	121.3	0.03	98.91
113.0-114.0	0.4	0.0	121.4	0.03	98.94
114.0-115.0	0.4	0.0	121.4	0.03	98.97
115.0-116.0	0.4	0.0	121.4	0.03	99.00
116.0-117.0	0.4	0.0	121.5	0.03	99.03
117.0-118.0	0.4	0.0	121.5	0.03	99.06
118.0-119.0	0.4	0.0	121.6	0.03	99.09
119.0-120.0	0.4	0.0	121.6	0.03	99.12
120.0-121.0	0.4	0.0	121.6	0.03	99.15
121.0-122.0	0.4	0.0	121.7	0.03	99.17
122.0-123.0	0.4	0.0	121.7	0.03	99.20
123.0-124.0	0.4	0.0	121.7	0.03	99.23
124.0-125.0	0.4	0.0	121.8	0.03	99.26
125.0-126.0	0.4	0.0	121.8	0.03	99.29
126.0-127.0	0.4	0.0	121.8	0.03	99.31
127.0-128.0	0.4	0.0	121.9	0.03	99.34
128.0-129.0	0.4	0.0	121.9	0.03	99.36
129.0-130.0	0.4	0.0	121.9	0.03	99.39
130.0-131.0	0.4	0.0	122.0	0.02	99.41
131.0-132.0	0.4	0.0	122.0	0.02	99.44
132.0-133.0	0.4	0.0	122.0	0.02	99.46
133.0-134.0	0.3	0.0	122.0	0.02	99.48
134.0-135.0	0.3	0.0	122.1	0.02	99.50
135.0-136.0	0.3	0.0	122.1	0.02	99.53
136.0-137.0	0.3	0.0	122.1	0.02	99.55
137.0-138.0	0.3	0.0	122.1	0.02	99.57
138.0-139.0	0.3	0.0	122.2	0.02	99.59
139.0-140.0	0.3	0.0	122.2	0.02	99.61
140.0-141.0	0.3	0.0	122.2	0.02	99.63
141.0-142.0	0.3	0.0	122.2	0.02	99.65
142.0-143.0	0.3	0.0	122.3	0.02	99.67
143.0-144.0	0.3	0.0	122.3	0.02	99.68

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	0.3	0.0	122.3	0.02	99.70
145.0-146.0	0.3	0.0	122.3	0.02	99.72
146.0-147.0	0.3	0.0	122.3	0.02	99.73
147.0-148.0	0.3	0.0	122.4	0.02	99.75
148.0-149.0	0.3	0.0	122.4	0.01	99.76
149.0-150.0	0.3	0.0	122.4	0.01	99.78
150.0-151.0	0.3	0.0	122.4	0.01	99.79
151.0-152.0	0.3	0.0	122.4	0.01	99.80
152.0-153.0	0.3	0.0	122.5	0.01	99.82
153.0-154.0	0.3	0.0	122.5	0.01	99.83
154.0-155.0	0.3	0.0	122.5	0.01	99.84
155.0-156.0	0.3	0.0	122.5	0.01	99.86
156.0-157.0	0.3	0.0	122.5	0.01	99.87
157.0-158.0	0.3	0.0	122.5	0.01	99.88
158.0-159.0	0.3	0.0	122.5	0.01	99.89
159.0-160.0	0.3	0.0	122.6	0.01	99.90
160.0-161.0	0.3	0.0	122.6	0.01	99.91
161.0-162.0	0.3	0.0	122.6	0.01	99.92
162.0-163.0	0.3	0.0	122.6	0.01	99.93
163.0-164.0	0.3	0.0	122.6	0.01	99.93
164.0-165.0	0.3	0.0	122.6	0.01	99.94
165.0-166.0	0.3	0.0	122.6	0.01	99.95
166.0-167.0	0.3	0.0	122.6	0.01	99.95
167.0-168.0	0.3	0.0	122.6	0.01	99.96
168.0-169.0	0.3	0.0	122.6	0.01	99.97
169.0-170.0	0.3	0.0	122.6	0.01	99.97
170.0-171.0	0.4	0.0	122.6	0.01	99.98
171.0-172.0	0.4	0.0	122.7	0.00	99.98
172.0-173.0	0.3	0.0	122.7	0.00	99.99
173.0-174.0	0.3	0.0	122.7	0.00	99.99
174.0-175.0	0.3	0.0	122.7	0.00	99.99
175.0-176.0	0.4	0.0	122.7	0.00	100.00
176.0-177.0	0.4	0.0	122.7	0.00	100.00
177.0-178.0	0.4	0.0	122.7	0.00	100.00
178.0-179.0	0.4	0.0	122.7	0.00	100.00
179.0-180.0	0.4	0.0	122.7	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: