GENLED Brands
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Report No.: 20221130 **Test Time: 2022/11/30 15:23**

Luminaire Property

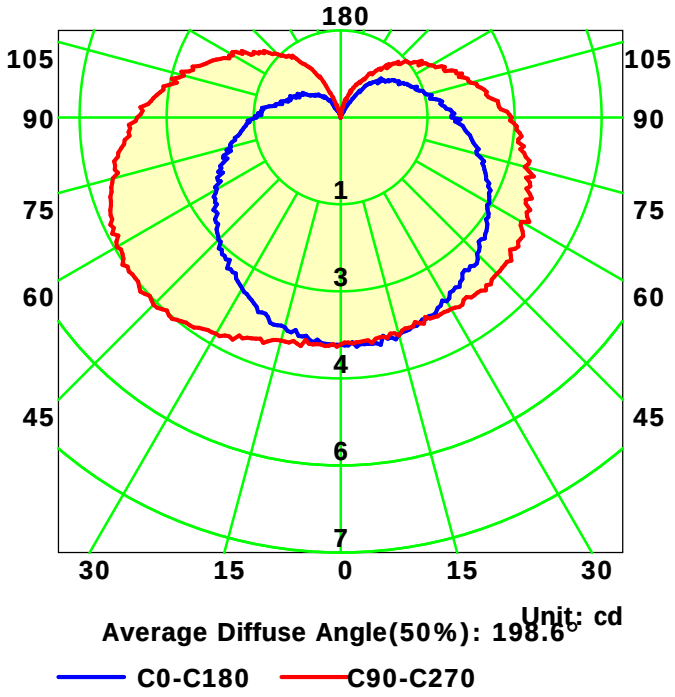
Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Contour Plus
Luminaire Description: Neon Contour Plus RGBW-Red only
Lamp Catalog: NLCP4.5RGB30-Red only **Number of Lamps: 1**
Luminous Length (mm): 1000 **Luminous Width (mm): 10**
Luminous Height (mm): 25 **Voltage: 24.0 V**
Current: 0.133 A **Power: 3.18 W**
Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 29.2 lm**
Measurement Flux: 29.2 lm **Efficiency: 100%**
Downward Ratio: 71% **Upward Ratio: 29%**
Horizontal Diffuse Angle(10%,50%): H291.3,H165.8
Vertical Diffuse Angle(10%,50%): V318.3,V231.5
Luminaire Efficacy Rating (LER): 9 **Central Intensity: 4 cd**
Max. Intensity: 5.18 cd **Pos of Max. Intensity: H300 V52**

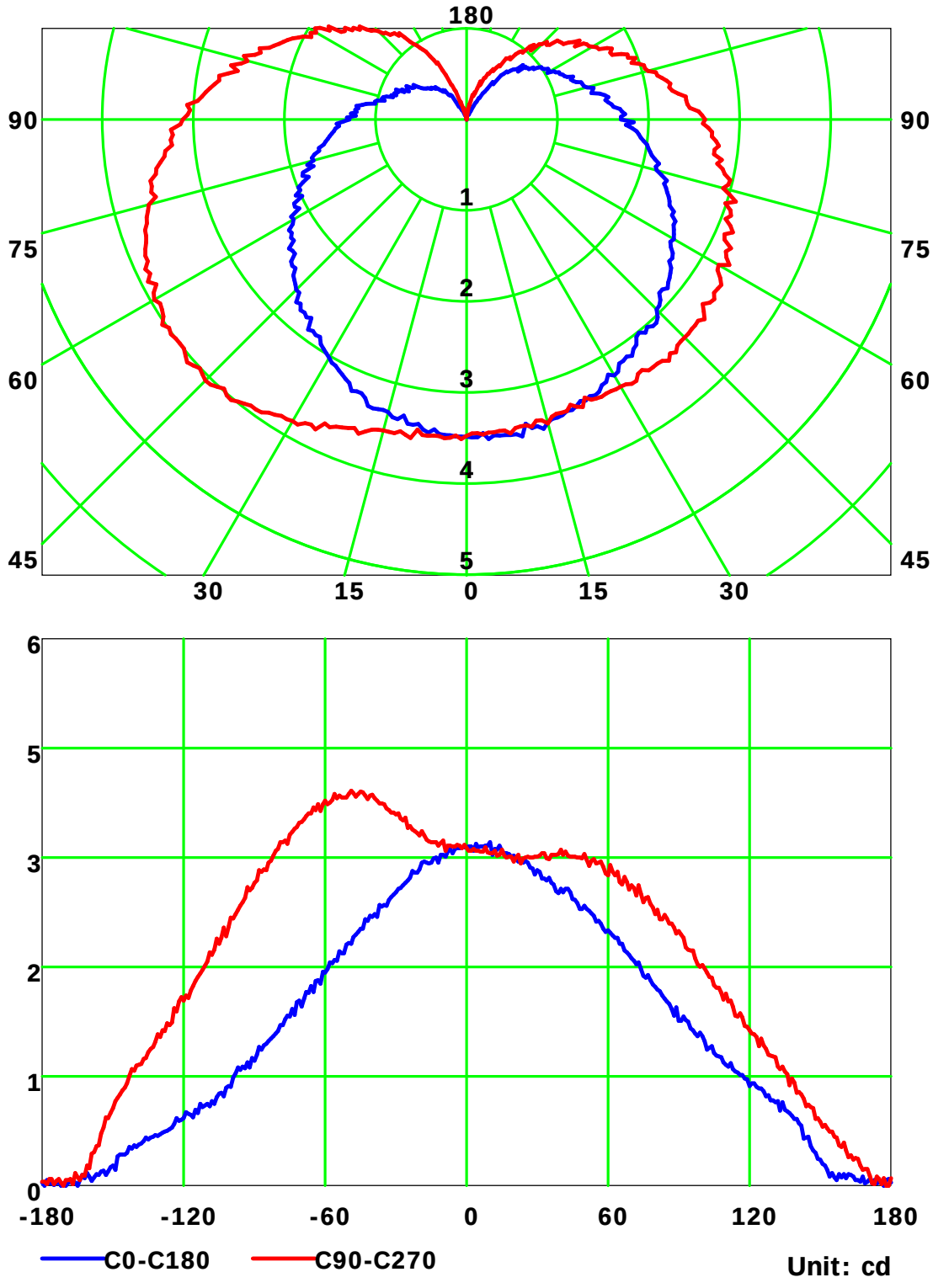
Picture Of Luminaire

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:**

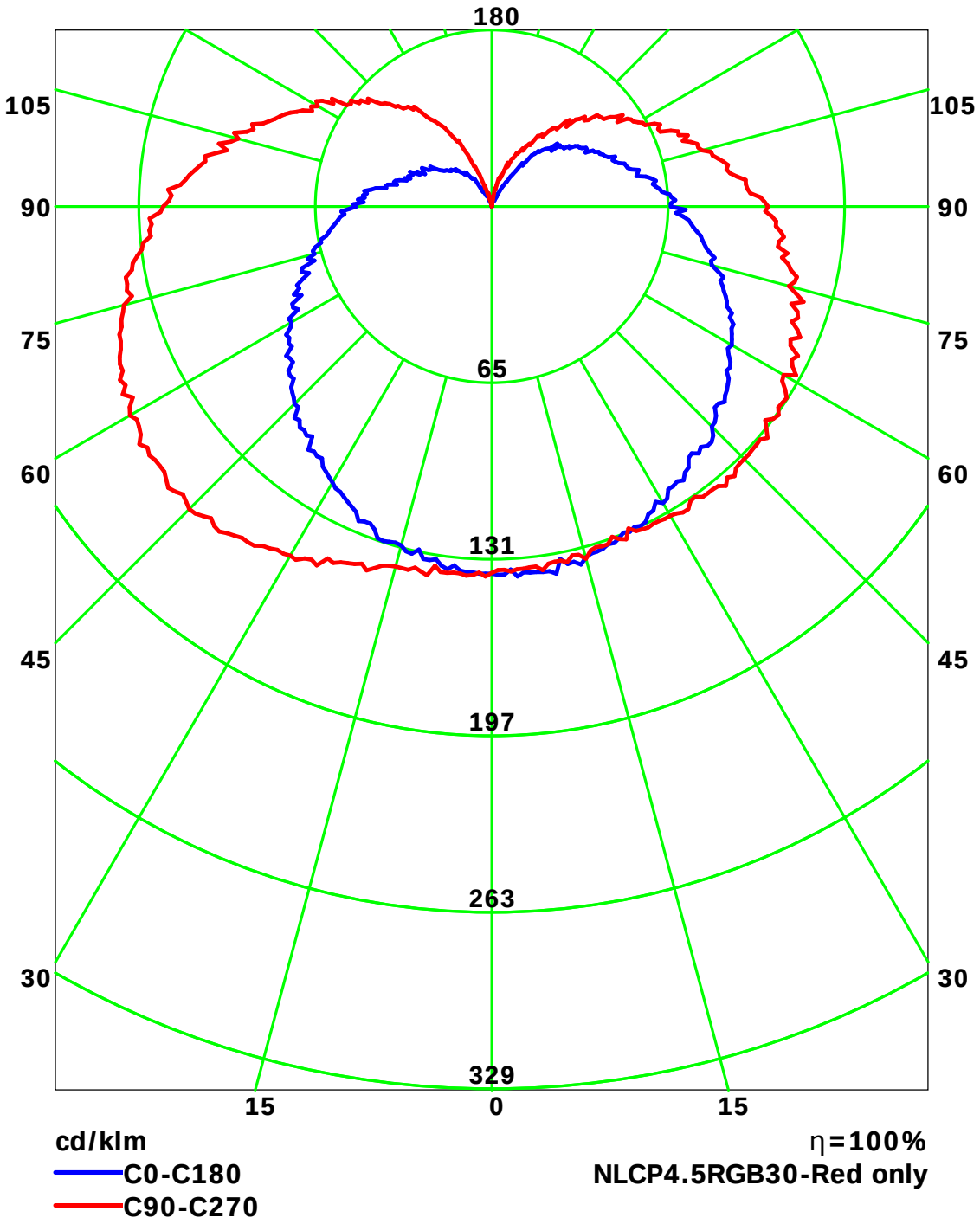
Luminous Intensity Distribution Curve



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

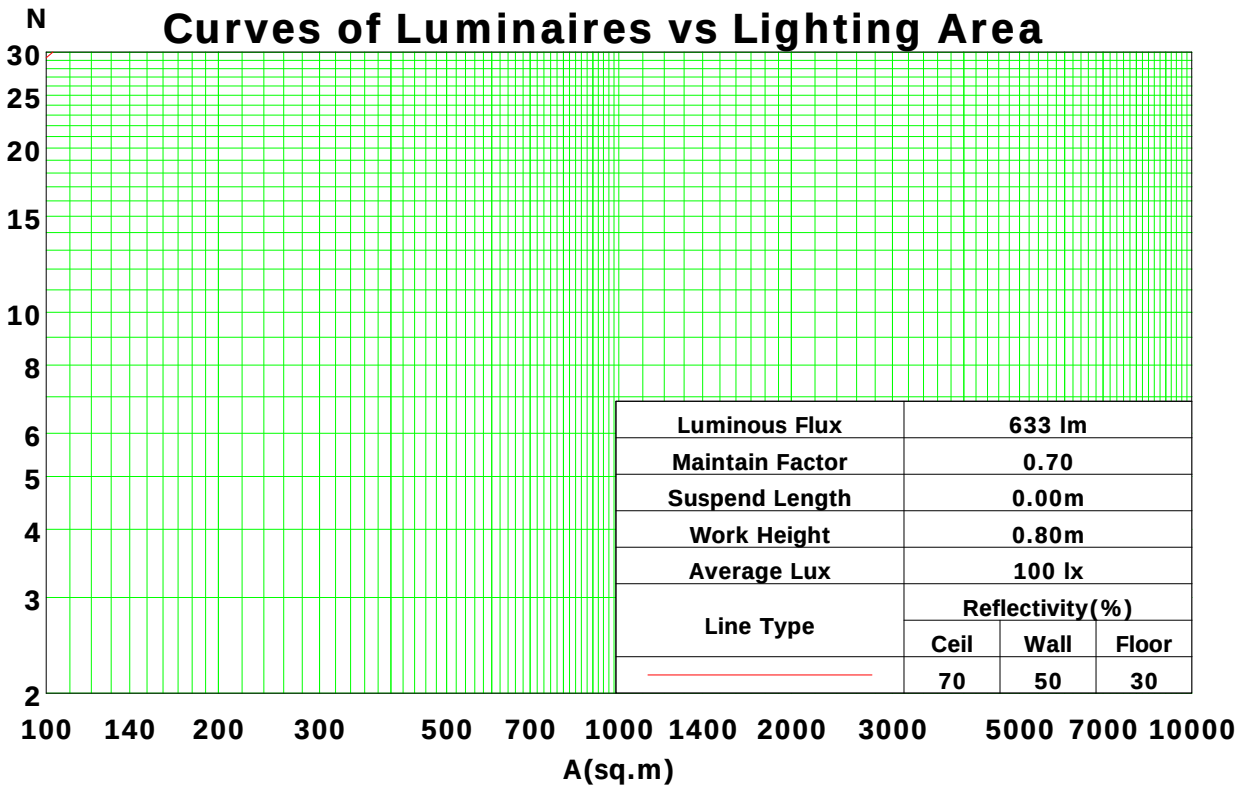
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	75	75	75	71
1	98	91	86	80	92	86	81	76	77	72	69	68	64	61	59	57	54	50
2	87	77	69	62	82	73	65	59	64	59	53	57	52	48	50	46	42	39
3	79	67	57	50	73	63	54	47	55	49	43	49	43	39	43	38	34	31
4	71	58	48	41	67	55	46	39	48	41	35	43	37	32	37	32	28	25
5	65	51	42	34	61	48	40	33	43	36	30	38	32	27	33	28	24	21
6	60	46	36	29	56	43	34	28	38	31	26	34	28	23	30	25	21	18
7	55	41	32	25	52	39	30	24	35	27	22	31	25	20	27	22	18	15
8	51	37	28	22	48	35	27	21	31	24	19	28	22	18	25	20	16	13
9	48	34	25	20	45	32	24	19	29	22	17	26	20	16	23	18	14	12
10	44	31	23	18	42	29	22	17	26	20	15	24	18	14	21	16	13	11

Spacing Criteria (0-180): 1.33
Spacing Criteria (90-270): 1.62
Spacing Criteria (Diagonal): 1.64

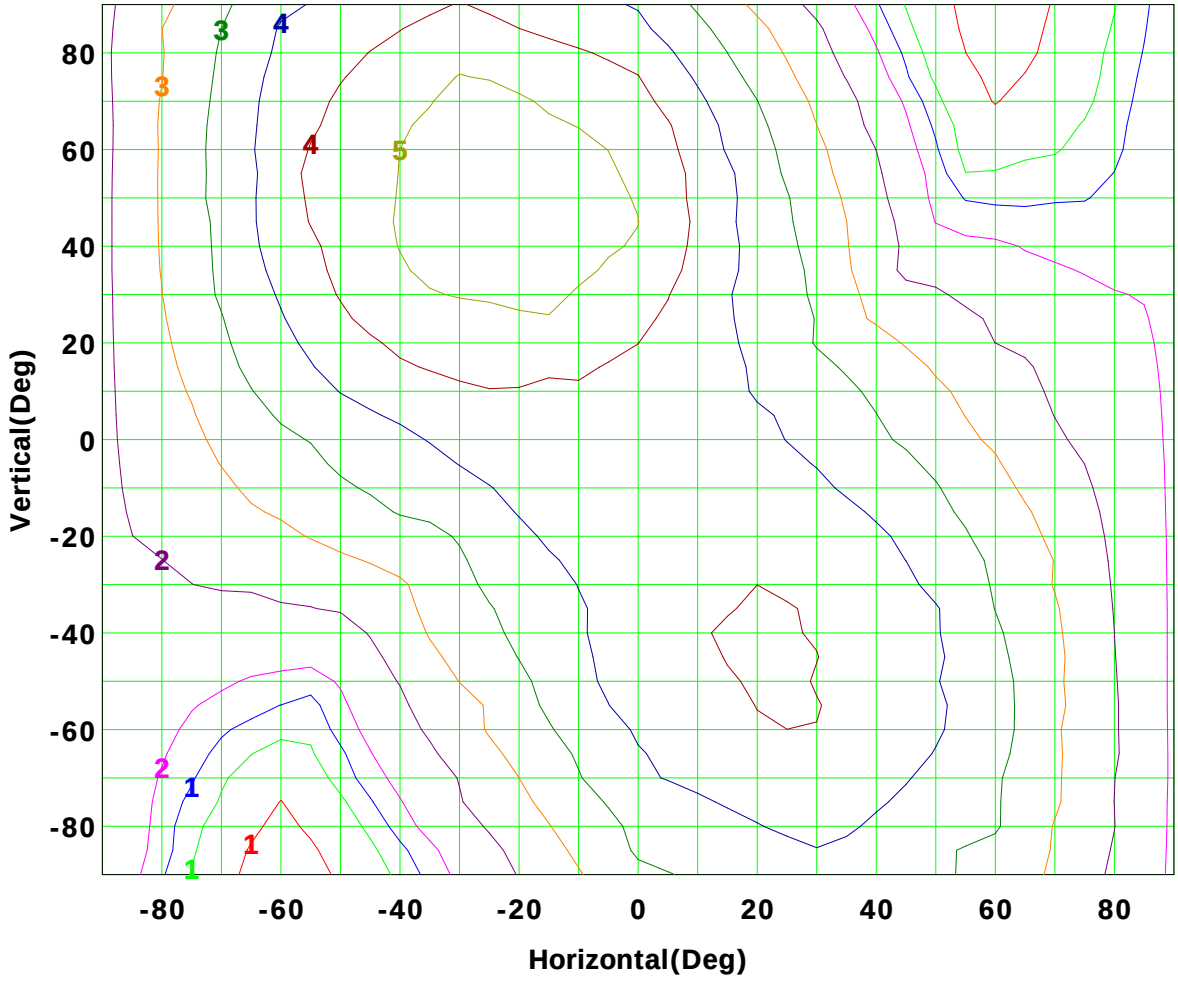
Curves of Luminaires vs Lighting Area



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)



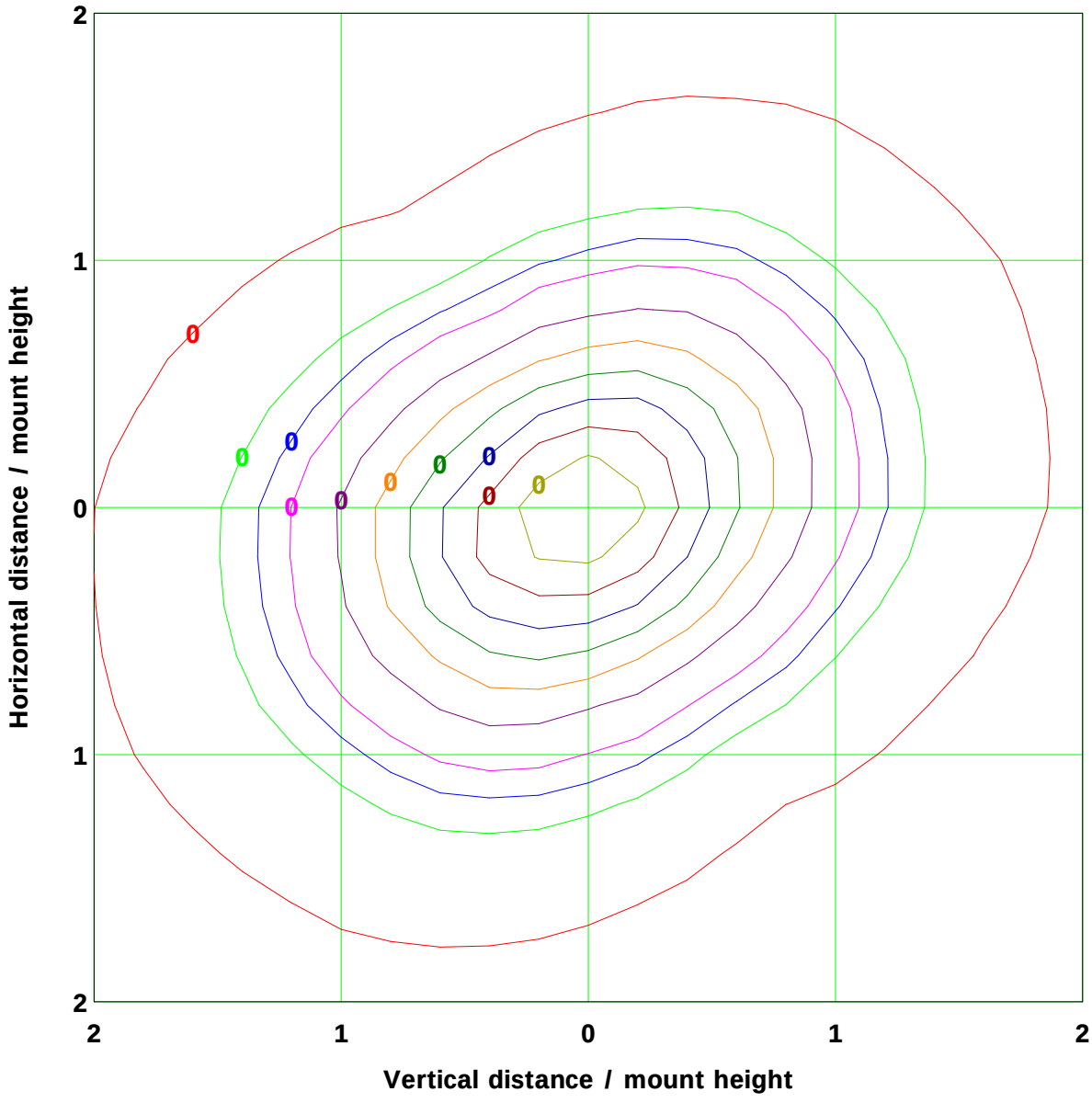
Imax (100%): 5 cd

(10%):	1 cd	(20%):	1 cd
(25%):	1 cd	(30%):	2 cd
(40%):	2 cd	(50%):	3 cd
(60%):	3 cd	(70%):	4 cd
(80%):	4 cd	(90%):	5 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%): 0.2 lx

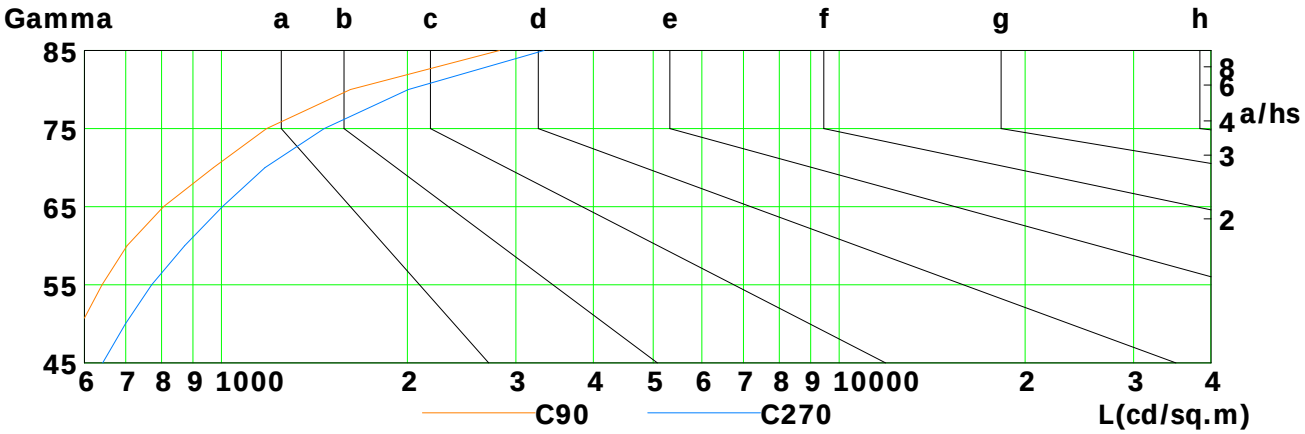
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.0 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.1 lx
(80%): 0.1 lx	(90%): 0.1 lx

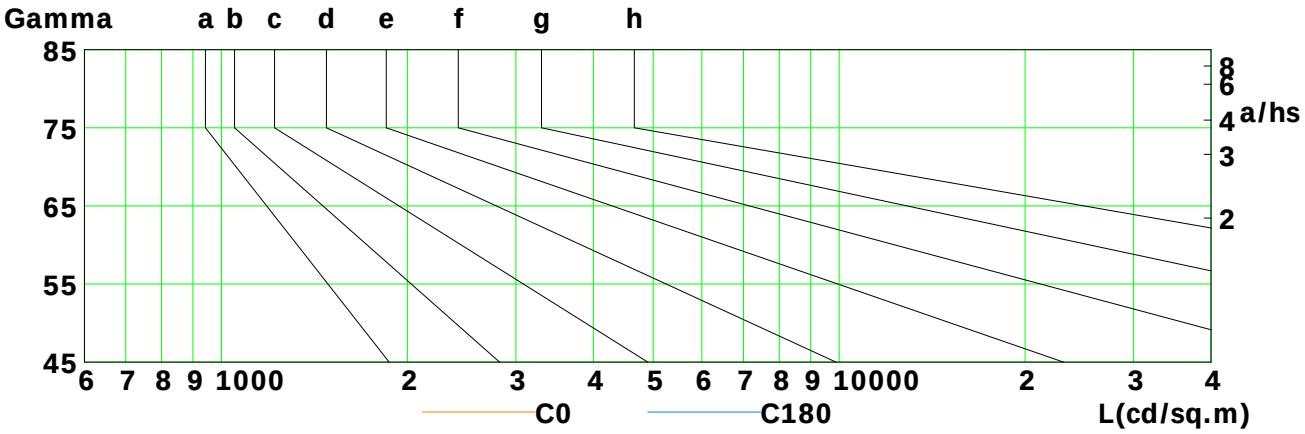
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

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



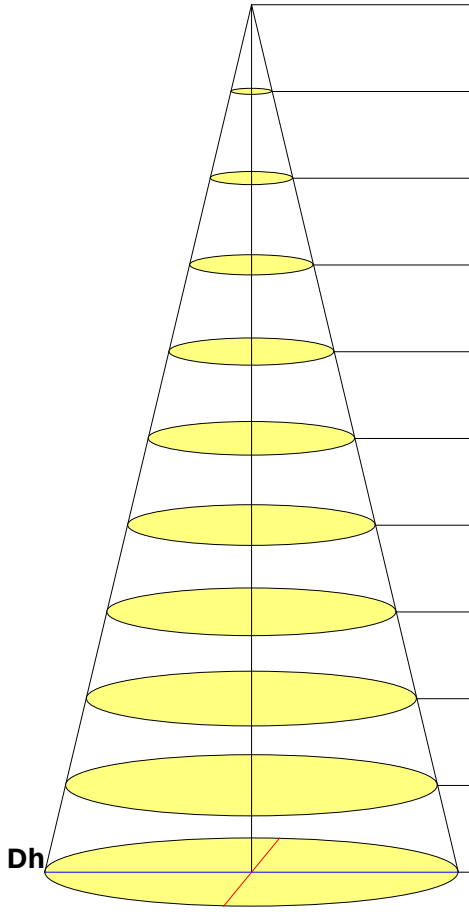


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	137	129	119	113	106	100	93	89	85
C90	537	592	641	704	806	971	1184	1619	2820
C180	123	112	101	95	85	79	75	69	65
C270	643	699	771	872	1004	1176	1467	2007	3329

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



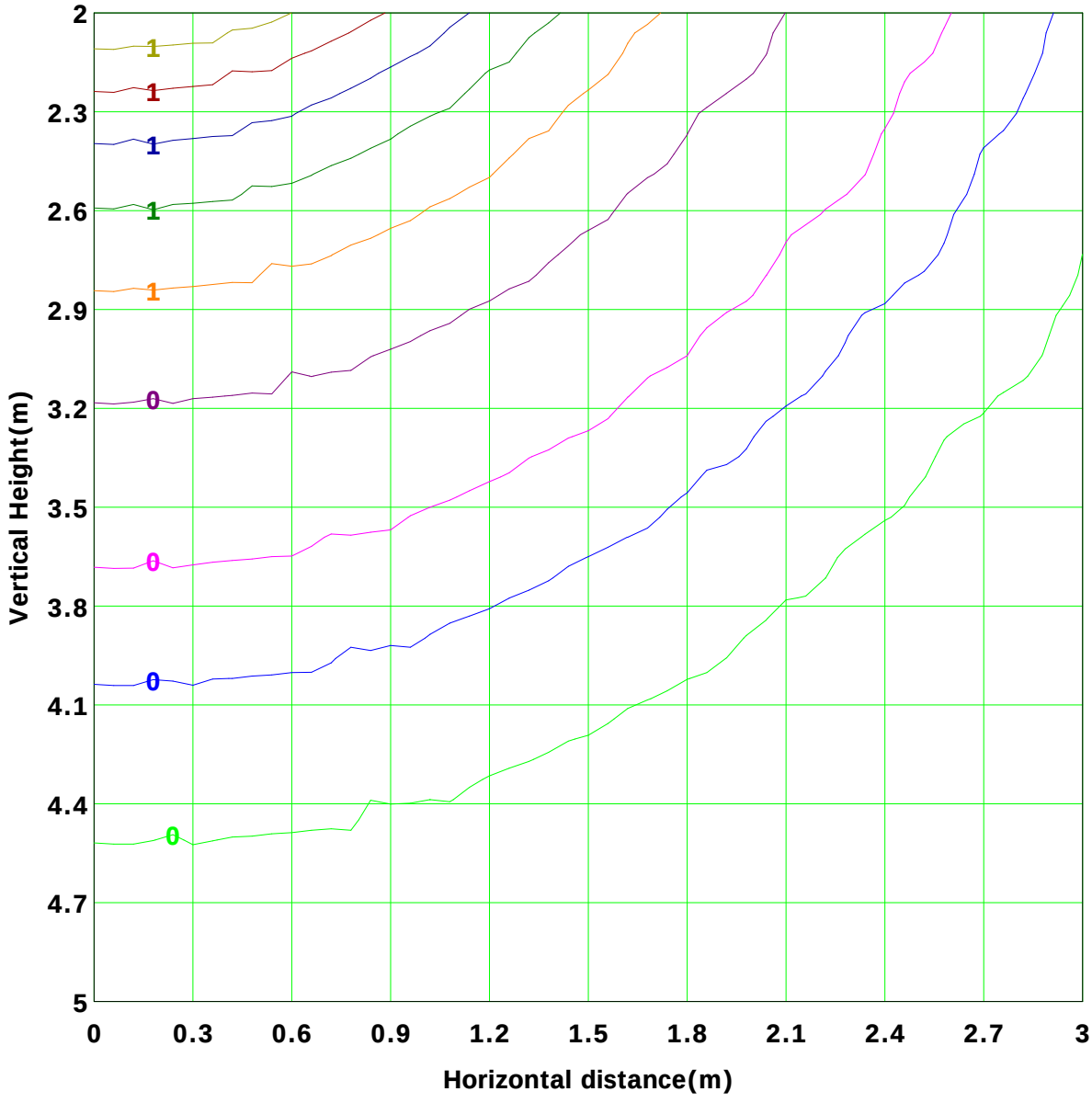
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	4.00	16.00/NA	NA	NA
2.0	1.00	32.00/NA	NA	NA
3.0	0.44	48.00/NA	NA	NA
4.0	0.25	64.00/NA	NA	NA
5.0	0.16	80.00/NA	NA	NA
6.0	0.11	96.00/NA	NA	NA
7.0	0.08	112.00/NA	NA	NA
8.0	0.06	128.00/NA	NA	NA
9.0	0.05	144.00/NA	NA	NA
10.0	0.04	160.00/NA	NA	NA

Beam Angle(B): H165.8 V231.5 Field Angle(F): H291.3 V318.3

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: 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
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Gamma Plane (°):0.0-180.0:1.0
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Area Flux Table

Unit: lm

Vertical plane (columns) / Horizontal plane (rows)

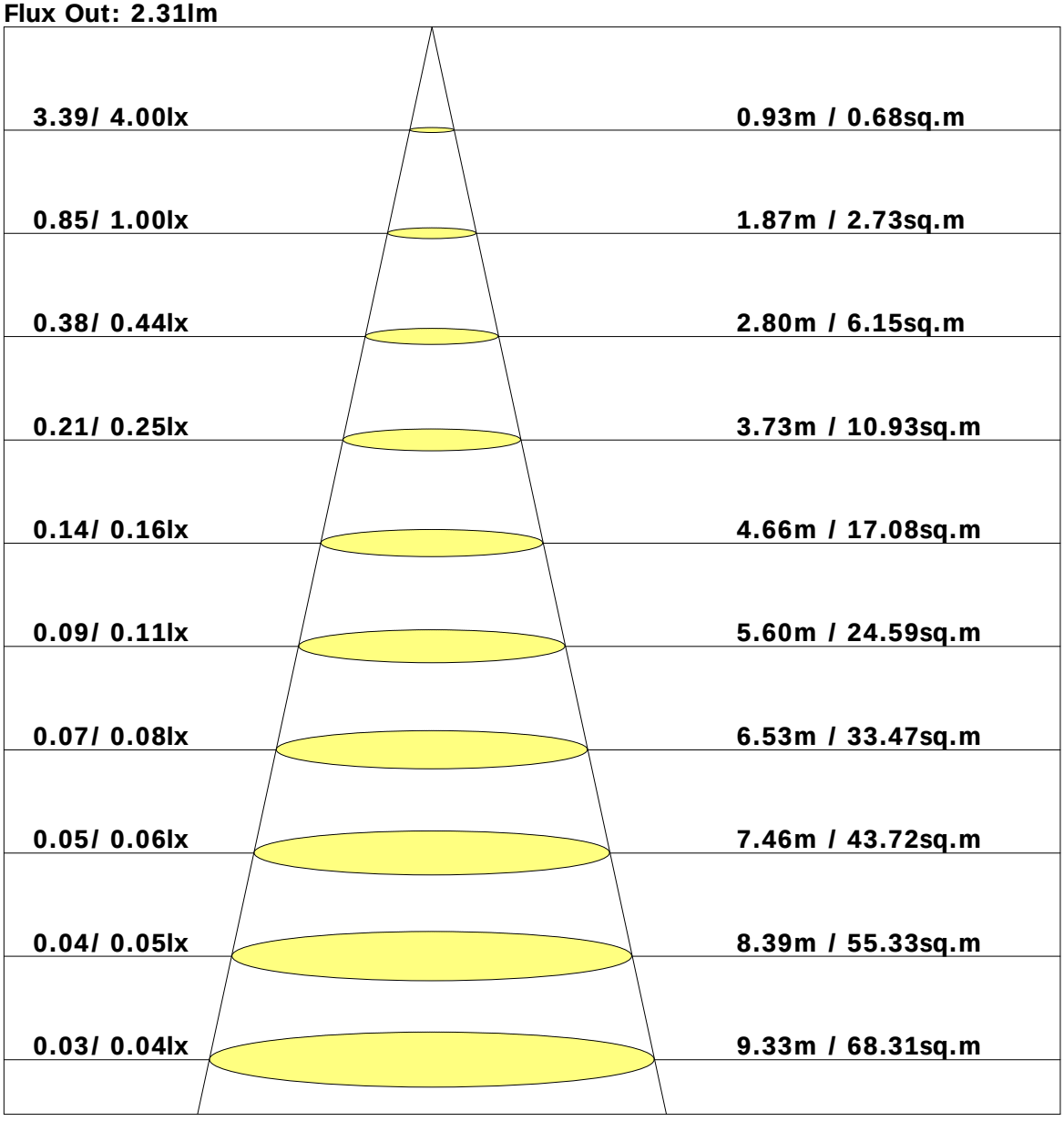
Horizontal plane	Flux(E)	Flux(T)	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-90	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-70	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	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	0.7	0.7	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	0.0	0.0	0.0	0.0	
-50	1.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-40	1.4	1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
-30	1.7	1.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
-20	2.0	2.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
-10	2.1	2.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
0	2.2	2.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
10	2.1	2.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
20	1.9	1.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
30	1.6	1.6	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	0.1	0.1	0.1	0.1	
40	1.2	1.2	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	0.1	0.1	0.1	
50	0.9	0.9	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	0.1	0.1	0.1	0.1	
60	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	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	0.3	0.3	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	
80	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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 Flux(T)		21	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.1	1.0	
Flux(E)	21		0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.1	1.0	

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: 2.31lm



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	17.4	18.7	18.2	19.4	20.4	15.6	16.9	16.4	17.7	18.6
3H	20.3	21.5	21.1	22.3	23.2	18.1	19.3	18.8	20.0	21.0
4H	21.8	22.9	22.6	23.7	24.7	19.3	20.4	20.0	21.2	22.1
6H	23.5	24.5	24.2	25.3	26.3	20.4	21.4	21.2	22.2	23.2
8H	24.3	25.3	25.1	26.1	27.1	20.9	21.9	21.7	22.8	23.7
12H	25.3	26.3	26.1	27.1	28.1	21.5	22.4	22.3	23.2	24.3
X=4H Y=2H	18.0	19.1	18.8	19.9	20.9	16.4	17.5	17.2	18.3	19.3
3H	21.1	22.0	21.9	22.9	23.8	19.1	20.1	19.9	20.9	21.9
4H	22.6	23.5	23.4	24.3	25.4	20.5	21.3	21.2	22.2	23.2
6H	24.3	25.1	25.1	26.0	27.0	21.8	22.5	22.6	23.4	24.4
8H	25.3	26.0	26.1	26.8	27.9	22.4	23.1	23.2	24.0	25.0
12H	26.3	27.0	27.1	27.8	28.9	23.0	23.7	23.8	24.5	25.6
X=8H Y=4H	23.0	23.7	23.8	24.6	25.6	21.0	21.7	21.8	22.6	23.6
6H	24.8	25.5	25.7	26.3	27.4	22.5	23.2	23.3	24.0	25.1
8H	25.8	26.4	26.7	27.3	28.3	23.3	23.9	24.1	24.7	25.8
12H	26.9	27.5	27.8	28.3	29.4	24.1	24.6	24.9	25.5	26.5
X=12H Y=4H	23.1	23.8	23.9	24.6	25.7	21.1	21.8	21.9	22.6	23.7
6H	24.9	25.5	25.8	26.4	27.5	22.7	23.3	23.5	24.1	25.2
8H	26.0	26.5	26.8	27.4	28.5	23.5	24.1	24.4	24.9	26.0

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 = 1.75
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	NA	0.52	0.58	0.63	0.70	0.75	0.79	0.84	0.87
	0.30		NA	0.43	0.50	0.55	0.63	0.68	0.73	0.78	0.83
	0.20		NA	0.37	0.44	0.49	0.57	0.63	0.67	0.74	0.78
0.50	0.50	0.20	NA	0.46	0.52	0.56	0.63	0.67	0.70	0.75	0.78
	0.30		NA	0.39	0.45	0.50	0.57	0.61	0.65	0.70	0.74
	0.20		NA	0.35	0.40	0.45	0.52	0.57	0.61	0.66	0.70
0.30	0.50	0.20	NA	0.41	0.46	0.50	0.56	0.59	0.62	0.66	0.69
	0.30		NA	0.36	0.41	0.45	0.51	0.55	0.58	0.63	0.66
	0.20		NA	0.31	0.36	0.40	0.47	0.51	0.55	0.60	0.63
0.00	0.00	0.00	NA	0.25	0.30	0.33	0.38	0.42	0.45	0.49	0.52

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 = 1.75				
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.76	0.68	0.62	0.52	0.46	0.41	0.33	0.29
	0.20		NA	0.67	0.60	0.56	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.47	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.38	0.31	0.26
	0.20		NA	0.62	0.56	0.52	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.58	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.58	0.52	0.44	0.39	0.35	0.29	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.24
0.00	0.00	0.00	0.71	0.45	0.41	0.38	0.33	0.29	0.26	0.22	0.19

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 = 1.75								
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	NA	0.46	0.47	0.48	0.49	0.49	0.49	0.50	0.50
	0.30		NA	0.39	0.41	0.41	0.43	0.44	0.45	0.46	0.46
	0.20		NA	0.34	0.35	0.36	0.38	0.39	0.40	0.42	0.43
0.50	0.50	0.20	NA	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48
	0.30		NA	0.39	0.40	0.40	0.42	0.42	0.43	0.44	0.45
	0.20		NA	0.34	0.35	0.36	0.37	0.38	0.39	0.41	0.42
0.30	0.50	0.20	NA	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.46
	0.30		NA	0.38	0.39	0.39	0.40	0.41	0.42	0.43	0.43
	0.20		NA	0.33	0.34	0.35	0.36	0.38	0.38	0.40	0.41
0.00	0.00	0.00	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29

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	4.0	0.0	0.0	0.01	0.01
1.0-2.0	4.0	0.0	0.0	0.04	0.05
2.0-3.0	4.0	0.0	0.0	0.07	0.12
3.0-4.0	4.0	0.0	0.1	0.09	0.21
4.0-5.0	4.0	0.0	0.1	0.12	0.33
5.0-6.0	4.0	0.0	0.1	0.14	0.47
6.0-7.0	4.0	0.0	0.2	0.17	0.64
7.0-8.0	4.0	0.1	0.2	0.20	0.83
8.0-9.0	4.0	0.1	0.3	0.22	1.05
9.0-10.0	4.0	0.1	0.4	0.25	1.30
10.0-11.0	4.0	0.1	0.5	0.27	1.57
11.0-12.0	4.0	0.1	0.5	0.30	1.87
12.0-13.0	4.0	0.1	0.6	0.32	2.19
13.0-14.0	3.9	0.1	0.7	0.35	2.54
14.0-15.0	3.9	0.1	0.8	0.37	2.91
15.0-16.0	3.9	0.1	1.0	0.39	3.30
16.0-17.0	3.9	0.1	1.1	0.42	3.72
17.0-18.0	3.9	0.1	1.2	0.45	4.16
18.0-19.0	3.9	0.1	1.4	0.47	4.63
19.0-20.0	3.9	0.1	1.5	0.49	5.13
20.0-21.0	3.9	0.1	1.6	0.51	5.64
21.0-22.0	3.9	0.2	1.8	0.54	6.18
22.0-23.0	3.9	0.2	2.0	0.56	6.74
23.0-24.0	3.9	0.2	2.1	0.58	7.32
24.0-25.0	3.9	0.2	2.3	0.61	7.93
25.0-26.0	3.9	0.2	2.5	0.63	8.56
26.0-27.0	3.9	0.2	2.7	0.65	9.21
27.0-28.0	3.9	0.2	2.9	0.67	9.88
28.0-29.0	3.9	0.2	3.1	0.69	10.58
29.0-30.0	3.9	0.2	3.3	0.72	11.29
30.0-31.0	3.9	0.2	3.5	0.74	12.03
31.0-32.0	3.8	0.2	3.7	0.76	12.79
32.0-33.0	3.8	0.2	4.0	0.77	13.56
33.0-34.0	3.8	0.2	4.2	0.79	14.36
34.0-35.0	3.8	0.2	4.4	0.81	15.17
35.0-36.0	3.8	0.2	4.7	0.83	16.00

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:

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	3.8	0.2	4.9	0.85	16.85
37.0-38.0	3.8	0.3	5.2	0.87	17.72
38.0-39.0	3.8	0.3	5.4	0.88	18.61
39.0-40.0	3.8	0.3	5.7	0.90	19.51
40.0-41.0	3.8	0.3	6.0	0.92	20.42
41.0-42.0	3.8	0.3	6.2	0.94	21.36
42.0-43.0	3.8	0.3	6.5	0.95	22.31
43.0-44.0	3.7	0.3	6.8	0.97	23.28
44.0-45.0	3.7	0.3	7.1	0.98	24.26
45.0-46.0	3.7	0.3	7.4	0.99	25.25
46.0-47.0	3.7	0.3	7.7	1.00	26.25
47.0-48.0	3.7	0.3	8.0	1.01	27.26
48.0-49.0	3.6	0.3	8.3	1.02	28.28
49.0-50.0	3.6	0.3	8.6	1.03	29.32
50.0-51.0	3.6	0.3	8.9	1.04	30.36
51.0-52.0	3.6	0.3	9.2	1.05	31.42
52.0-53.0	3.6	0.3	9.5	1.06	32.48
53.0-54.0	3.5	0.3	9.8	1.07	33.54
54.0-55.0	3.5	0.3	10.1	1.07	34.62
55.0-56.0	3.5	0.3	10.4	1.08	35.70
56.0-57.0	3.5	0.3	10.7	1.09	36.79
57.0-58.0	3.4	0.3	11.1	1.09	37.87
58.0-59.0	3.4	0.3	11.4	1.09	38.96
59.0-60.0	3.4	0.3	11.7	1.09	40.06
60.0-61.0	3.3	0.3	12.0	1.09	41.15
61.0-62.0	3.3	0.3	12.3	1.10	42.25
62.0-63.0	3.3	0.3	12.7	1.10	43.35
63.0-64.0	3.3	0.3	13.0	1.10	44.45
64.0-65.0	3.2	0.3	13.3	1.10	45.54
65.0-66.0	3.2	0.3	13.6	1.09	46.64
66.0-67.0	3.2	0.3	13.9	1.09	47.73
67.0-68.0	3.1	0.3	14.3	1.09	48.82
68.0-69.0	3.1	0.3	14.6	1.09	49.91
69.0-70.0	3.1	0.3	14.9	1.08	50.99
70.0-71.0	3.0	0.3	15.2	1.08	52.07
71.0-72.0	3.0	0.3	15.5	1.08	53.14

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	3.0	0.3	15.8	1.07	54.21
73.0-74.0	2.9	0.3	16.1	1.06	55.27
74.0-75.0	2.9	0.3	16.4	1.05	56.33
75.0-76.0	2.9	0.3	16.7	1.04	57.37
76.0-77.0	2.8	0.3	17.0	1.04	58.41
77.0-78.0	2.8	0.3	17.3	1.03	59.43
78.0-79.0	2.8	0.3	17.6	1.02	60.45
79.0-80.0	2.7	0.3	17.9	1.00	61.45
80.0-81.0	2.7	0.3	18.2	0.99	62.44
81.0-82.0	2.6	0.3	18.5	0.98	63.42
82.0-83.0	2.6	0.3	18.8	0.97	64.39
83.0-84.0	2.6	0.3	19.1	0.96	65.35
84.0-85.0	2.5	0.3	19.4	0.94	66.29
85.0-86.0	2.5	0.3	19.6	0.93	67.22
86.0-87.0	2.4	0.3	19.9	0.92	68.14
87.0-88.0	2.4	0.3	20.2	0.90	69.05
88.0-89.0	2.4	0.3	20.4	0.90	69.94
89.0-90.0	2.3	0.3	20.7	0.88	70.82
90.0-91.0	2.3	0.3	20.9	0.87	71.69
91.0-92.0	2.3	0.3	21.2	0.86	72.55
92.0-93.0	2.3	0.2	21.4	0.85	73.40
93.0-94.0	2.2	0.2	21.7	0.83	74.24
94.0-95.0	2.2	0.2	21.9	0.82	75.06
95.0-96.0	2.2	0.2	22.1	0.81	75.87
96.0-97.0	2.1	0.2	22.4	0.80	76.67
97.0-98.0	2.1	0.2	22.6	0.78	77.45
98.0-99.0	2.1	0.2	22.8	0.77	78.22
99.0-100.0	2.0	0.2	23.1	0.75	78.97
100.0-101.0	2.0	0.2	23.3	0.74	79.71
101.0-102.0	1.9	0.2	23.5	0.72	80.43
102.0-103.0	1.9	0.2	23.7	0.71	81.14
103.0-104.0	1.9	0.2	23.9	0.70	81.83
104.0-105.0	1.9	0.2	24.1	0.68	82.51
105.0-106.0	1.8	0.2	24.3	0.66	83.18
106.0-107.0	1.8	0.2	24.5	0.65	83.83
107.0-108.0	1.8	0.2	24.7	0.63	84.46

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	1.7	0.2	24.8	0.62	85.08
109.0-110.0	1.7	0.2	25.0	0.61	85.69
110.0-111.0	1.7	0.2	25.2	0.59	86.28
111.0-112.0	1.7	0.2	25.4	0.58	86.85
112.0-113.0	1.6	0.2	25.5	0.57	87.42
113.0-114.0	1.6	0.2	25.7	0.55	87.97
114.0-115.0	1.6	0.2	25.8	0.54	88.51
115.0-116.0	1.5	0.2	26.0	0.52	89.03
116.0-117.0	1.5	0.1	26.1	0.51	89.54
117.0-118.0	1.5	0.1	26.3	0.50	90.04
118.0-119.0	1.5	0.1	26.4	0.48	90.52
119.0-120.0	1.4	0.1	26.6	0.47	90.99
120.0-121.0	1.4	0.1	26.7	0.45	91.45
121.0-122.0	1.4	0.1	26.8	0.44	91.89
122.0-123.0	1.4	0.1	26.9	0.43	92.32
123.0-124.0	1.3	0.1	27.1	0.42	92.74
124.0-125.0	1.3	0.1	27.2	0.40	93.14
125.0-126.0	1.3	0.1	27.3	0.39	93.53
126.0-127.0	1.2	0.1	27.4	0.38	93.90
127.0-128.0	1.2	0.1	27.5	0.36	94.26
128.0-129.0	1.2	0.1	27.6	0.35	94.61
129.0-130.0	1.2	0.1	27.7	0.34	94.95
130.0-131.0	1.1	0.1	27.8	0.33	95.27
131.0-132.0	1.1	0.1	27.9	0.31	95.59
132.0-133.0	1.1	0.1	28.0	0.30	95.88
133.0-134.0	1.1	0.1	28.1	0.29	96.17
134.0-135.0	1.0	0.1	28.2	0.28	96.45
135.0-136.0	1.0	0.1	28.2	0.27	96.71
136.0-137.0	1.0	0.1	28.3	0.25	96.96
137.0-138.0	0.9	0.1	28.4	0.24	97.20
138.0-139.0	0.9	0.1	28.4	0.23	97.43
139.0-140.0	0.9	0.1	28.5	0.22	97.64
140.0-141.0	0.9	0.1	28.6	0.20	97.85
141.0-142.0	0.8	0.1	28.6	0.19	98.04
142.0-143.0	0.8	0.1	28.7	0.18	98.22
143.0-144.0	0.7	0.0	28.7	0.17	98.39

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	0.7	0.0	28.8	0.16	98.55
145.0-146.0	0.7	0.0	28.8	0.15	98.69
146.0-147.0	0.7	0.0	28.8	0.14	98.83
147.0-148.0	0.6	0.0	28.9	0.13	98.96
148.0-149.0	0.6	0.0	28.9	0.11	99.07
149.0-150.0	0.6	0.0	29.0	0.11	99.18
150.0-151.0	0.5	0.0	29.0	0.10	99.28
151.0-152.0	0.5	0.0	29.0	0.09	99.37
152.0-153.0	0.5	0.0	29.0	0.08	99.45
153.0-154.0	0.4	0.0	29.1	0.07	99.52
154.0-155.0	0.4	0.0	29.1	0.06	99.59
155.0-156.0	0.4	0.0	29.1	0.06	99.65
156.0-157.0	0.3	0.0	29.1	0.05	99.70
157.0-158.0	0.3	0.0	29.1	0.05	99.74
158.0-159.0	0.3	0.0	29.1	0.04	99.78
159.0-160.0	0.3	0.0	29.1	0.03	99.82
160.0-161.0	0.2	0.0	29.1	0.03	99.85
161.0-162.0	0.2	0.0	29.2	0.03	99.88
162.0-163.0	0.2	0.0	29.2	0.02	99.90
163.0-164.0	0.2	0.0	29.2	0.02	99.92
164.0-165.0	0.2	0.0	29.2	0.02	99.93
165.0-166.0	0.1	0.0	29.2	0.01	99.95
166.0-167.0	0.1	0.0	29.2	0.01	99.96
167.0-168.0	0.1	0.0	29.2	0.01	99.97
168.0-169.0	0.1	0.0	29.2	0.01	99.98
169.0-170.0	0.1	0.0	29.2	0.01	99.98
170.0-171.0	0.1	0.0	29.2	0.00	99.99
171.0-172.0	0.1	0.0	29.2	0.00	99.99
172.0-173.0	0.1	0.0	29.2	0.00	99.99
173.0-174.0	0.1	0.0	29.2	0.00	99.99
174.0-175.0	0.1	0.0	29.2	0.00	100.00
175.0-176.0	0.0	0.0	29.2	0.00	100.00
176.0-177.0	0.0	0.0	29.2	0.00	100.00
177.0-178.0	0.0	0.0	29.2	0.00	100.00
178.0-179.0	0.0	0.0	29.2	0.00	100.00
179.0-180.0	0.0	0.0	29.2	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: