GENLED Brands
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Report No.: 20221130 **Test Time: 2022/12/1 12:21**

Luminaire Property

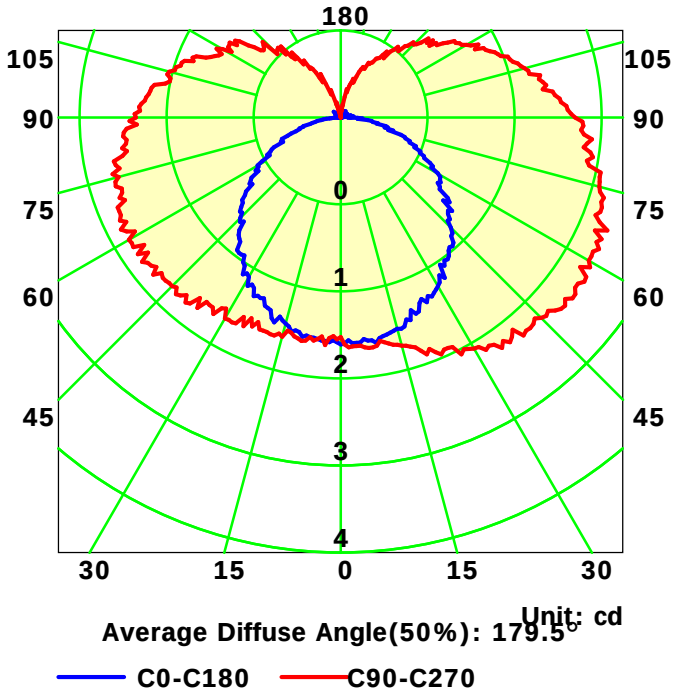
Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Contour Plus
Luminaire Description: Neon Contour Plus RGBW-Blue only
Lamp Catalog: NLCP4.5RGB30-Blue only **Number of Lamps: 1**
Luminous Length (mm): 1000 **Luminous Width (mm): 10**
Luminous Height (mm): 25 **Voltage: 24.0 V**
Current: 0.131 A **Power: 3.15 W**
Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct **Total Rated Lamp Lumens: 16.0 lm**
Measurement Flux: 16 lm **Efficiency: 100%**
Downward Ratio: 70% **Upward Ratio: 30%**
Horizontal Diffuse Angle(10%,50%): H165.7,H112.2
Vertical Diffuse Angle(10%,50%): V325.8,V246.8
Luminaire Efficacy Rating (LER): 5 **Central Intensity: 2.17 cd**
Max. Intensity: 2.81 cd **Pos of Max. Intensity: H90 V52**

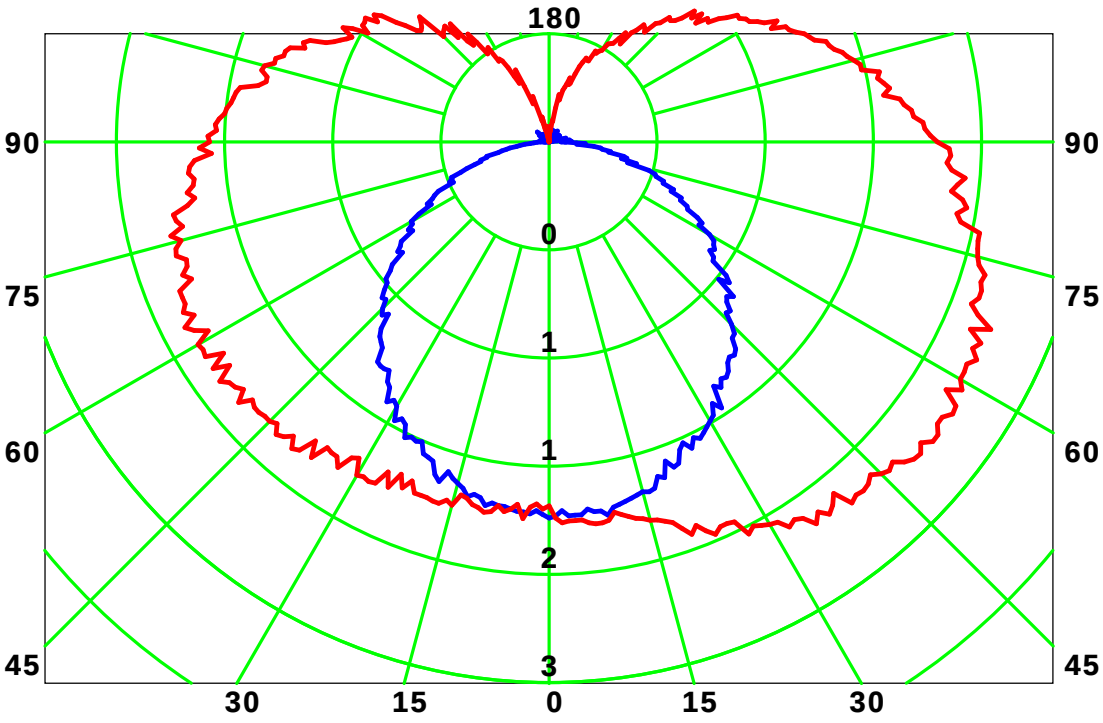
Picture Of Luminaire

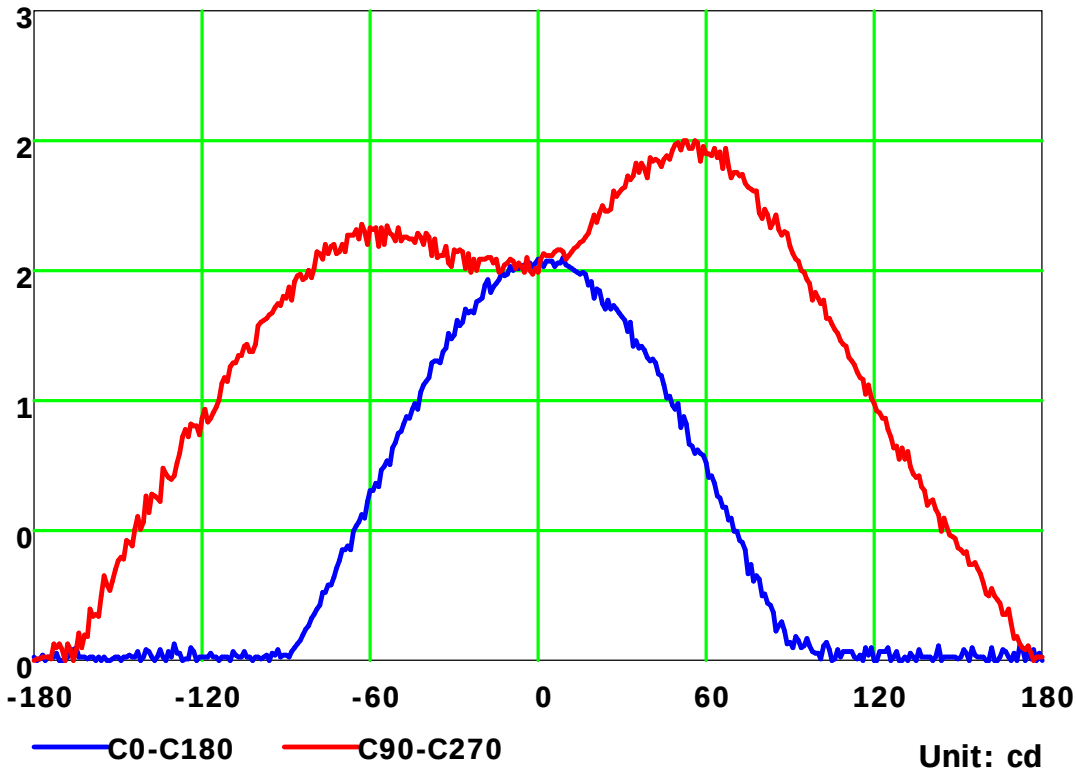
Luminous Intensity Distribution Curve



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

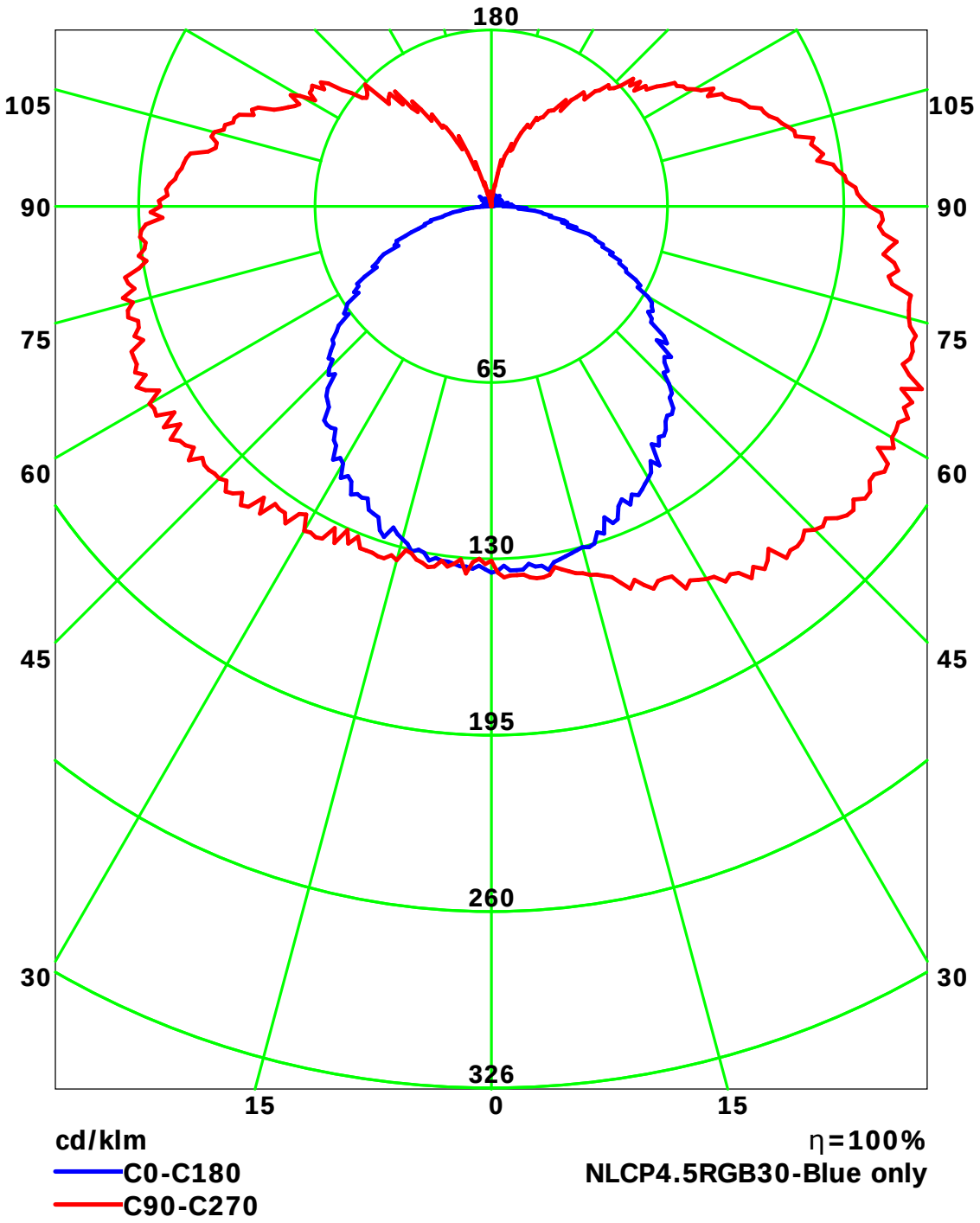




C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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:
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Temperature: 25
Operator: Jacky

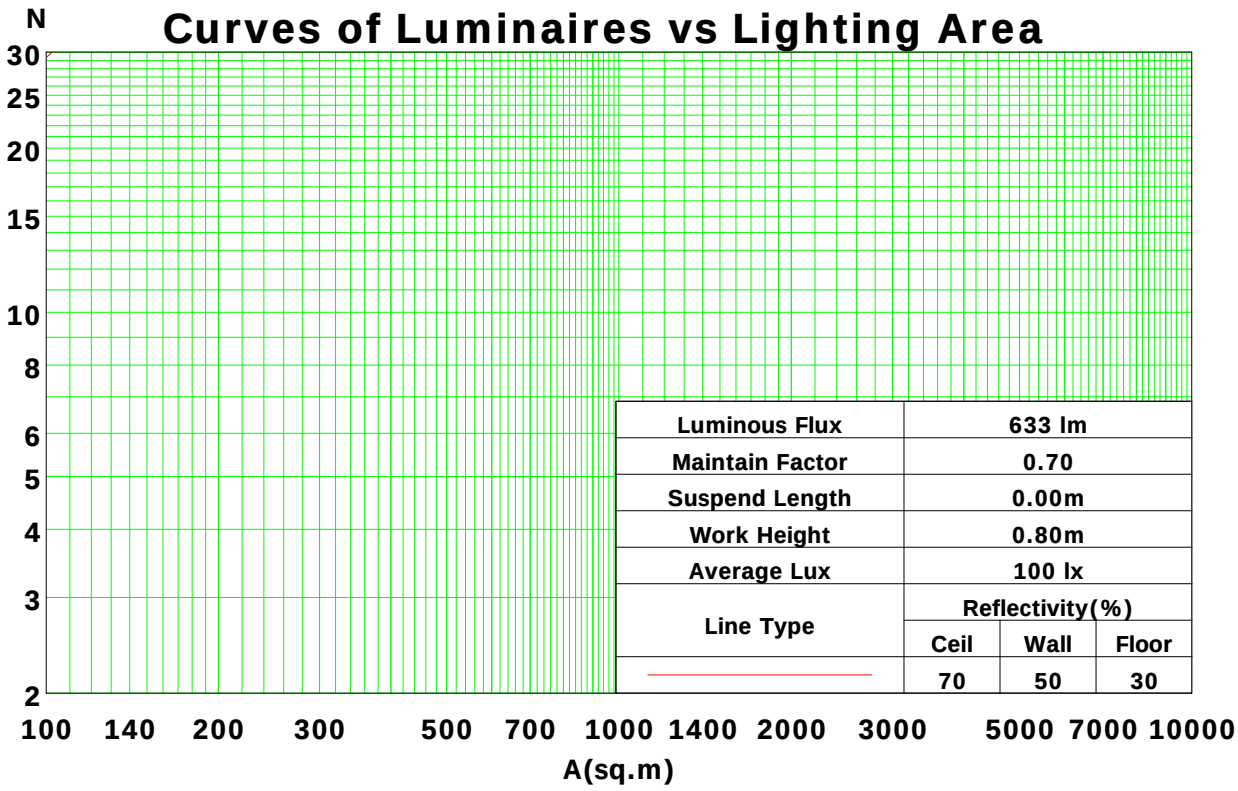
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	84	84	84	75	75	75	70
1	98	91	86	80	92	86	81	76	76	72	68	67	64	61	59	56	54	50
2	87	77	69	62	82	73	65	59	64	58	53	56	52	47	49	45	42	38
3	79	66	57	50	73	63	54	47	55	48	43	48	43	38	42	38	34	30
4	71	58	48	41	67	55	46	39	48	41	35	42	36	32	37	32	28	25
5	65	51	41	34	61	48	39	33	43	35	30	38	31	27	33	28	24	21
6	60	46	36	29	56	43	34	28	38	31	25	34	28	23	29	24	20	18
7	55	41	32	25	52	39	30	24	34	27	22	30	24	20	27	22	18	15
8	51	37	28	22	48	35	27	21	31	24	19	28	22	17	24	19	16	13
9	48	34	25	20	45	32	24	19	29	22	17	25	20	16	22	18	14	12
10	44	31	23	17	42	29	22	17	26	20	15	23	18	14	21	16	13	11

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.76
Spacing Criteria (Diagonal): 1.67

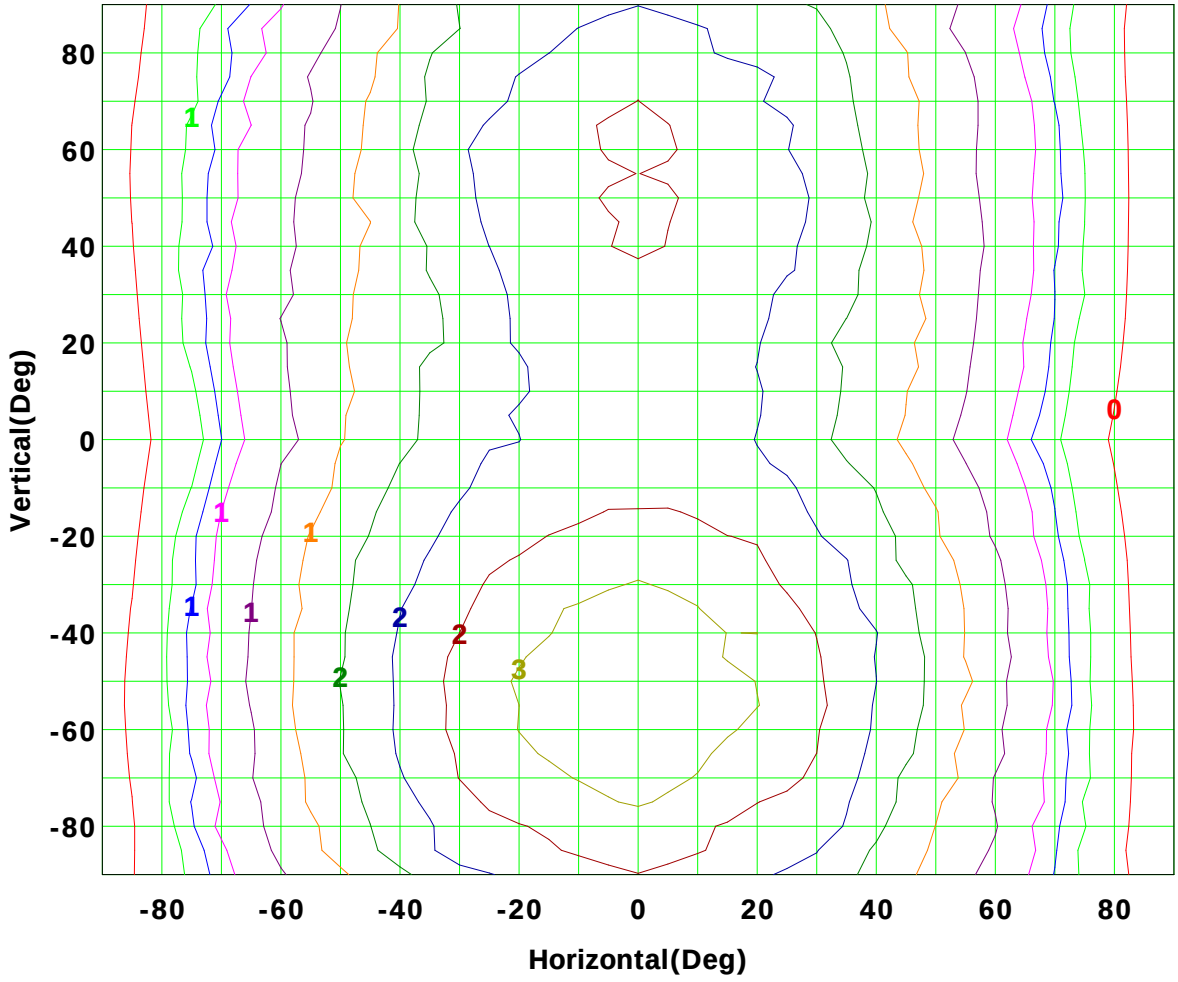
Curves of Luminaires vs Lighting Area



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)



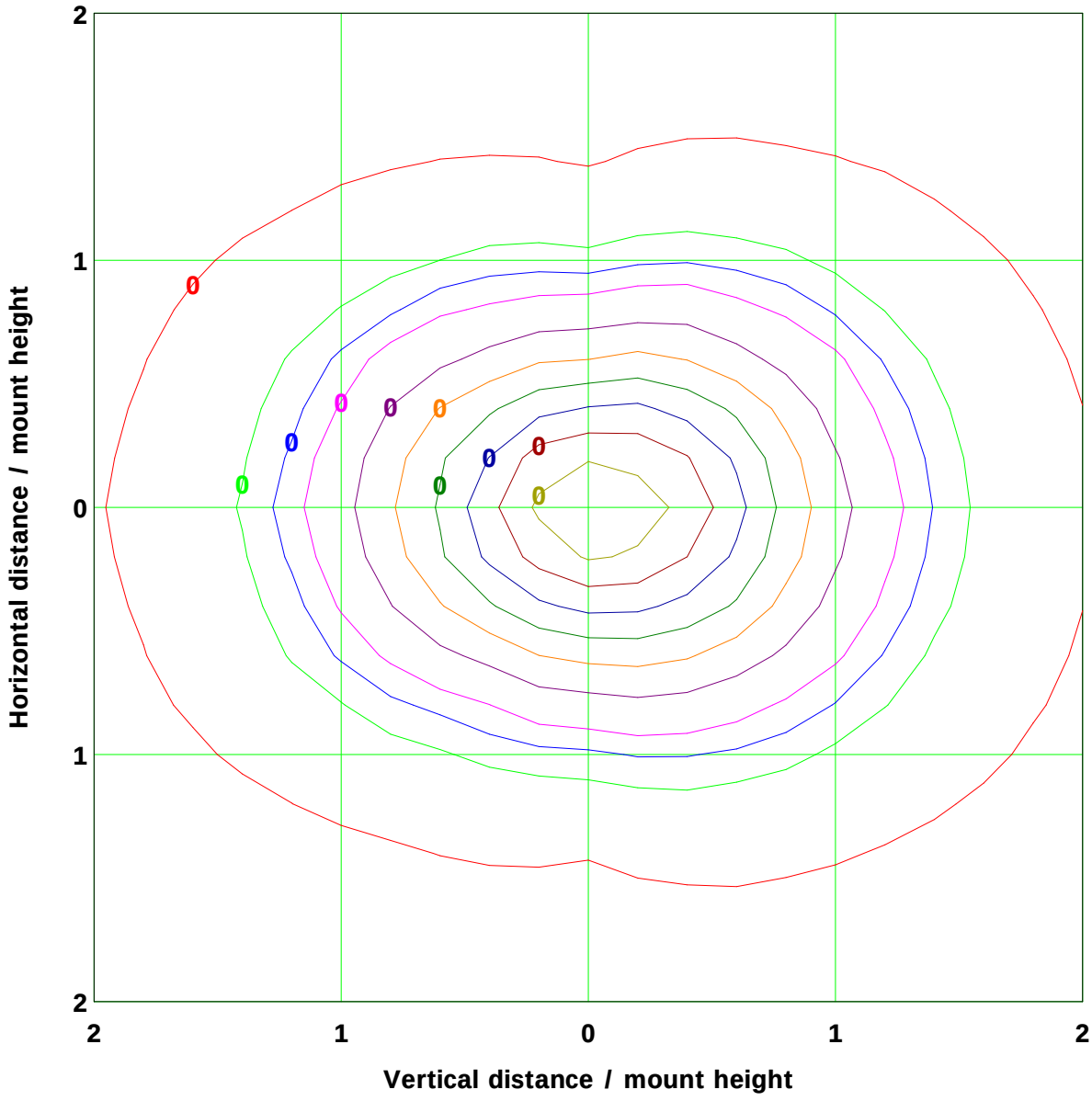
Imax (100%): 3 cd

(10%):	0 cd	(20%):	1 cd
(25%):	1 cd	(30%):	1 cd
(40%):	1 cd	(50%):	1 cd
(60%):	2 cd	(70%):	2 cd
(80%):	2 cd	(90%):	3 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%): 0.1 lx

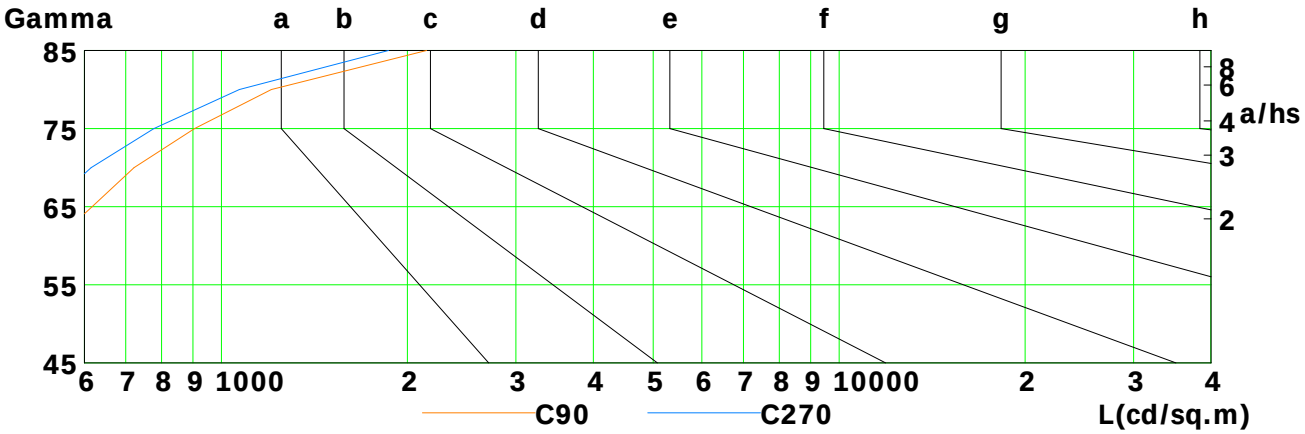
(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.0 lx
(40%): 0.0 lx	(50%): 0.0 lx
(60%): 0.1 lx	(70%): 0.1 lx
(80%): 0.1 lx	(90%): 0.1 lx

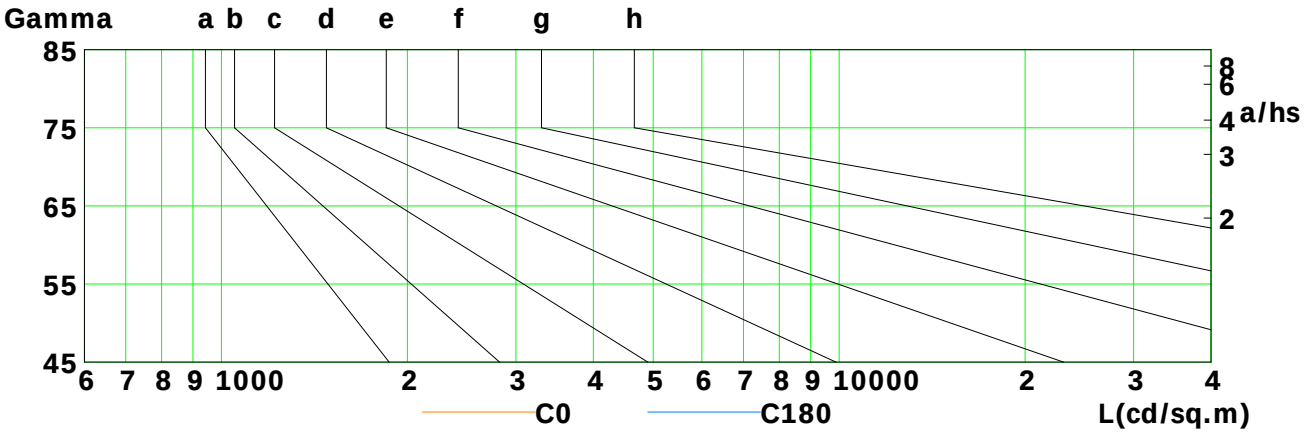
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



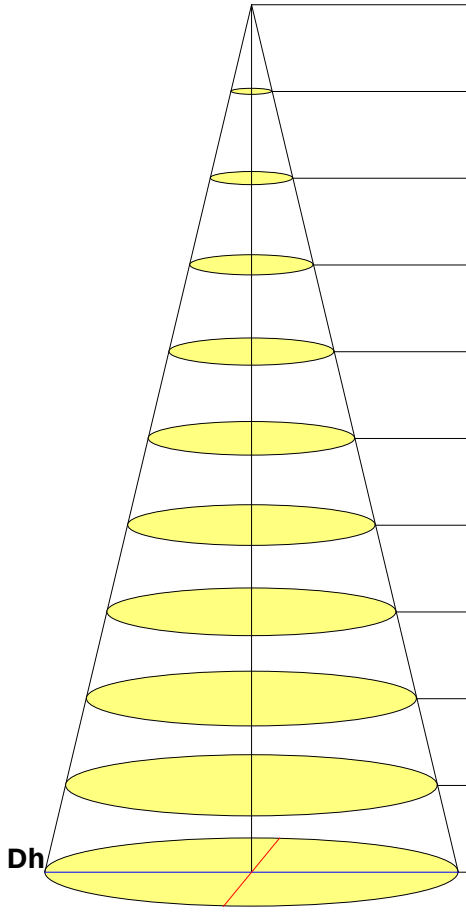


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	60	54	44	40	33	26	18	13	6
C90	374	423	466	525	618	722	905	1205	2151
C180	55	48	40	35	27	22	15	9	4
C270	315	354	379	449	523	616	777	1069	1865

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



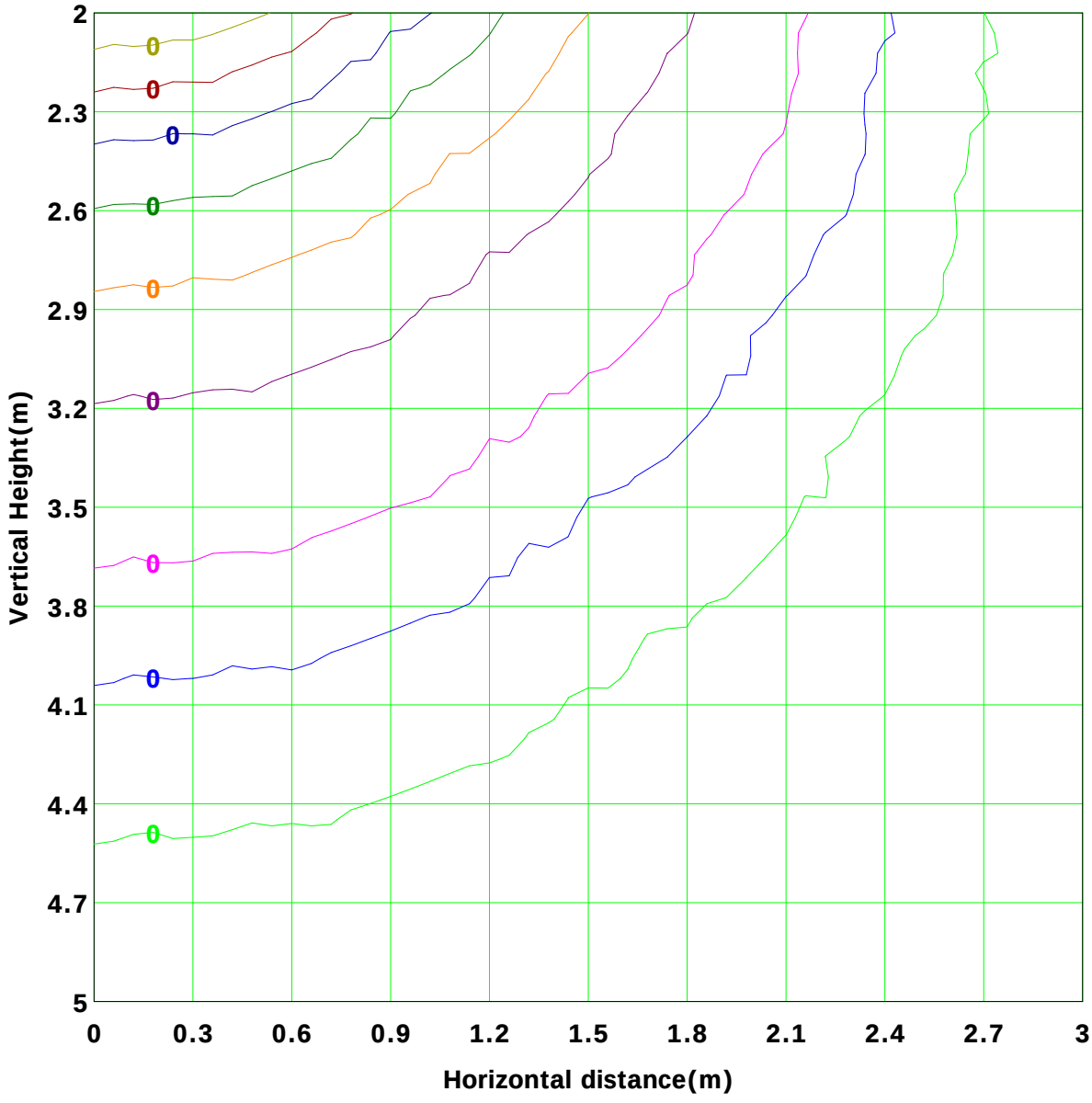
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	2.17	2.98/NA	NA	NA
2.0	0.54	5.96/NA	NA	NA
3.0	0.24	8.93/NA	NA	NA
4.0	0.14	11.91/NA	NA	NA
5.0	0.09	14.89/NA	NA	NA
6.0	0.06	17.87/NA	NA	NA
7.0	0.04	20.84/NA	NA	NA
8.0	0.03	23.82/NA	NA	NA
9.0	0.03	26.80/NA	NA	NA
10.0	0.02	29.78/NA	NA	NA

Beam Angle(B): H112.2 V246.8 Field Angle(F): H165.7 V325.8

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: 0.5 lx

(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.2 lx
(40%): 0.2 lx	(50%): 0.3 lx
(60%): 0.3 lx	(70%): 0.4 lx
(80%): 0.4 lx	(90%): 0.5 lx

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Area Flux Table

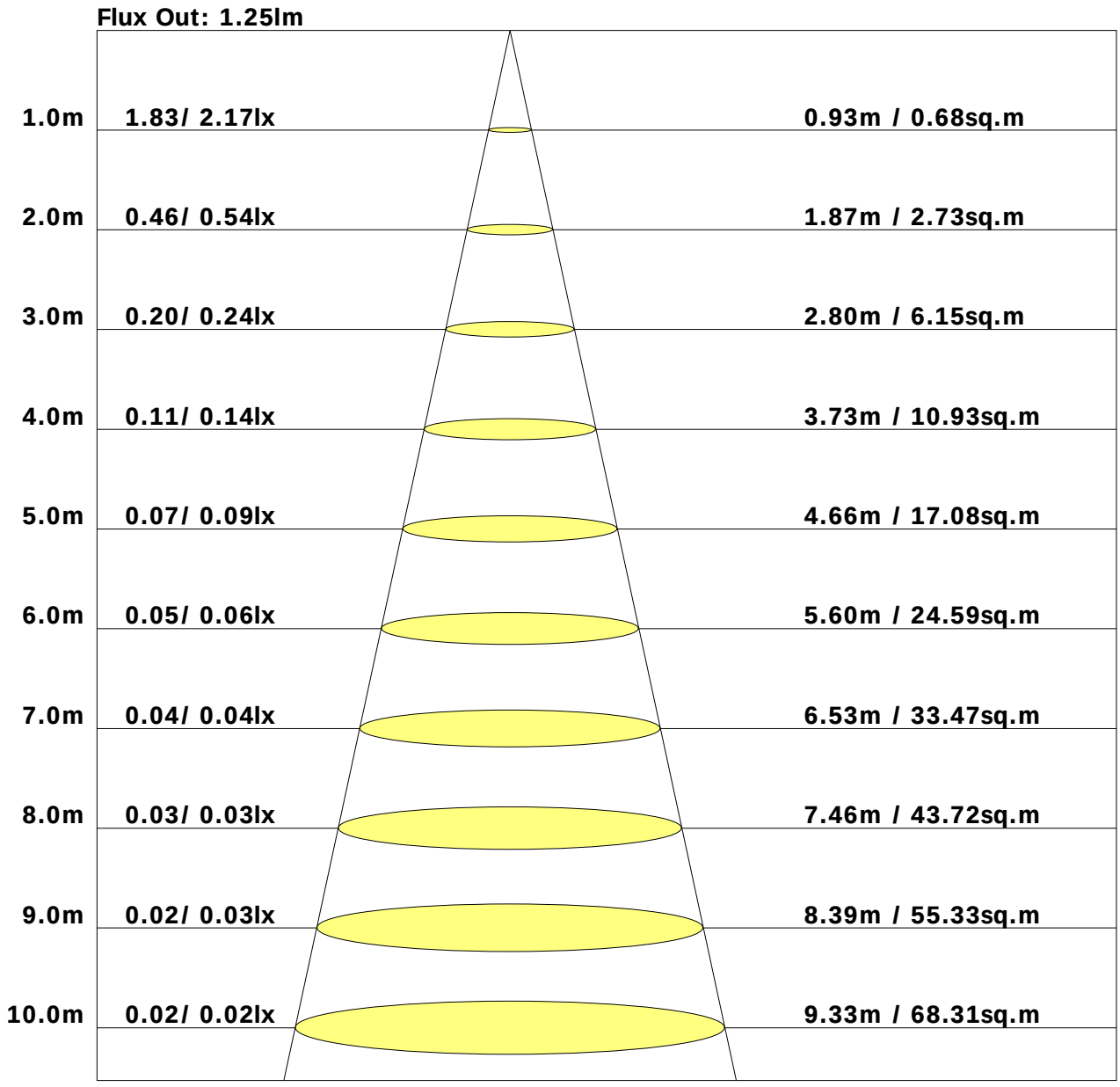
Unit: lm

Vertical plane \ Horizontal plane	-90/-80	-80/-70	-70/-60	-60/-50	-50/-40	-40/-30	-30/-20	-20/-10	-10/0	0/10	10/20	20/30	30/40	40/50	50/60	60/70	70/80	80/90	Flux(T)	Flux(E)
-90/-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
-80/-70	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	0.0	0.6	0.6
-70/-60	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	0.0	0.6	0.6
-60/-50	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	0.0	0.6	0.6
-50/-40	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	0.0	0.6	0.6
-40/-30	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	0.0	0.6	0.6
-30/-20	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	0.0	0.6	0.6
-20/-10	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	0.0	0.6	0.6
-10/0	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	0.0	0.6	0.6
0/10	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	0.0	0.6	0.6
10/20	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	0.0	0.6	0.6
20/30	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	0.0	0.7	0.7
30/40	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	0.0	0.0	0.0	0.0	0.0	0.7	0.7
40/50	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	0.0	0.0	0.0	0.0	0.0	0.7	0.7
50/60	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	0.0	0.0	0.0	0.0	0.0	0.7	0.7
60/70	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	0.0	0.0	0.0	0.0	0.0	0.7	0.7
70/80	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	0.0	0.0	0.0	0.0	0.0	0.7	0.7
80/90	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	0.0	0.6	0.6
Flux(T)	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.6	0.4	0.2	0.1	0.0	11	
Flux(E)	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.6	0.4	0.2	0.1	0.0		11

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



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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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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	15.8	17.0	16.5	17.8	18.7	17.4	18.7	18.2	19.5	20.4
3H	17.9	19.1	18.7	19.9	20.8	20.0	21.2	20.8	21.9	22.9
4H	18.8	19.9	19.6	20.7	21.7	21.3	22.3	22.0	23.1	24.1
6H	19.6	20.6	20.4	21.4	22.4	22.4	23.5	23.2	24.3	25.3
8H	19.9	20.9	20.7	21.7	22.7	23.0	24.0	23.8	24.8	25.8
12H	20.2	21.1	21.0	21.9	23.0	23.5	24.5	24.3	25.3	26.3
X=4H Y=2H	16.6	17.7	17.4	18.5	19.5	18.1	19.1	18.8	19.9	20.9
3H	19.0	20.0	19.8	20.8	21.8	20.9	21.9	21.7	22.7	23.7
4H	20.1	20.9	20.8	21.8	22.8	22.4	23.2	23.1	24.1	25.1
6H	21.0	21.8	21.8	22.6	23.6	23.7	24.5	24.5	25.3	26.4
8H	21.4	22.1	22.2	23.0	24.0	24.4	25.1	25.2	26.0	27.0
12H	21.7	22.4	22.6	23.3	24.3	25.0	25.7	25.8	26.6	27.6
X=8H Y=4H	20.7	21.5	21.6	22.3	23.4	22.7	23.5	23.5	24.3	25.4
6H	21.9	22.6	22.8	23.4	24.5	24.3	25.0	25.2	25.9	26.9
8H	22.5	23.1	23.3	23.9	25.0	25.2	25.7	26.0	26.6	27.7
12H	22.9	23.5	23.8	24.3	25.4	26.0	26.5	26.8	27.4	28.5
X=12H Y=4H	20.9	21.6	21.8	22.5	23.5	22.8	23.5	23.6	24.3	25.4
6H	22.2	22.8	23.1	23.6	24.7	24.5	25.0	25.3	25.9	27.0
8H	22.9	23.4	23.7	24.3	25.4	25.4	25.9	26.2	26.8	27.9

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	0.72	0.78	0.82
	0.20		NA	0.37	0.43	0.49	0.57	0.62	0.67	0.73	0.78
0.50	0.50	0.20	NA	0.46	0.52	0.56	0.62	0.67	0.70	0.74	0.77
	0.30		NA	0.39	0.45	0.50	0.56	0.61	0.65	0.70	0.73
	0.20		NA	0.35	0.40	0.44	0.51	0.56	0.60	0.66	0.70
0.30	0.50	0.20	NA	0.41	0.46	0.50	0.55	0.59	0.62	0.66	0.68
	0.30		NA	0.35	0.41	0.44	0.50	0.55	0.58	0.62	0.65
	0.20		NA	0.31	0.36	0.40	0.46	0.51	0.54	0.59	0.62
0.00	0.00	0.00	NA	0.25	0.29	0.33	0.38	0.41	0.44	0.48	0.51

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	0.66	0.60	0.55	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.63	0.53	0.47	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.37	0.31	0.26
	0.20		NA	0.62	0.56	0.51	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.57	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.34	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.23
0.00	0.00	0.00	0.70	0.45	0.41	0.38	0.32	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	0.47	0.48	0.48	0.49	0.50	0.50	0.50	0.51
	0.30		NA	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47
	0.20		NA	0.35	0.36	0.37	0.39	0.40	0.41	0.43	0.44
0.50	0.50	0.20	NA	0.45	0.46	0.47	0.47	0.48	0.48	0.48	0.48
	0.30		NA	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.45
	0.20		NA	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.42
0.30	0.50	0.20	NA	0.44	0.44	0.45	0.45	0.46	0.46	0.46	0.46
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.42	0.43	0.44
	0.20		NA	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41
0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

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	2.1	0.0	0.0	0.01	0.01
1.0-2.0	2.1	0.0	0.0	0.04	0.05
2.0-3.0	2.1	0.0	0.0	0.06	0.12
3.0-4.0	2.2	0.0	0.0	0.09	0.21
4.0-5.0	2.1	0.0	0.1	0.12	0.32
5.0-6.0	2.1	0.0	0.1	0.14	0.46
6.0-7.0	2.1	0.0	0.1	0.17	0.63
7.0-8.0	2.1	0.0	0.1	0.19	0.82
8.0-9.0	2.1	0.0	0.2	0.22	1.04
9.0-10.0	2.1	0.0	0.2	0.24	1.28
10.0-11.0	2.1	0.0	0.2	0.27	1.54
11.0-12.0	2.1	0.0	0.3	0.29	1.84
12.0-13.0	2.1	0.1	0.3	0.32	2.15
13.0-14.0	2.1	0.1	0.4	0.34	2.49
14.0-15.0	2.1	0.1	0.5	0.37	2.86
15.0-16.0	2.1	0.1	0.5	0.39	3.25
16.0-17.0	2.1	0.1	0.6	0.41	3.66
17.0-18.0	2.1	0.1	0.7	0.44	4.10
18.0-19.0	2.1	0.1	0.7	0.46	4.56
19.0-20.0	2.1	0.1	0.8	0.48	5.05
20.0-21.0	2.1	0.1	0.9	0.51	5.55
21.0-22.0	2.1	0.1	1.0	0.53	6.08
22.0-23.0	2.1	0.1	1.1	0.55	6.64
23.0-24.0	2.1	0.1	1.2	0.58	7.21
24.0-25.0	2.1	0.1	1.3	0.60	7.81
25.0-26.0	2.1	0.1	1.3	0.62	8.43
26.0-27.0	2.1	0.1	1.5	0.64	9.07
27.0-28.0	2.1	0.1	1.6	0.67	9.74
28.0-29.0	2.1	0.1	1.7	0.69	10.43
29.0-30.0	2.1	0.1	1.8	0.71	11.13
30.0-31.0	2.1	0.1	1.9	0.73	11.86
31.0-32.0	2.1	0.1	2.0	0.75	12.60
32.0-33.0	2.1	0.1	2.1	0.77	13.37
33.0-34.0	2.1	0.1	2.3	0.79	14.16
34.0-35.0	2.1	0.1	2.4	0.80	14.97
35.0-36.0	2.1	0.1	2.5	0.82	15.79

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	2.1	0.1	2.7	0.84	16.63
37.0-38.0	2.1	0.1	2.8	0.86	17.49
38.0-39.0	2.0	0.1	2.9	0.87	18.36
39.0-40.0	2.0	0.1	3.1	0.89	19.25
40.0-41.0	2.0	0.1	3.2	0.90	20.15
41.0-42.0	2.0	0.1	3.4	0.92	21.08
42.0-43.0	2.0	0.1	3.5	0.93	22.01
43.0-44.0	2.0	0.2	3.7	0.95	22.96
44.0-45.0	2.0	0.2	3.8	0.96	23.92
45.0-46.0	2.0	0.2	4.0	0.98	24.90
46.0-47.0	2.0	0.2	4.1	0.99	25.88
47.0-48.0	2.0	0.2	4.3	1.00	26.88
48.0-49.0	2.0	0.2	4.5	1.01	27.89
49.0-50.0	2.0	0.2	4.6	1.03	28.92
50.0-51.0	2.0	0.2	4.8	1.04	29.96
51.0-52.0	1.9	0.2	5.0	1.04	31.00
52.0-53.0	1.9	0.2	5.1	1.05	32.05
53.0-54.0	1.9	0.2	5.3	1.06	33.12
54.0-55.0	1.9	0.2	5.5	1.07	34.18
55.0-56.0	1.9	0.2	5.6	1.07	35.25
56.0-57.0	1.9	0.2	5.8	1.08	36.33
57.0-58.0	1.9	0.2	6.0	1.08	37.41
58.0-59.0	1.9	0.2	6.2	1.09	38.49
59.0-60.0	1.8	0.2	6.3	1.09	39.58
60.0-61.0	1.8	0.2	6.5	1.09	40.66
61.0-62.0	1.8	0.2	6.7	1.09	41.75
62.0-63.0	1.8	0.2	6.9	1.09	42.84
63.0-64.0	1.8	0.2	7.0	1.09	43.93
64.0-65.0	1.8	0.2	7.2	1.09	45.02
65.0-66.0	1.8	0.2	7.4	1.09	46.11
66.0-67.0	1.7	0.2	7.6	1.09	47.20
67.0-68.0	1.7	0.2	7.7	1.09	48.29
68.0-69.0	1.7	0.2	7.9	1.08	49.37
69.0-70.0	1.7	0.2	8.1	1.07	50.44
70.0-71.0	1.7	0.2	8.2	1.07	51.51
71.0-72.0	1.6	0.2	8.4	1.06	52.57

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	1.6	0.2	8.6	1.06	53.64
73.0-74.0	1.6	0.2	8.8	1.06	54.69
74.0-75.0	1.6	0.2	8.9	1.04	55.73
75.0-76.0	1.6	0.2	9.1	1.03	56.76
76.0-77.0	1.5	0.2	9.3	1.03	57.79
77.0-78.0	1.5	0.2	9.4	1.03	58.82
78.0-79.0	1.5	0.2	9.6	1.02	59.84
79.0-80.0	1.5	0.2	9.7	0.99	60.83
80.0-81.0	1.5	0.2	9.9	0.99	61.82
81.0-82.0	1.5	0.2	10.1	0.99	62.80
82.0-83.0	1.4	0.2	10.2	0.97	63.78
83.0-84.0	1.4	0.2	10.4	0.96	64.73
84.0-85.0	1.4	0.2	10.5	0.95	65.68
85.0-86.0	1.4	0.1	10.7	0.94	66.62
86.0-87.0	1.4	0.1	10.8	0.92	67.54
87.0-88.0	1.3	0.1	11.0	0.91	68.45
88.0-89.0	1.3	0.1	11.1	0.90	69.35
89.0-90.0	1.3	0.1	11.2	0.89	70.24
90.0-91.0	1.3	0.1	11.4	0.88	71.11
91.0-92.0	1.3	0.1	11.5	0.86	71.97
92.0-93.0	1.2	0.1	11.7	0.85	72.82
93.0-94.0	1.2	0.1	11.8	0.84	73.66
94.0-95.0	1.2	0.1	11.9	0.83	74.50
95.0-96.0	1.2	0.1	12.1	0.82	75.31
96.0-97.0	1.2	0.1	12.2	0.80	76.11
97.0-98.0	1.2	0.1	12.3	0.79	76.90
98.0-99.0	1.1	0.1	12.4	0.78	77.67
99.0-100.0	1.1	0.1	12.6	0.76	78.44
100.0-101.0	1.1	0.1	12.7	0.75	79.18
101.0-102.0	1.1	0.1	12.8	0.74	79.92
102.0-103.0	1.1	0.1	12.9	0.73	80.65
103.0-104.0	1.1	0.1	13.0	0.71	81.36
104.0-105.0	1.0	0.1	13.1	0.70	82.05
105.0-106.0	1.0	0.1	13.2	0.68	82.73
106.0-107.0	1.0	0.1	13.4	0.66	83.40
107.0-108.0	1.0	0.1	13.5	0.65	84.04

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	1.0	0.1	13.6	0.63	84.67
109.0-110.0	1.0	0.1	13.7	0.62	85.29
110.0-111.0	1.0	0.1	13.8	0.61	85.90
111.0-112.0	0.9	0.1	13.9	0.59	86.50
112.0-113.0	0.9	0.1	13.9	0.58	87.08
113.0-114.0	0.9	0.1	14.0	0.57	87.64
114.0-115.0	0.9	0.1	14.1	0.55	88.19
115.0-116.0	0.9	0.1	14.2	0.53	88.73
116.0-117.0	0.8	0.1	14.3	0.52	89.24
117.0-118.0	0.8	0.1	14.4	0.50	89.75
118.0-119.0	0.8	0.1	14.5	0.50	90.24
119.0-120.0	0.8	0.1	14.5	0.49	90.73
120.0-121.0	0.8	0.1	14.6	0.47	91.19
121.0-122.0	0.8	0.1	14.7	0.45	91.64
122.0-123.0	0.8	0.1	14.7	0.44	92.08
123.0-124.0	0.8	0.1	14.8	0.43	92.51
124.0-125.0	0.7	0.1	14.9	0.41	92.93
125.0-126.0	0.7	0.1	14.9	0.40	93.32
126.0-127.0	0.7	0.1	15.0	0.39	93.71
127.0-128.0	0.7	0.1	15.1	0.37	94.08
128.0-129.0	0.7	0.1	15.1	0.35	94.44
129.0-130.0	0.7	0.1	15.2	0.35	94.78
130.0-131.0	0.6	0.1	15.2	0.33	95.11
131.0-132.0	0.6	0.1	15.3	0.31	95.43
132.0-133.0	0.6	0.0	15.3	0.31	95.73
133.0-134.0	0.6	0.0	15.4	0.30	96.03
134.0-135.0	0.6	0.0	15.4	0.28	96.31
135.0-136.0	0.6	0.0	15.5	0.27	96.58
136.0-137.0	0.5	0.0	15.5	0.25	96.83
137.0-138.0	0.5	0.0	15.5	0.24	97.07
138.0-139.0	0.5	0.0	15.6	0.23	97.31
139.0-140.0	0.5	0.0	15.6	0.22	97.53
140.0-141.0	0.5	0.0	15.7	0.21	97.74
141.0-142.0	0.5	0.0	15.7	0.20	97.93
142.0-143.0	0.5	0.0	15.7	0.19	98.12
143.0-144.0	0.4	0.0	15.7	0.17	98.30

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	0.4	0.0	15.8	0.16	98.46
145.0-146.0	0.4	0.0	15.8	0.15	98.61
146.0-147.0	0.4	0.0	15.8	0.14	98.75
147.0-148.0	0.4	0.0	15.8	0.13	98.88
148.0-149.0	0.3	0.0	15.9	0.12	99.00
149.0-150.0	0.3	0.0	15.9	0.11	99.11
150.0-151.0	0.3	0.0	15.9	0.10	99.21
151.0-152.0	0.3	0.0	15.9	0.09	99.31
152.0-153.0	0.3	0.0	15.9	0.09	99.39
153.0-154.0	0.3	0.0	15.9	0.08	99.47
154.0-155.0	0.2	0.0	15.9	0.07	99.54
155.0-156.0	0.2	0.0	15.9	0.07	99.61
156.0-157.0	0.2	0.0	16.0	0.06	99.67
157.0-158.0	0.2	0.0	16.0	0.05	99.72
158.0-159.0	0.2	0.0	16.0	0.04	99.76
159.0-160.0	0.2	0.0	16.0	0.04	99.80
160.0-161.0	0.1	0.0	16.0	0.03	99.83
161.0-162.0	0.1	0.0	16.0	0.03	99.86
162.0-163.0	0.1	0.0	16.0	0.03	99.88
163.0-164.0	0.1	0.0	16.0	0.02	99.91
164.0-165.0	0.1	0.0	16.0	0.02	99.92
165.0-166.0	0.1	0.0	16.0	0.01	99.94
166.0-167.0	0.1	0.0	16.0	0.01	99.95
167.0-168.0	0.1	0.0	16.0	0.01	99.96
168.0-169.0	0.1	0.0	16.0	0.01	99.97
169.0-170.0	0.0	0.0	16.0	0.01	99.98
170.0-171.0	0.0	0.0	16.0	0.00	99.98
171.0-172.0	0.0	0.0	16.0	0.00	99.99
172.0-173.0	0.0	0.0	16.0	0.00	99.99
173.0-174.0	0.0	0.0	16.0	0.00	99.99
174.0-175.0	0.0	0.0	16.0	0.00	100.00
175.0-176.0	0.0	0.0	16.0	0.00	100.00
176.0-177.0	0.0	0.0	16.0	0.00	100.00
177.0-178.0	0.0	0.0	16.0	0.00	100.00
178.0-179.0	0.0	0.0	16.0	0.00	100.00
179.0-180.0	0.0	0.0	16.0	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: