

Report No.:

Test Time: 2022/1/6 15:40

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Double Row Ribbonlyte

Luminaire Description: DRRB0RGBWAS22012.0RGB35

Lamp Catalog: 5050-RGBW4IN1

Number of Lamps: 240/M

Luminous Width (mm): 26

Voltage: 24.0 V

Power: 5.54 W

Lamp Description: BLUE

Luminous Length (mm): 500

Luminous Height (mm): 2

Current: 0.231 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 125.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H163.7,H123.5

Vertical Diffuse Angle(10%,50%): V164.5,V127.2

Luminaire Efficacy Rating (LER): 23

Max. Intensity: 38.69 cd

Total Rated Lamp Lumens: 125.9 lm

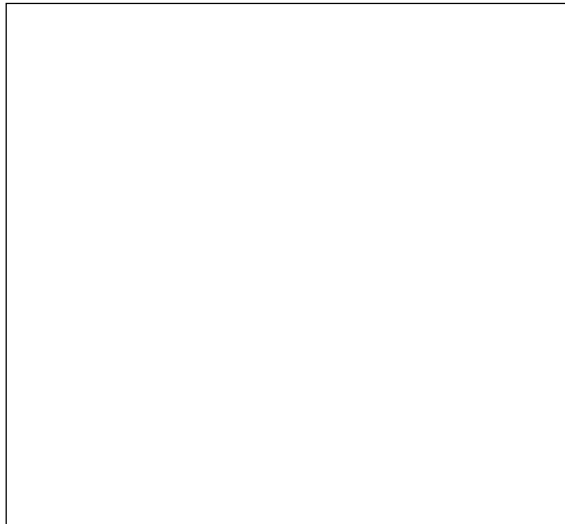
Efficiency: 100%

Upward Ratio: 1%

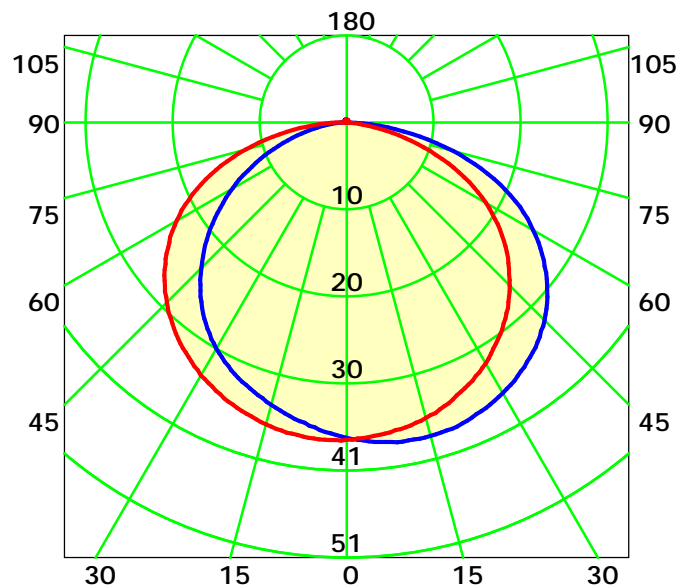
Central Intensity: 37.29 cd

Pos of Max. Intensity: H330 V16

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 125.4° 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

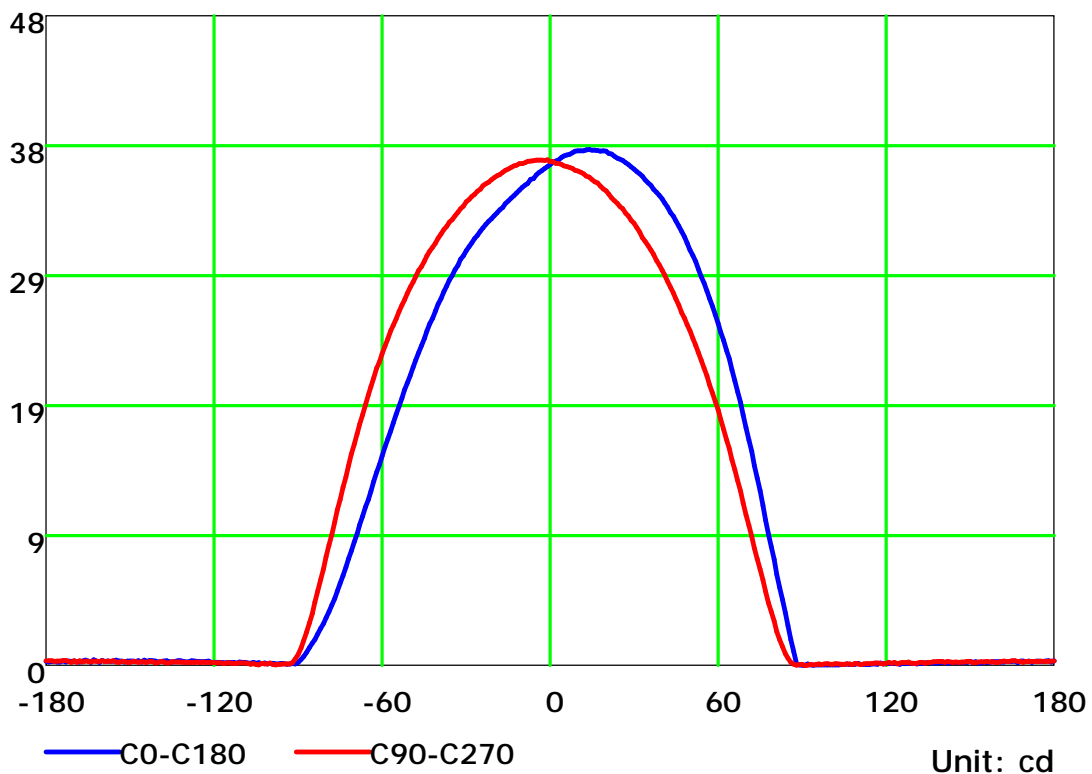
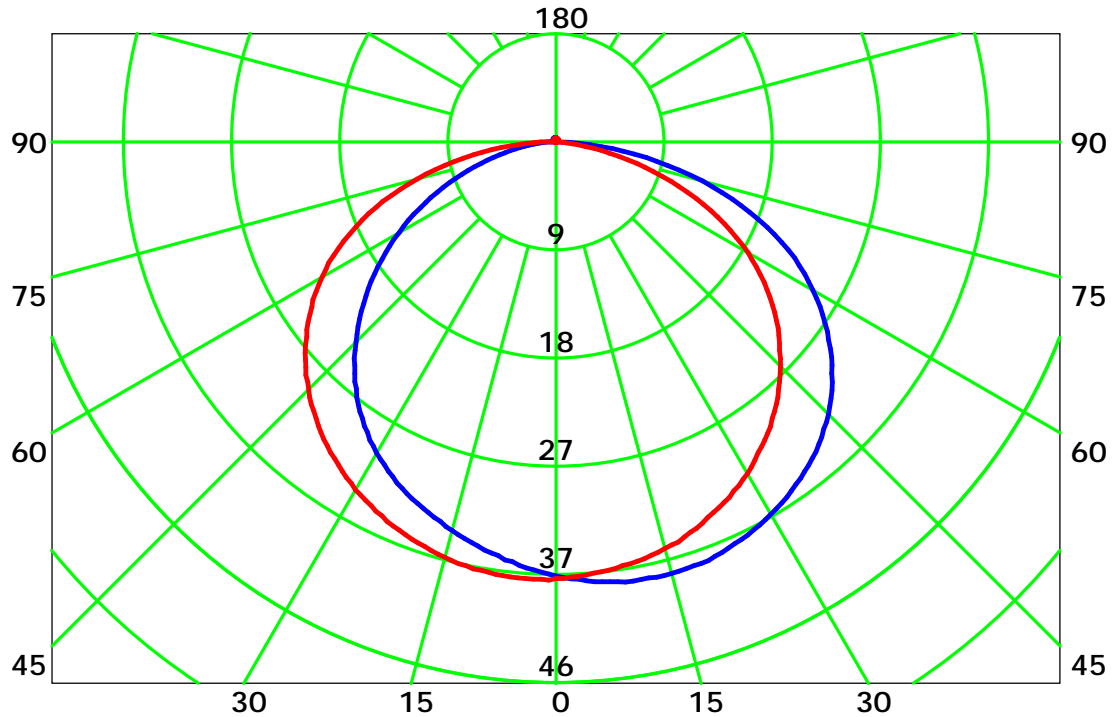
Distance: 9.028 m

Humidity: 60%

Inspector:



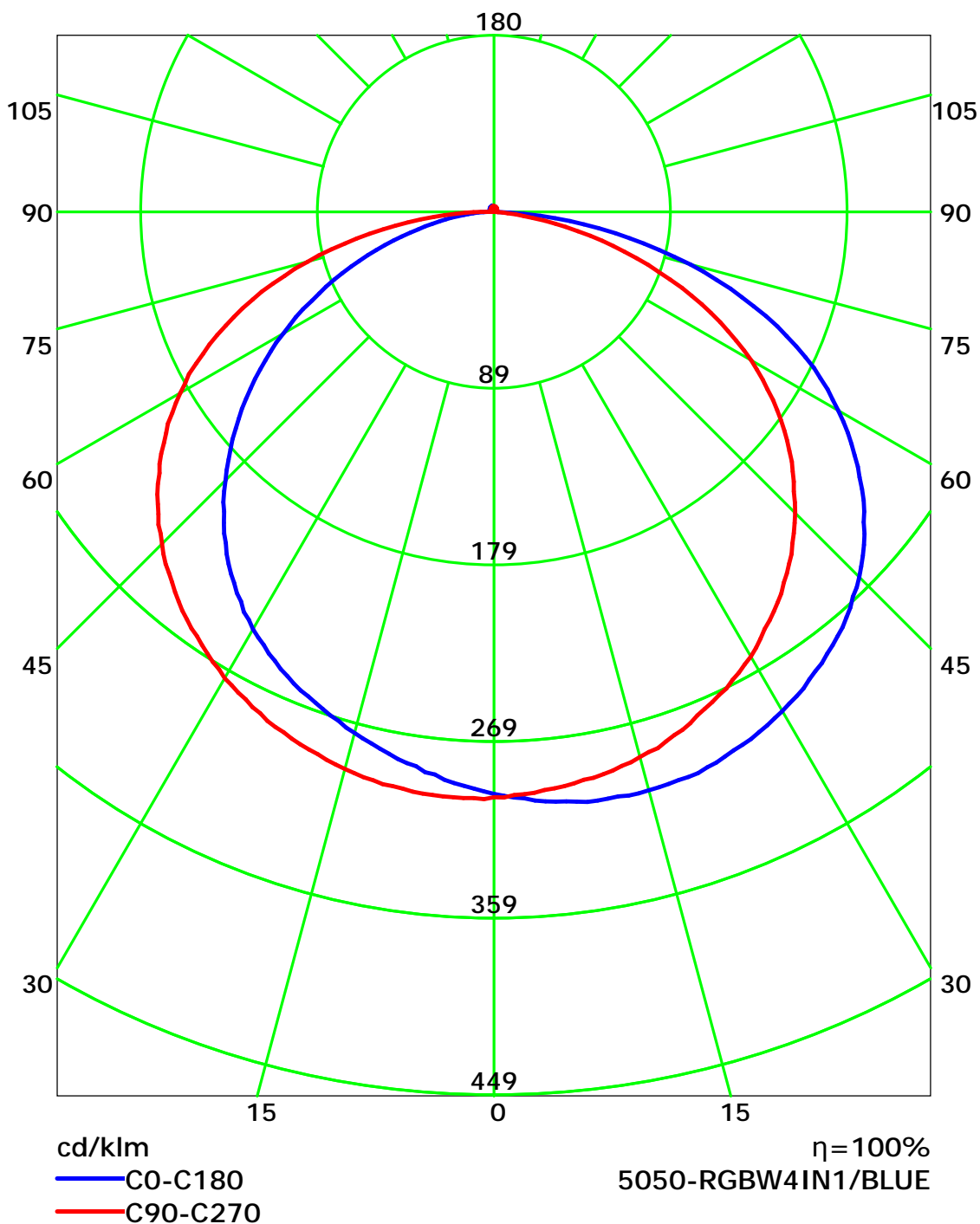
Luminous Intensity Distribution Curve



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:

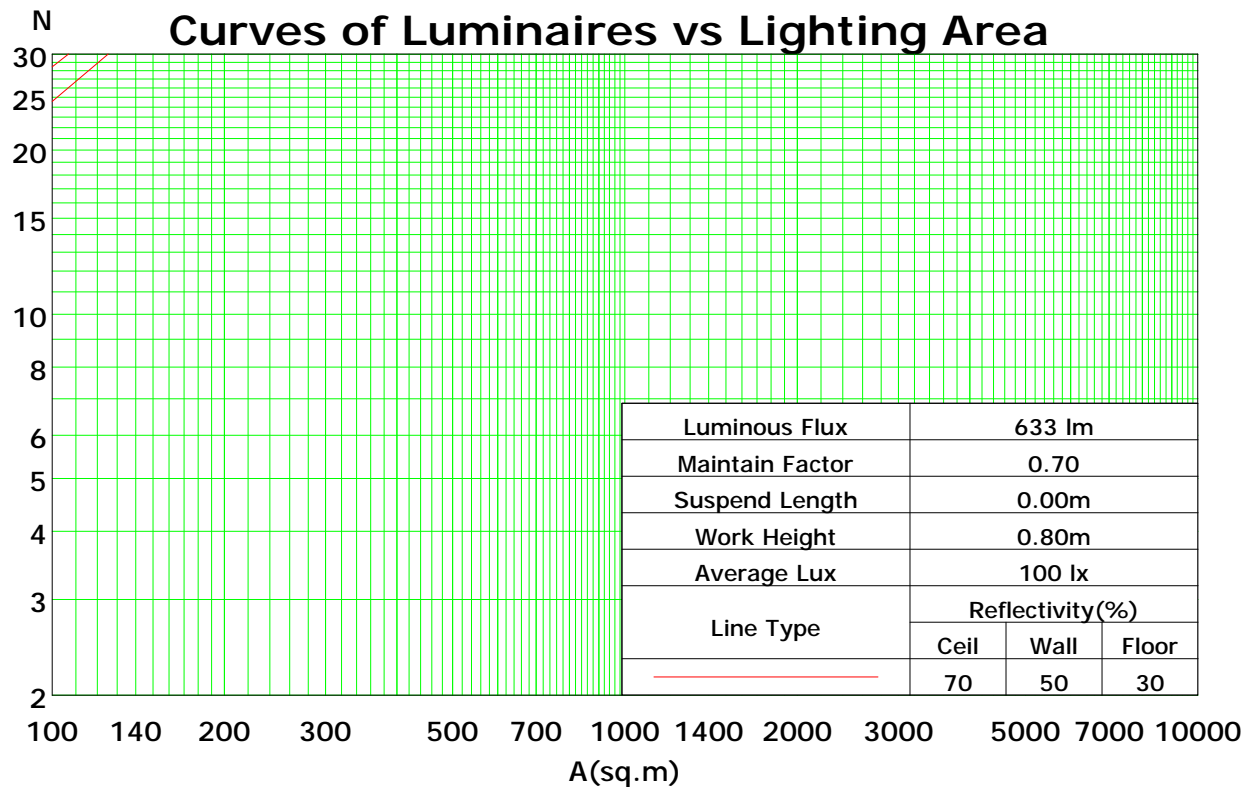
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	108	103	98	94	105	100	96	93	96	93	89	92	89	86	88	86	84	82
2	98	89	82	76	95	87	80	75	83	77	73	80	75	71	76	73	69	67
3	88	77	69	62	86	76	68	61	73	66	60	70	64	59	67	62	58	55
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	59	54	49	47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40
6	68	54	45	38	66	53	44	38	51	44	38	49	43	37	48	42	37	35
7	63	49	40	34	61	48	40	33	46	39	33	45	38	33	43	37	32	30
8	59	45	36	30	57	44	35	30	42	35	29	41	34	29	40	34	29	27
9	55	41	32	27	53	40	32	27	39	32	26	38	31	26	37	30	26	24
10	51	38	29	24	50	37	29	24	36	29	24	35	28	24	34	28	23	22

Spacing Criteria (0-180): 1.35

Spacing Criteria (90-270): 1.34

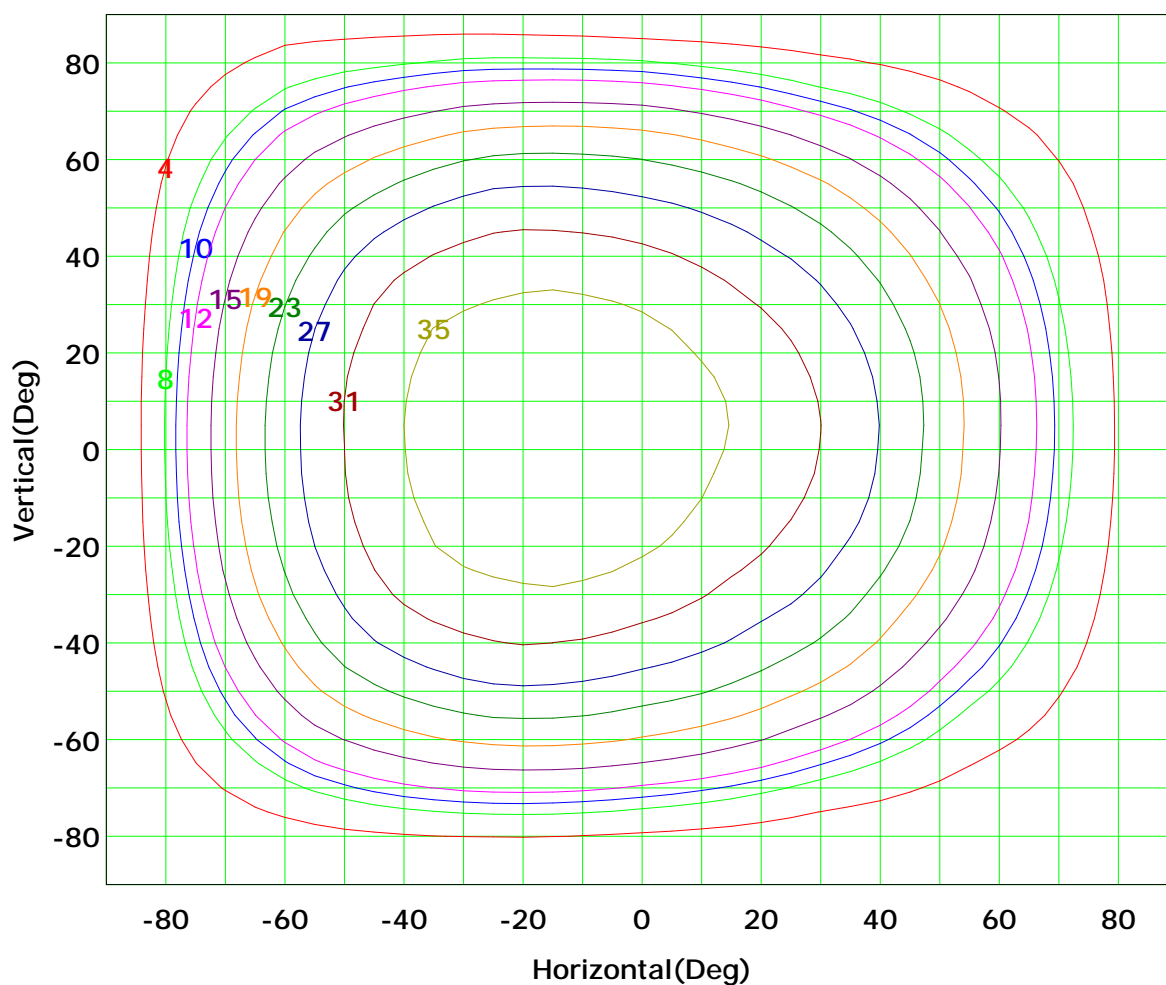
Spacing Criteria (Diagonal): 1.49



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)



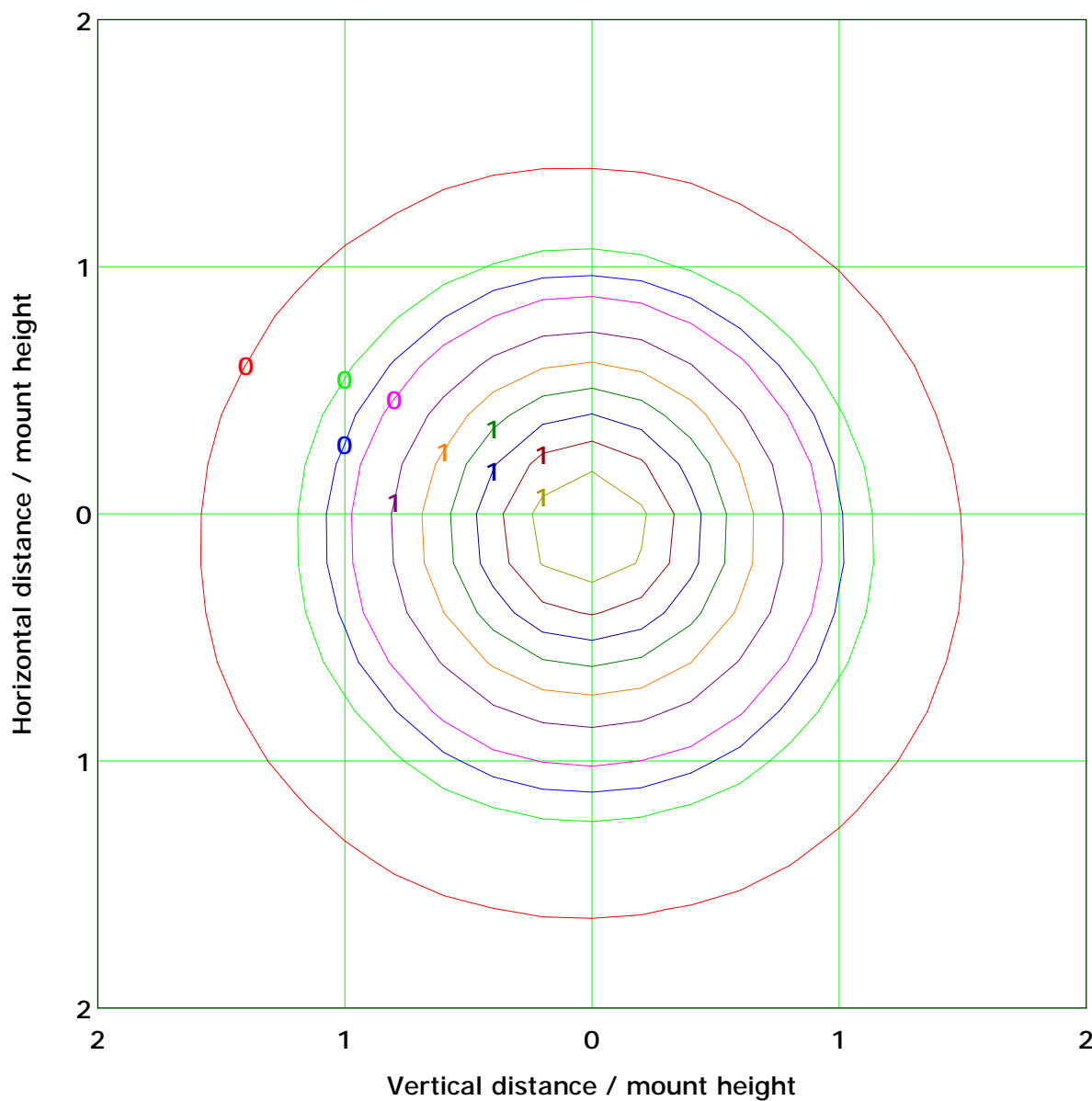
Imax (100%): 39 cd

(10%):	4 cd	(20%):	8 cd
(25%):	10 cd	(30%):	12 cd
(40%):	15 cd	(50%):	19 cd
(60%):	23 cd	(70%):	27 cd
(80%):	31 cd	(90%):	35 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%): 1.5 lx

(10%): 0.2 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.5 lx
(40%): 0.6 lx	(50%): 0.8 lx
(60%): 0.9 lx	(70%): 1.1 lx
(80%): 1.2 lx	(90%): 1.4 lx

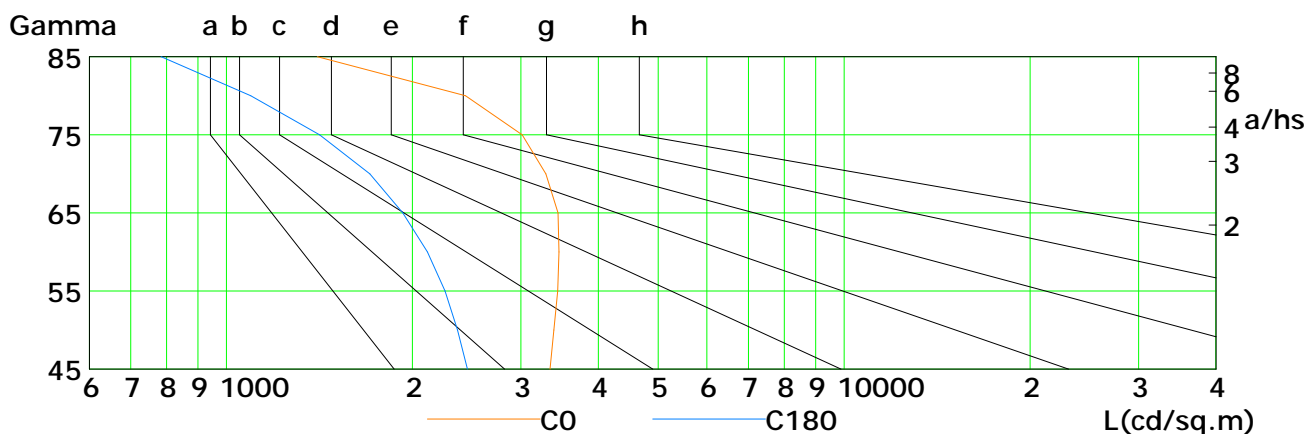
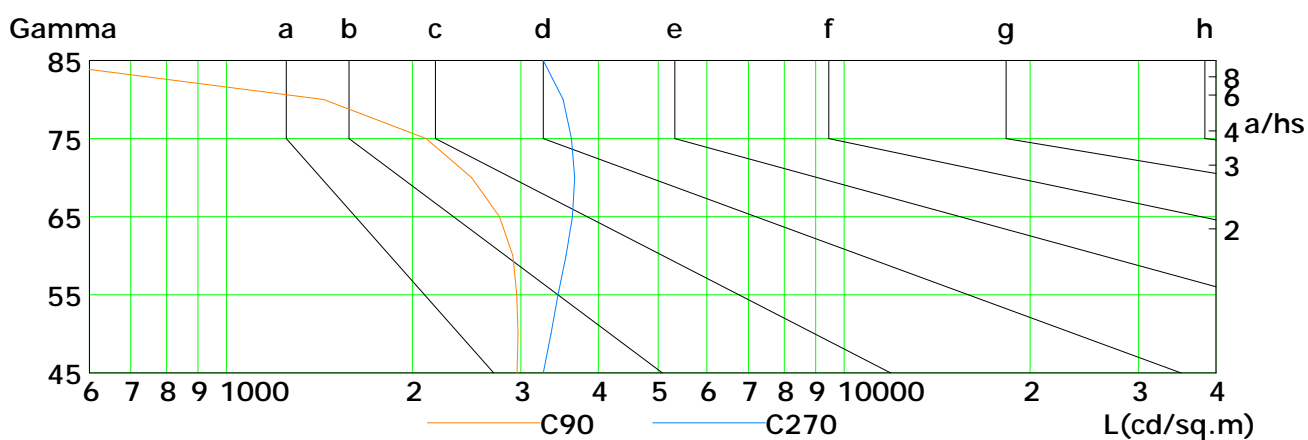
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: JACKY

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

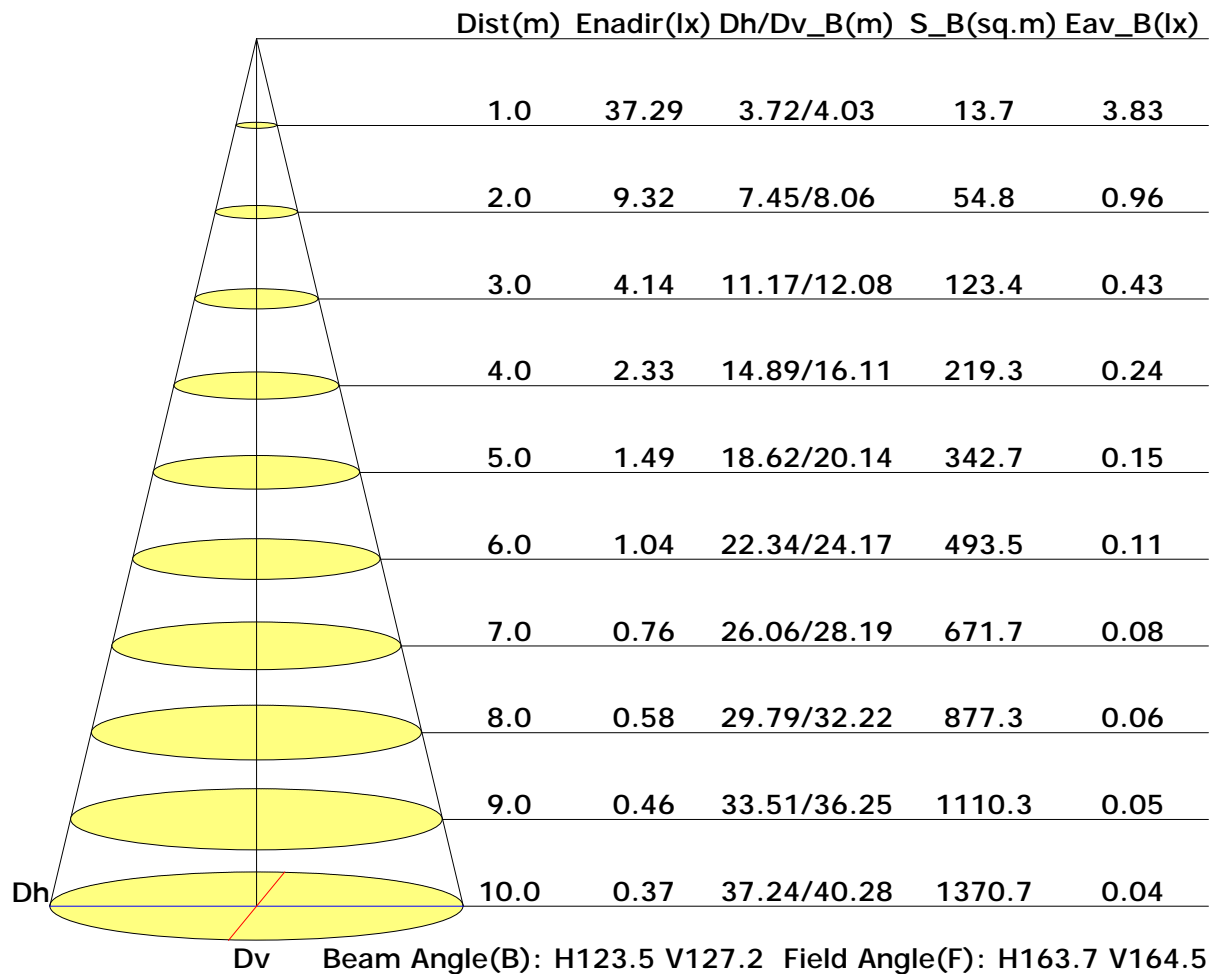


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3344	3391	3440	3458	3442	3290	3013	2440	1404
C90	2957	2968	2954	2911	2767	2496	2105	1438	464
C180	2458	2368	2260	2115	1931	1708	1416	1095	784
C270	3260	3355	3442	3548	3633	3662	3619	3509	3258

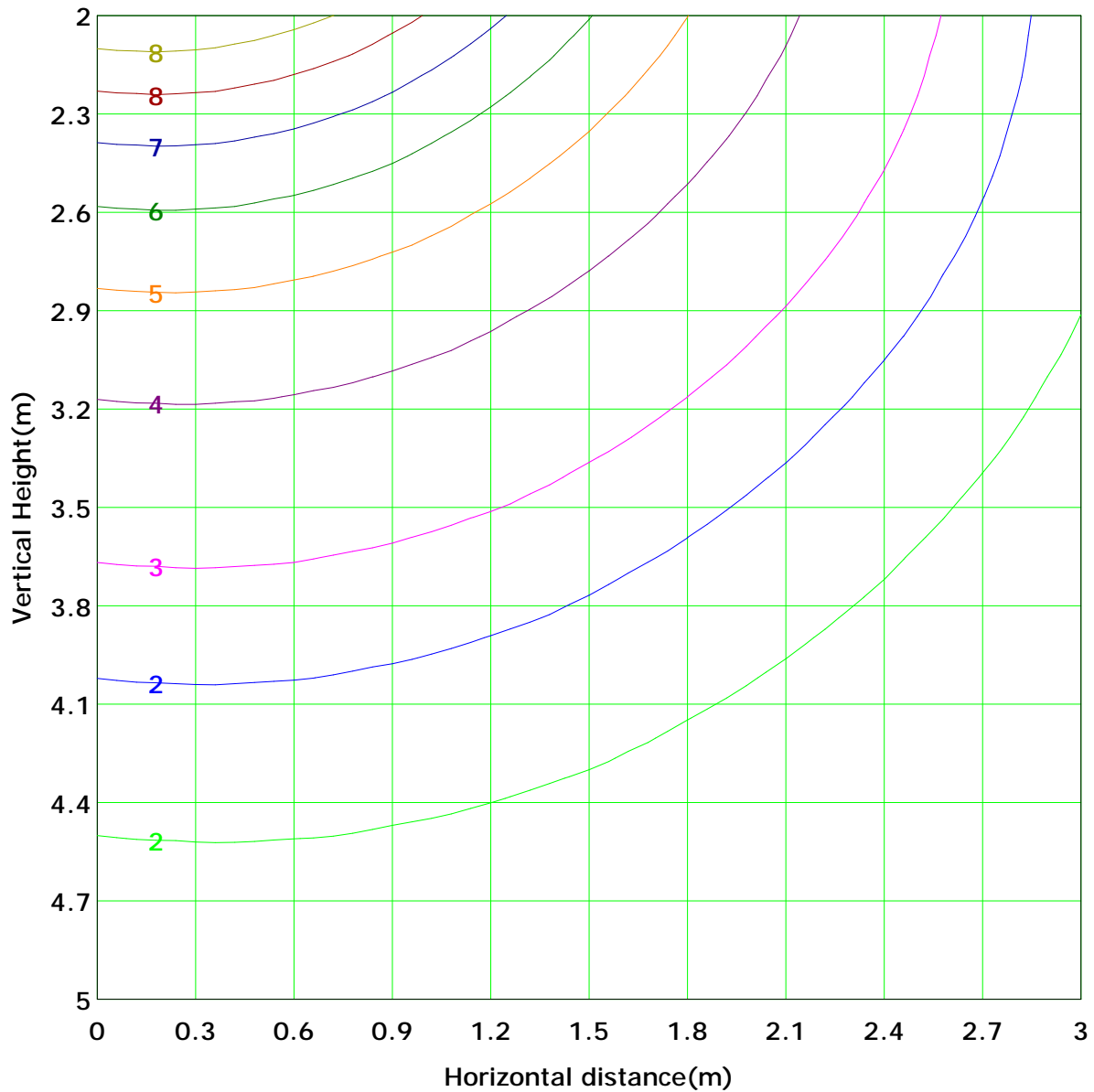
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: JACKY

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: 9.4 lx
(10%): 0.9 lx	(20%): 1.9 lx	
(25%): 2.4 lx	(30%): 2.8 lx	
(40%): 3.8 lx	(50%): 4.7 lx	
(60%): 5.6 lx	(70%): 6.6 lx	
(80%): 7.5 lx	(90%): 8.5 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:

Area Flux Table

Unit: lm

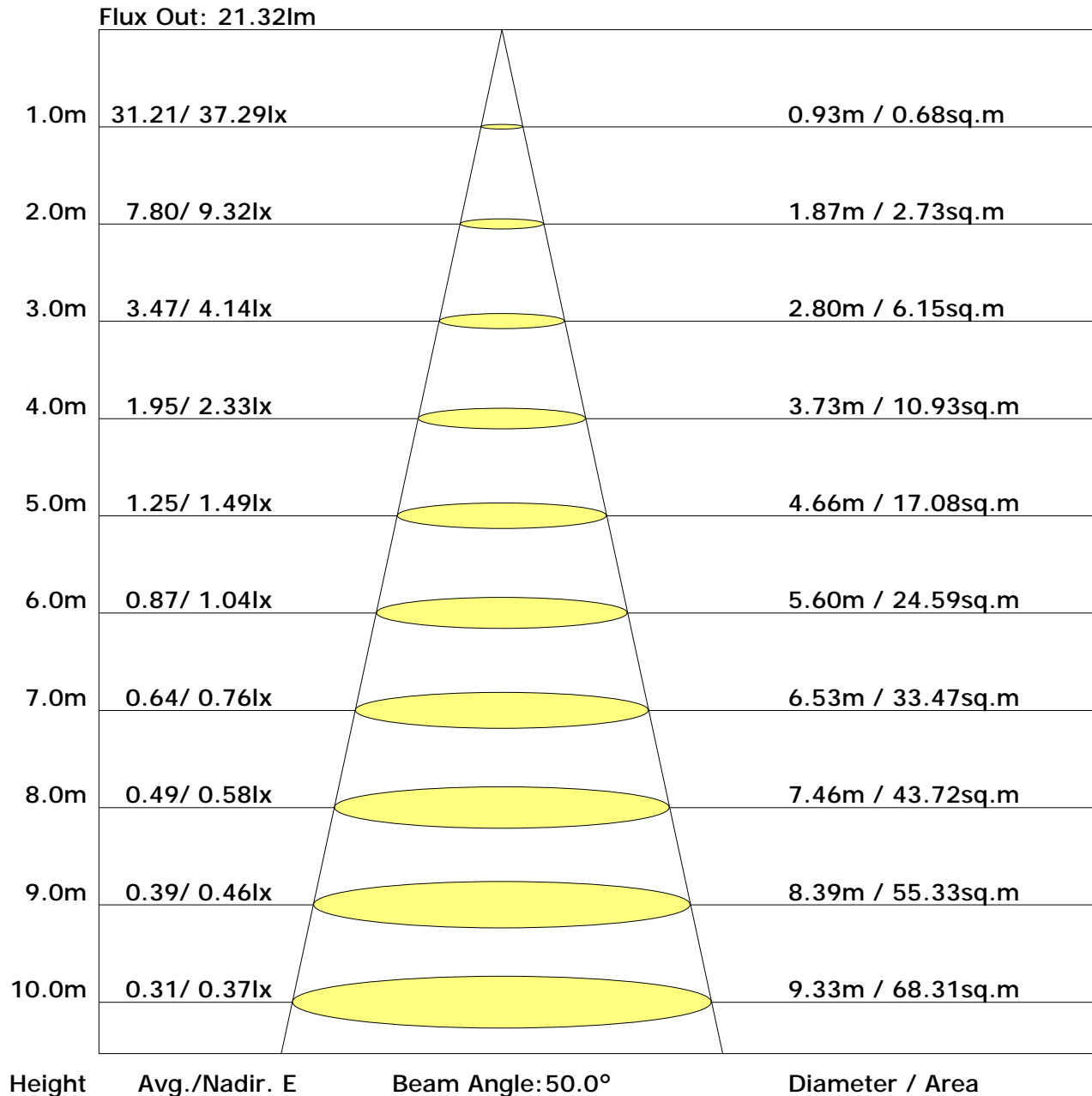
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4
	-70	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.5
	-60	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.3
	-50	0.0	0.0	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	5.7	5.6
	-40	0.0	0.0	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	8.0	7.9
	-30	0.0	0.0	0.4	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	10.2	10.1
	-20	0.0	0.0	0.5	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	11.9	11.8
	-10	0.0	0.1	0.6	0.8	0.9	1.0	1.1	1.1	1.1	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	13.2	13.1
	0	0.0	0.1	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	13.8	13.7
	10	0.0	0.1	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	13.6	13.6
	20	0.0	0.1	0.9	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	12.7	12.6
	30	0.0	0.1	1.0	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	10.9	10.8
	40	0.0	0.1	1.1	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	8.6	8.5
	50	0.0	0.1	1.2	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	5.9	5.8
	60	0.0	0.1	1.3	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	3.2	3.2
	70	0.0	0.1	1.4	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	1.2	1.1
	80	0.0	0.1	1.5	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.1	0.1
	90	0.0	0.1	1.6	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.1	0.1
	Flux(E)	0.0	0.4	1.5	3.3	5.6	7.9	10.1	11.8	13.1	13.7	13.6	12.6	10.8	8.5	5.8	3.2	1.1	0.1	0.1	125	123

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	24.8	26.5	25.2	26.8	27.2	22.7	24.4	23.1	24.8	25.1
3H	27.0	28.5	27.4	28.9	29.3	24.4	25.9	24.8	26.2	26.6
4H	27.9	29.3	28.3	29.7	30.1	24.9	26.3	25.3	26.7	27.1
6H	28.5	29.8	28.9	30.2	30.6	25.1	26.4	25.5	26.8	27.2
8H	28.7	29.9	29.1	30.3	30.8	25.1	26.4	25.6	26.8	27.2
12H	28.8	30.0	29.2	30.4	30.8	25.1	26.3	25.5	26.7	27.2
X=4H Y=2H	25.5	26.9	25.9	27.3	27.7	23.5	24.9	23.9	25.3	25.7
3H	27.9	29.1	28.4	29.6	30.0	25.3	26.5	25.7	26.9	27.3
4H	28.9	30.0	29.4	30.4	30.9	25.9	27.0	26.3	27.4	27.9
6H	29.7	30.6	30.1	31.1	31.6	26.2	27.1	26.7	27.6	28.1
8H	29.9	30.8	30.4	31.3	31.7	26.2	27.1	26.7	27.6	28.1
12H	30.1	30.9	30.6	31.4	31.8	26.2	27.0	26.7	27.5	28.0
X=8H Y=4H	29.2	30.1	29.7	30.6	31.1	26.2	27.1	26.7	27.6	28.1
6H	30.1	30.9	30.6	31.4	31.9	26.6	27.3	27.1	27.8	28.3
8H	30.4	31.1	31.0	31.6	32.1	26.7	27.3	27.2	27.8	28.4
12H	30.7	31.3	31.2	31.8	32.4	26.7	27.3	27.2	27.8	28.3
X=12H Y=4H	29.3	30.1	29.8	30.6	31.1	26.3	27.1	26.8	27.6	28.0
6H	30.2	30.9	30.7	31.3	31.9	26.7	27.3	27.2	27.8	28.4
8H	30.6	31.2	31.1	31.7	32.2	26.7	27.3	27.3	27.8	28.4

Calculate in accordance with CIE 190:2010

 C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: 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 = 1.50								
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	0.57	0.65	0.73	0.78	0.86	0.91	0.95	0.99	1.02
	0.30		0.49	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.99
	0.20		0.43	0.51	0.59	0.66	0.74	0.80	0.85	0.91	0.96
0.50	0.50	0.20	0.55	0.63	0.70	0.76	0.83	0.87	0.91	0.95	0.98
	0.30		0.48	0.56	0.64	0.69	0.77	0.82	0.86	0.92	0.95
	0.20		0.43	0.51	0.59	0.64	0.73	0.78	0.83	0.88	0.92
0.30	0.50	0.20	0.53	0.61	0.68	0.73	0.80	0.84	0.87	0.91	0.94
	0.30		0.47	0.55	0.62	0.68	0.75	0.80	0.84	0.88	0.92
	0.20		0.42	0.50	0.58	0.63	0.71	0.76	0.80	0.86	0.89
0.00	0.00	0.00	0.40	0.47	0.55	0.60	0.67	0.72	0.76	0.81	0.84
Rating: 6W 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 = 1.50									
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	0.99	0.85	0.72	0.63	0.50	0.42	0.36	0.28	0.23	
	0.30		0.83	0.73	0.63	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.71	0.63	0.56	0.50	0.41	0.35	0.31	0.25	0.20	
0.50	0.50	0.20	0.96	0.81	0.69	0.60	0.48	0.43	0.34	0.26	0.21	
	0.30		0.81	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.70	0.62	0.54	0.49	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.78	0.66	0.57	0.46	0.38	0.32	0.25	0.21	
	0.30		0.79	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.61	0.54	0.48	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.52	0.44	0.39	0.32	0.27	0.23	0.18	0.15	
Rating: 6W 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 = 1.50									
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	0.19	0.20	0.20	0.21	0.22	0.22	0.23	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	0.13	0.15	0.16	0.18	
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.10	0.11	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: 6W 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	37.4	0.0	0.0	0.03	0.03
1.0-2.0	37.4	0.1	0.1	0.09	0.11
2.0-3.0	37.4	0.2	0.3	0.14	0.26
3.0-4.0	37.4	0.3	0.6	0.20	0.45
4.0-5.0	37.3	0.3	0.9	0.26	0.71
5.0-6.0	37.3	0.4	1.3	0.31	1.02
6.0-7.0	37.3	0.5	1.7	0.37	1.39
7.0-8.0	37.2	0.5	2.3	0.42	1.81
8.0-9.0	37.1	0.6	2.9	0.48	2.29
9.0-10.0	37.1	0.7	3.6	0.53	2.82
10.0-11.0	37.0	0.7	4.3	0.59	3.41
11.0-12.0	36.9	0.8	5.1	0.64	4.05
12.0-13.0	36.8	0.9	6.0	0.69	4.74
13.0-14.0	36.7	0.9	6.9	0.75	5.49
14.0-15.0	36.6	1.0	7.9	0.80	6.29
15.0-16.0	36.5	1.1	9.0	0.85	7.14
16.0-17.0	36.4	1.1	10.1	0.90	8.04
17.0-18.0	36.2	1.2	11.3	0.95	8.99
18.0-19.0	36.1	1.3	12.6	1.00	9.98
19.0-20.0	36.0	1.3	13.9	1.05	11.03
20.0-21.0	35.8	1.4	15.3	1.09	12.12
21.0-22.0	35.6	1.4	16.7	1.14	13.26
22.0-23.0	35.4	1.5	18.2	1.18	14.44
23.0-24.0	35.3	1.5	19.7	1.23	15.67
24.0-25.0	35.1	1.6	21.3	1.27	16.93
25.0-26.0	34.9	1.6	23.0	1.31	18.24
26.0-27.0	34.7	1.7	24.7	1.35	19.59
27.0-28.0	34.5	1.7	26.4	1.39	20.97
28.0-29.0	34.2	1.8	28.2	1.42	22.40
29.0-30.0	34.0	1.8	30.0	1.46	23.86
30.0-31.0	33.8	1.9	31.9	1.49	25.35
31.0-32.0	33.5	1.9	33.8	1.52	26.87
32.0-33.0	33.2	2.0	35.8	1.56	28.43
33.0-34.0	33.0	2.0	37.8	1.58	30.01
34.0-35.0	32.7	2.0	39.8	1.61	31.63
35.0-36.0	32.4	2.1	41.9	1.64	33.26

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	32.1	2.1	44.0	1.66	34.93
37.0-38.0	31.8	2.1	46.1	1.68	36.61
38.0-39.0	31.4	2.1	48.2	1.70	38.31
39.0-40.0	31.1	2.2	50.4	1.72	40.03
40.0-41.0	30.7	2.2	52.6	1.74	41.77
41.0-42.0	30.4	2.2	54.8	1.75	43.52
42.0-43.0	30.0	2.2	57.0	1.76	45.29
43.0-44.0	29.6	2.2	59.3	1.77	47.06
44.0-45.0	29.2	2.2	61.5	1.78	48.84
45.0-46.0	28.8	2.3	63.7	1.79	50.63
46.0-47.0	28.3	2.3	66.0	1.79	52.42
47.0-48.0	27.9	2.3	68.3	1.79	54.21
48.0-49.0	27.4	2.3	70.5	1.79	56.00
49.0-50.0	27.0	2.2	72.8	1.79	57.79
50.0-51.0	26.5	2.2	75.0	1.78	59.56
51.0-52.0	26.0	2.2	77.2	1.77	61.33
52.0-53.0	25.5	2.2	79.4	1.76	63.09
53.0-54.0	24.9	2.2	81.6	1.74	64.84
54.0-55.0	24.4	2.2	83.8	1.73	66.57
55.0-56.0	23.8	2.2	86.0	1.71	68.27
56.0-57.0	23.2	2.1	88.1	1.69	69.96
57.0-58.0	22.6	2.1	90.2	1.66	71.62
58.0-59.0	22.0	2.1	92.2	1.63	73.26
59.0-60.0	21.4	2.0	94.3	1.60	74.86
60.0-61.0	20.7	2.0	96.2	1.57	76.43
61.0-62.0	20.1	1.9	98.2	1.54	77.97
62.0-63.0	19.4	1.9	100.1	1.50	79.47
63.0-64.0	18.7	1.8	101.9	1.45	80.92
64.0-65.0	17.9	1.8	103.7	1.41	82.33
65.0-66.0	17.2	1.7	105.4	1.36	83.69
66.0-67.0	16.5	1.7	107.0	1.31	85.01
67.0-68.0	15.7	1.6	108.6	1.26	86.27
68.0-69.0	14.9	1.5	110.1	1.21	87.48
69.0-70.0	14.1	1.4	111.6	1.15	88.63
70.0-71.0	13.3	1.4	113.0	1.09	89.72
71.0-72.0	12.5	1.3	114.3	1.03	90.75

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	11.7	1.2	115.5	0.97	91.73
73.0-74.0	10.9	1.1	116.6	0.91	92.63
74.0-75.0	10.1	1.1	117.7	0.85	93.48
75.0-76.0	9.3	1.0	118.7	0.78	94.26
76.0-77.0	8.4	0.9	119.6	0.71	94.98
77.0-78.0	7.6	0.8	120.4	0.65	95.62
78.0-79.0	6.9	0.7	121.1	0.59	96.21
79.0-80.0	6.1	0.7	121.8	0.52	96.73
80.0-81.0	5.4	0.6	122.4	0.46	97.20
81.0-82.0	4.6	0.5	122.9	0.40	97.59
82.0-83.0	3.9	0.4	123.3	0.34	97.94
83.0-84.0	3.3	0.4	123.7	0.29	98.22
84.0-85.0	2.7	0.3	124.0	0.23	98.45
85.0-86.0	2.1	0.2	124.2	0.18	98.63
86.0-87.0	1.6	0.2	124.4	0.14	98.77
87.0-88.0	1.1	0.1	124.5	0.10	98.86
88.0-89.0	0.8	0.1	124.6	0.07	98.93
89.0-90.0	0.5	0.1	124.6	0.04	98.97
90.0-91.0	0.3	0.0	124.7	0.03	99.00
91.0-92.0	0.2	0.0	124.7	0.02	99.02
92.0-93.0	0.1	0.0	124.7	0.01	99.03
93.0-94.0	0.1	0.0	124.7	0.01	99.04
94.0-95.0	0.1	0.0	124.7	0.01	99.05
95.0-96.0	0.1	0.0	124.7	0.01	99.06
96.0-97.0	0.1	0.0	124.7	0.01	99.06
97.0-98.0	0.1	0.0	124.7	0.01	99.07
98.0-99.0	0.1	0.0	124.8	0.01	99.08
99.0-100.0	0.1	0.0	124.8	0.01	99.09
100.0-101.0	0.1	0.0	124.8	0.01	99.10
101.0-102.0	0.1	0.0	124.8	0.01	99.11
102.0-103.0	0.1	0.0	124.8	0.01	99.12
103.0-104.0	0.1	0.0	124.8	0.01	99.13
104.0-105.0	0.1	0.0	124.8	0.01	99.14
105.0-106.0	0.1	0.0	124.8	0.01	99.15
106.0-107.0	0.1	0.0	124.9	0.01	99.16
107.0-108.0	0.1	0.0	124.9	0.01	99.17

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	0.1	0.0	124.9	0.01	99.19
109.0-110.0	0.2	0.0	124.9	0.01	99.20
110.0-111.0	0.2	0.0	124.9	0.01	99.21
111.0-112.0	0.2	0.0	124.9	0.01	99.23
112.0-113.0	0.2	0.0	125.0	0.01	99.24
113.0-114.0	0.2	0.0	125.0	0.01	99.25
114.0-115.0	0.2	0.0	125.0	0.01	99.27
115.0-116.0	0.2	0.0	125.0	0.01	99.28
116.0-117.0	0.2	0.0	125.0	0.01	99.29
117.0-118.0	0.2	0.0	125.0	0.01	99.31
118.0-119.0	0.2	0.0	125.1	0.01	99.32
119.0-120.0	0.2	0.0	125.1	0.01	99.34
120.0-121.0	0.2	0.0	125.1	0.01	99.35
121.0-122.0	0.2	0.0	125.1	0.01	99.37
122.0-123.0	0.2	0.0	125.1	0.02	99.38
123.0-124.0	0.2	0.0	125.2	0.02	99.40
124.0-125.0	0.2	0.0	125.2	0.02	99.41
125.0-126.0	0.2	0.0	125.2	0.02	99.43
126.0-127.0	0.3	0.0	125.2	0.02	99.45
127.0-128.0	0.2	0.0	125.2	0.02	99.46
128.0-129.0	0.2	0.0	125.3	0.02	99.48
129.0-130.0	0.2	0.0	125.3	0.02	99.50
130.0-131.0	0.2	0.0	125.3	0.02	99.51
131.0-132.0	0.2	0.0	125.3	0.02	99.53
132.0-133.0	0.3	0.0	125.3	0.02	99.54
133.0-134.0	0.3	0.0	125.4	0.02	99.56
134.0-135.0	0.3	0.0	125.4	0.02	99.58
135.0-136.0	0.3	0.0	125.4	0.02	99.59
136.0-137.0	0.3	0.0	125.4	0.02	99.61
137.0-138.0	0.3	0.0	125.4	0.02	99.62
138.0-139.0	0.3	0.0	125.5	0.02	99.64
139.0-140.0	0.3	0.0	125.5	0.02	99.65
140.0-141.0	0.3	0.0	125.5	0.01	99.67
141.0-142.0	0.3	0.0	125.5	0.02	99.68
142.0-143.0	0.3	0.0	125.5	0.02	99.70
143.0-144.0	0.3	0.0	125.5	0.01	99.71

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	125.6	0.01	99.73
145.0-146.0	0.3	0.0	125.6	0.01	99.74
146.0-147.0	0.3	0.0	125.6	0.01	99.75
147.0-148.0	0.3	0.0	125.6	0.01	99.77
148.0-149.0	0.3	0.0	125.6	0.01	99.78
149.0-150.0	0.3	0.0	125.7	0.01	99.79
150.0-151.0	0.3	0.0	125.7	0.01	99.81
151.0-152.0	0.3	0.0	125.7	0.01	99.82
152.0-153.0	0.3	0.0	125.7	0.01	99.83
153.0-154.0	0.3	0.0	125.7	0.01	99.84
154.0-155.0	0.3	0.0	125.7	0.01	99.85
155.0-156.0	0.3	0.0	125.7	0.01	99.86
156.0-157.0	0.3	0.0	125.8	0.01	99.87
157.0-158.0	0.3	0.0	125.8	0.01	99.88
158.0-159.0	0.3	0.0	125.8	0.01	99.89
159.0-160.0	0.3	0.0	125.8	0.01	99.90
160.0-161.0	0.3	0.0	125.8	0.01	99.91
161.0-162.0	0.3	0.0	125.8	0.01	99.92
162.0-163.0	0.3	0.0	125.8	0.01	99.93
163.0-164.0	0.3	0.0	125.8	0.01	99.94
164.0-165.0	0.3	0.0	125.8	0.01	99.95
165.0-166.0	0.3	0.0	125.9	0.01	99.95
166.0-167.0	0.3	0.0	125.9	0.01	99.96
167.0-168.0	0.3	0.0	125.9	0.01	99.96
168.0-169.0	0.3	0.0	125.9	0.01	99.97
169.0-170.0	0.3	0.0	125.9	0.01	99.98
170.0-171.0	0.3	0.0	125.9	0.00	99.98
171.0-172.0	0.3	0.0	125.9	0.00	99.98
172.0-173.0	0.3	0.0	125.9	0.00	99.99
173.0-174.0	0.3	0.0	125.9	0.00	99.99
174.0-175.0	0.3	0.0	125.9	0.00	99.99
175.0-176.0	0.3	0.0	125.9	0.00	100.00
176.0-177.0	0.3	0.0	125.9	0.00	100.00
177.0-178.0	0.3	0.0	125.9	0.00	100.00
178.0-179.0	0.3	0.0	125.9	0.00	100.00
179.0-180.0	0.3	0.0	125.9	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: