GENLED Brands
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Tel:+1 212 629 6830
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Report No.: 20230921 **Test Time: 2023/9/25 17:33**

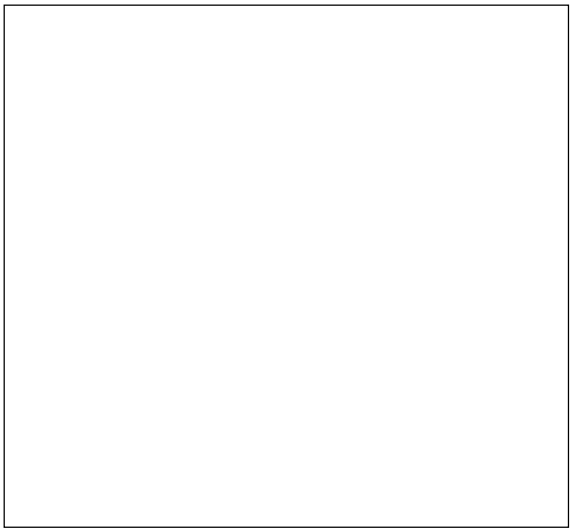
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Nano Pivot
Luminaire Description: Nano pivot rgbw4000k 9.75 - Blue only
Lamp Catalog: Optic BA 45 degree **Luminous Length (mm): 1000**
Luminous Width (mm): 28 **Luminous Height (mm): 36**
Voltage: 24.0 V **Current: 0.376 A**
Power: 9.03 W **Power Factor: 1.000**

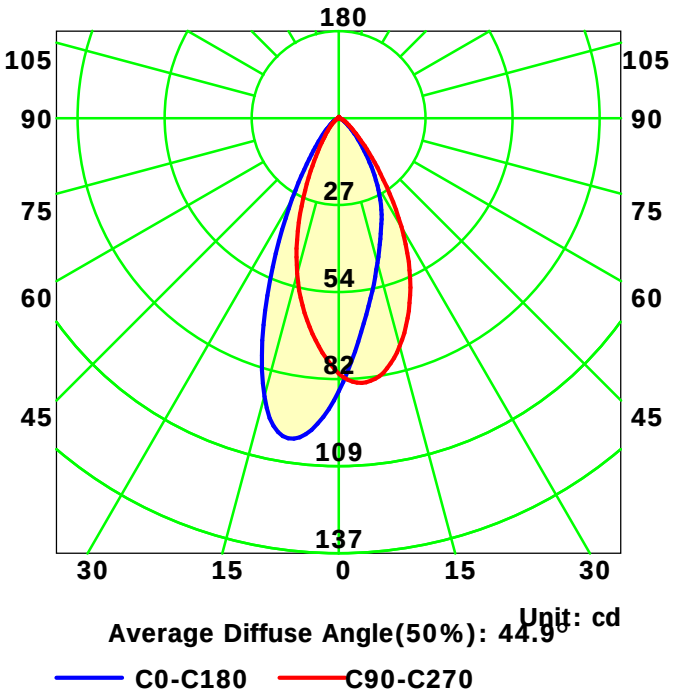
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 65.9 lm**
Measurement Flux: 65.9 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H83.4,H41.5
Vertical Diffuse Angle(10%,50%): V83.4,V48.3
Luminaire Efficacy Rating (LER): 7 **Central Intensity: 86.21 cd**
Max. Intensity: 104.78 cd **Pos of Max. Intensity: H150 V12**

Picture Of Luminaire



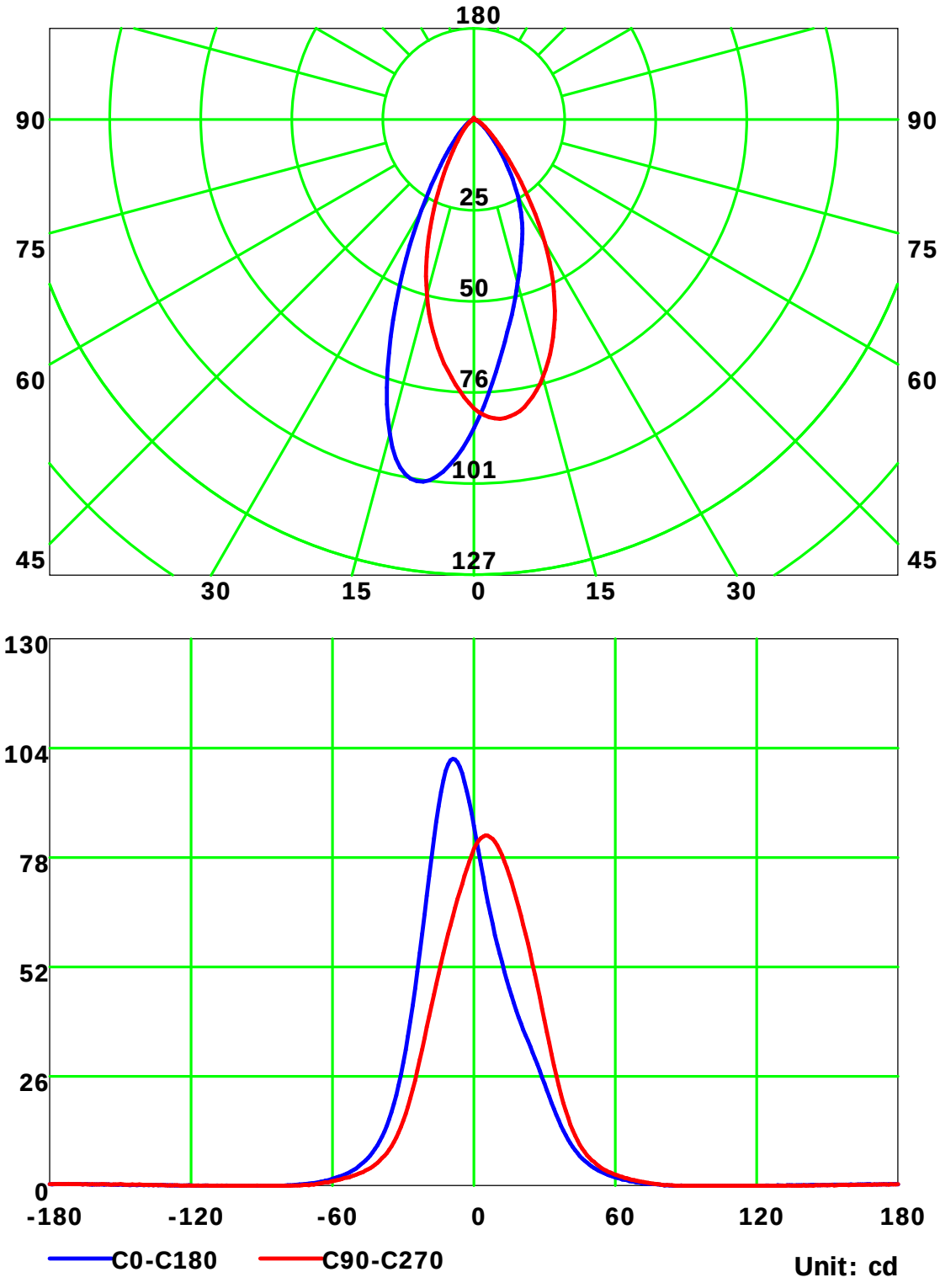
Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 44.9°

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:**

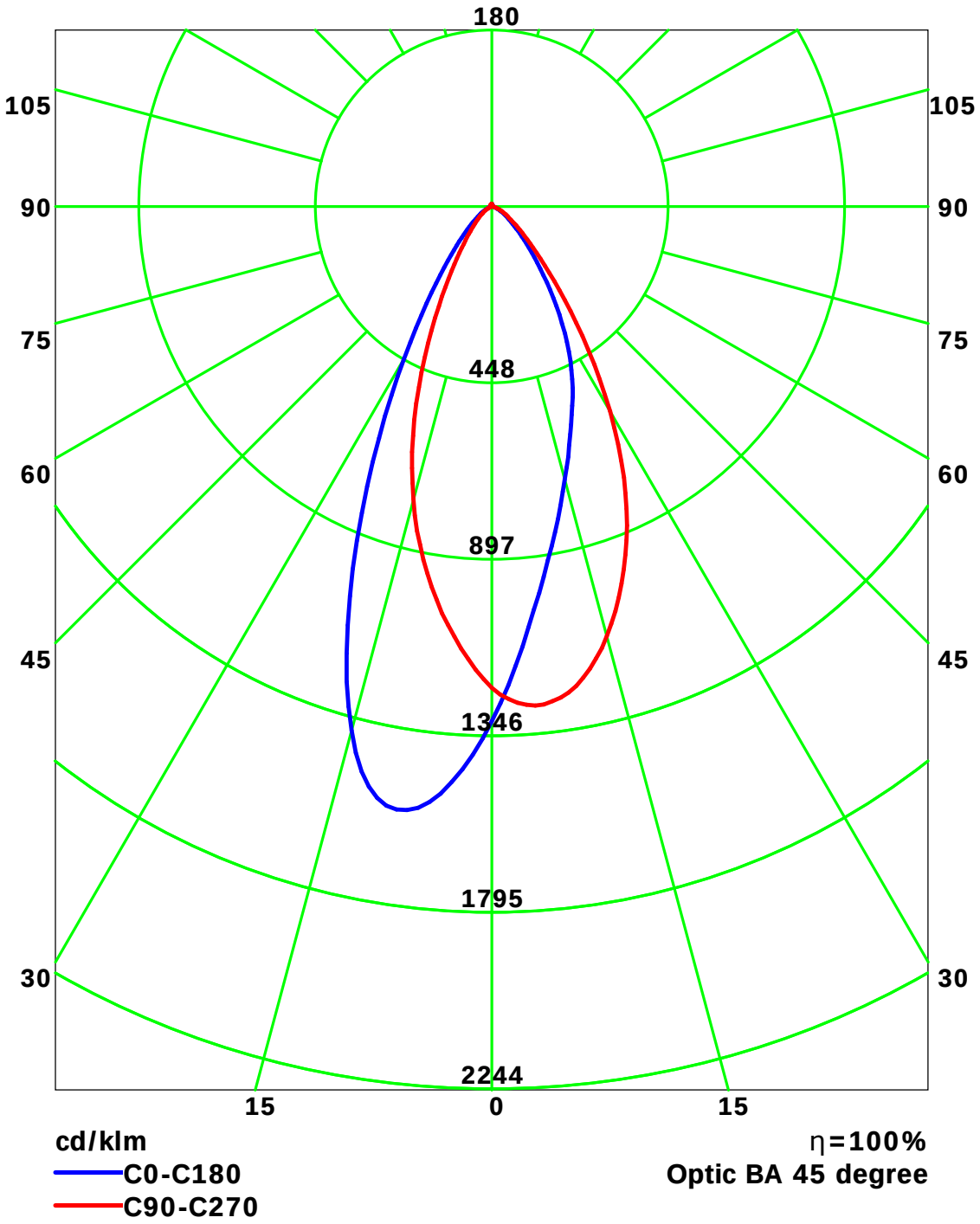
Luminous Intensity Distribution Curve



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

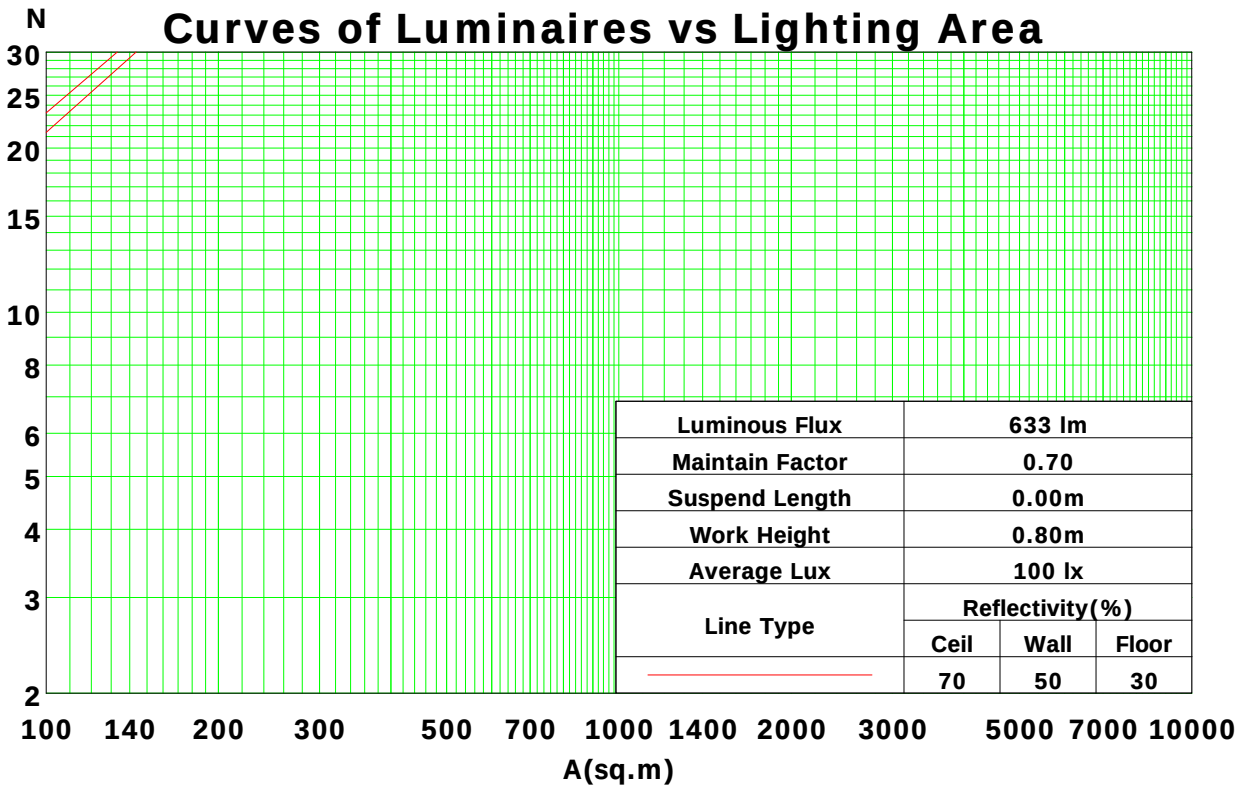
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	113	110	107	105	110	108	105	103	103	102	100	100	98	97	96	95	94	92
2	107	102	97	94	104	100	96	93	96	93	90	93	91	88	90	88	86	85
3	101	94	89	85	99	93	88	84	90	86	83	87	84	81	85	82	80	78
4	96	88	82	77	94	86	81	77	84	80	76	82	78	75	80	77	74	72
5	91	82	76	71	89	81	75	71	79	74	70	77	73	69	75	72	69	67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	71	67	64	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53	61	57	53	61	56	53	52
10	71	61	55	51	69	60	54	51	59	54	50	58	54	50	58	53	50	49

Spacing Criteria (0-180): 0.75
Spacing Criteria (90-270): 0.76
Spacing Criteria (Diagonal): 0.77

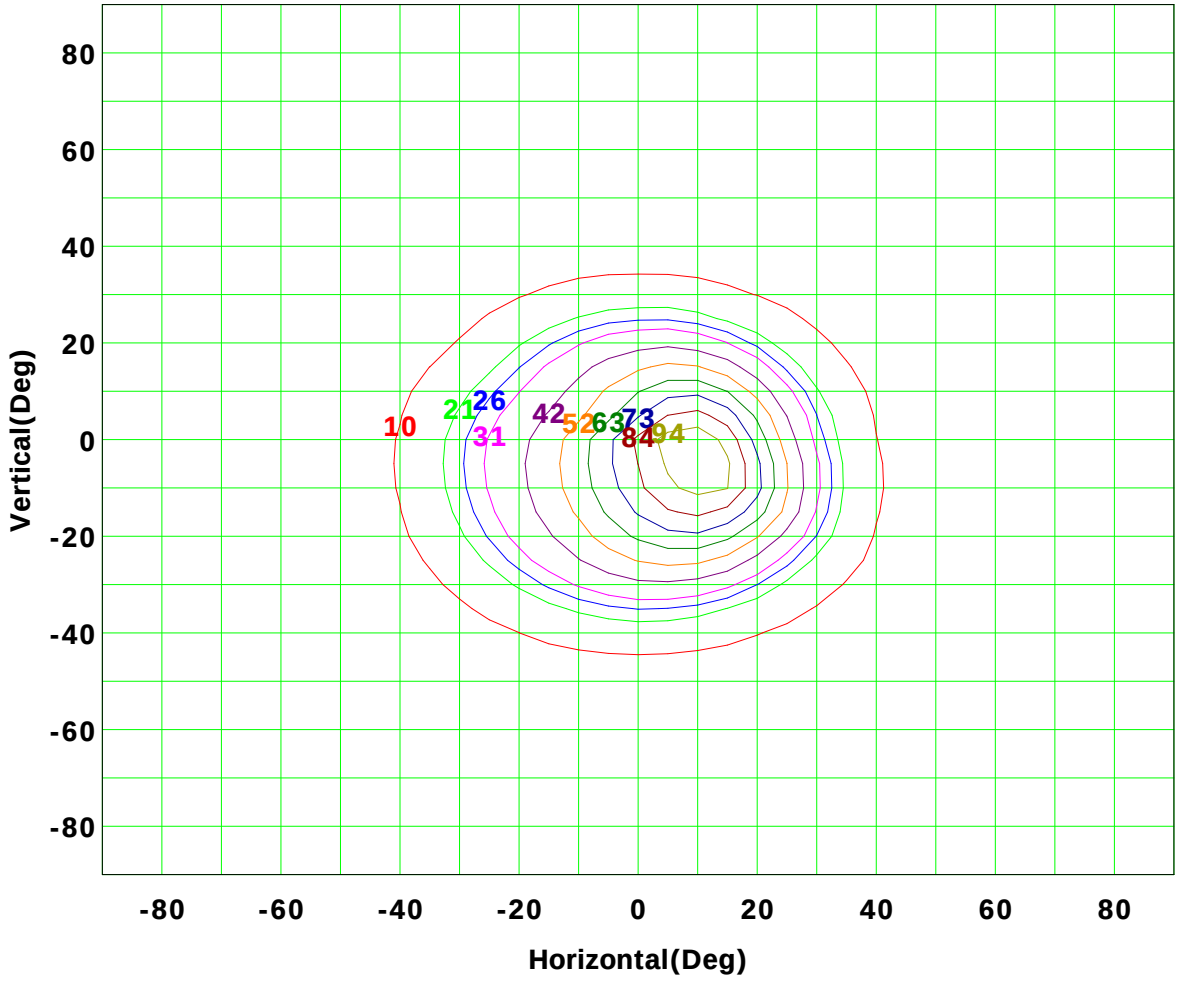
Curves of Luminaires vs Lighting Area



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)



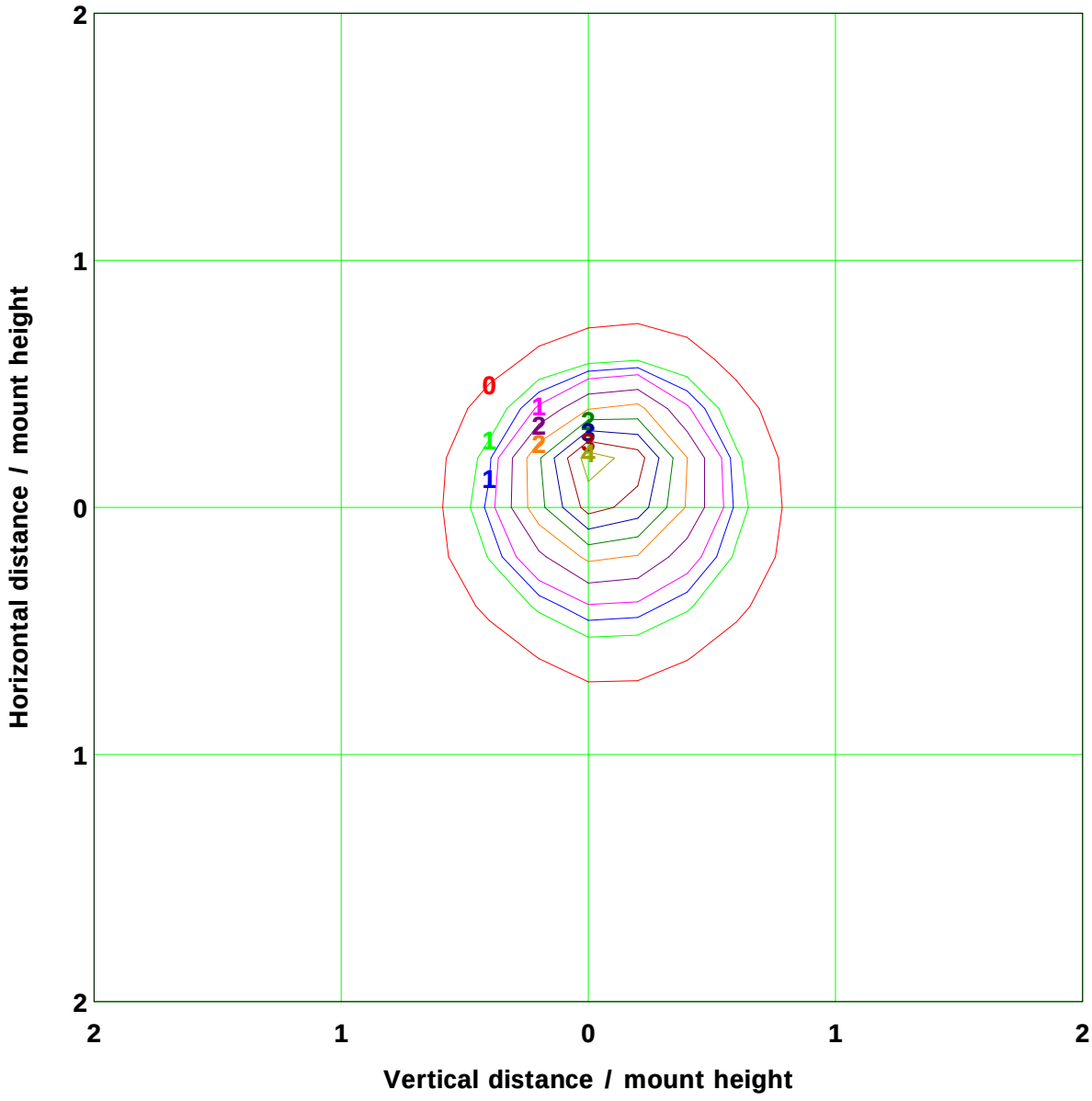
Imax (100%): 105 cd

(10%):	10 cd	(20%):	21 cd
(25%):	26 cd	(30%):	31 cd
(40%):	42 cd	(50%):	52 cd
(60%):	63 cd	(70%):	73 cd
(80%):	84 cd	(90%):	94 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%): 4.0 lx

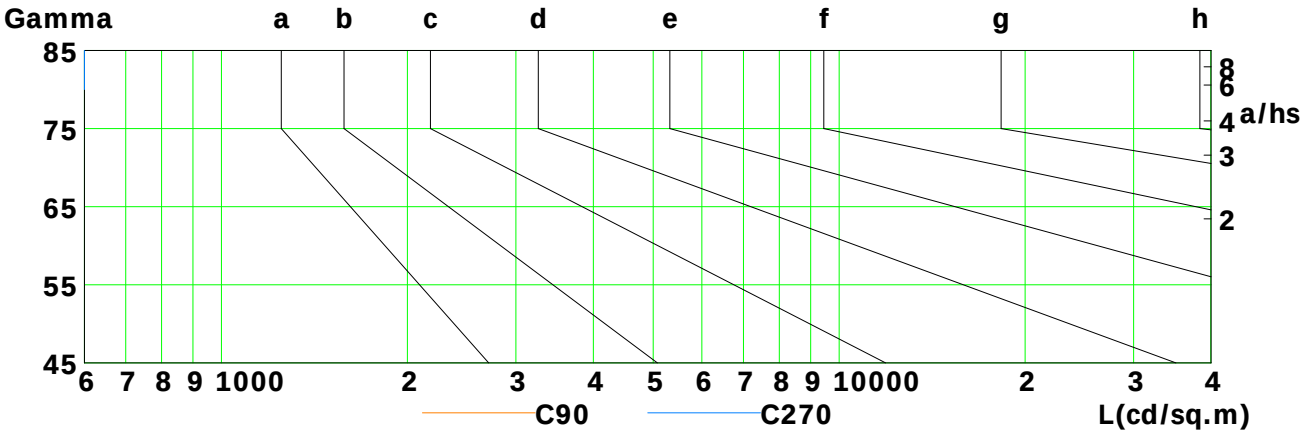
(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.0 lx	(30%): 1.2 lx
(40%): 1.6 lx	(50%): 2.0 lx
(60%): 2.4 lx	(70%): 2.8 lx
(80%): 3.2 lx	(90%): 3.6 lx

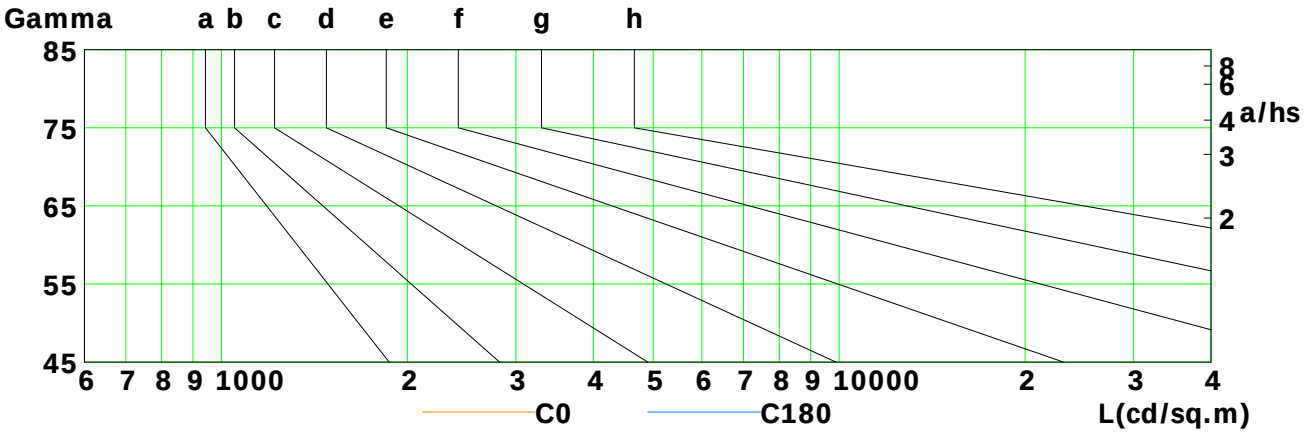
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



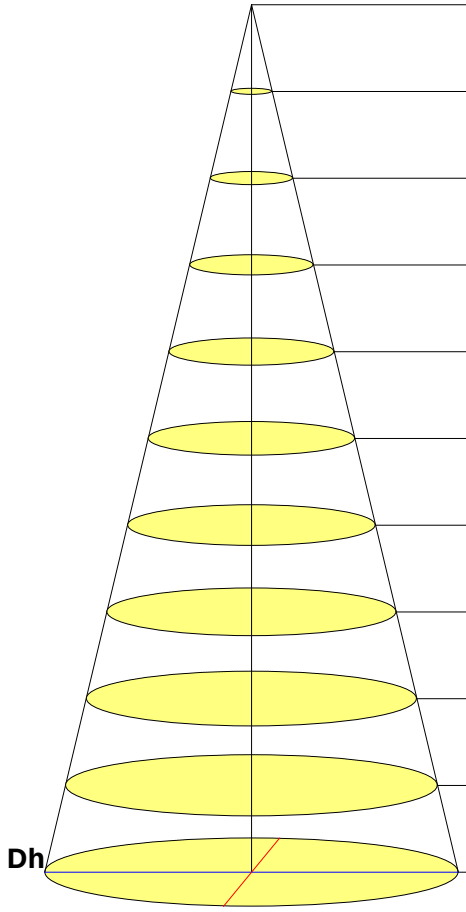


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	157	102	69	45	31	18	11	5	1
C90	480	329	236	181	144	106	77	38	20
C180	147	92	59	37	23	12	8	3	1
C270	194	142	111	77	49	18	9	0	0

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:

Illuminance at a Distance



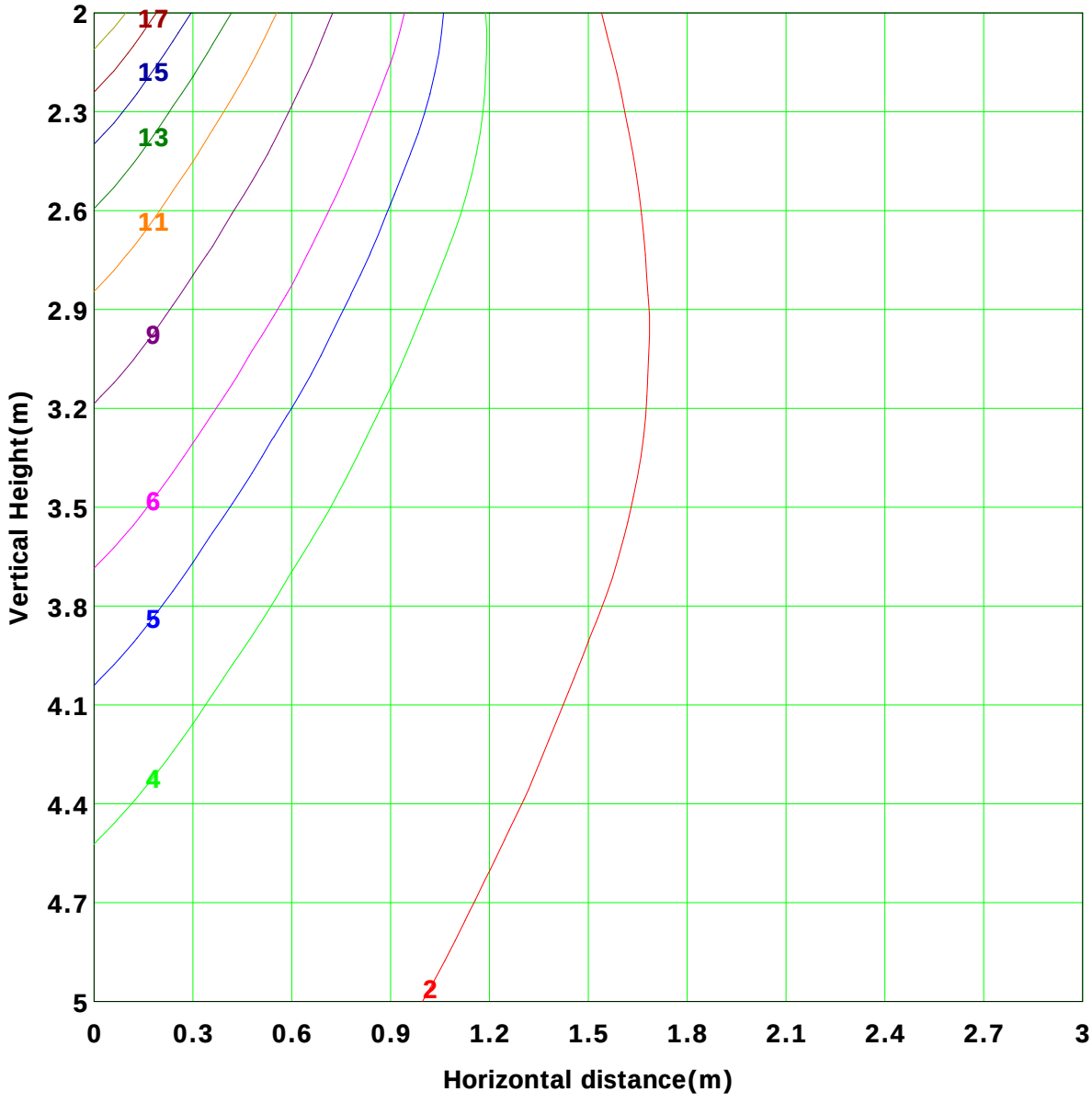
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	86.21	0.76/0.90	0.6	36.95
2.0	21.55	1.51/1.79	2.3	9.24
3.0	9.58	2.27/2.69	5.2	4.11
4.0	5.39	3.03/3.58	9.3	2.31
5.0	3.45	3.78/4.48	14.5	1.48
6.0	2.39	4.54/5.38	20.9	1.03
7.0	1.76	5.30/6.27	28.4	0.75
8.0	1.35	6.05/7.17	37.1	0.58
9.0	1.06	6.81/8.06	47.0	0.46
10.0	0.86	7.57/8.96	58.0	0.37

Beam Angle(B): H41.5 V48.3 Field Angle(F): H83.4 V83.4

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: 21.6 lx

(10%): 2.2 lx	(20%): 4.3 lx
(25%): 5.4 lx	(30%): 6.5 lx
(40%): 8.6 lx	(50%): 10.8 lx
(60%): 12.9 lx	(70%): 15.1 lx
(80%): 17.2 lx	(90%): 19.4 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:

Area Flux Table

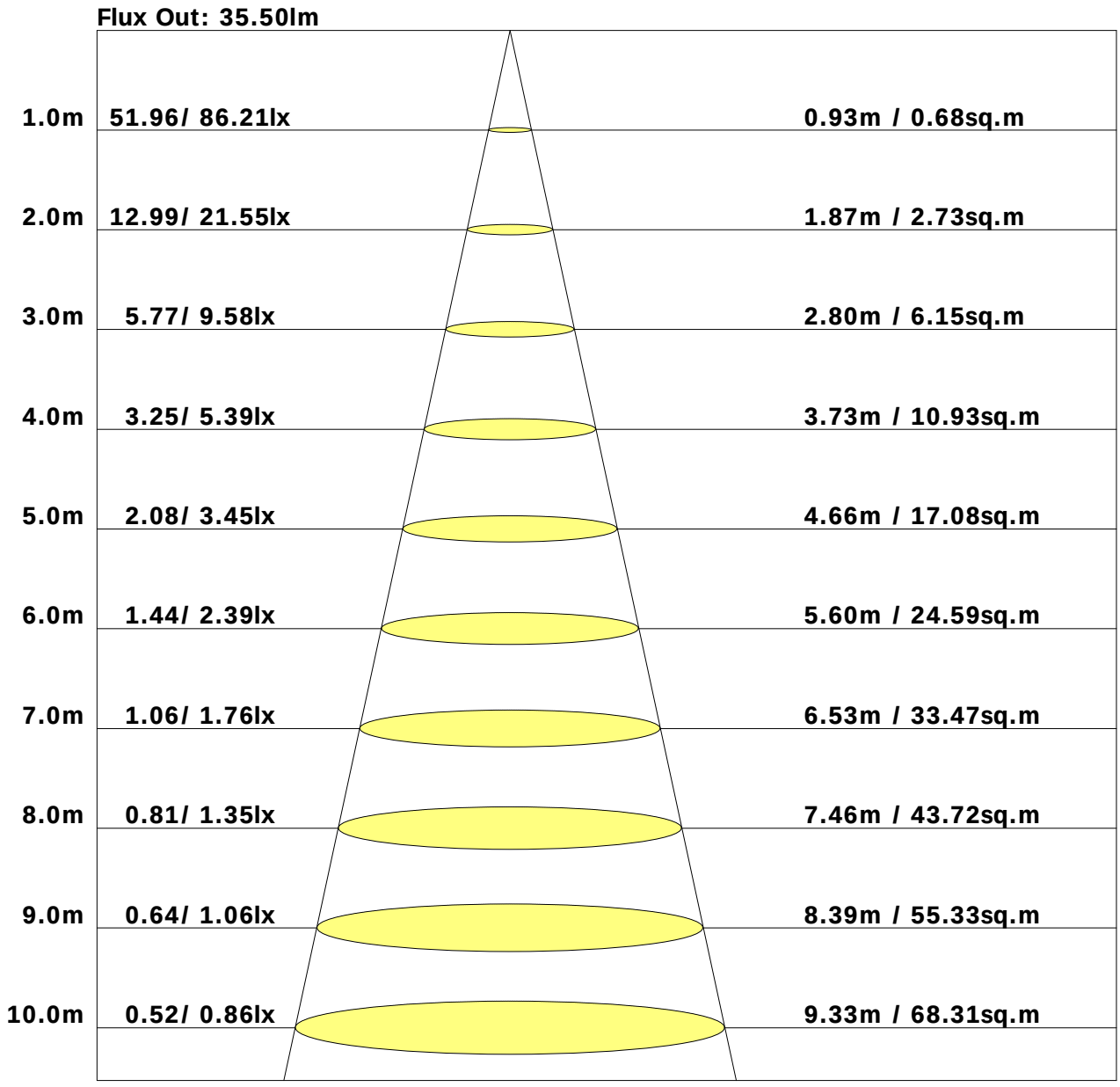
Unit: lm

Horizontal plane	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)
-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
-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	0.0
-70	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
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
-50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
-40	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.8	1.9
-30	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	1.5	1.2	0.7	0.3	0.2	0.1	0.0	0.0	0.0	0.0	6.8	6.1
-20	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.4	2.3	2.7	2.2	1.4	0.6	0.2	0.1	0.0	0.0	0.0	0.0	12.1	11.4
-10	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.7	2.5	2.9	2.5	1.6	0.8	0.3	0.1	0.1	0.0	0.0	0.0	13.7	13.0
0	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.4	1.9	2.2	1.9	1.4	0.7	0.3	0.1	0.1	0.0	0.0	0.0	11.2	10.5
10	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.0	1.3	1.4	1.3	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	7.9	7.2
20	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	0.9	0.8	0.6	0.3	0.2	0.1	0.0	0.0	0.0	0.0	4.9	4.2
30	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.5	1.6
40	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
50	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	0.0	0.4	0.0
60	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
70	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
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	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
Flux(T)	65	0.0	0.0	0.0	0.1	0.4	0.8	1.8	4.1	7.9	11.5	12.9	11.1	7.4	3.9	1.7	0.8	0.4	0.1	0.0	0.0
Flux(E)	56	0.0	0.0	0.0	0.0	0.4	0.8	1.8	3.4	7.4	11.1	12.5	10.6	6.9	3.1	0.4	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



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	8.8	9.9	9.2	10.2	10.6	8.9	10.0	9.3	10.3	10.7
3H	9.4	10.3	9.8	10.7	11.1	9.4	10.4	9.8	10.7	11.1
4H	9.5	10.4	9.9	10.8	11.2	9.5	10.4	9.9	10.7	11.1
6H	9.6	10.4	10.0	10.8	11.2	9.4	10.2	9.9	10.6	11.1
8H	9.5	10.3	10.0	10.7	11.1	9.4	10.1	9.8	10.6	11.0
12H	9.5	10.2	9.9	10.6	11.1	9.3	10.1	9.8	10.5	10.9
X=4H Y=2H	8.8	9.7	9.2	10.1	10.5	9.0	9.9	9.5	10.3	10.7
3H	9.4	10.2	9.9	10.6	11.0	9.6	10.3	10.1	10.8	11.2
4H	9.6	10.2	10.0	10.7	11.1	9.7	10.3	10.2	10.8	11.3
6H	9.6	10.2	10.1	10.7	11.2	9.7	10.2	10.2	10.7	11.2
8H	9.6	10.1	10.1	10.6	11.1	9.6	10.1	10.1	10.6	11.1
12H	9.6	10.0	10.1	10.5	11.0	9.6	10.0	10.1	10.5	11.0
X=8H Y=4H	9.5	10.0	10.0	10.4	10.9	9.6	10.1	10.1	10.6	11.1
6H	9.5	9.9	10.1	10.4	11.0	9.6	10.0	10.1	10.5	11.0
8H	9.5	9.8	10.0	10.4	10.9	9.6	9.9	10.1	10.5	11.0
12H	9.5	9.8	10.0	10.3	10.9	9.5	9.8	10.1	10.4	11.0
X=12H Y=4H	9.4	9.8	9.9	10.4	10.9	9.6	10.0	10.1	10.5	11.0
6H	9.5	9.8	10.0	10.3	10.9	9.6	9.9	10.1	10.4	11.0
8H	9.4	9.8	10.0	10.3	10.9	9.5	9.8	10.1	10.4	11.0

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 = 0.75								
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	0.79	0.87	0.92	0.96	1.00	1.03	1.05	1.08	1.10
	0.30		0.74	0.82	0.87	0.91	0.96	1.00	1.02	1.05	1.08
	0.20		0.71	0.78	0.84	0.88	0.93	0.97	1.00	1.03	1.06
0.50	0.50	0.20	0.78	0.85	0.90	0.93	0.97	1.00	1.02	1.04	1.05
	0.30		0.73	0.81	0.86	0.89	0.94	0.97	0.99	1.02	1.04
	0.20		0.70	0.78	0.83	0.86	0.91	0.95	0.97	1.00	1.02
0.30	0.50	0.20	0.77	0.83	0.88	0.91	0.94	0.97	0.98	1.00	1.02
	0.30		0.73	0.80	0.84	0.88	0.92	0.95	0.96	0.99	1.00
	0.20		0.70	0.77	0.82	0.85	0.90	0.93	0.95	0.97	0.99
0.00	0.00	0.00	0.68	0.75	0.79	0.82	0.86	0.89	0.91	0.93	0.94

Rating:9W 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 = 0.75								
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	0.66	0.53	0.44	0.38	0.30	0.24	0.21	0.16	0.13
	0.30		0.55	0.45	0.39	0.34	0.27	0.22	0.19	0.15	0.12
	0.20		0.47	0.39	0.34	0.30	0.25	0.21	0.18	0.14	0.12
0.50	0.50	0.20	0.63	0.50	0.42	0.36	0.28	0.27	0.19	0.15	0.12
	0.30		0.53	0.43	0.37	0.32	0.25	0.21	0.18	0.14	0.11
	0.20		0.46	0.38	0.33	0.29	0.23	0.20	0.17	0.13	0.11
0.30	0.50	0.20	0.60	0.47	0.39	0.33	0.26	0.21	0.18	0.13	0.11
	0.30		0.51	0.42	0.35	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.45	0.37	0.32	0.28	0.22	0.18	0.16	0.12	0.10
0.00	0.00	0.00	0.32	0.25	0.21	0.18	0.14	0.11	0.09	0.07	0.06

Rating:9W 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 = 0.75								
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	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.20
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18
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:9W 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	81.9	0.1	0.1	0.12	0.12
1.0-2.0	81.7	0.2	0.3	0.36	0.48
2.0-3.0	81.4	0.4	0.7	0.59	1.07
3.0-4.0	81.0	0.5	1.2	0.82	1.89
4.0-5.0	80.4	0.7	1.9	1.05	2.94
5.0-6.0	79.8	0.8	2.8	1.27	4.21
6.0-7.0	79.0	1.0	3.8	1.49	5.70
7.0-8.0	78.0	1.1	4.9	1.70	7.40
8.0-9.0	76.9	1.2	6.1	1.89	9.29
9.0-10.0	75.7	1.4	7.5	2.08	11.37
10.0-11.0	74.3	1.5	9.0	2.26	13.63
11.0-12.0	72.7	1.6	10.6	2.42	16.04
12.0-13.0	71.0	1.7	12.3	2.56	18.60
13.0-14.0	69.1	1.8	14.0	2.69	21.29
14.0-15.0	67.0	1.8	15.9	2.79	24.08
15.0-16.0	64.8	1.9	17.8	2.88	26.96
16.0-17.0	62.5	1.9	19.7	2.96	29.92
17.0-18.0	60.1	2.0	21.7	3.01	32.93
18.0-19.0	57.5	2.0	23.7	3.04	35.97
19.0-20.0	55.0	2.0	25.7	3.05	39.02
20.0-21.0	52.3	2.0	27.7	3.05	42.07
21.0-22.0	49.6	2.0	29.7	3.03	45.10
22.0-23.0	46.9	2.0	31.7	2.99	48.09
23.0-24.0	44.2	1.9	33.6	2.94	51.03
24.0-25.0	41.6	1.9	35.5	2.87	53.90
25.0-26.0	38.9	1.8	37.3	2.79	56.69
26.0-27.0	36.3	1.8	39.1	2.70	59.39
27.0-28.0	33.8	1.7	40.8	2.60	61.99
28.0-29.0	31.4	1.6	42.5	2.49	64.48
29.0-30.0	29.0	1.6	44.0	2.38	66.86
30.0-31.0	26.7	1.5	45.5	2.26	69.12
31.0-32.0	24.5	1.4	46.9	2.14	71.25
32.0-33.0	22.5	1.3	48.3	2.01	73.27
33.0-34.0	20.6	1.2	49.5	1.89	75.16
34.0-35.0	18.8	1.2	50.7	1.77	76.93
35.0-36.0	17.1	1.1	51.8	1.65	78.58

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	15.6	1.0	52.8	1.54	80.12
37.0-38.0	14.1	0.9	53.7	1.43	81.56
38.0-39.0	12.9	0.9	54.6	1.33	82.89
39.0-40.0	11.7	0.8	55.4	1.24	84.13
40.0-41.0	10.6	0.8	56.2	1.15	85.28
41.0-42.0	9.7	0.7	56.9	1.06	86.35
42.0-43.0	8.8	0.7	57.5	0.99	87.34
43.0-44.0	8.0	0.6	58.1	0.92	88.25
44.0-45.0	7.3	0.6	58.7	0.85	89.11
45.0-46.0	6.7	0.5	59.2	0.79	89.90
46.0-47.0	6.1	0.5	59.7	0.74	90.63
47.0-48.0	5.6	0.5	60.1	0.68	91.32
48.0-49.0	5.1	0.4	60.6	0.64	91.95
49.0-50.0	4.7	0.4	60.9	0.59	92.54
50.0-51.0	4.3	0.4	61.3	0.55	93.09
51.0-52.0	3.9	0.3	61.6	0.51	93.61
52.0-53.0	3.6	0.3	62.0	0.48	94.08
53.0-54.0	3.3	0.3	62.3	0.44	94.53
54.0-55.0	3.0	0.3	62.5	0.41	94.94
55.0-56.0	2.8	0.3	62.8	0.38	95.32
56.0-57.0	2.6	0.2	63.0	0.36	95.68
57.0-58.0	2.4	0.2	63.2	0.33	96.01
58.0-59.0	2.2	0.2	63.4	0.31	96.32
59.0-60.0	2.0	0.2	63.6	0.28	96.60
60.0-61.0	1.8	0.2	63.8	0.26	96.87
61.0-62.0	1.7	0.2	64.0	0.24	97.11
62.0-63.0	1.5	0.1	64.1	0.22	97.33
63.0-64.0	1.4	0.1	64.2	0.20	97.53
64.0-65.0	1.2	0.1	64.4	0.19	97.72
65.0-66.0	1.1	0.1	64.5	0.17	97.89
66.0-67.0	1.0	0.1	64.6	0.15	98.04
67.0-68.0	0.9	0.1	64.7	0.14	98.18
68.0-69.0	0.8	0.1	64.7	0.12	98.30
69.0-70.0	0.7	0.1	64.8	0.11	98.41
70.0-71.0	0.6	0.1	64.9	0.09	98.50
71.0-72.0	0.5	0.1	64.9	0.08	98.58

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	0.5	0.0	65.0	0.07	98.66
73.0-74.0	0.4	0.0	65.0	0.06	98.72
74.0-75.0	0.4	0.0	65.1	0.06	98.78
75.0-76.0	0.3	0.0	65.1	0.05	98.83
76.0-77.0	0.3	0.0	65.1	0.04	98.87
77.0-78.0	0.2	0.0	65.1	0.04	98.91
78.0-79.0	0.2	0.0	65.2	0.03	98.94
79.0-80.0	0.1	0.0	65.2	0.02	98.96
80.0-81.0	0.1	0.0	65.2	0.02	98.97
81.0-82.0	0.1	0.0	65.2	0.01	98.99
82.0-83.0	0.1	0.0	65.2	0.01	99.00
83.0-84.0	0.1	0.0	65.2	0.01	99.01
84.0-85.0	0.0	0.0	65.2	0.01	99.01
85.0-86.0	0.0	0.0	65.2	0.00	99.02
86.0-87.0	0.0	0.0	65.2	0.00	99.02
87.0-88.0	0.0	0.0	65.2	0.00	99.02
88.0-89.0	0.0	0.0	65.2	0.00	99.03
89.0-90.0	0.0	0.0	65.2	0.00	99.03
90.0-91.0	0.0	0.0	65.2	0.00	99.03
91.0-92.0	0.0	0.0	65.2	0.00	99.03
92.0-93.0	0.0	0.0	65.2	0.00	99.04
93.0-94.0	0.0	0.0	65.2	0.00	99.04
94.0-95.0	0.0	0.0	65.2	0.00	99.04
95.0-96.0	0.0	0.0	65.2	0.00	99.04
96.0-97.0	0.0	0.0	65.2	0.00	99.04
97.0-98.0	0.0	0.0	65.2	0.00	99.05
98.0-99.0	0.0	0.0	65.2	0.00	99.05
99.0-100.0	0.0	0.0	65.2	0.00	99.05
100.0-101.0	0.0	0.0	65.2	0.00	99.05
101.0-102.0	0.0	0.0	65.2	0.00	99.05
102.0-103.0	0.0	0.0	65.2	0.00	99.06
103.0-104.0	0.0	0.0	65.2	0.00	99.06
104.0-105.0	0.0	0.0	65.2	0.00	99.06
105.0-106.0	0.0	0.0	65.2	0.00	99.06
106.0-107.0	0.0	0.0	65.2	0.00	99.07
107.0-108.0	0.0	0.0	65.2	0.00	99.07

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	0.0	0.0	65.2	0.00	99.07
109.0-110.0	0.0	0.0	65.3	0.00	99.08
110.0-111.0	0.0	0.0	65.3	0.00	99.08
111.0-112.0	0.0	0.0	65.3	0.00	99.09
112.0-113.0	0.0	0.0	65.3	0.00	99.09
113.0-114.0	0.0	0.0	65.3	0.01	99.10
114.0-115.0	0.0	0.0	65.3	0.01	99.10
115.0-116.0	0.0	0.0	65.3	0.01	99.11
116.0-117.0	0.0	0.0	65.3	0.01	99.12
117.0-118.0	0.0	0.0	65.3	0.01	99.12
118.0-119.0	0.0	0.0	65.3	0.01	99.13
119.0-120.0	0.0	0.0	65.3	0.01	99.13
120.0-121.0	0.1	0.0	65.3	0.01	99.14
121.0-122.0	0.1	0.0	65.3	0.01	99.15
122.0-123.0	0.1	0.0	65.3	0.01	99.16
123.0-124.0	0.1	0.0	65.3	0.01	99.17
124.0-125.0	0.1	0.0	65.3	0.01	99.18
125.0-126.0	0.1	0.0	65.3	0.01	99.19
126.0-127.0	0.1	0.0	65.3	0.01	99.20
127.0-128.0	0.1	0.0	65.3	0.01	99.21
128.0-129.0	0.1	0.0	65.3	0.01	99.22
129.0-130.0	0.1	0.0	65.4	0.01	99.24
130.0-131.0	0.1	0.0	65.4	0.01	99.25
131.0-132.0	0.1	0.0	65.4	0.01	99.26
132.0-133.0	0.1	0.0	65.4	0.02	99.28
133.0-134.0	0.1	0.0	65.4	0.02	99.30
134.0-135.0	0.1	0.0	65.4	0.02	99.31
135.0-136.0	0.1	0.0	65.4	0.02	99.33
136.0-137.0	0.1	0.0	65.4	0.02	99.35
137.0-138.0	0.1	0.0	65.4	0.02	99.36
138.0-139.0	0.2	0.0	65.4	0.02	99.38
139.0-140.0	0.2	0.0	65.5	0.02	99.40
140.0-141.0	0.2	0.0	65.5	0.02	99.42
141.0-142.0	0.2	0.0	65.5	0.02	99.44
142.0-143.0	0.2	0.0	65.5	0.02	99.46
143.0-144.0	0.2	0.0	65.5	0.02	99.48

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	65.5	0.02	99.50
145.0-146.0	0.2	0.0	65.5	0.02	99.52
146.0-147.0	0.2	0.0	65.6	0.02	99.54
147.0-148.0	0.2	0.0	65.6	0.02	99.56
148.0-149.0	0.2	0.0	65.6	0.02	99.58
149.0-150.0	0.2	0.0	65.6	0.02	99.60
150.0-151.0	0.2	0.0	65.6	0.02	99.62
151.0-152.0	0.3	0.0	65.6	0.02	99.64
152.0-153.0	0.3	0.0	65.6	0.02	99.66
153.0-154.0	0.3	0.0	65.6	0.02	99.68
154.0-155.0	0.3	0.0	65.7	0.02	99.70
155.0-156.0	0.3	0.0	65.7	0.02	99.72
156.0-157.0	0.3	0.0	65.7	0.02	99.74
157.0-158.0	0.3	0.0	65.7	0.02	99.76
158.0-159.0	0.3	0.0	65.7	0.02	99.78
159.0-160.0	0.3	0.0	65.7	0.02	99.80
160.0-161.0	0.3	0.0	65.7	0.02	99.82
161.0-162.0	0.3	0.0	65.7	0.02	99.83
162.0-163.0	0.3	0.0	65.8	0.02	99.85
163.0-164.0	0.3	0.0	65.8	0.02	99.87
164.0-165.0	0.3	0.0	65.8	0.01	99.88
165.0-166.0	0.3	0.0	65.8	0.01	99.90
166.0-167.0	0.3	0.0	65.8	0.01	99.91
167.0-168.0	0.4	0.0	65.8	0.01	99.92
168.0-169.0	0.4	0.0	65.8	0.01	99.93
169.0-170.0	0.4	0.0	65.8	0.01	99.95
170.0-171.0	0.4	0.0	65.8	0.01	99.96
171.0-172.0	0.4	0.0	65.8	0.01	99.96
172.0-173.0	0.4	0.0	65.8	0.01	99.97
173.0-174.0	0.4	0.0	65.8	0.01	99.98
174.0-175.0	0.4	0.0	65.8	0.01	99.99
175.0-176.0	0.4	0.0	65.9	0.00	99.99
176.0-177.0	0.4	0.0	65.9	0.00	99.99
177.0-178.0	0.4	0.0	65.9	0.00	100.00
178.0-179.0	0.4	0.0	65.9	0.00	100.00
179.0-180.0	0.4	0.0	65.9	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: