GENLED Brands
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Report No.: **Test Time: 2022/11/25 16:57**

Luminaire Property

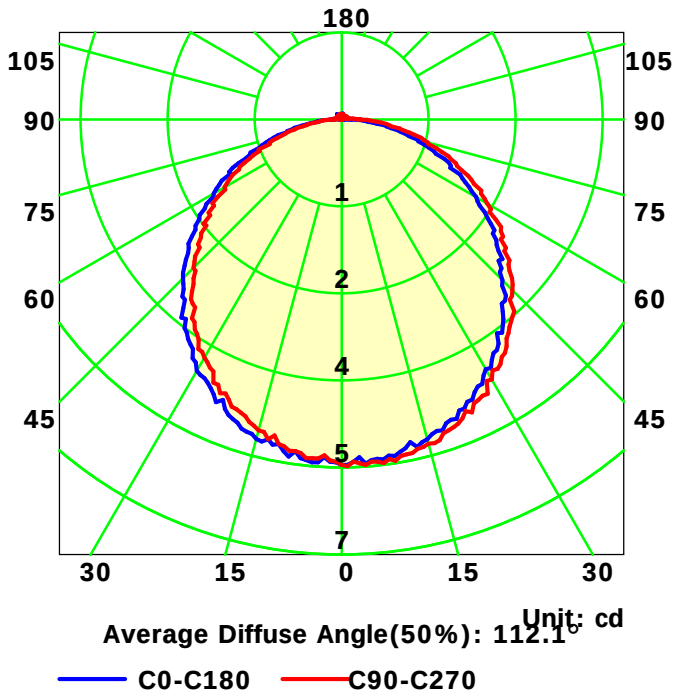
Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Silhouette Plus
Luminaire Description: Neon Silhouette Plus RGBW-Blue only
Lamp Catalog: NLSP4.5RGB30-Blue only **Number of Lamps: 1**
Luminous Length (mm): 1000 **Luminous Width (mm): 12**
Luminous Height (mm): 20 **Voltage: 24.0 V**
Current: 0.132 A **Power: 3.16 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 16.5 lm**
Measurement Flux: 16.5 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H165.4,H112.1
Vertical Diffuse Angle(10%,50%): V168.4,V112.2
Luminaire Efficacy Rating (LER): 5 **Central Intensity: 5.58 cd**
Max. Intensity: 5.6 cd **Pos of Max. Intensity: H90 V1**

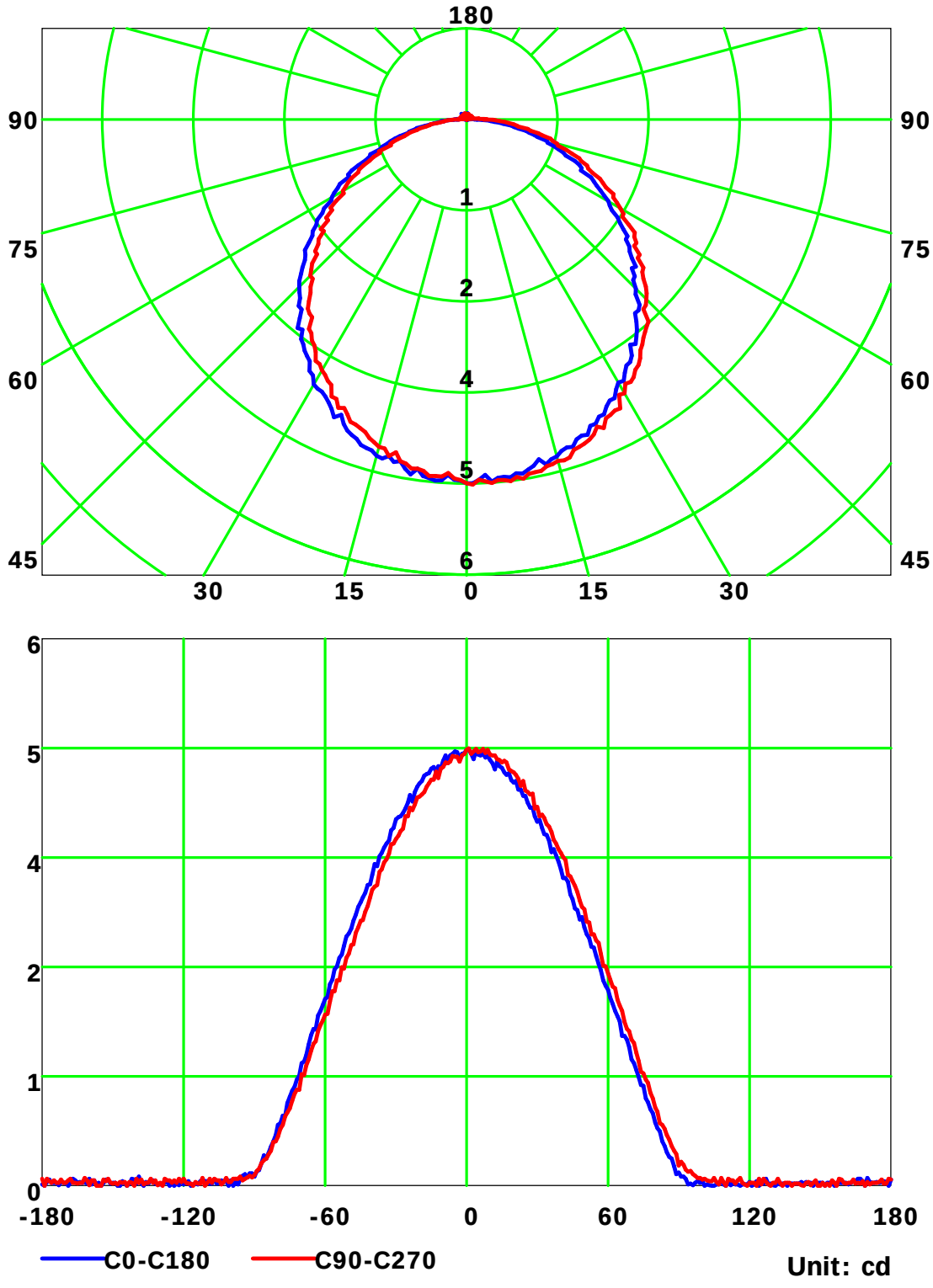
Picture Of Luminaire

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:**

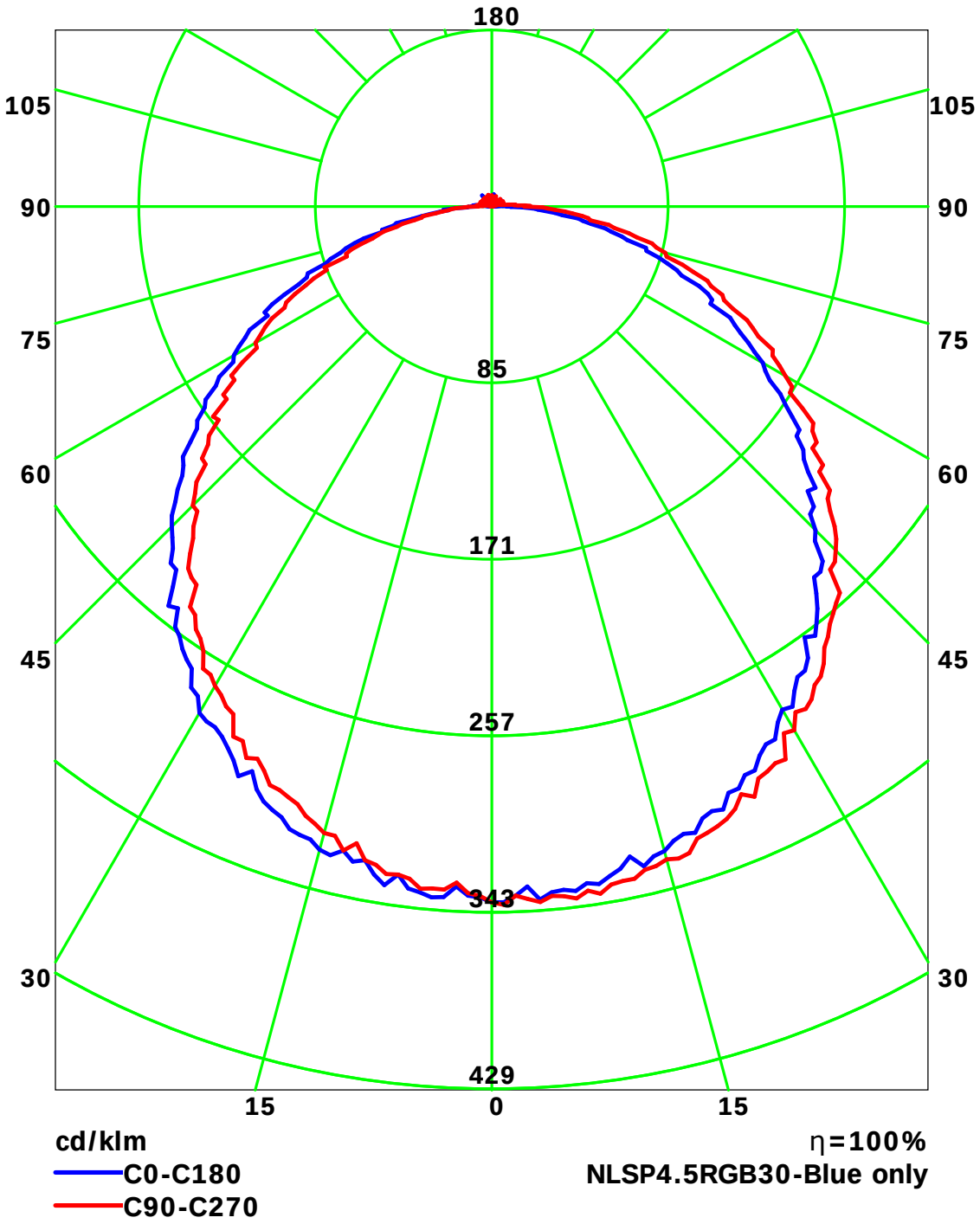
Luminous Intensity Distribution Curve



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

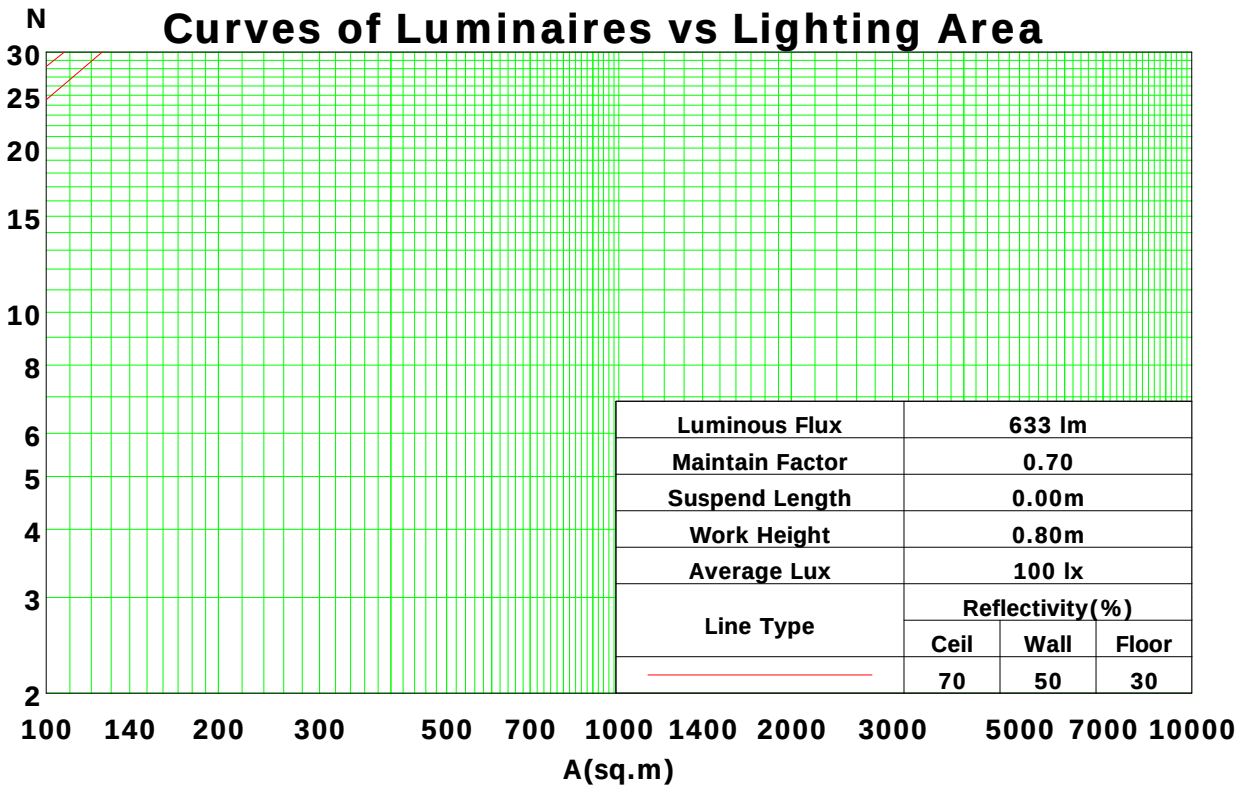
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	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	69	62	73	66	61	70	64	60	67	62	58	56
4	81	69	60	53	79	68	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	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	44	38	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	31	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	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.24
Spacing Criteria (Diagonal): 1.36

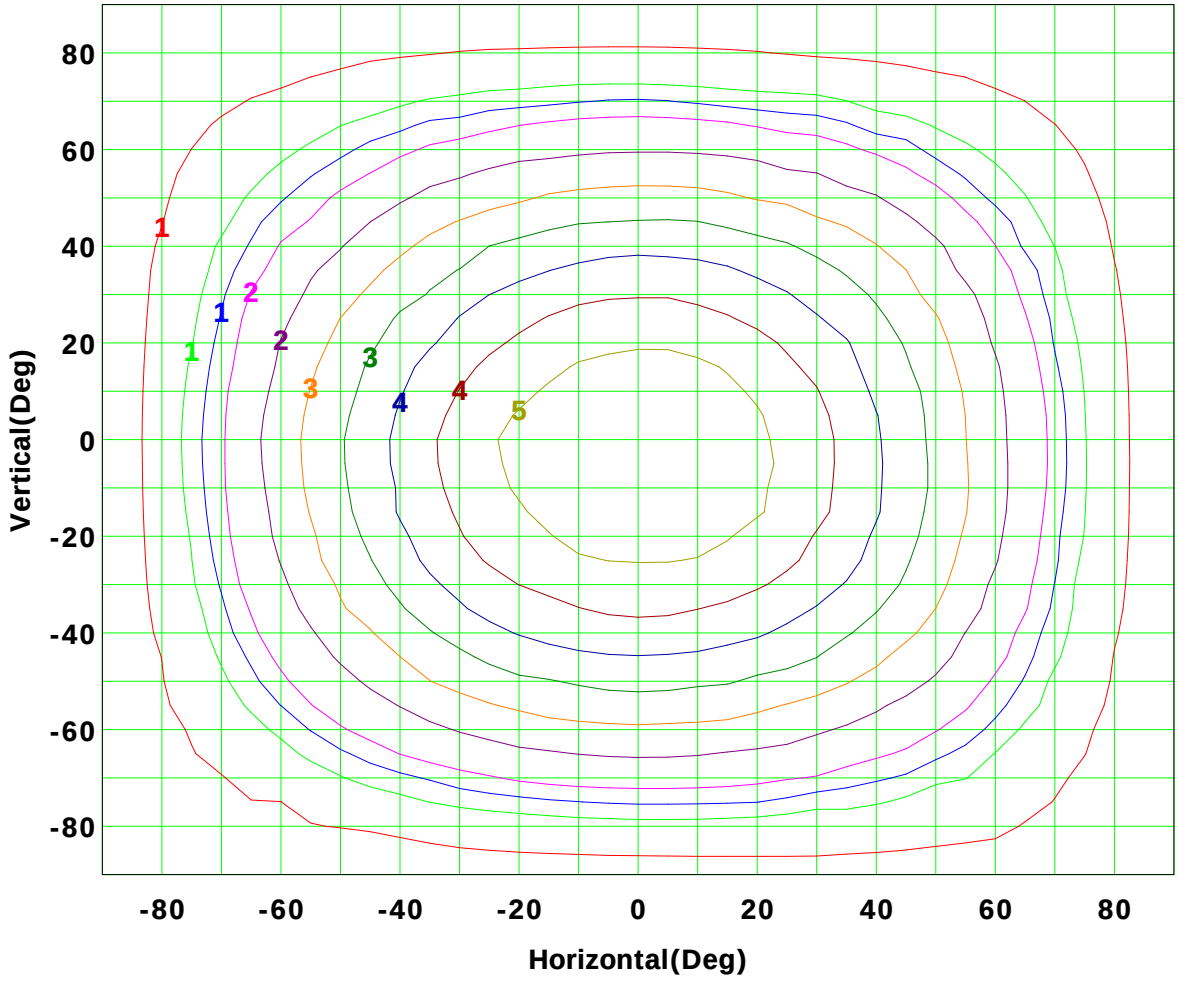
Curves of Luminaires vs Lighting Area



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)



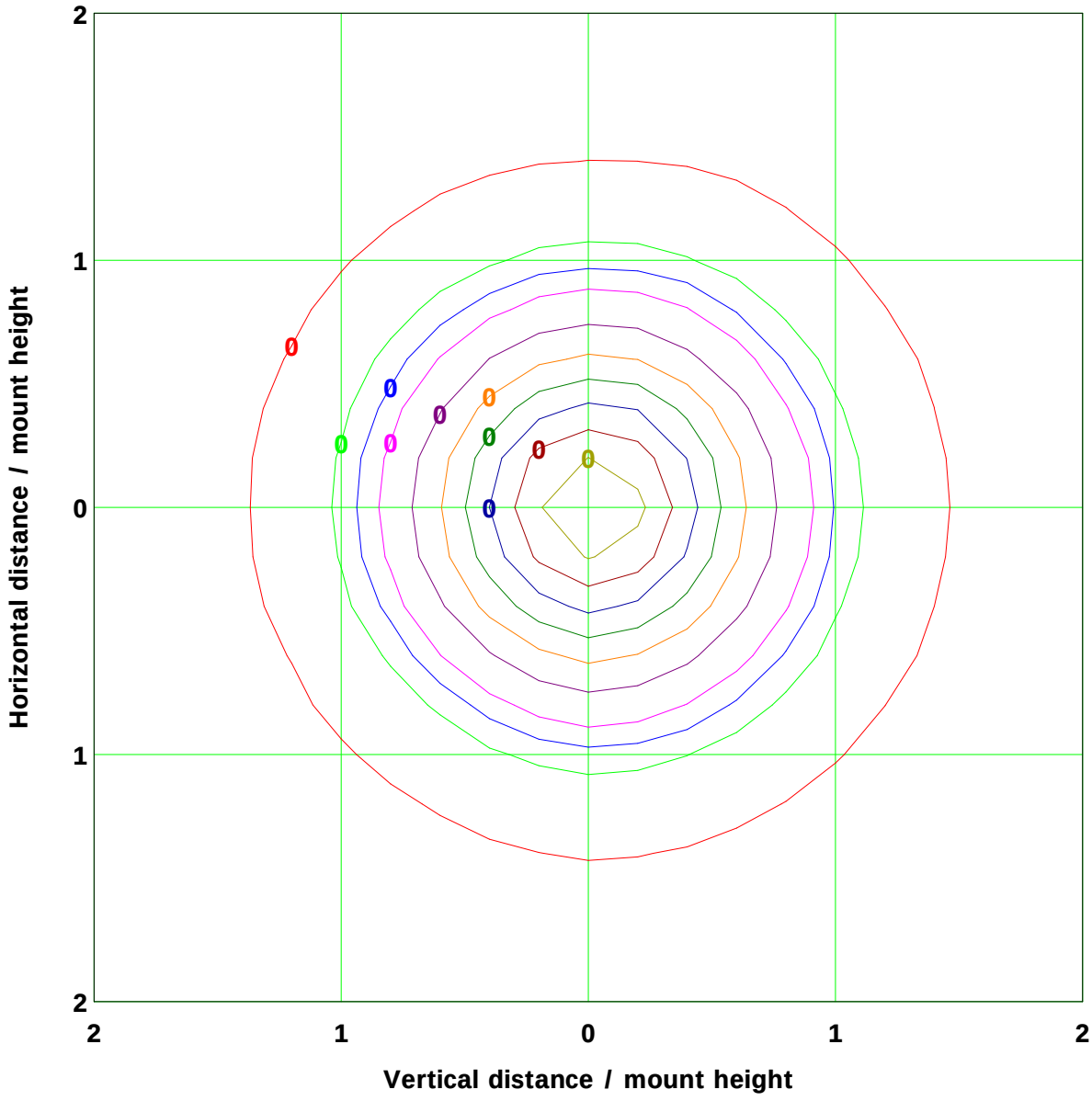
Imax (100%): 6 cd

(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

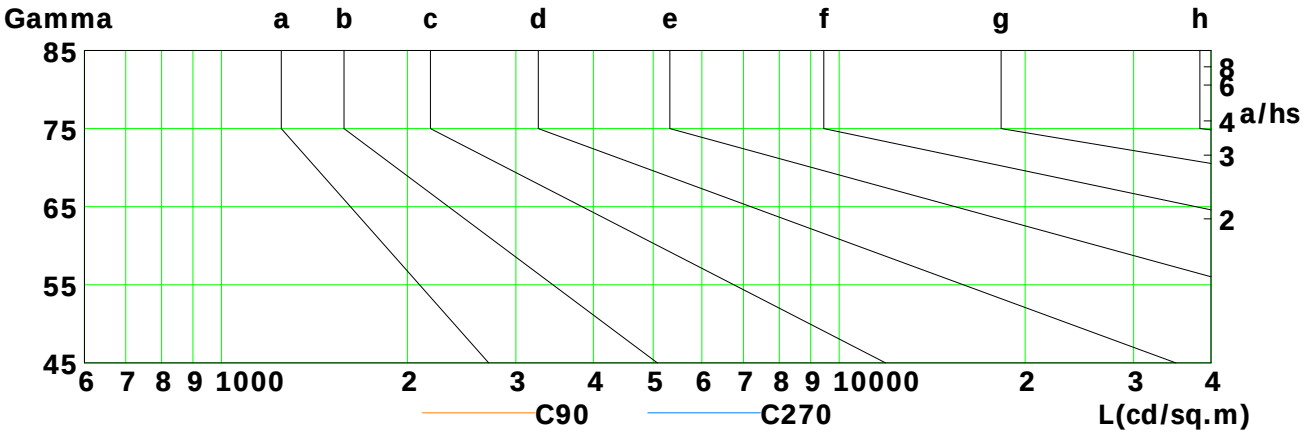
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.2 lx

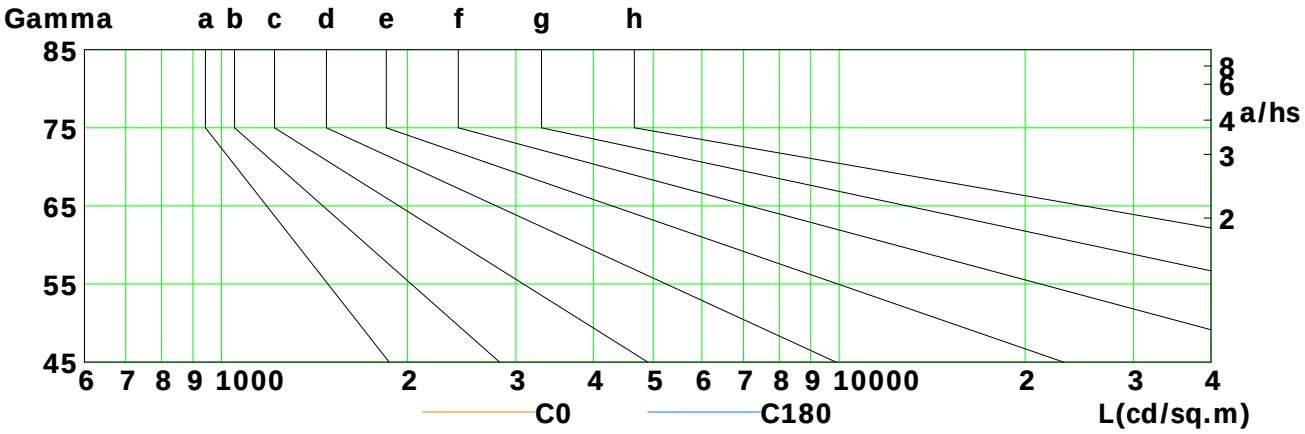
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



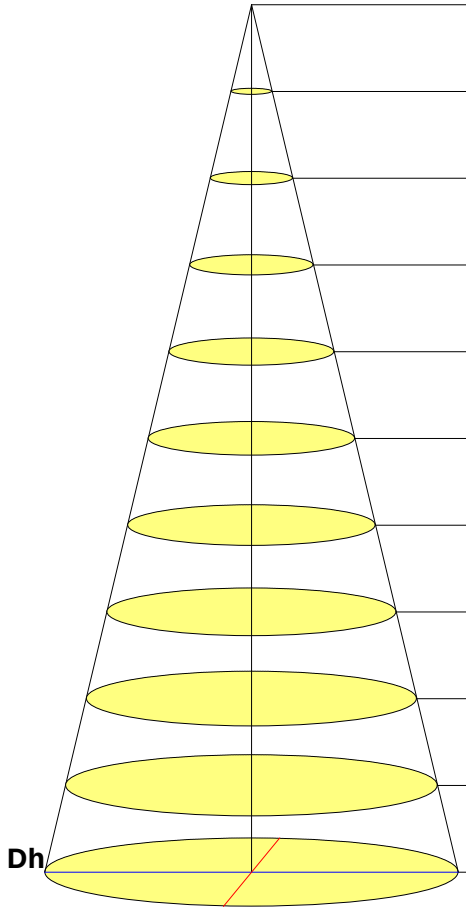


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	162	144	126	108	91	71	57	37	21
C90	451	448	444	438	437	432	431	431	506
C180	160	140	121	102	87	69	51	36	17
C270	392	376	371	353	344	330	297	272	272

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



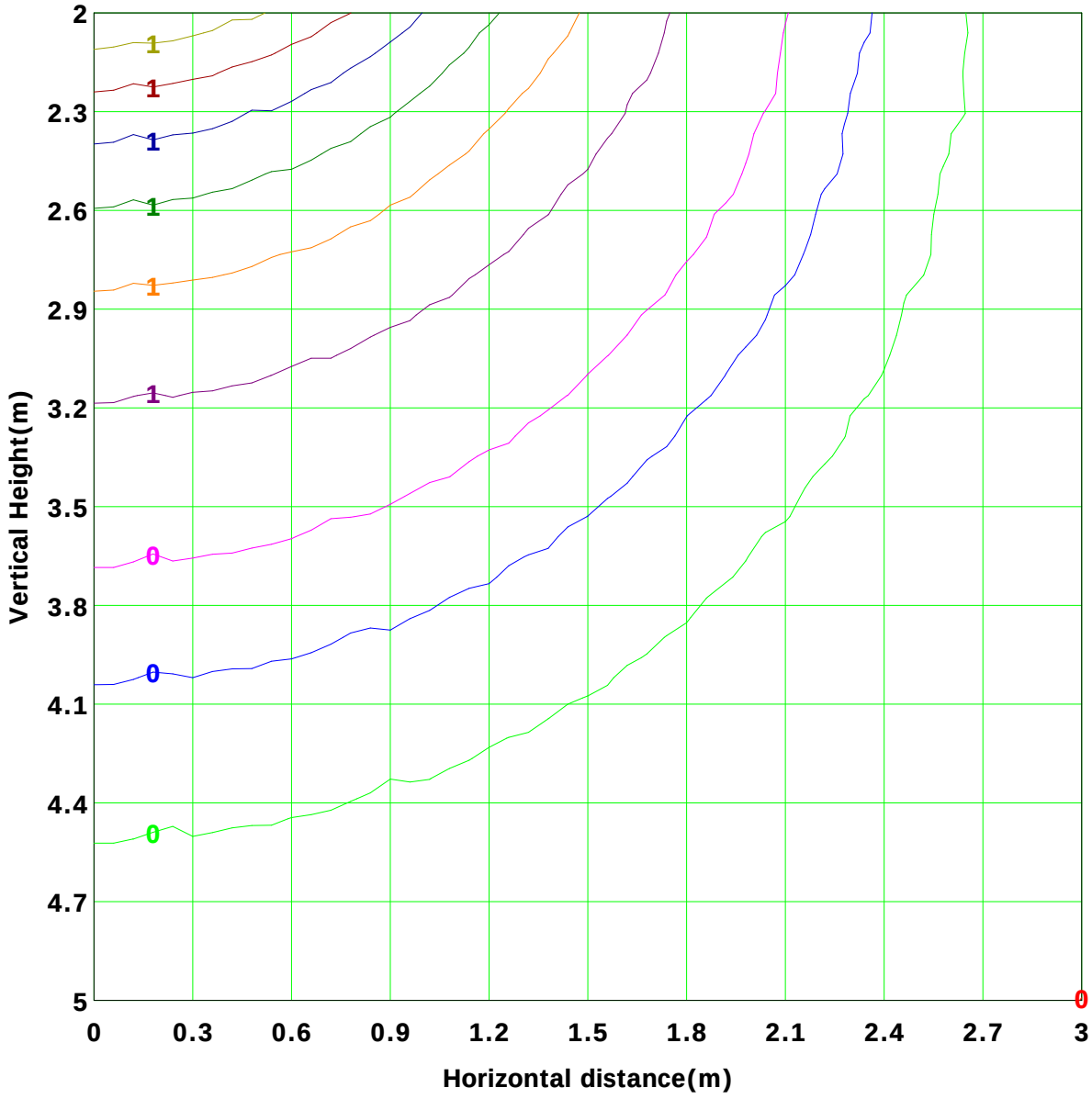
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	5.58	2.97/2.97	7.0	0.91
2.0	1.39	5.94/5.95	27.8	0.23
3.0	0.62	8.92/8.92	62.6	0.10
4.0	0.35	11.89/11.90	111.3	0.06
5.0	0.22	14.86/14.87	174.0	0.04
6.0	0.16	17.83/17.85	250.5	0.03
7.0	0.11	20.80/20.82	341.0	0.02
8.0	0.09	23.78/23.80	445.4	0.01
9.0	0.07	26.75/26.77	563.7	0.01
10.0	0.06	29.72/29.75	695.9	0.01

Beam Angle(B): H112.1 V112.2 Field Angle(F): H165.4 V168.4

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: 1.4 lx

(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.3 lx	(30%): 0.4 lx
(40%): 0.6 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 1.0 lx
(80%): 1.1 lx	(90%): 1.3 lx

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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Area Flux Table

Unit: lm

Vertical plane

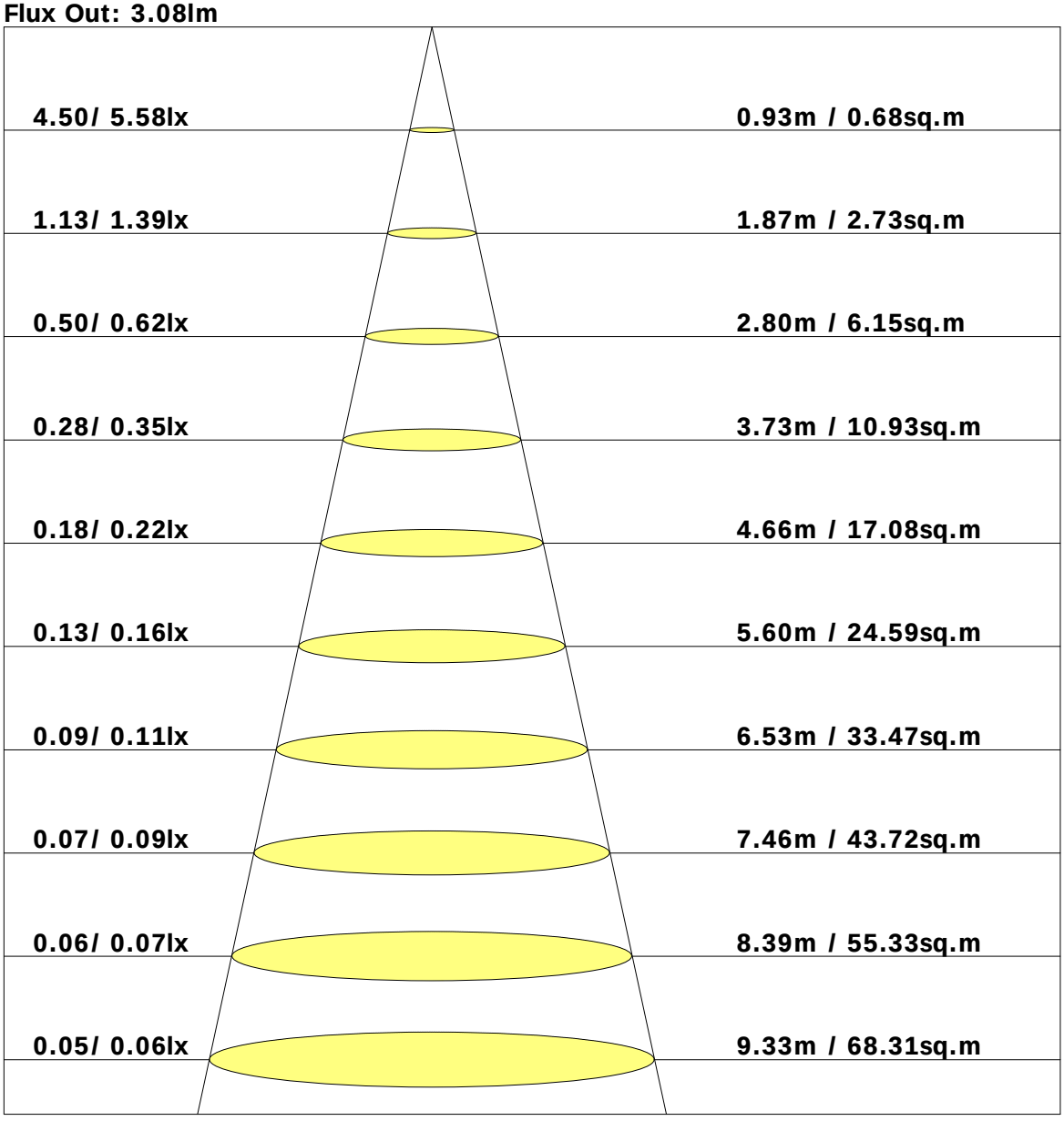
Horizontal plane	Flux(E)	Flux(T)	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-70	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-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	
-50	0.9	0.9	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	
-40	1.2	1.2	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	
-30	1.5	1.5	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	0.0	0.0	0.0	
-20	1.7	1.7	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
-10	1.8	1.8	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
0	1.8	1.8	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
10	1.7	1.7	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
20	1.5	1.5	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	0.0	0.0	0.0	
30	1.2	1.2	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	
40	0.8	0.9	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	
50	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60	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	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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)		16	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.4	1.5	1.4	1.4	1.3	1.1	0.9	0.7	0.5	0.3	0.1	
Flux(E)	16		0.1	0.4	0.6	0.8	1.0	1.2	1.3	1.4	1.5	1.4	1.4	1.2	1.1	0.9	0.7	0.5	0.2	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: 3.08lm



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	21.0	22.6	21.4	23.0	23.3	19.4	21.0	19.8	21.3	21.7
3H	23.0	24.5	23.4	24.8	25.2	20.9	22.4	21.3	22.8	23.2
4H	23.8	25.2	24.2	25.6	26.0	21.4	22.8	21.9	23.2	23.6
6H	24.4	25.7	24.9	26.1	26.6	21.8	23.1	22.3	23.5	24.0
8H	24.7	25.9	25.1	26.3	26.8	22.0	23.2	22.4	23.6	24.1
12H	24.9	26.1	25.3	26.5	27.0	22.1	23.2	22.5	23.7	24.1
X=4H Y=2H	21.3	22.6	21.7	23.0	23.4	20.0	21.4	20.5	21.8	22.2
3H	23.4	24.6	23.9	25.0	25.5	21.8	23.0	22.2	23.4	23.8
4H	24.3	25.3	24.7	25.8	26.3	22.4	23.5	22.9	24.0	24.4
6H	25.0	25.9	25.5	26.4	26.9	23.0	23.9	23.4	24.4	24.9
8H	25.3	26.2	25.8	26.6	27.2	23.1	24.0	23.6	24.5	25.0
12H	25.5	26.3	26.0	26.8	27.3	23.3	24.0	23.8	24.5	25.1
X=8H Y=4H	24.4	25.2	24.9	25.7	26.2	22.8	23.6	23.3	24.1	24.6
6H	25.1	25.9	25.7	26.4	26.9	23.4	24.1	23.9	24.6	25.2
8H	25.5	26.1	26.0	26.7	27.2	23.6	24.3	24.2	24.8	25.3
12H	25.8	26.3	26.3	26.9	27.5	23.8	24.4	24.4	24.9	25.5
X=12H Y=4H	24.4	25.1	24.9	25.7	26.2	22.8	23.6	23.3	24.1	24.6
6H	25.2	25.8	25.7	26.3	26.9	23.5	24.1	24.0	24.6	25.2
8H	25.5	26.1	26.0	26.6	27.2	23.7	24.3	24.3	24.8	25.4

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 = 1.25								
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	0.91	0.94	0.99	1.02
	0.30		0.47	0.57	0.65	0.71	0.79	0.85	0.89	0.94	0.98
	0.20		0.41	0.52	0.59	0.65	0.74	0.80	0.84	0.90	0.95
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	0.86	0.91	0.94
	0.20		0.41	0.51	0.58	0.64	0.72	0.78	0.82	0.88	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	0.83	0.87	0.91
	0.20		0.41	0.50	0.57	0.63	0.70	0.76	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

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	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		0.73	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		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.25	0.20
	0.20		0.71	0.61	0.54	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	0.18	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

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	0.18	0.20	0.20	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	0.15	0.17	0.18
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.22	0.23
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	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	0.19
	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

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	5.5	0.0	0.0	0.03	0.03
1.0-2.0	5.5	0.0	0.0	0.10	0.13
2.0-3.0	5.5	0.0	0.0	0.16	0.29
3.0-4.0	5.5	0.0	0.1	0.22	0.51
4.0-5.0	5.5	0.0	0.1	0.29	0.80
5.0-6.0	5.5	0.1	0.2	0.35	1.15
6.0-7.0	5.5	0.1	0.3	0.41	1.57
7.0-8.0	5.5	0.1	0.3	0.48	2.04
8.0-9.0	5.5	0.1	0.4	0.54	2.58
9.0-10.0	5.5	0.1	0.5	0.60	3.18
10.0-11.0	5.4	0.1	0.6	0.66	3.84
11.0-12.0	5.4	0.1	0.8	0.71	4.55
12.0-13.0	5.4	0.1	0.9	0.77	5.33
13.0-14.0	5.4	0.1	1.0	0.83	6.16
14.0-15.0	5.3	0.1	1.2	0.89	7.05
15.0-16.0	5.3	0.2	1.3	0.94	7.99
16.0-17.0	5.3	0.2	1.5	0.99	8.98
17.0-18.0	5.2	0.2	1.7	1.05	10.03
18.0-19.0	5.2	0.2	1.8	1.10	11.13
19.0-20.0	5.2	0.2	2.0	1.15	12.27
20.0-21.0	5.1	0.2	2.2	1.19	13.47
21.0-22.0	5.1	0.2	2.4	1.24	14.70
22.0-23.0	5.0	0.2	2.6	1.28	15.98
23.0-24.0	5.0	0.2	2.9	1.32	17.31
24.0-25.0	4.9	0.2	3.1	1.36	18.67
25.0-26.0	4.9	0.2	3.3	1.40	20.07
26.0-27.0	4.8	0.2	3.5	1.44	21.51
27.0-28.0	4.8	0.2	3.8	1.47	22.98
28.0-29.0	4.7	0.2	4.0	1.50	24.48
29.0-30.0	4.7	0.3	4.3	1.53	26.01
30.0-31.0	4.6	0.3	4.5	1.56	27.57
31.0-32.0	4.6	0.3	4.8	1.59	29.16
32.0-33.0	4.5	0.3	5.1	1.61	30.77
33.0-34.0	4.4	0.3	5.3	1.63	32.41
34.0-35.0	4.4	0.3	5.6	1.65	34.06
35.0-36.0	4.3	0.3	5.9	1.67	35.73

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	4.2	0.3	6.2	1.68	37.41
37.0-38.0	4.2	0.3	6.4	1.70	39.10
38.0-39.0	4.1	0.3	6.7	1.71	40.81
39.0-40.0	4.1	0.3	7.0	1.72	42.53
40.0-41.0	4.0	0.3	7.3	1.72	44.25
41.0-42.0	3.9	0.3	7.6	1.72	45.97
42.0-43.0	3.8	0.3	7.9	1.73	47.70
43.0-44.0	3.8	0.3	8.1	1.72	49.42
44.0-45.0	3.7	0.3	8.4	1.72	51.13
45.0-46.0	3.6	0.3	8.7	1.72	52.85
46.0-47.0	3.5	0.3	9.0	1.71	54.56
47.0-48.0	3.5	0.3	9.3	1.70	56.26
48.0-49.0	3.4	0.3	9.5	1.68	57.94
49.0-50.0	3.3	0.3	9.8	1.67	59.60
50.0-51.0	3.2	0.3	10.1	1.65	61.26
51.0-52.0	3.1	0.3	10.4	1.64	62.89
52.0-53.0	3.1	0.3	10.6	1.61	64.51
53.0-54.0	3.0	0.3	10.9	1.60	66.10
54.0-55.0	2.9	0.3	11.1	1.58	67.68
55.0-56.0	2.8	0.3	11.4	1.55	69.23
56.0-57.0	2.7	0.3	11.7	1.52	70.76
57.0-58.0	2.7	0.2	11.9	1.49	72.25
58.0-59.0	2.6	0.2	12.1	1.46	73.71
59.0-60.0	2.5	0.2	12.4	1.42	75.13
60.0-61.0	2.4	0.2	12.6	1.40	76.52
61.0-62.0	2.3	0.2	12.8	1.37	77.89
62.0-63.0	2.2	0.2	13.0	1.33	79.22
63.0-64.0	2.1	0.2	13.3	1.28	80.50
64.0-65.0	2.1	0.2	13.5	1.24	81.74
65.0-66.0	2.0	0.2	13.7	1.20	82.94
66.0-67.0	1.9	0.2	13.9	1.16	84.10
67.0-68.0	1.8	0.2	14.0	1.12	85.22
68.0-69.0	1.7	0.2	14.2	1.07	86.29
69.0-70.0	1.7	0.2	14.4	1.04	87.33
70.0-71.0	1.6	0.2	14.5	0.99	88.32
71.0-72.0	1.5	0.2	14.7	0.93	89.25

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	1.4	0.1	14.9	0.90	90.15
73.0-74.0	1.3	0.1	15.0	0.85	90.99
74.0-75.0	1.2	0.1	15.1	0.79	91.78
75.0-76.0	1.2	0.1	15.2	0.75	92.53
76.0-77.0	1.1	0.1	15.4	0.69	93.22
77.0-78.0	1.0	0.1	15.5	0.64	93.86
78.0-79.0	0.9	0.1	15.6	0.60	94.46
79.0-80.0	0.8	0.1	15.7	0.55	95.01
80.0-81.0	0.8	0.1	15.7	0.50	95.51
81.0-82.0	0.7	0.1	15.8	0.45	95.96
82.0-83.0	0.6	0.1	15.9	0.40	96.36
83.0-84.0	0.5	0.1	15.9	0.36	96.72
84.0-85.0	0.5	0.1	16.0	0.31	97.03
85.0-86.0	0.4	0.0	16.0	0.27	97.30
86.0-87.0	0.4	0.0	16.1	0.23	97.53
87.0-88.0	0.3	0.0	16.1	0.20	97.74
88.0-89.0	0.3	0.0	16.1	0.17	97.91
89.0-90.0	0.2	0.0	16.2	0.14	98.05
90.0-91.0	0.2	0.0	16.2	0.12	98.17
91.0-92.0	0.2	0.0	16.2	0.11	98.28
92.0-93.0	0.1	0.0	16.2	0.09	98.37
93.0-94.0	0.1	0.0	16.2	0.07	98.44
94.0-95.0	0.1	0.0	16.2	0.06	98.49
95.0-96.0	0.1	0.0	16.2	0.06	98.55
96.0-97.0	0.1	0.0	16.2	0.05	98.60
97.0-98.0	0.1	0.0	16.3	0.04	98.64
98.0-99.0	0.0	0.0	16.3	0.03	98.68
99.0-100.0	0.0	0.0	16.3	0.03	98.71
100.0-101.0	0.1	0.0	16.3	0.03	98.74
101.0-102.0	0.0	0.0	16.3	0.03	98.77
102.0-103.0	0.0	0.0	16.3	0.03	98.80
103.0-104.0	0.0	0.0	16.3	0.03	98.83
104.0-105.0	0.0	0.0	16.3	0.03	98.85
105.0-106.0	0.0	0.0	16.3	0.03	98.88
106.0-107.0	0.0	0.0	16.3	0.03	98.91
107.0-108.0	0.1	0.0	16.3	0.03	98.95

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	16.3	0.03	98.98
109.0-110.0	0.0	0.0	16.3	0.02	99.00
110.0-111.0	0.0	0.0	16.3	0.02	99.02
111.0-112.0	0.0	0.0	16.3	0.03	99.05
112.0-113.0	0.0	0.0	16.3	0.03	99.07
113.0-114.0	0.0	0.0	16.3	0.02	99.09
114.0-115.0	0.0	0.0	16.3	0.02	99.12
115.0-116.0	0.0	0.0	16.3	0.03	99.14
116.0-117.0	0.0	0.0	16.3	0.02	99.16
117.0-118.0	0.0	0.0	16.3	0.03	99.19
118.0-119.0	0.0	0.0	16.3	0.03	99.22
119.0-120.0	0.0	0.0	16.3	0.02	99.24
120.0-121.0	0.0	0.0	16.4	0.02	99.26
121.0-122.0	0.0	0.0	16.4	0.02	99.28
122.0-123.0	0.0	0.0	16.4	0.02	99.30
123.0-124.0	0.0	0.0	16.4	0.02	99.32
124.0-125.0	0.0	0.0	16.4	0.02	99.34
125.0-126.0	0.0	0.0	16.4	0.02	99.36
126.0-127.0	0.0	0.0	16.4	0.02	99.39
127.0-128.0	0.0	0.0	16.4	0.02	99.40
128.0-129.0	0.0	0.0	16.4	0.01	99.42
129.0-130.0	0.0	0.0	16.4	0.01	99.43
130.0-131.0	0.0	0.0	16.4	0.02	99.45
131.0-132.0	0.0	0.0	16.4	0.02	99.48
132.0-133.0	0.0	0.0	16.4	0.02	99.50
133.0-134.0	0.0	0.0	16.4	0.02	99.52
134.0-135.0	0.0	0.0	16.4	0.02	99.54
135.0-136.0	0.0	0.0	16.4	0.02	99.56
136.0-137.0	0.0	0.0	16.4	0.02	99.58
137.0-138.0	0.0	0.0	16.4	0.01	99.59
138.0-139.0	0.0	0.0	16.4	0.02	99.61
139.0-140.0	0.0	0.0	16.4	0.02	99.63
140.0-141.0	0.0	0.0	16.4	0.02	99.65
141.0-142.0	0.0	0.0	16.4	0.02	99.67
142.0-143.0	0.0	0.0	16.4	0.02	99.68
143.0-144.0	0.0	0.0	16.4	0.01	99.70

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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	16.4	0.01	99.71
145.0-146.0	0.0	0.0	16.4	0.02	99.73
146.0-147.0	0.0	0.0	16.4	0.02	99.74
147.0-148.0	0.0	0.0	16.4	0.01	99.76
148.0-149.0	0.0	0.0	16.4	0.01	99.77
149.0-150.0	0.0	0.0	16.4	0.01	99.78
150.0-151.0	0.0	0.0	16.4	0.01	99.79
151.0-152.0	0.0	0.0	16.4	0.01	99.81
152.0-153.0	0.0	0.0	16.4	0.01	99.82
153.0-154.0	0.0	0.0	16.4	0.01	99.84
154.0-155.0	0.0	0.0	16.4	0.01	99.85
155.0-156.0	0.0	0.0	16.4	0.01	99.85
156.0-157.0	0.0	0.0	16.5	0.01	99.86
157.0-158.0	0.0	0.0	16.5	0.01	99.87
158.0-159.0	0.1	0.0	16.5	0.01	99.88
159.0-160.0	0.0	0.0	16.5	0.01	99.90
160.0-161.0	0.0	0.0	16.5	0.01	99.91
161.0-162.0	0.0	0.0	16.5	0.01	99.92
162.0-163.0	0.0	0.0	16.5	0.01	99.92
163.0-164.0	0.0	0.0	16.5	0.01	99.93
164.0-165.0	0.0	0.0	16.5	0.01	99.94
165.0-166.0	0.1	0.0	16.5	0.01	99.95
166.0-167.0	0.1	0.0	16.5	0.01	99.96
167.0-168.0	0.0	0.0	16.5	0.01	99.97
168.0-169.0	0.0	0.0	16.5	0.01	99.97
169.0-170.0	0.0	0.0	16.5	0.00	99.98
170.0-171.0	0.0	0.0	16.5	0.00	99.98
171.0-172.0	0.0	0.0	16.5	0.00	99.98
172.0-173.0	0.0	0.0	16.5	0.00	99.99
173.0-174.0	0.0	0.0	16.5	0.00	99.99
174.0-175.0	0.0	0.0	16.5	0.00	99.99
175.0-176.0	0.0	0.0	16.5	0.00	100.00
176.0-177.0	0.0	0.0	16.5	0.00	100.00
177.0-178.0	0.0	0.0	16.5	0.00	100.00
178.0-179.0	0.0	0.0	16.5	0.00	100.00
179.0-180.0	0.0	0.0	16.5	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: