GENLED Brands
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Report No.: **Test Time: 2022/6/13 15:54**

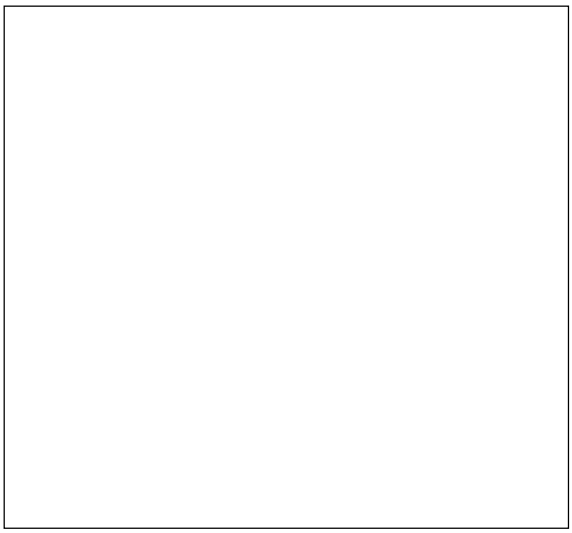
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Curved pendants CS35 D-rows flex pcb RGBW
Luminaire Description: Curved pendants CS35 D-rows flex pcb RGBW
Lamp Catalog: CV GREEN **Luminous Length (mm): 300**
Luminous Width (mm): 35 **Luminous Height (mm): 25**
Voltage: 24.0 V **Current: 0.141 A**
Power: 3.39 W **Power Factor: 1.000**

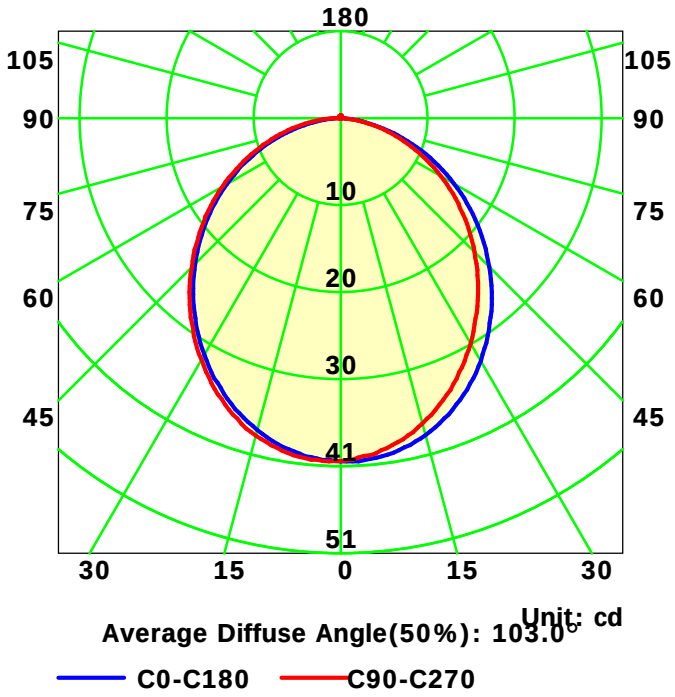
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 105.1 lm**
Measurement Flux: 105.1 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H157.8,H104.4
Vertical Diffuse Angle(10%,50%): V159.1,V101.6
Luminaire Efficacy Rating (LER): 31 **Central Intensity: 40.43 cd**
Max. Intensity: 40.51 cd **Pos of Max. Intensity: H330 V3**

Picture Of Luminaire

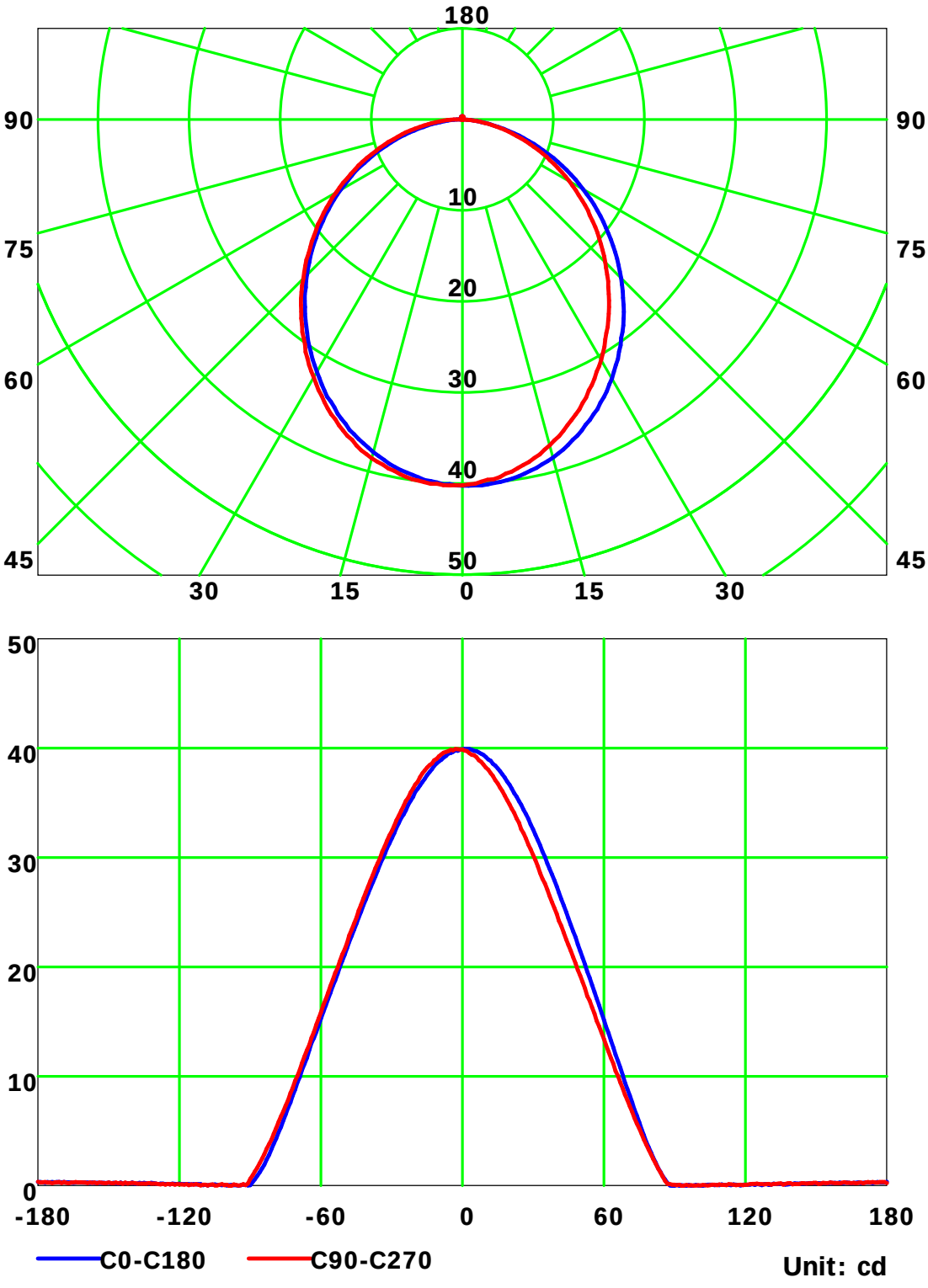


Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Jacky **Inspector:**

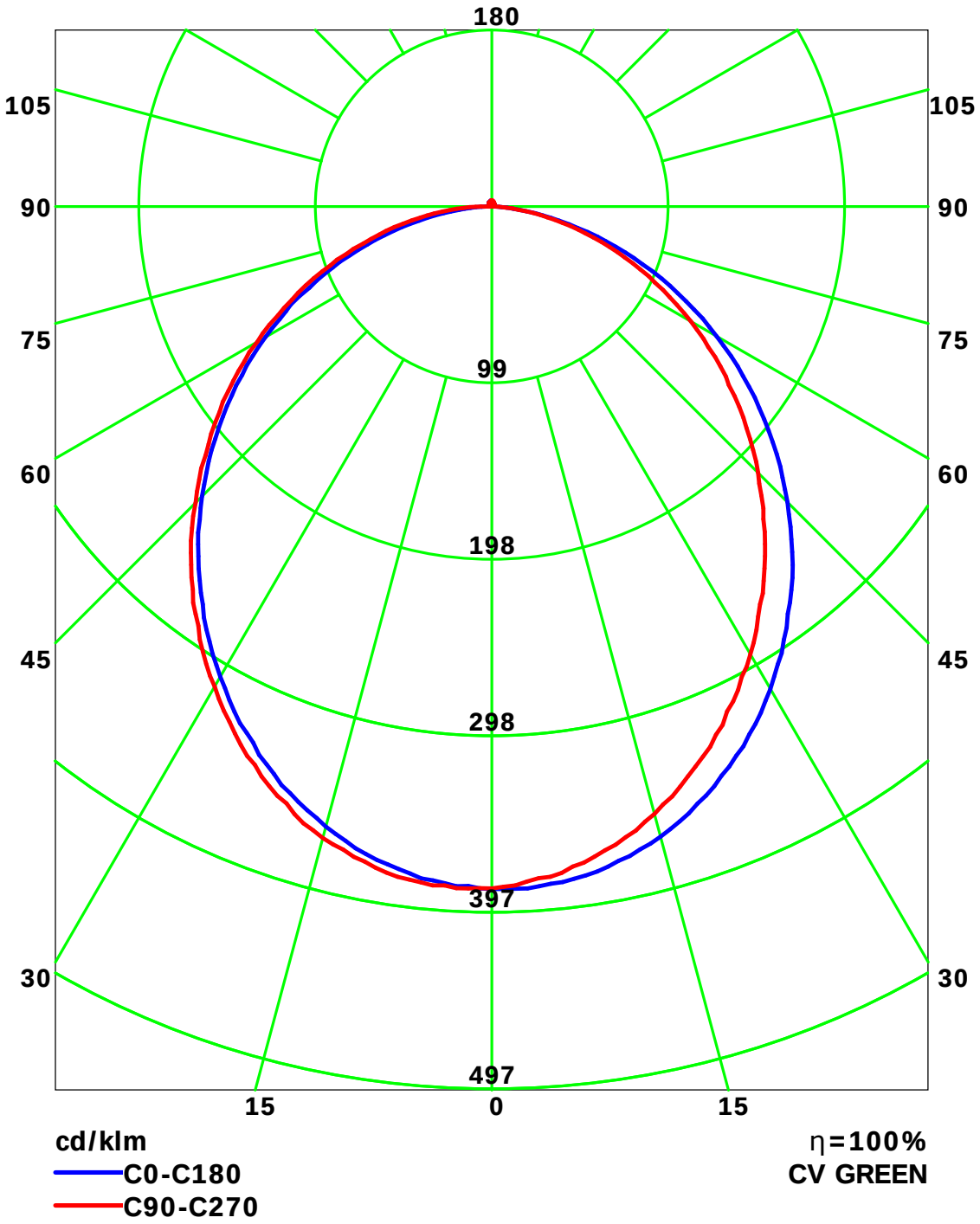
Luminous Intensity Distribution Curve



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

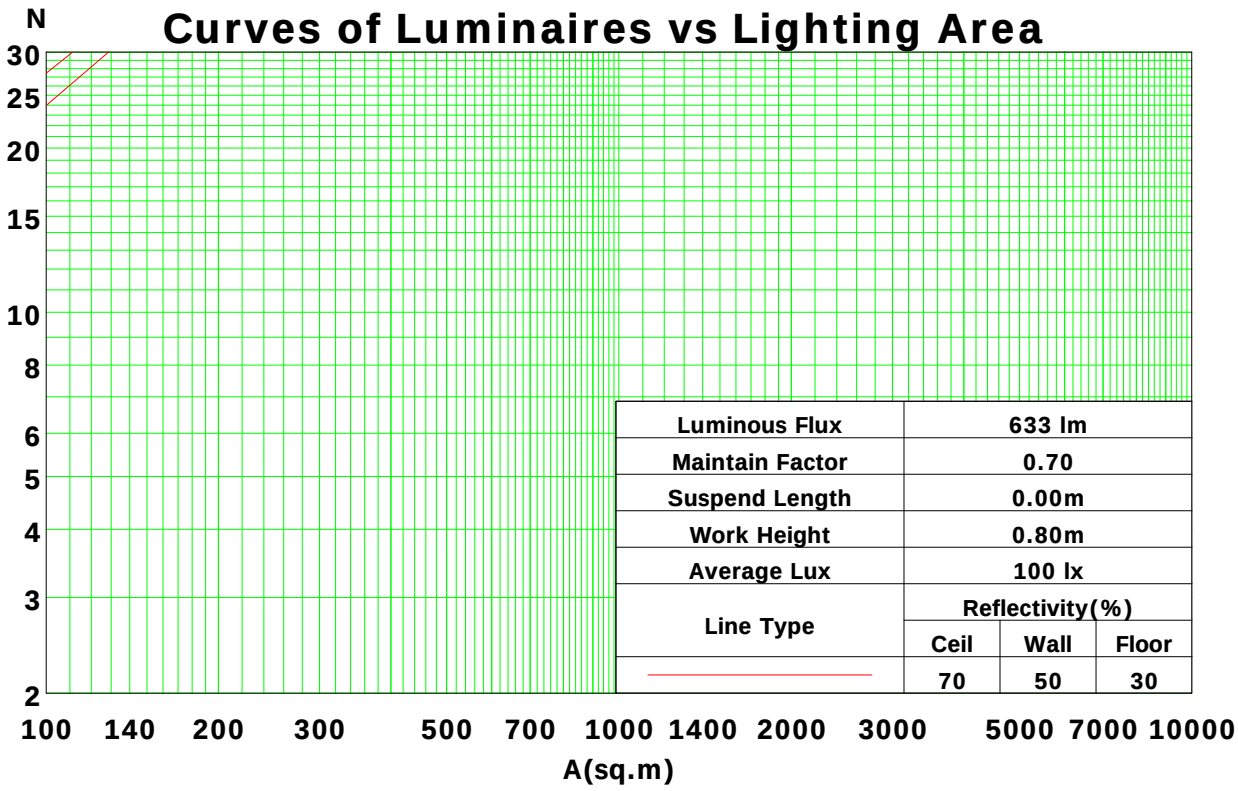
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	73	67	63	70	65	61	59
4	83	71	63	56	81	70	62	55	67	60	55	65	59	54	62	57	53	51
5	76	64	55	48	74	63	54	48	60	53	47	58	52	47	56	51	46	44
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.20
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.30

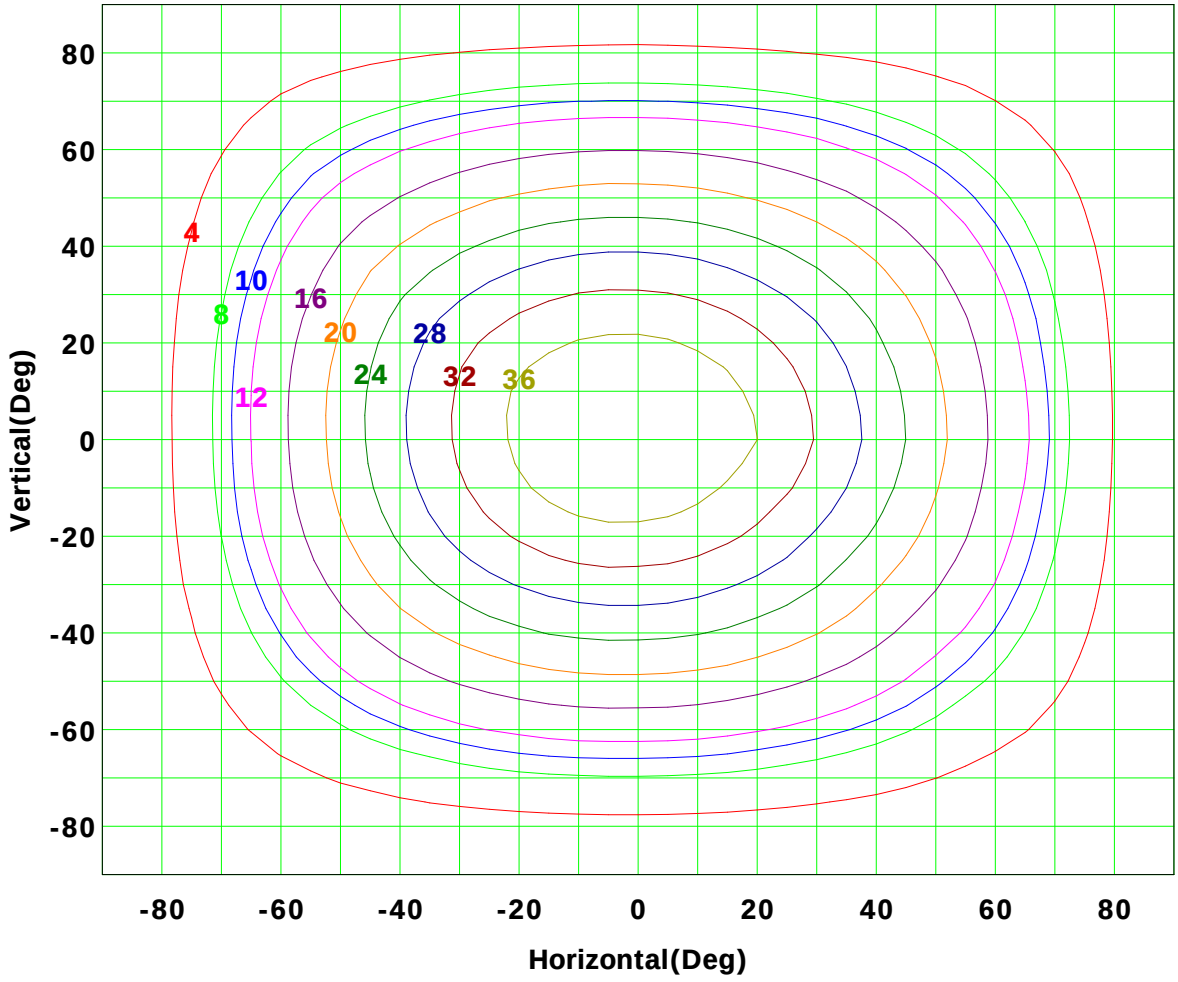
Curves of Luminaires vs Lighting Area



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)



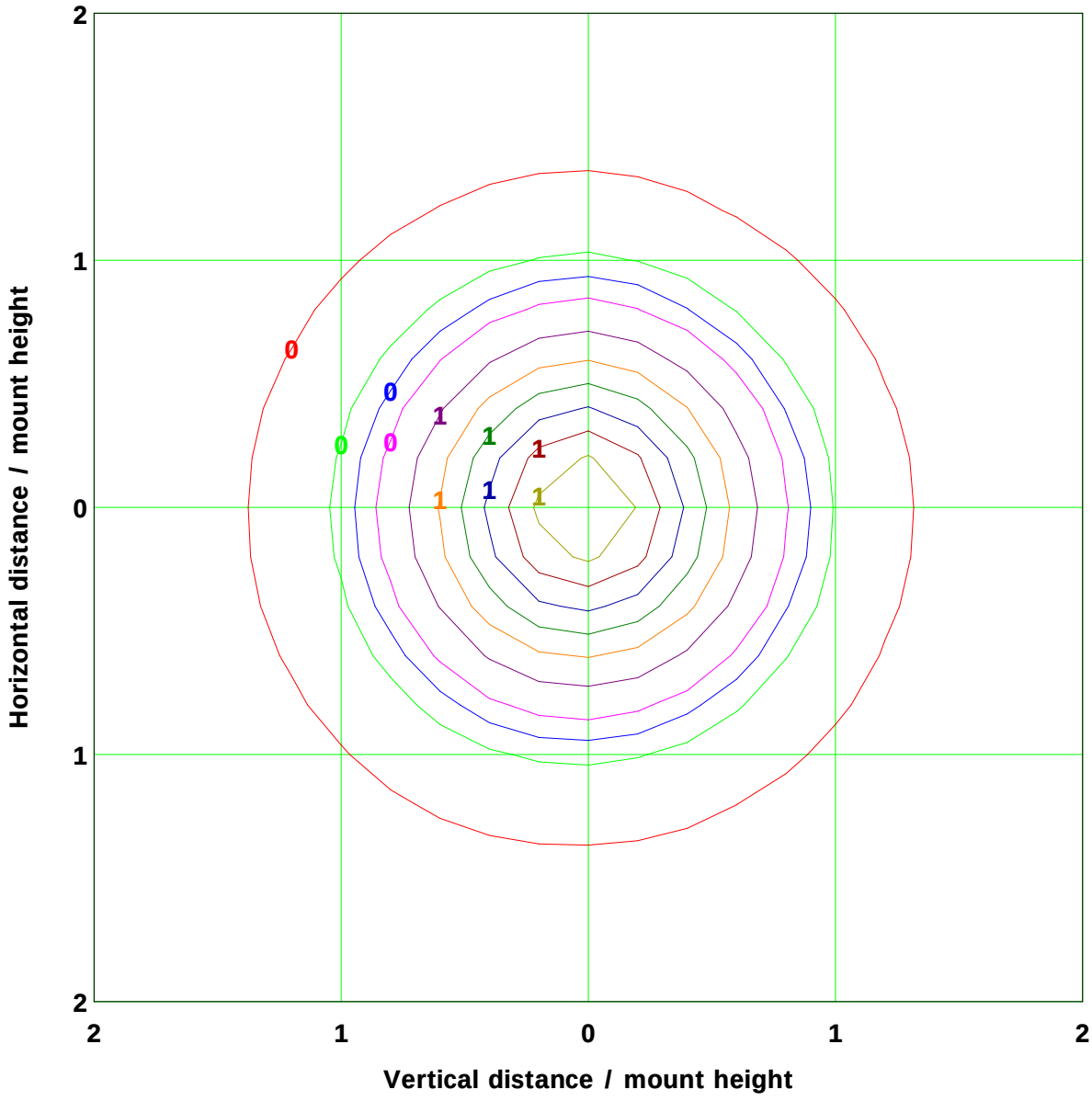
Imax (100%): 41 cd

(10%):	4 cd	(20%):	8 cd
(25%):	10 cd	(30%):	12 cd
(40%):	16 cd	(50%):	20 cd
(60%):	24 cd	(70%):	28 cd
(80%):	32 cd	(90%):	36 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%): 1.6 lx

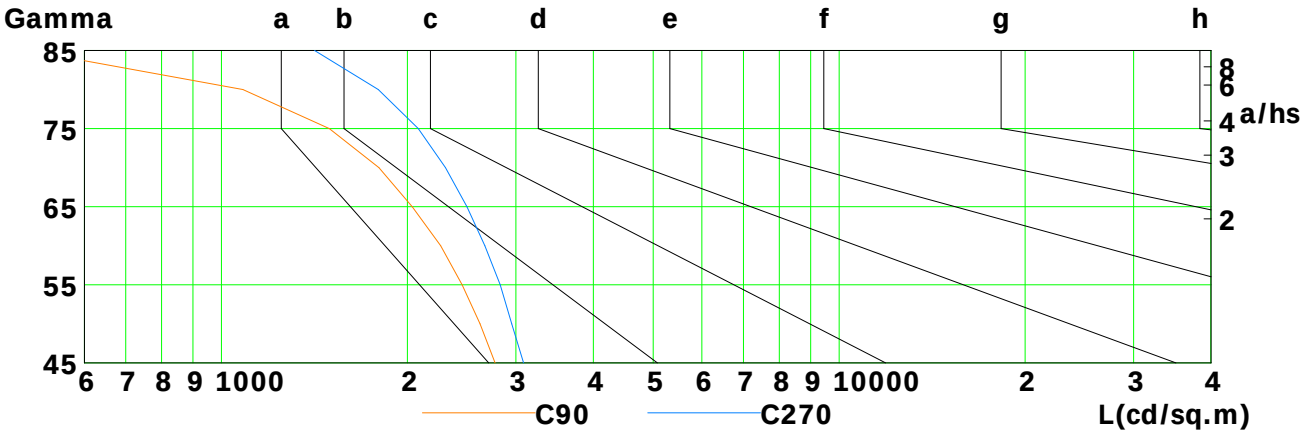
(10%): 0.2 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.5 lx
(40%): 0.6 lx	(50%): 0.8 lx
(60%): 1.0 lx	(70%): 1.1 lx
(80%): 1.3 lx	(90%): 1.5 lx

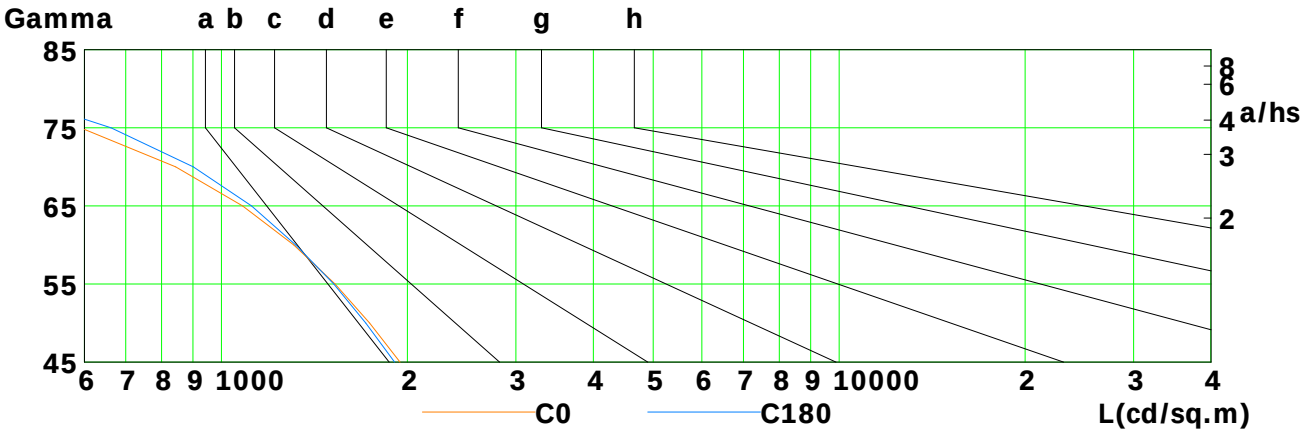
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



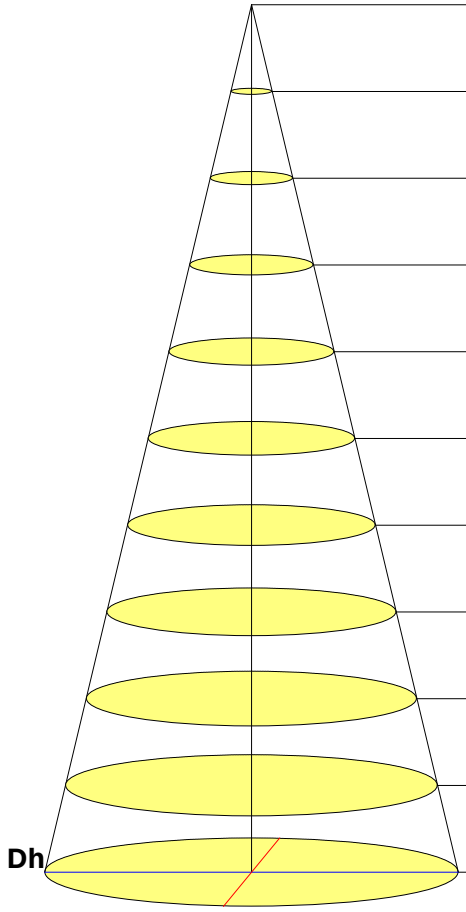


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1947	1739	1529	1309	1082	843	591	333	110
C90	2775	2623	2453	2265	2036	1799	1496	1084	487
C180	1908	1713	1521	1319	1120	900	663	423	194
C270	3087	2952	2828	2672	2499	2307	2083	1795	1416

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



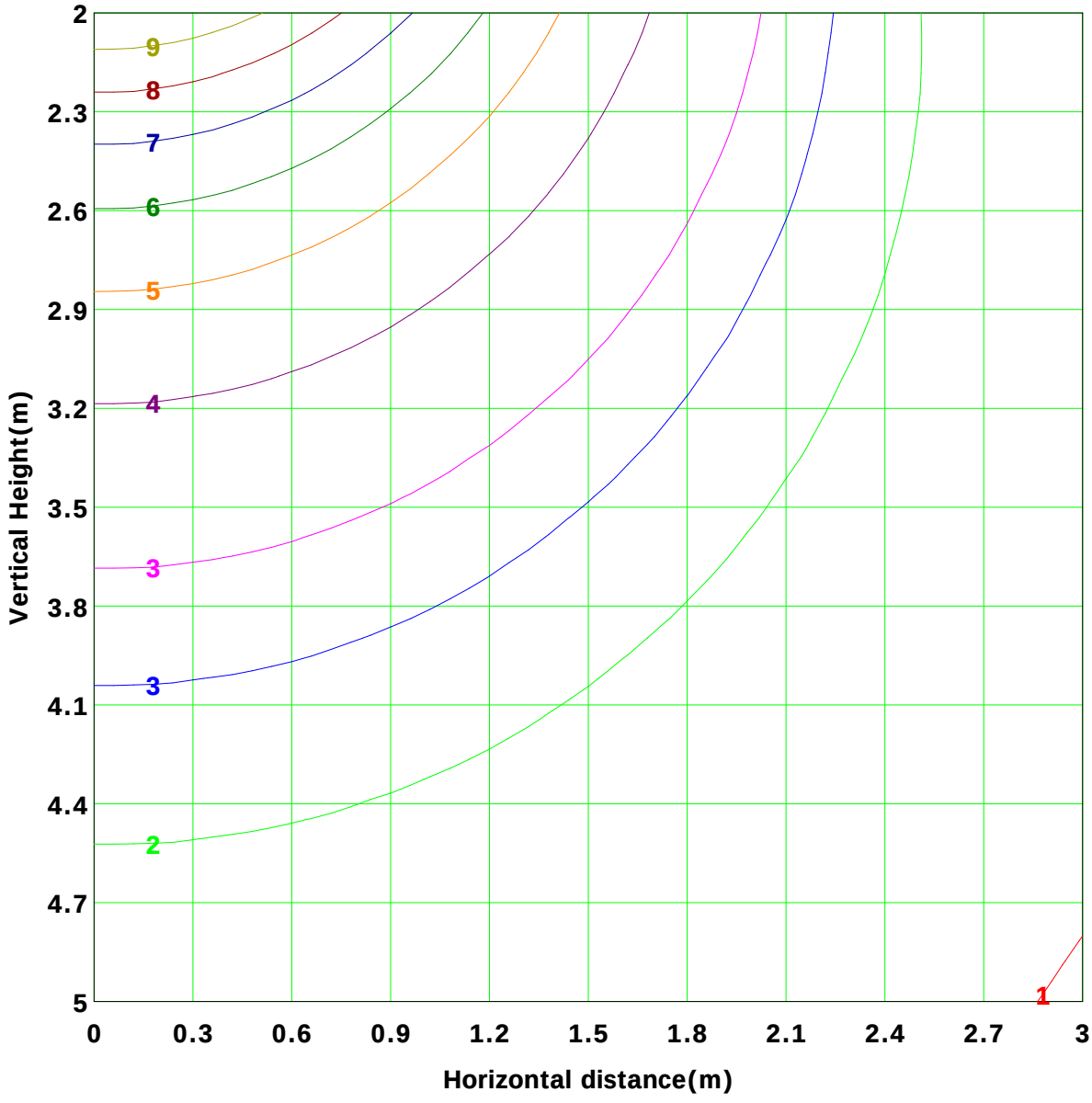
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	40.43	2.58/2.45	5.0	8.01
2.0	10.11	5.16/4.90	20.0	2.00
3.0	4.49	7.74/7.36	45.1	0.89
4.0	2.53	10.32/9.81	80.1	0.50
5.0	1.62	12.90/12.26	125.2	0.32
6.0	1.12	15.48/14.71	180.3	0.22
7.0	0.83	18.06/17.17	245.4	0.16
8.0	0.63	20.64/19.62	320.6	0.13
9.0	0.50	23.22/22.07	405.7	0.10
10.0	0.40	25.80/24.52	500.9	0.08

Beam Angle(B): H104.4 V101.6 Field Angle(F): H157.8 V159.1

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:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 10.1 lx

(10%): 1.0 lx	(20%): 2.0 lx
(25%): 2.5 lx	(30%): 3.0 lx
(40%): 4.0 lx	(50%): 5.1 lx
(60%): 6.1 lx	(70%): 7.1 lx
(80%): 8.1 lx	(90%): 9.1 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

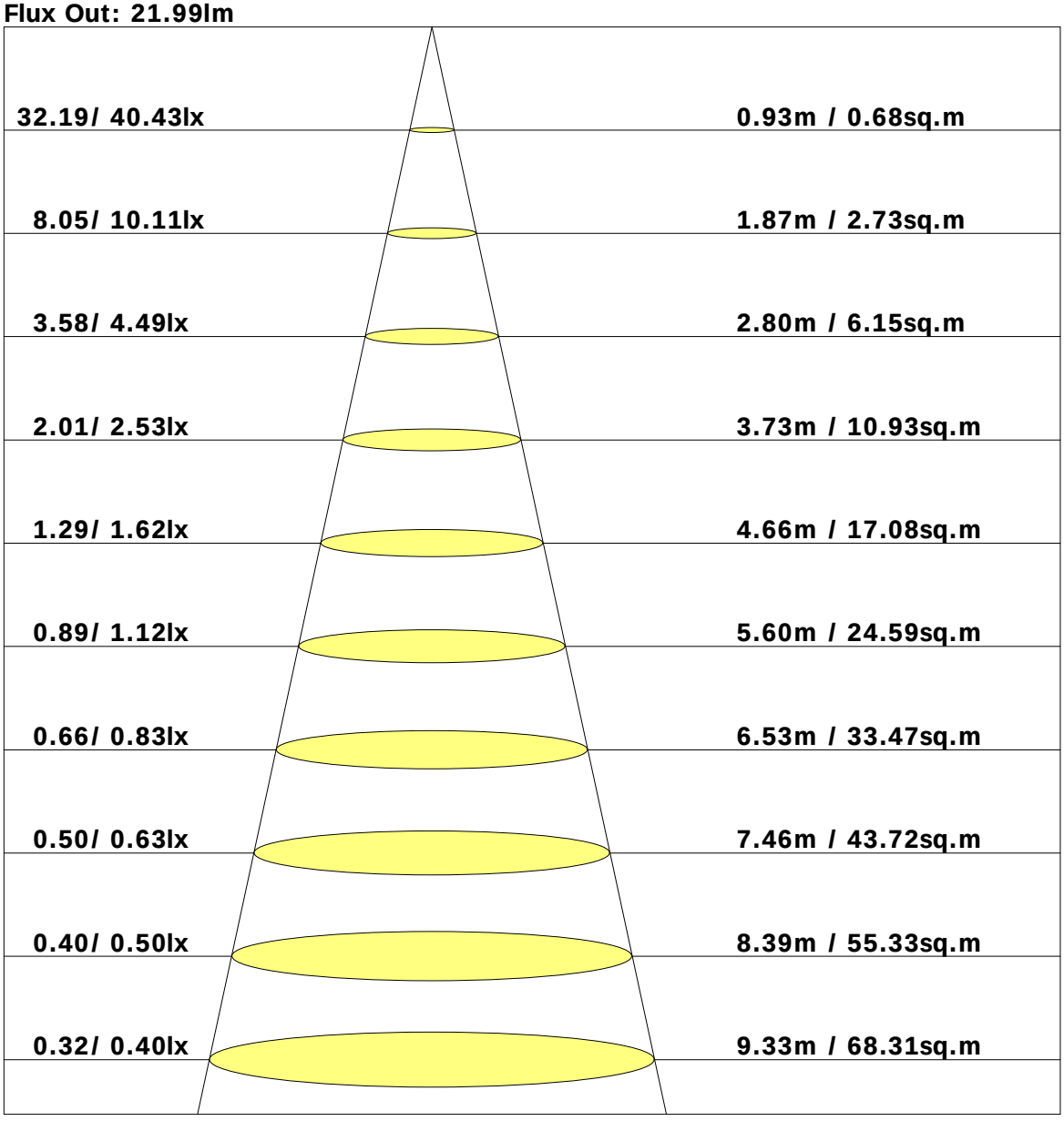
Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane																					
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.4
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.7	1.5
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	3.3	3.2
-50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.4	0.4	0.2	0.1	0.1	0.0	0.0	5.3	5.2
-40	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	7.5	7.4
-30	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.7	0.9	0.9	0.8	0.7	0.5	0.3	0.2	0.1	0.0	9.6	9.4
-20	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.0	0.8	0.5	0.4	0.2	0.1	0.0	11.2	11.1
-10	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	0.9	0.6	0.4	0.2	12.1	12.0
0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.2	1.1	0.8	0.6	0.4	12.3	12.1
10	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.0	0.8	0.6	0.4	11.5	11.4
20	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.9	0.8	0.6	0.4	9.9	9.8
30	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.3	7.9	7.8
40	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	5.6	5.5
50	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	3.4	3.3
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	1.7	1.5
70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.5	0.3
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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)	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
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	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

Flux Out: 21.99lm



Height | Avg./Nadir. E | Beam Angle:50.0° | Diameter / Area

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	22.5	24.1	22.8	24.4	24.7	20.4	22.0	20.7	22.3	22.6
3H	24.0	25.5	24.4	25.8	26.2	21.6	23.0	22.0	23.4	23.8
4H	24.6	25.9	25.0	26.3	26.7	22.0	23.3	22.4	23.7	24.1
6H	24.8	26.1	25.3	26.5	26.9	22.1	23.4	22.6	23.8	24.2
8H	24.9	26.1	25.3	26.5	26.9	22.2	23.4	22.6	23.8	24.2
12H	24.9	26.1	25.4	26.5	26.9	22.2	23.3	22.6	23.7	24.1
X=4H Y=2H	22.8	24.2	23.2	24.5	24.9	20.9	22.3	21.4	22.7	23.1
3H	24.6	25.7	25.0	26.1	26.6	22.4	23.5	22.8	23.9	24.3
4H	25.2	26.2	25.6	26.6	27.1	22.8	23.8	23.2	24.2	24.7
6H	25.6	26.5	26.0	26.9	27.4	23.0	23.9	23.5	24.4	24.9
8H	25.7	26.5	26.1	27.0	27.4	23.1	23.9	23.6	24.4	24.9
12H	25.7	26.4	26.2	26.9	27.4	23.1	23.8	23.6	24.3	24.8
X=8H Y=4H	25.3	26.2	25.8	26.6	27.1	23.0	23.8	23.5	24.3	24.8
6H	25.7	26.5	26.3	27.0	27.5	23.3	24.0	23.8	24.5	25.0
8H	25.9	26.5	26.4	27.0	27.5	23.4	24.0	23.9	24.5	25.0
12H	25.9	26.5	26.5	27.0	27.6	23.4	23.9	23.9	24.4	25.0
X=12H Y=4H	25.3	26.1	25.8	26.6	27.0	23.0	23.8	23.5	24.3	24.7
6H	25.8	26.4	26.3	26.9	27.4	23.3	23.9	23.9	24.4	25.0
8H	25.9	26.5	26.4	27.0	27.6	23.4	23.9	23.9	24.4	25.0

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	0.58	0.68	0.75	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.50	0.61	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.45	0.55	0.63	0.68	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.97	0.99
	0.30		0.49	0.59	0.67	0.72	0.79	0.85	0.88	0.93	0.96
	0.20		0.44	0.54	0.62	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.82	0.87	0.91
0.00	0.00	0.00	0.42	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86

Rating:3W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.97	0.80	0.68	0.59	0.47	0.39	0.34	0.26	0.21
	0.30		0.81	0.69	0.60	0.53	0.43	0.36	0.31	0.25	0.20
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.94	0.77	0.65	0.57	0.45	0.41	0.32	0.25	0.20
	0.30		0.79	0.67	0.58	0.51	0.41	0.35	0.30	0.23	0.19
	0.20		0.69	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.19
0.30	0.50	0.20	0.91	0.74	0.63	0.54	0.43	0.36	0.30	0.23	0.19
	0.30		0.78	0.65	0.56	0.49	0.40	0.33	0.29	0.22	0.18
	0.20		0.68	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.18
0.00	0.00	0.00	0.58	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.14

Rating:3W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.18	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		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	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		0.05	0.07	0.08	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:3W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	40.4	0.0	0.0	0.04	0.04
1.0-2.0	40.4	0.1	0.2	0.11	0.15
2.0-3.0	40.3	0.2	0.3	0.18	0.33
3.0-4.0	40.2	0.3	0.6	0.26	0.59
4.0-5.0	40.2	0.3	1.0	0.33	0.92
5.0-6.0	40.1	0.4	1.4	0.40	1.32
6.0-7.0	39.9	0.5	1.9	0.47	1.79
7.0-8.0	39.8	0.6	2.4	0.54	2.33
8.0-9.0	39.6	0.6	3.1	0.61	2.94
9.0-10.0	39.5	0.7	3.8	0.68	3.62
10.0-11.0	39.2	0.8	4.6	0.75	4.37
11.0-12.0	39.0	0.9	5.4	0.81	5.18
12.0-13.0	38.8	0.9	6.4	0.88	6.05
13.0-14.0	38.5	1.0	7.4	0.94	6.99
14.0-15.0	38.3	1.1	8.4	1.00	7.99
15.0-16.0	38.0	1.1	9.5	1.06	9.05
16.0-17.0	37.7	1.2	10.7	1.12	10.17
17.0-18.0	37.4	1.2	11.9	1.17	11.34
18.0-19.0	37.0	1.3	13.2	1.22	12.56
19.0-20.0	36.7	1.3	14.5	1.28	13.84
20.0-21.0	36.3	1.4	15.9	1.33	15.17
21.0-22.0	35.9	1.4	17.4	1.37	16.54
22.0-23.0	35.5	1.5	18.9	1.42	17.96
23.0-24.0	35.1	1.5	20.4	1.46	19.42
24.0-25.0	34.7	1.6	22.0	1.50	20.92
25.0-26.0	34.2	1.6	23.6	1.54	22.45
26.0-27.0	33.8	1.7	25.3	1.57	24.03
27.0-28.0	33.3	1.7	26.9	1.61	25.63
28.0-29.0	32.9	1.7	28.7	1.64	27.27
29.0-30.0	32.4	1.7	30.4	1.66	28.93
30.0-31.0	31.9	1.8	32.2	1.69	30.62
31.0-32.0	31.4	1.8	34.0	1.71	32.33
32.0-33.0	30.9	1.8	35.8	1.73	34.07
33.0-34.0	30.4	1.8	37.6	1.75	35.81
34.0-35.0	29.9	1.9	39.5	1.76	37.58
35.0-36.0	29.3	1.9	41.4	1.78	39.36

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	28.8	1.9	43.2	1.79	41.14
37.0-38.0	28.3	1.9	45.1	1.80	42.94
38.0-39.0	27.7	1.9	47.0	1.80	44.74
39.0-40.0	27.2	1.9	48.9	1.80	46.54
40.0-41.0	26.6	1.9	50.8	1.80	48.34
41.0-42.0	26.0	1.9	52.7	1.80	50.14
42.0-43.0	25.5	1.9	54.6	1.80	51.94
43.0-44.0	24.9	1.9	56.5	1.79	53.73
44.0-45.0	24.3	1.9	58.3	1.78	55.51
45.0-46.0	23.7	1.9	60.2	1.77	57.27
46.0-47.0	23.2	1.8	62.0	1.75	59.02
47.0-48.0	22.6	1.8	63.9	1.74	60.76
48.0-49.0	22.0	1.8	65.7	1.72	62.48
49.0-50.0	21.4	1.8	67.5	1.70	64.18
50.0-51.0	20.8	1.8	69.2	1.67	65.85
51.0-52.0	20.2	1.7	71.0	1.65	67.50
52.0-53.0	19.6	1.7	72.7	1.62	69.12
53.0-54.0	19.0	1.7	74.3	1.60	70.72
54.0-55.0	18.4	1.6	76.0	1.57	72.28
55.0-56.0	17.8	1.6	77.6	1.53	73.82
56.0-57.0	17.2	1.6	79.2	1.50	75.32
57.0-58.0	16.6	1.5	80.7	1.46	76.78
58.0-59.0	16.0	1.5	82.2	1.43	78.20
59.0-60.0	15.4	1.5	83.7	1.39	79.59
60.0-61.0	14.8	1.4	85.1	1.34	80.93
61.0-62.0	14.2	1.4	86.4	1.30	82.24
62.0-63.0	13.6	1.3	87.8	1.26	83.50
63.0-64.0	13.0	1.3	89.0	1.22	84.71
64.0-65.0	12.4	1.2	90.3	1.17	85.88
65.0-66.0	11.8	1.2	91.5	1.12	87.00
66.0-67.0	11.2	1.1	92.6	1.07	88.07
67.0-68.0	10.6	1.1	93.7	1.02	89.10
68.0-69.0	10.0	1.0	94.7	0.97	90.07
69.0-70.0	9.4	1.0	95.7	0.92	90.99
70.0-71.0	8.9	0.9	96.6	0.87	91.86
71.0-72.0	8.3	0.9	97.4	0.82	92.68

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	7.7	0.8	98.2	0.77	93.45
73.0-74.0	7.1	0.8	99.0	0.71	94.17
74.0-75.0	6.6	0.7	99.7	0.66	94.83
75.0-76.0	6.0	0.6	100.3	0.61	95.44
76.0-77.0	5.5	0.6	100.9	0.56	96.00
77.0-78.0	5.0	0.5	101.4	0.51	96.50
78.0-79.0	4.5	0.5	101.9	0.46	96.96
79.0-80.0	3.9	0.4	102.4	0.40	97.37
80.0-81.0	3.5	0.4	102.7	0.36	97.72
81.0-82.0	3.0	0.3	103.1	0.31	98.03
82.0-83.0	2.6	0.3	103.3	0.27	98.30
83.0-84.0	2.1	0.2	103.6	0.22	98.52
84.0-85.0	1.7	0.2	103.8	0.18	98.70
85.0-86.0	1.3	0.1	103.9	0.14	98.84
86.0-87.0	1.0	0.1	104.0	0.10	98.94
87.0-88.0	0.7	0.1	104.1	0.07	99.01
88.0-89.0	0.5	0.1	104.1	0.05	99.06
89.0-90.0	0.3	0.0	104.2	0.03	99.09
90.0-91.0	0.2	0.0	104.2	0.02	99.10
91.0-92.0	0.1	0.0	104.2	0.01	99.11
92.0-93.0	0.1	0.0	104.2	0.01	99.12
93.0-94.0	0.1	0.0	104.2	0.01	99.12
94.0-95.0	0.1	0.0	104.2	0.01	99.13
95.0-96.0	0.1	0.0	104.2	0.01	99.14
96.0-97.0	0.1	0.0	104.2	0.01	99.14
97.0-98.0	0.0	0.0	104.2	0.01	99.15
98.0-99.0	0.0	0.0	104.2	0.00	99.15
99.0-100.0	0.0	0.0	104.2	0.01	99.16
100.0-101.0	0.1	0.0	104.2	0.01	99.16
101.0-102.0	0.1	0.0	104.2	0.01	99.17
102.0-103.0	0.1	0.0	104.3	0.01	99.18
103.0-104.0	0.1	0.0	104.3	0.01	99.19
104.0-105.0	0.1	0.0	104.3	0.01	99.19
105.0-106.0	0.1	0.0	104.3	0.01	99.20
106.0-107.0	0.1	0.0	104.3	0.01	99.21
107.0-108.0	0.1	0.0	104.3	0.01	99.22

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 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.1	0.0	104.3	0.01	99.23
109.0-110.0	0.1	0.0	104.3	0.01	99.24
110.0-111.0	0.1	0.0	104.3	0.01	99.25
111.0-112.0	0.1	0.0	104.3	0.01	99.26
112.0-113.0	0.1	0.0	104.4	0.01	99.27
113.0-114.0	0.1	0.0	104.4	0.01	99.28
114.0-115.0	0.1	0.0	104.4	0.01	99.29
115.0-116.0	0.1	0.0	104.4	0.01	99.30
116.0-117.0	0.1	0.0	104.4	0.01	99.31
117.0-118.0	0.1	0.0	104.4	0.01	99.32
118.0-119.0	0.1	0.0	104.4	0.01	99.34
119.0-120.0	0.1	0.0	104.4	0.01	99.35
120.0-121.0	0.1	0.0	104.4	0.01	99.36
121.0-122.0	0.1	0.0	104.5	0.01	99.37
122.0-123.0	0.2	0.0	104.5	0.01	99.39
123.0-124.0	0.2	0.0	104.5	0.01	99.40
124.0-125.0	0.2	0.0	104.5	0.01	99.41
125.0-126.0	0.2	0.0	104.5	0.01	99.43
126.0-127.0	0.2	0.0	104.5	0.01	99.44
127.0-128.0	0.2	0.0	104.5	0.01	99.46
128.0-129.0	0.2	0.0	104.6	0.01	99.47
129.0-130.0	0.2	0.0	104.6	0.01	99.48
130.0-131.0	0.2	0.0	104.6	0.01	99.50
131.0-132.0	0.2	0.0	104.6	0.01	99.51
132.0-133.0	0.2	0.0	104.6	0.02	99.53
133.0-134.0	0.2	0.0	104.6	0.01	99.54
134.0-135.0	0.2	0.0	104.7	0.02	99.56
135.0-136.0	0.2	0.0	104.7	0.01	99.57
136.0-137.0	0.2	0.0	104.7	0.01	99.59
137.0-138.0	0.2	0.0	104.7	0.02	99.60
138.0-139.0	0.2	0.0	104.7	0.02	99.62
139.0-140.0	0.2	0.0	104.7	0.02	99.63
140.0-141.0	0.2	0.0	104.7	0.02	99.65
141.0-142.0	0.2	0.0	104.8	0.01	99.66
142.0-143.0	0.2	0.0	104.8	0.01	99.68
143.0-144.0	0.2	0.0	104.8	0.01	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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.2	0.0	104.8	0.01	99.70
145.0-146.0	0.2	0.0	104.8	0.01	99.72
146.0-147.0	0.2	0.0	104.8	0.01	99.73
147.0-148.0	0.3	0.0	104.9	0.01	99.75
148.0-149.0	0.2	0.0	104.9	0.01	99.76
149.0-150.0	0.3	0.0	104.9	0.01	99.77
150.0-151.0	0.3	0.0	104.9	0.01	99.79
151.0-152.0	0.3	0.0	104.9	0.01	99.80
152.0-153.0	0.3	0.0	104.9	0.01	99.81
153.0-154.0	0.3	0.0	104.9	0.01	99.82
154.0-155.0	0.3	0.0	104.9	0.01	99.84
155.0-156.0	0.3	0.0	105.0	0.01	99.85
156.0-157.0	0.3	0.0	105.0	0.01	99.86
157.0-158.0	0.3	0.0	105.0	0.01	99.87
158.0-159.0	0.3	0.0	105.0	0.01	99.88
159.0-160.0	0.3	0.0	105.0	0.01	99.89
160.0-161.0	0.3	0.0	105.0	0.01	99.90
161.0-162.0	0.3	0.0	105.0	0.01	99.91
162.0-163.0	0.3	0.0	105.0	0.01	99.92
163.0-164.0	0.3	0.0	105.0	0.01	99.93
164.0-165.0	0.3	0.0	105.1	0.01	99.94
165.0-166.0	0.3	0.0	105.1	0.01	99.95
166.0-167.0	0.3	0.0	105.1	0.01	99.95
167.0-168.0	0.3	0.0	105.1	0.01	99.96
168.0-169.0	0.3	0.0	105.1	0.01	99.97
169.0-170.0	0.3	0.0	105.1	0.01	99.97
170.0-171.0	0.3	0.0	105.1	0.01	99.98
171.0-172.0	0.3	0.0	105.1	0.00	99.98
172.0-173.0	0.3	0.0	105.1	0.00	99.99
173.0-174.0	0.3	0.0	105.1	0.00	99.99
174.0-175.0	0.3	0.0	105.1	0.00	99.99
175.0-176.0	0.3	0.0	105.1	0.00	100.00
176.0-177.0	0.3	0.0	105.1	0.00	100.00
177.0-178.0	0.3	0.0	105.1	0.00	100.00
178.0-179.0	0.3	0.0	105.1	0.00	100.00
179.0-180.0	0.3	0.0	105.1	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: