GENLED Brands
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Report No.: **Test Time: 2023/10/8 11:38**

Luminaire Property

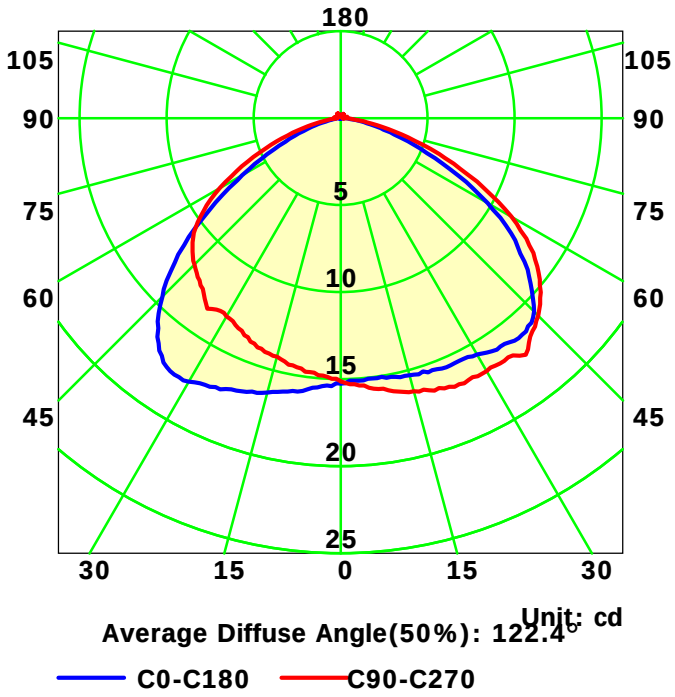
Luminaire Manufacturer: Acolyte
Luminaire Category: HEXANODE RGB2700K-2W-UCS8904- White only
Luminaire Description: CLEAR FLAT IP67 **Lamp Catalog: NODE**
Lamp Description: 3 nodes WHITE **Luminous Length (mm): 250**
Luminous Width (mm): 50 **Luminous Height (mm): 30**
Voltage: 24.0 V **Current: 0.083 A**
Power: 1.99 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 57.8 lm**
Measurement Flux: 57.8 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H151.6,H118.8
Vertical Diffuse Angle(10%,50%): V158.3,V126
Luminaire Efficacy Rating (LER): 29 **Central Intensity: 15.56 cd**
Max. Intensity: 17.95 cd **Pos of Max. Intensity: H150 V36**

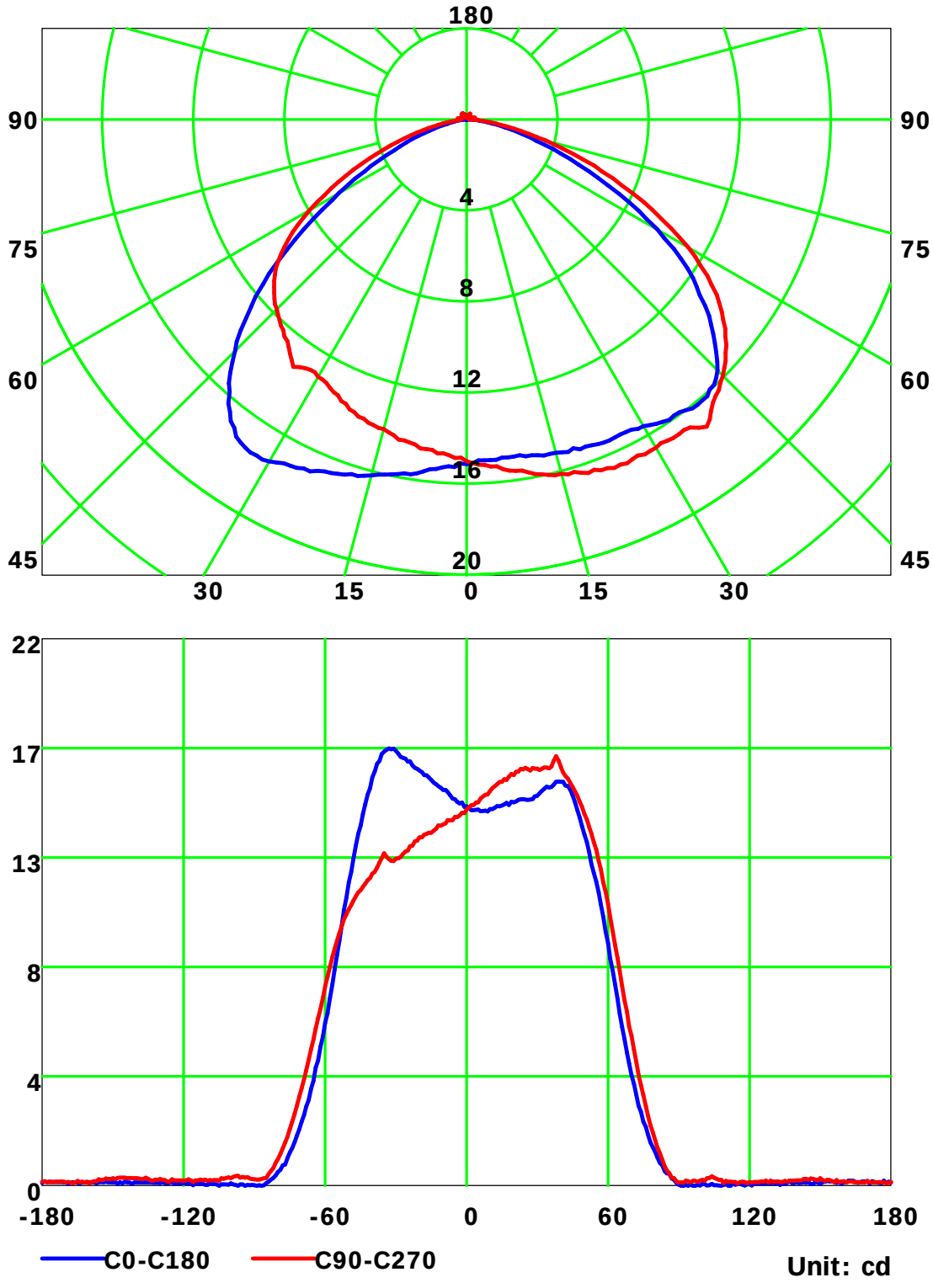
Picture Of Luminaire

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



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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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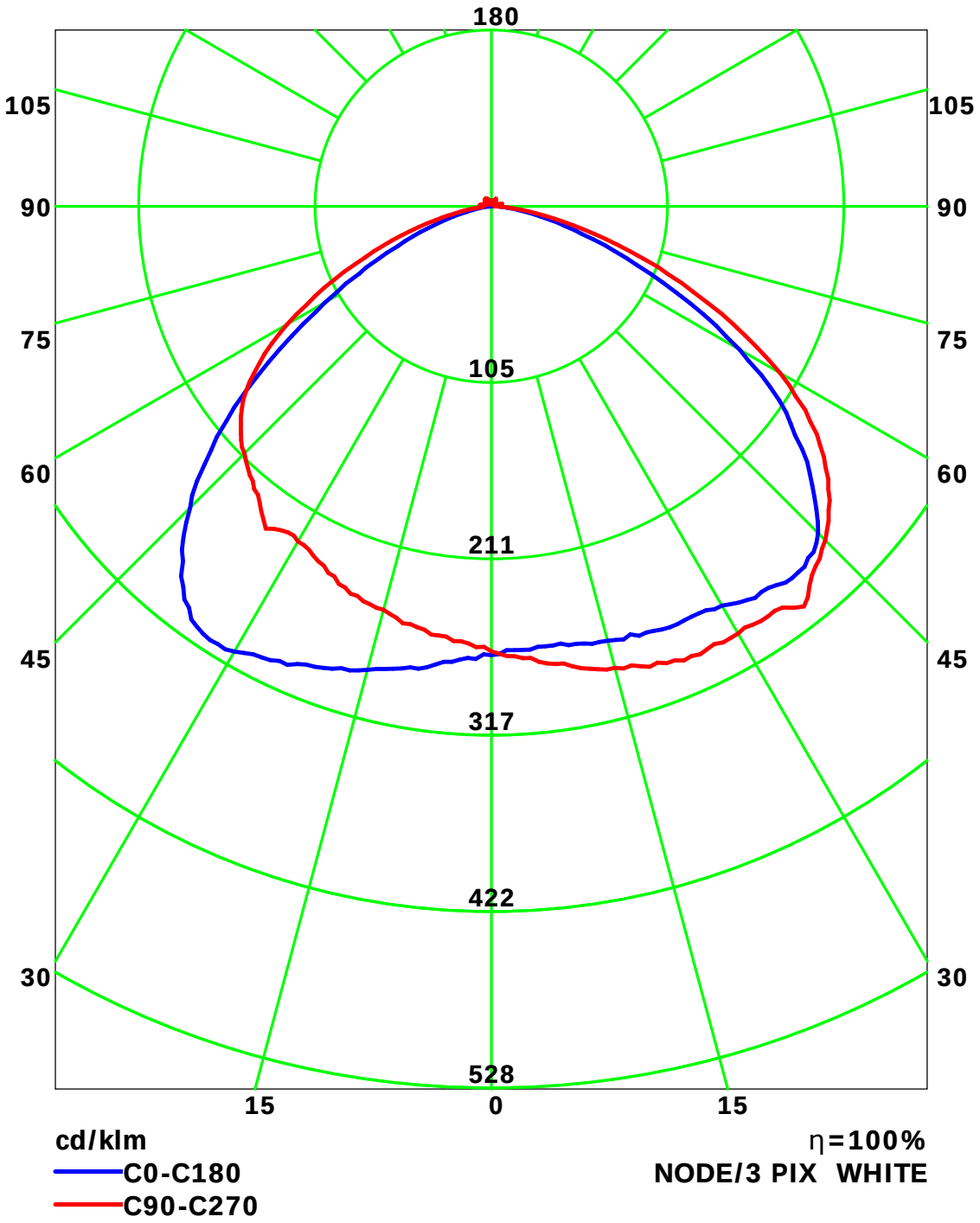
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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Temperature: 25
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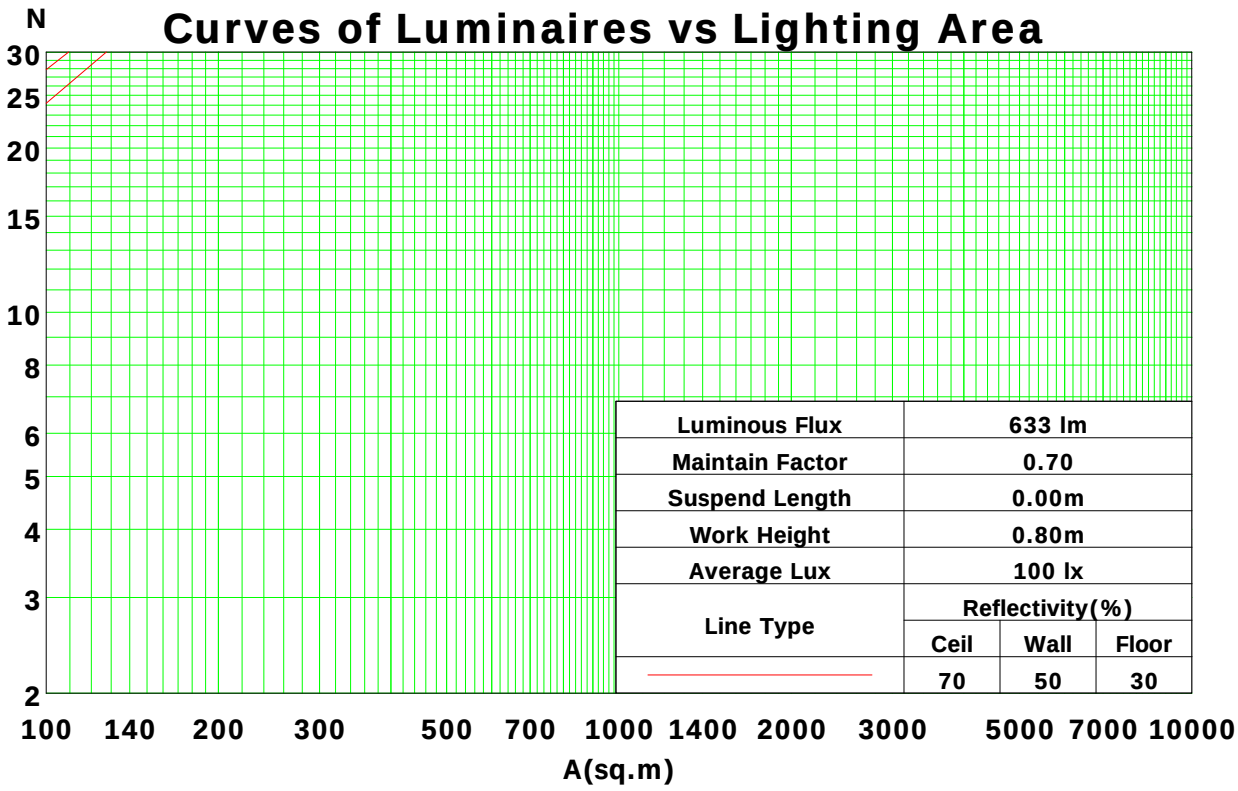
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	109	104	100	96	106	101	98	94	97	94	91	92	90	88	89	87	85	82
2	99	90	84	78	96	88	82	77	84	79	75	81	76	73	77	74	71	68
3	90	79	71	64	87	77	70	64	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	79	68	60	53	65	58	52	63	57	52	60	55	51	48
5	75	62	53	46	73	61	52	46	58	51	45	56	49	44	54	48	44	41
6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	48	43	38	36
7	64	50	41	35	62	49	40	34	47	40	34	45	39	34	44	38	33	31
8	59	45	37	31	57	44	36	30	43	35	30	41	35	30	40	34	29	27
9	55	41	33	27	53	41	33	27	39	32	27	38	31	27	37	31	26	24
10	51	38	30	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.63
Spacing Criteria (90-270): 1.52
Spacing Criteria (Diagonal): 1.65

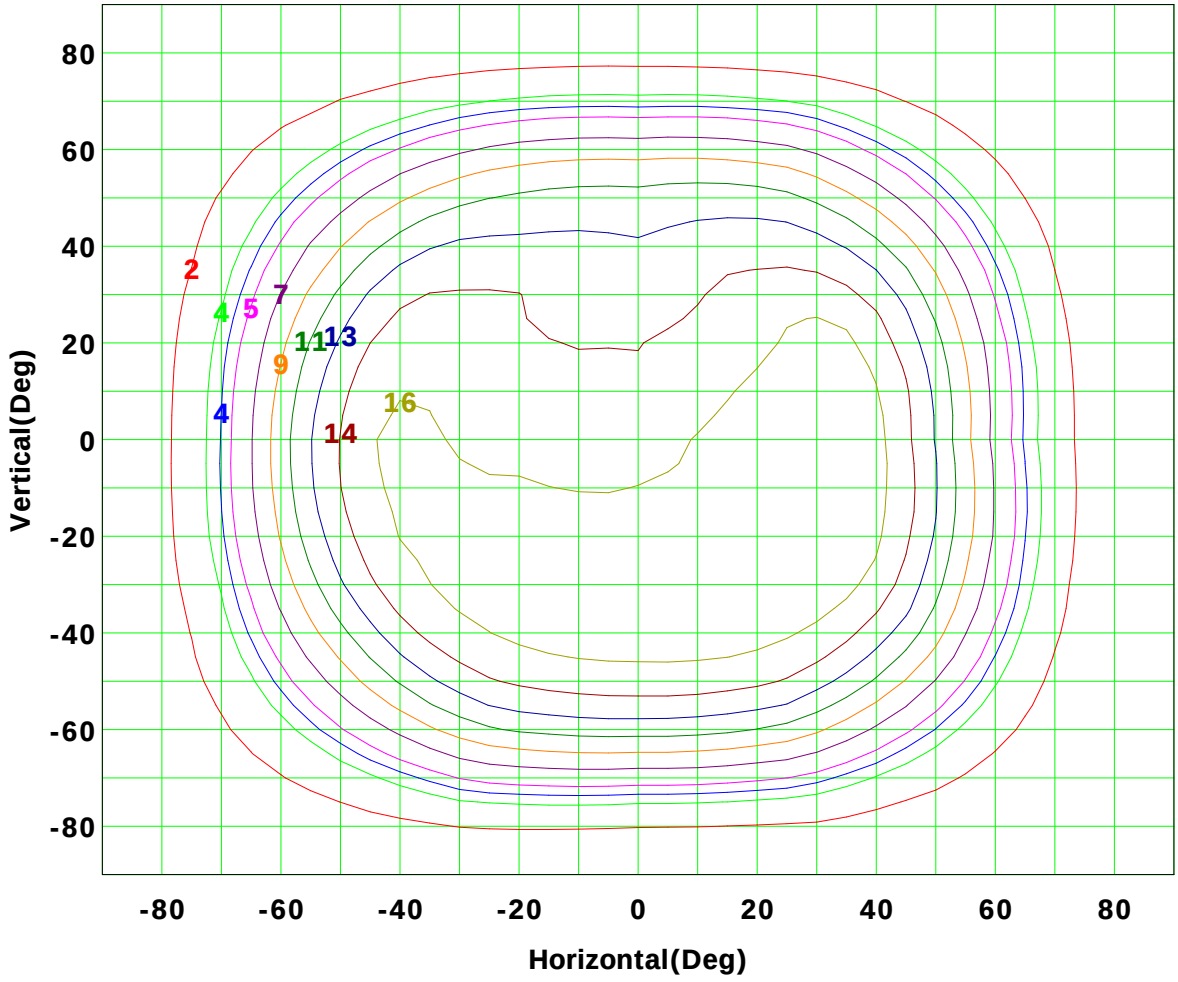
Curves of Luminaires vs Lighting Area



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)



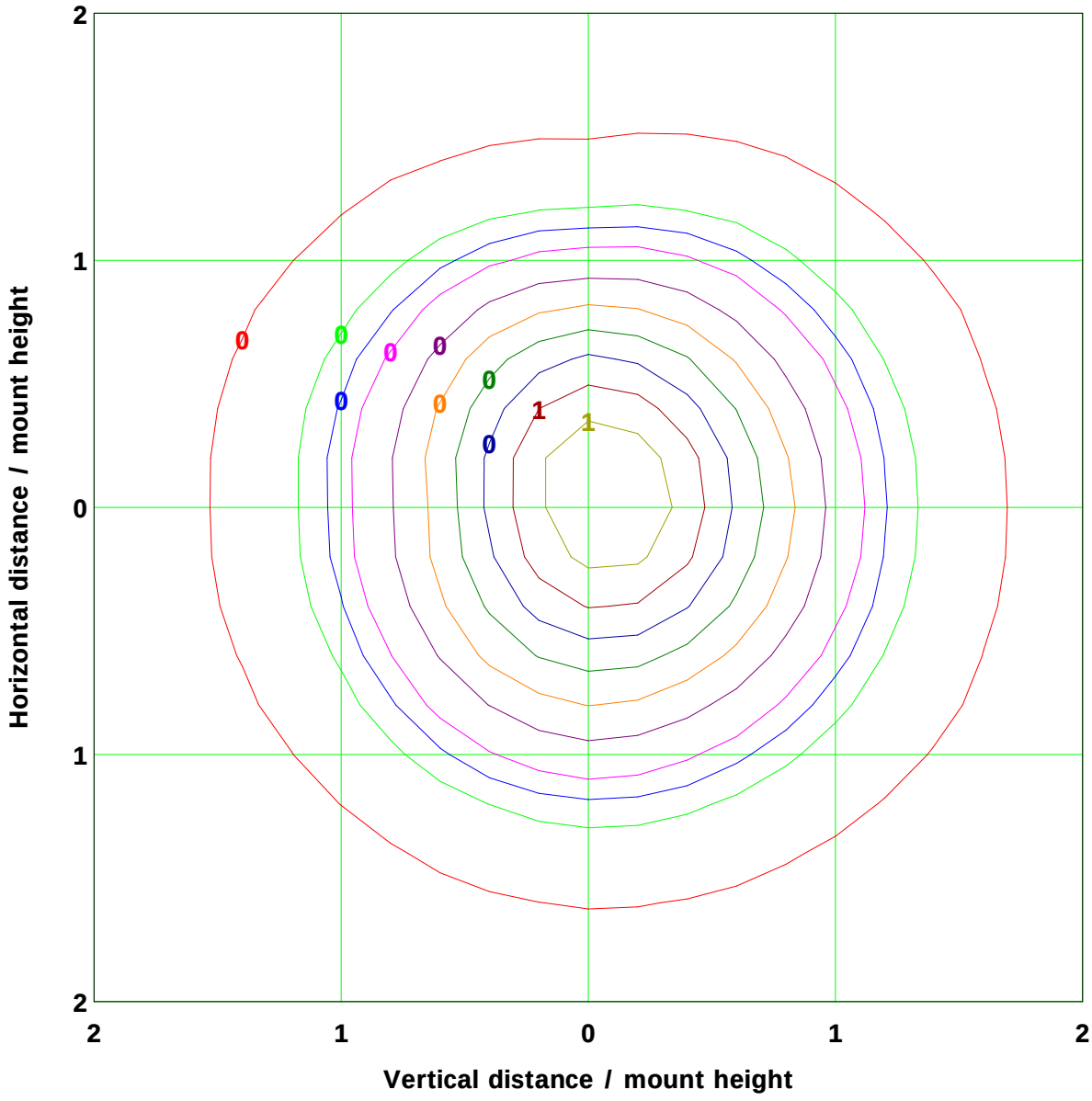
Imax (100%): 18 cd

(10%):	2 cd	(20%):	4 cd
(25%):	4 cd	(30%):	5 cd
(40%):	7 cd	(50%):	9 cd
(60%):	11 cd	(70%):	13 cd
(80%):	14 cd	(90%):	16 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%): 0.6 lx

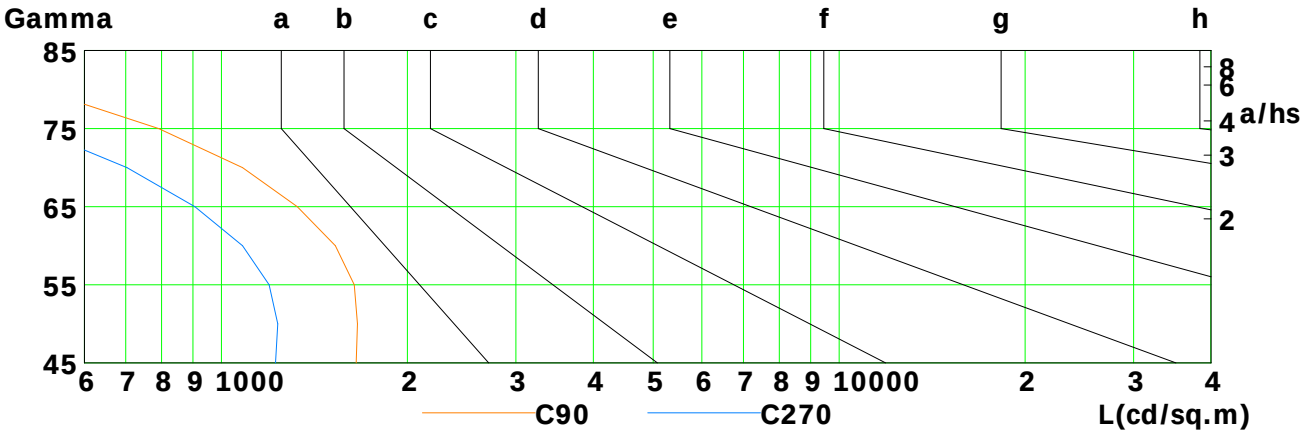
(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.4 lx
(80%): 0.5 lx	(90%): 0.6 lx

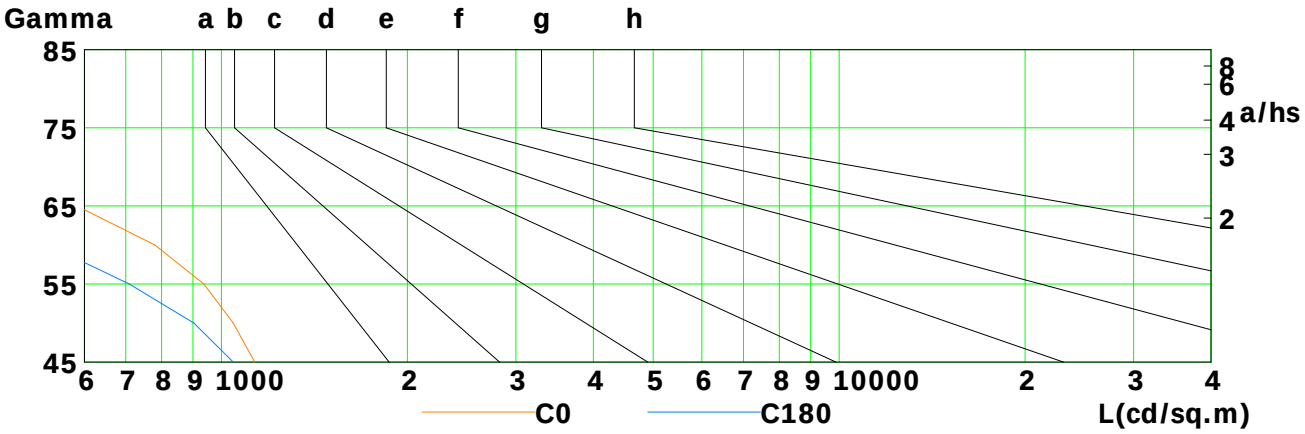
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



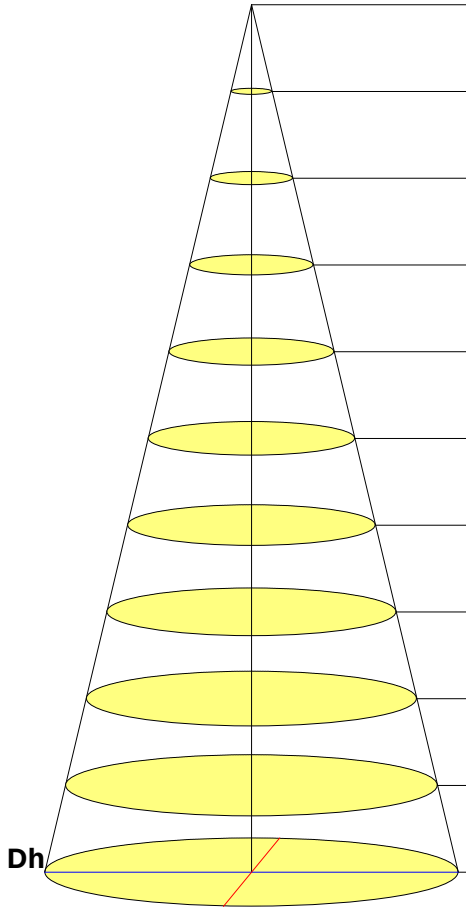


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1133	1046	937	781	584	401	250	145	60
C90	1654	1661	1642	1530	1328	1082	792	510	248
C180	1045	903	710	524	357	232	130	60	14
C270	1224	1235	1195	1082	906	704	497	302	128

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



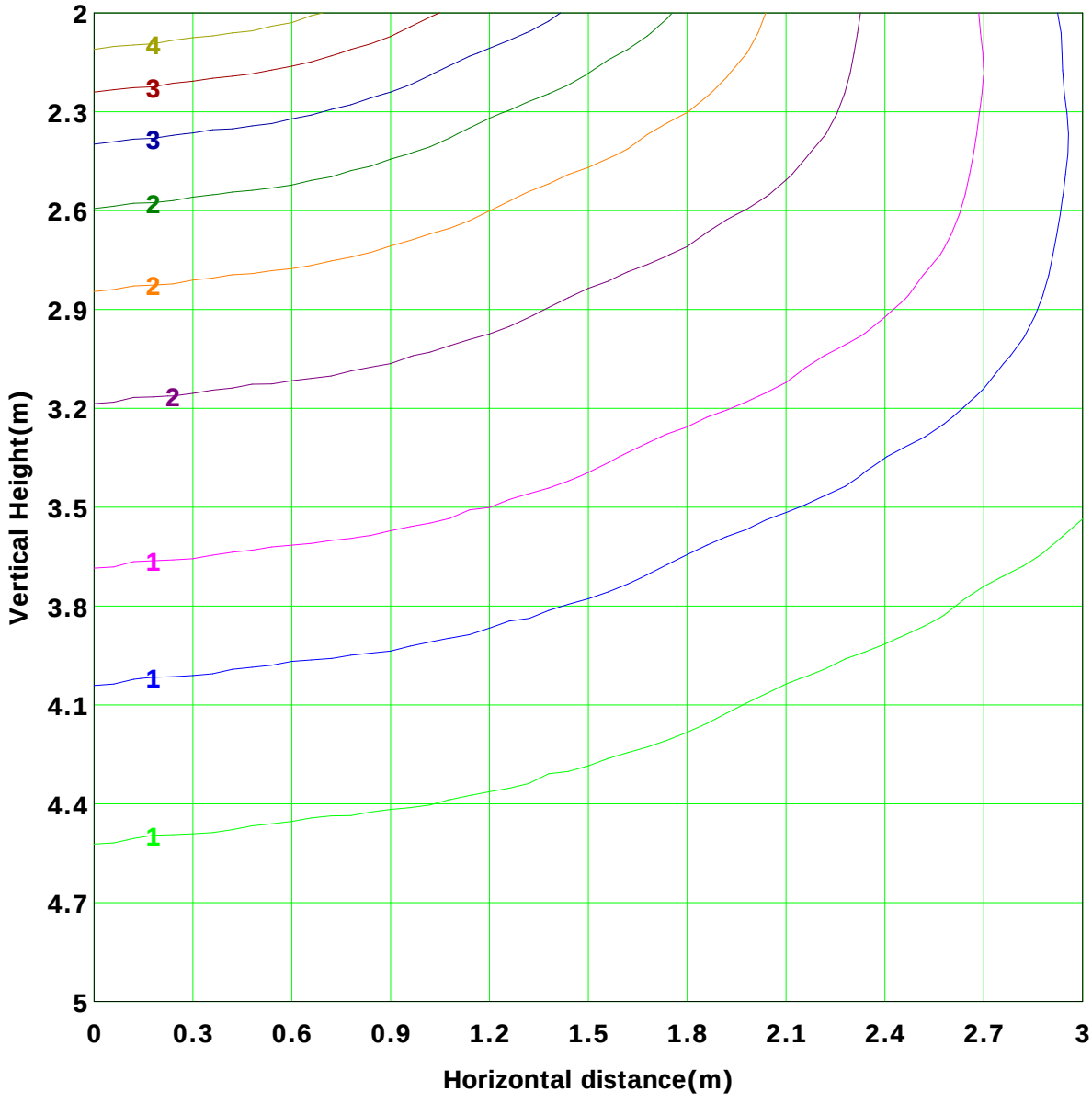
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	15.56	3.38/3.93	12.0	1.91
2.0	3.89	6.76/7.86	48.1	0.48
3.0	1.73	10.14/11.78	108.1	0.21
4.0	0.97	13.52/15.71	192.3	0.12
5.0	0.62	16.89/19.64	300.4	0.08
6.0	0.43	20.27/23.57	432.6	0.05
7.0	0.32	23.65/27.50	588.8	0.04
8.0	0.24	27.03/31.43	769.0	0.03
9.0	0.19	30.41/35.35	973.3	0.02
10.0	0.16	33.79/39.28	1201.6	0.02

Beam Angle(B): H118.8 V126.0 Field Angle(F): H151.6 V158.3

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: 3.9 lx

(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.0 lx	(30%): 1.2 lx
(40%): 1.6 lx	(50%): 1.9 lx
(60%): 2.3 lx	(70%): 2.7 lx
(80%): 3.1 lx	(90%): 3.5 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:

Area Flux Table

Unit: lm

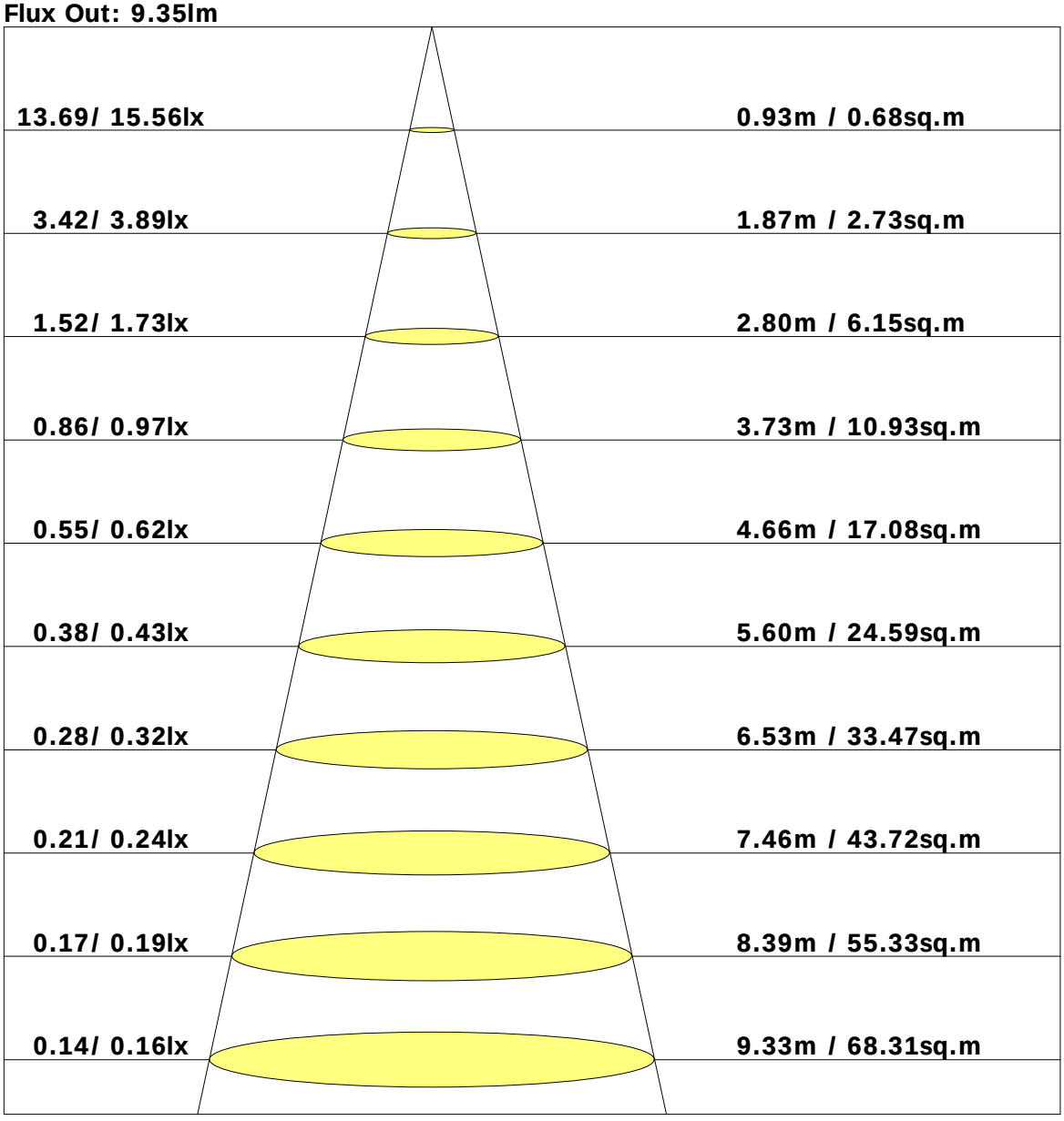
Horizontal plane	Vertical plane																							Flux(E)
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
-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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5
-60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.7	1.6
-50	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	3.3	3.2
-40	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	4.7	4.7
-30	0.0	0.1	0.2	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.0	5.6	5.5
-20	0.0	0.1	0.2	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.1	0.0	6.0	5.9
-10	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.1	0.0	6.1	6.0
0	0.0	0.1	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	6.0	6.0
10	0.0	0.1	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	5.8	5.8
20	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	5.4	5.3
30	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	4.6	4.6
40	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	3.5	3.4
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.1	2.0
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8
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	0.2	0.2
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)	57	0.2	0.9	2.1	3.5	4.6	5.4	5.8	6.1	6.0	6.0	5.9	5.5	4.7	3.3	1.7	0.6	0.1	0.0		
Flux(E)	56	0.0	0.8	2.1	3.4	4.6	5.3	5.8	6.0	6.0	6.0	5.9	5.5	4.7	3.2	1.6	0.5	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: 9.35lm



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

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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	22.9	24.5	23.3	24.8	25.2	22.9	24.6	23.3	24.9	25.3
3H	24.0	25.4	24.4	25.8	26.2	24.1	25.5	24.5	25.9	26.3
4H	24.3	25.6	24.7	26.0	26.4	24.4	25.7	24.8	26.1	26.6
6H	24.4	25.6	24.8	26.1	26.5	24.5	25.7	24.9	26.2	26.6
8H	24.4	25.6	24.9	26.0	26.5	24.5	25.7	24.9	26.1	26.6
12H	24.4	25.6	24.9	26.0	26.5	24.5	25.6	24.9	26.1	26.5
X=4H Y=2H	23.2	24.6	23.7	25.0	25.4	23.4	24.8	23.8	25.2	25.6
3H	24.5	25.6	24.9	26.1	26.5	24.8	25.9	25.2	26.3	26.8
4H	24.8	25.8	25.3	26.3	26.8	25.1	26.2	25.6	26.6	27.1
6H	25.0	25.9	25.5	26.4	26.9	25.3	26.2	25.8	26.7	27.2
8H	25.0	25.9	25.5	26.4	26.9	25.3	26.2	25.8	26.6	27.2
12H	25.1	25.8	25.6	26.3	26.8	25.3	26.1	25.8	26.6	27.1
X=8H Y=4H	24.9	25.7	25.4	26.2	26.7	25.2	26.1	25.7	26.5	27.1
6H	25.1	25.8	25.7	26.3	26.9	25.4	26.1	26.0	26.7	27.2
8H	25.2	25.8	25.7	26.3	26.9	25.5	26.1	26.0	26.6	27.2
12H	25.2	25.7	25.7	26.3	26.9	25.5	26.0	26.0	26.6	27.2
X=12H Y=4H	24.9	25.7	25.4	26.2	26.7	25.2	26.0	25.7	26.5	27.0
6H	25.1	25.7	25.7	26.2	26.8	25.4	26.1	26.0	26.6	27.2
8H	25.2	25.7	25.7	26.3	26.9	25.5	26.0	26.0	26.6	27.2

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 = 1.50								
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	0.57	0.67	0.75	0.80	0.88	0.93	0.96	1.00	1.03
	0.30		0.50	0.59	0.67	0.73	0.82	0.87	0.91	0.97	1.00
	0.20		0.44	0.53	0.62	0.68	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.64	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.49	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.96
	0.20		0.44	0.52	0.61	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.54	0.62	0.69	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.48	0.56	0.64	0.69	0.77	0.82	0.85	0.89	0.92
	0.20		0.43	0.52	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.41	0.49	0.57	0.62	0.69	0.74	0.78	0.82	0.85

Rating:2W 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 = 1.50								
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	0.82	0.69	0.59	0.47	0.39	0.33	0.25	0.20
	0.30		0.81	0.70	0.60	0.52	0.42	0.35	0.30	0.24	0.19
	0.20		0.70	0.61	0.53	0.47	0.39	0.33	0.28	0.22	0.19
0.50	0.50	0.20	0.94	0.78	0.65	0.56	0.44	0.40	0.31	0.24	0.19
	0.30		0.79	0.68	0.58	0.51	0.41	0.34	0.29	0.23	0.18
	0.20		0.69	0.60	0.52	0.46	0.37	0.32	0.27	0.22	0.18
0.30	0.50	0.20	0.90	0.75	0.62	0.54	0.42	0.35	0.29	0.23	0.18
	0.30		0.77	0.66	0.56	0.49	0.39	0.32	0.28	0.22	0.18
	0.20		0.68	0.59	0.51	0.45	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.57	0.49	0.41	0.36	0.28	0.24	0.20	0.16	0.13

Rating:2W 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 = 1.50								
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	0.22	0.23	0.23	0.24
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19
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	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18
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:2W 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	15.5	0.0	0.0	0.03	0.03
1.0-2.0	15.5	0.0	0.1	0.08	0.10
2.0-3.0	15.5	0.1	0.1	0.13	0.23
3.0-4.0	15.5	0.1	0.2	0.18	0.41
4.0-5.0	15.5	0.1	0.4	0.23	0.64
5.0-6.0	15.5	0.2	0.5	0.28	0.92
6.0-7.0	15.5	0.2	0.7	0.33	1.26
7.0-8.0	15.6	0.2	0.9	0.39	1.64
8.0-9.0	15.6	0.3	1.2	0.44	2.08
9.0-10.0	15.7	0.3	1.5	0.49	2.57
10.0-11.0	15.7	0.3	1.8	0.54	3.11
11.0-12.0	15.7	0.3	2.1	0.59	3.71
12.0-13.0	15.8	0.4	2.5	0.65	4.36
13.0-14.0	15.8	0.4	2.9	0.70	5.05
14.0-15.0	15.8	0.4	3.4	0.75	5.81
15.0-16.0	15.9	0.5	3.8	0.80	6.61
16.0-17.0	15.9	0.5	4.3	0.86	7.47
17.0-18.0	15.9	0.5	4.8	0.91	8.38
18.0-19.0	16.0	0.6	5.4	0.96	9.34
19.0-20.0	16.0	0.6	6.0	1.01	10.35
20.0-21.0	16.0	0.6	6.6	1.06	11.41
21.0-22.0	16.0	0.6	7.2	1.12	12.53
22.0-23.0	16.1	0.7	7.9	1.17	13.70
23.0-24.0	16.1	0.7	8.6	1.22	14.91
24.0-25.0	16.1	0.7	9.4	1.27	16.18
25.0-26.0	16.1	0.8	10.1	1.31	17.49
26.0-27.0	16.1	0.8	10.9	1.36	18.85
27.0-28.0	16.1	0.8	11.7	1.41	20.26
28.0-29.0	16.1	0.8	12.6	1.46	21.72
29.0-30.0	16.1	0.9	13.4	1.51	23.23
30.0-31.0	16.1	0.9	14.3	1.55	24.78
31.0-32.0	16.2	0.9	15.3	1.60	26.38
32.0-33.0	16.2	1.0	16.2	1.65	28.03
33.0-34.0	16.3	1.0	17.2	1.70	29.74
34.0-35.0	16.3	1.0	18.2	1.75	31.49
35.0-36.0	16.3	1.0	19.2	1.79	33.28

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	16.2	1.1	20.3	1.83	35.11
37.0-38.0	16.2	1.1	21.4	1.87	36.99
38.0-39.0	16.2	1.1	22.5	1.91	38.89
39.0-40.0	16.0	1.1	23.6	1.93	40.83
40.0-41.0	15.9	1.1	24.7	1.95	42.78
41.0-42.0	15.7	1.1	25.9	1.97	44.75
42.0-43.0	15.5	1.2	27.0	1.99	46.74
43.0-44.0	15.4	1.2	28.2	2.01	48.75
44.0-45.0	15.2	1.2	29.4	2.02	50.76
45.0-46.0	15.0	1.2	30.5	2.02	52.79
46.0-47.0	14.7	1.2	31.7	2.03	54.81
47.0-48.0	14.5	1.2	32.9	2.02	56.84
48.0-49.0	14.2	1.2	34.0	2.02	58.85
49.0-50.0	13.9	1.2	35.2	2.01	60.86
50.0-51.0	13.6	1.2	36.3	1.99	62.85
51.0-52.0	13.3	1.1	37.5	1.97	64.82
52.0-53.0	12.9	1.1	38.6	1.94	66.76
53.0-54.0	12.5	1.1	39.7	1.91	68.67
54.0-55.0	12.1	1.1	40.8	1.87	70.55
55.0-56.0	11.7	1.1	41.8	1.83	72.38
56.0-57.0	11.3	1.0	42.9	1.78	74.16
57.0-58.0	10.8	1.0	43.9	1.73	75.89
58.0-59.0	10.3	1.0	44.8	1.67	77.57
59.0-60.0	9.9	0.9	45.8	1.61	79.18
60.0-61.0	9.4	0.9	46.7	1.55	80.73
61.0-62.0	8.9	0.9	47.5	1.48	82.21
62.0-63.0	8.4	0.8	48.4	1.41	83.63
63.0-64.0	7.9	0.8	49.1	1.34	84.97
64.0-65.0	7.4	0.7	49.9	1.27	86.23
65.0-66.0	6.9	0.7	50.5	1.19	87.42
66.0-67.0	6.4	0.6	51.2	1.11	88.53
67.0-68.0	5.9	0.6	51.8	1.04	89.57
68.0-69.0	5.4	0.6	52.3	0.96	90.53
69.0-70.0	5.0	0.5	52.9	0.89	91.42
70.0-71.0	4.6	0.5	53.3	0.82	92.24
71.0-72.0	4.1	0.4	53.8	0.75	92.98

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	3.7	0.4	54.2	0.67	93.66
73.0-74.0	3.3	0.4	54.5	0.61	94.26
74.0-75.0	3.0	0.3	54.8	0.54	94.81
75.0-76.0	2.6	0.3	55.1	0.48	95.29
76.0-77.0	2.3	0.2	55.3	0.43	95.72
77.0-78.0	2.0	0.2	55.6	0.37	96.09
78.0-79.0	1.7	0.2	55.7	0.32	96.41
79.0-80.0	1.5	0.2	55.9	0.28	96.69
80.0-81.0	1.3	0.1	56.0	0.23	96.92
81.0-82.0	1.0	0.1	56.2	0.20	97.12
82.0-83.0	0.9	0.1	56.2	0.16	97.28
83.0-84.0	0.7	0.1	56.3	0.13	97.41
84.0-85.0	0.5	0.1	56.4	0.10	97.51
85.0-86.0	0.4	0.0	56.4	0.08	97.59
86.0-87.0	0.3	0.0	56.5	0.06	97.66
87.0-88.0	0.3	0.0	56.5	0.05	97.71
88.0-89.0	0.2	0.0	56.5	0.04	97.75
89.0-90.0	0.2	0.0	56.5	0.04	97.79
90.0-91.0	0.2	0.0	56.6	0.03	97.82
91.0-92.0	0.2	0.0	56.6	0.03	97.85
92.0-93.0	0.2	0.0	56.6	0.03	97.89
93.0-94.0	0.2	0.0	56.6	0.04	97.92
94.0-95.0	0.2	0.0	56.6	0.04	97.96
95.0-96.0	0.2	0.0	56.7	0.04	98.00
96.0-97.0	0.2	0.0	56.7	0.04	98.04
97.0-98.0	0.2	0.0	56.7	0.04	98.08
98.0-99.0	0.2	0.0	56.7	0.04	98.12
99.0-100.0	0.2	0.0	56.8	0.04	98.17
100.0-101.0	0.2	0.0	56.8	0.04	98.21
101.0-102.0	0.2	0.0	56.8	0.04	98.26
102.0-103.0	0.2	0.0	56.8	0.05	98.30
103.0-104.0	0.2	0.0	56.9	0.05	98.35
104.0-105.0	0.2	0.0	56.9	0.04	98.39
105.0-106.0	0.2	0.0	56.9	0.04	98.43
106.0-107.0	0.2	0.0	56.9	0.04	98.47
107.0-108.0	0.2	0.0	57.0	0.04	98.51

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	0.2	0.0	57.0	0.04	98.54
109.0-110.0	0.2	0.0	57.0	0.03	98.57
110.0-111.0	0.2	0.0	57.0	0.03	98.60
111.0-112.0	0.2	0.0	57.0	0.03	98.63
112.0-113.0	0.2	0.0	57.0	0.03	98.66
113.0-114.0	0.2	0.0	57.1	0.03	98.69
114.0-115.0	0.2	0.0	57.1	0.03	98.72
115.0-116.0	0.2	0.0	57.1	0.03	98.75
116.0-117.0	0.2	0.0	57.1	0.03	98.78
117.0-118.0	0.2	0.0	57.1	0.03	98.81
118.0-119.0	0.2	0.0	57.1	0.03	98.84
119.0-120.0	0.2	0.0	57.2	0.03	98.87
120.0-121.0	0.2	0.0	57.2	0.03	98.90
121.0-122.0	0.2	0.0	57.2	0.03	98.93
122.0-123.0	0.2	0.0	57.2	0.03	98.96
123.0-124.0	0.2	0.0	57.2	0.03	98.99
124.0-125.0	0.2	0.0	57.3	0.03	99.02
125.0-126.0	0.2	0.0	57.3	0.03	99.05
126.0-127.0	0.2	0.0	57.3	0.03	99.07
127.0-128.0	0.2	0.0	57.3	0.03	99.10
128.0-129.0	0.2	0.0	57.3	0.03	99.13
129.0-130.0	0.2	0.0	57.3	0.03	99.16
130.0-131.0	0.2	0.0	57.3	0.03	99.19
131.0-132.0	0.2	0.0	57.4	0.03	99.22
132.0-133.0	0.2	0.0	57.4	0.03	99.24
133.0-134.0	0.2	0.0	57.4	0.03	99.27
134.0-135.0	0.2	0.0	57.4	0.03	99.30
135.0-136.0	0.2	0.0	57.4	0.03	99.33
136.0-137.0	0.2	0.0	57.5	0.03	99.36
137.0-138.0	0.2	0.0	57.5	0.03	99.39
138.0-139.0	0.2	0.0	57.5	0.03	99.42
139.0-140.0	0.2	0.0	57.5	0.03	99.45
140.0-141.0	0.2	0.0	57.5	0.03	99.48
141.0-142.0	0.3	0.0	57.5	0.03	99.51
142.0-143.0	0.3	0.0	57.6	0.03	99.54
143.0-144.0	0.3	0.0	57.6	0.03	99.57

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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.3	0.0	57.6	0.03	99.60
145.0-146.0	0.2	0.0	57.6	0.03	99.63
146.0-147.0	0.2	0.0	57.6	0.03	99.65
147.0-148.0	0.2	0.0	57.6	0.03	99.68
148.0-149.0	0.2	0.0	57.6	0.02	99.70
149.0-150.0	0.2	0.0	57.7	0.02	99.72
150.0-151.0	0.2	0.0	57.7	0.02	99.75
151.0-152.0	0.2	0.0	57.7	0.02	99.77
152.0-153.0	0.2	0.0	57.7	0.02	99.79
153.0-154.0	0.2	0.0	57.7	0.02	99.81
154.0-155.0	0.2	0.0	57.7	0.02	99.82
155.0-156.0	0.2	0.0	57.7	0.02	99.84
156.0-157.0	0.2	0.0	57.7	0.02	99.86
157.0-158.0	0.2	0.0	57.7	0.01	99.87
158.0-159.0	0.2	0.0	57.8	0.01	99.88
159.0-160.0	0.2	0.0	57.8	0.01	99.89
160.0-161.0	0.2	0.0	57.8	0.01	99.90
161.0-162.0	0.2	0.0	57.8	0.01	99.92
162.0-163.0	0.2	0.0	57.8	0.01	99.93
163.0-164.0	0.2	0.0	57.8	0.01	99.93
164.0-165.0	0.2	0.0	57.8	0.01	99.94
165.0-166.0	0.2	0.0	57.8	0.01	99.95
166.0-167.0	0.2	0.0	57.8	0.01	99.96
167.0-168.0	0.1	0.0	57.8	0.01	99.96
168.0-169.0	0.1	0.0	57.8	0.01	99.97
169.0-170.0	0.2	0.0	57.8	0.01	99.97
170.0-171.0	0.2	0.0	57.8	0.00	99.98
171.0-172.0	0.2	0.0	57.8	0.00	99.98
172.0-173.0	0.2	0.0	57.8	0.00	99.99
173.0-174.0	0.2	0.0	57.8	0.00	99.99
174.0-175.0	0.2	0.0	57.8	0.00	99.99
175.0-176.0	0.2	0.0	57.8	0.00	100.00
176.0-177.0	0.2	0.0	57.8	0.00	100.00
177.0-178.0	0.2	0.0	57.8	0.00	100.00
178.0-179.0	0.2	0.0	57.8	0.00	100.00
179.0-180.0	0.2	0.0	57.8	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: