GENLED Brands
www.genledbrands.com
Tel:+1 212 629 6830
Fax:

Report No.: **Test Time: 2023/10/8 11:15**

Luminaire Property

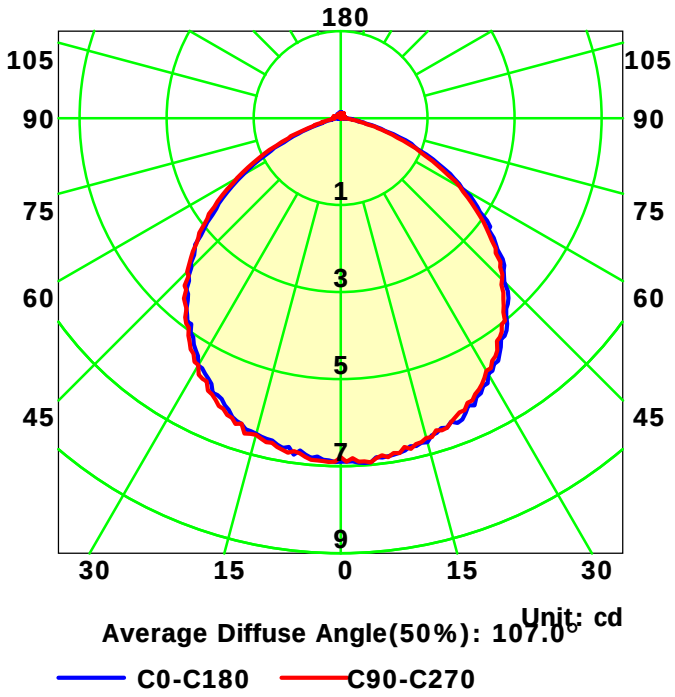
Luminaire Manufacturer: Acolyte
Luminaire Category: HEXANODE RGB2700K-2W-UCS8904- Blue only
Luminaire Description: CLEAR FLAT IP67 **Lamp Catalog: NODE**
Lamp Description: 3 nodes **BLUE** **Luminous Length (mm): 250**
Luminous Width (mm): 50 **Luminous Height (mm): 30**
Voltage: 24.0 V **Current: 0.083 A**
Power: 2.00 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 19.1 lm**
Measurement Flux: 19.1 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H148.6,H107.2
Vertical Diffuse Angle(10%,50%): V149.1,V106.9
Luminaire Efficacy Rating (LER): 10 **Central Intensity: 7.24 cd**
Max. Intensity: 7.31 cd **Pos of Max. Intensity: H120 V1**

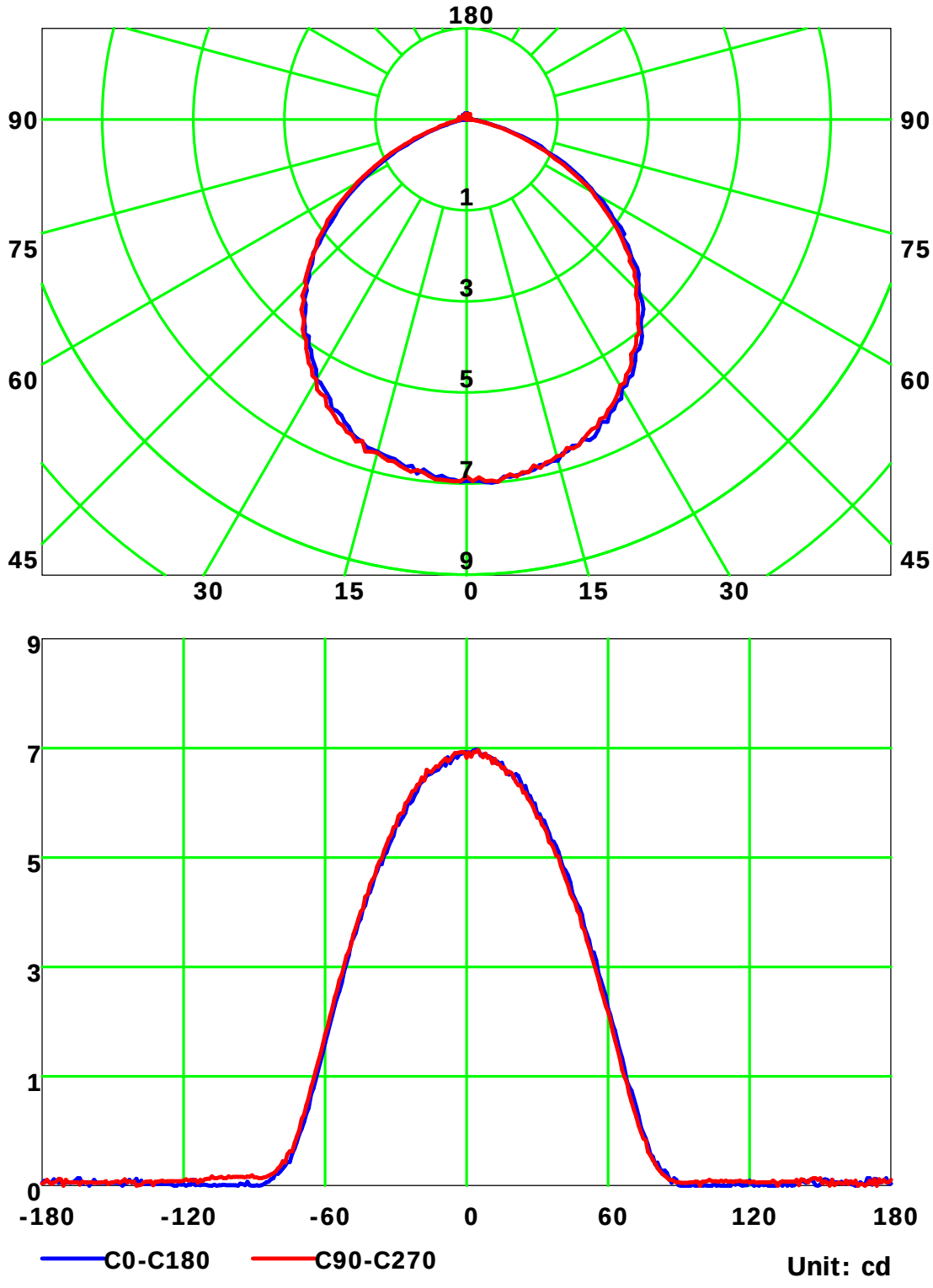
Picture Of Luminaire

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



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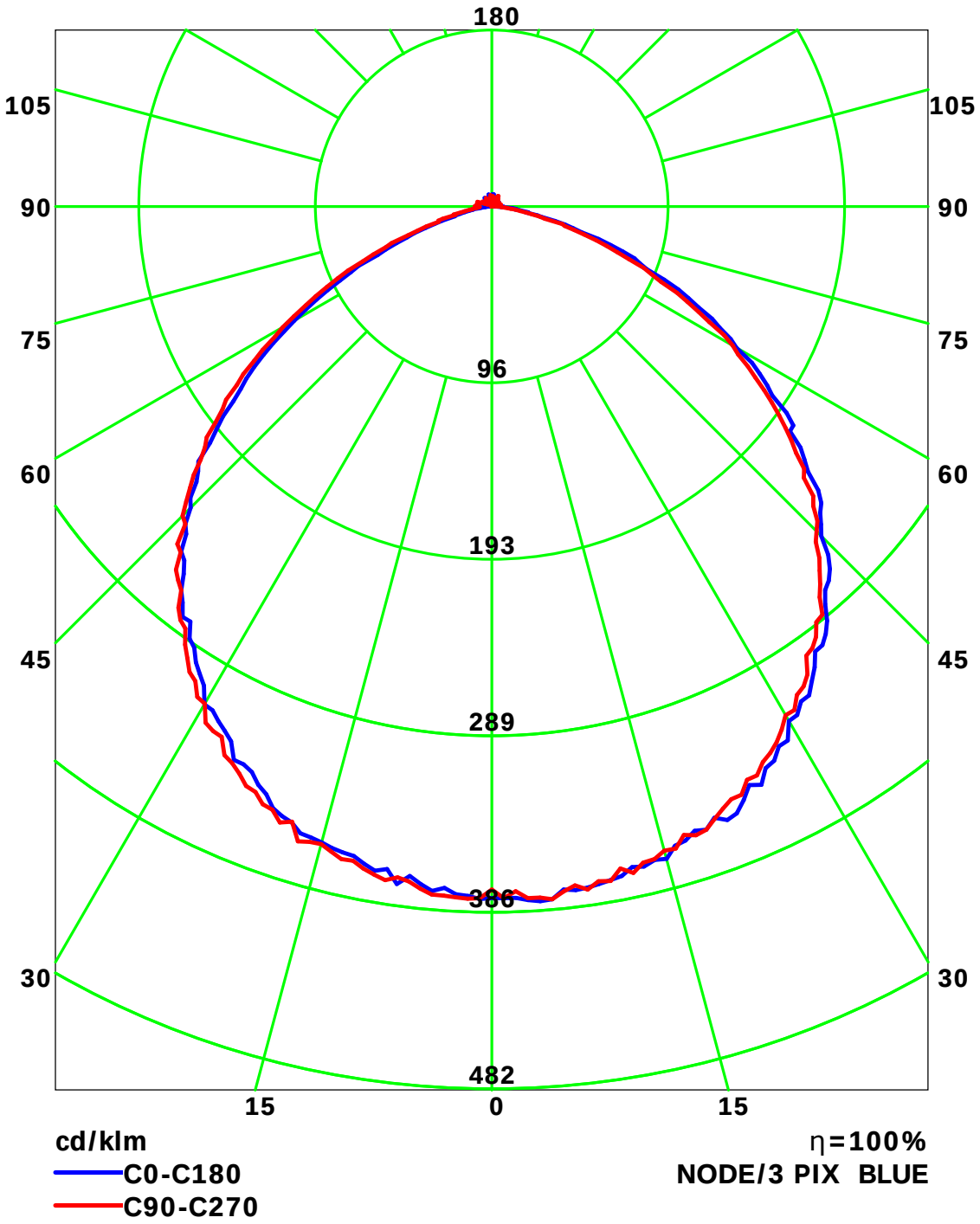
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

Luminous Intensity Distribution Curve(cd/klm)



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

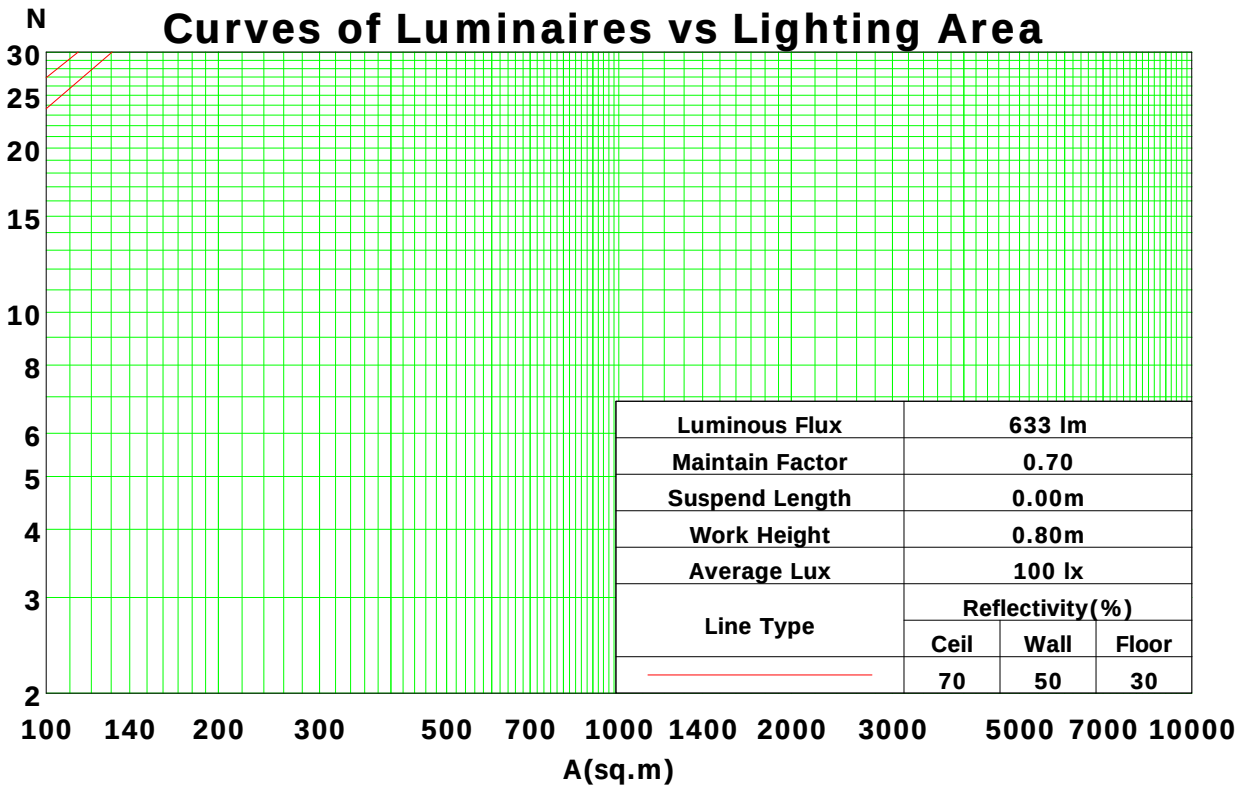
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	109	105	101	98	106	103	99	96	98	95	92	94	91	89	90	88	86	84
2	100	92	86	81	97	90	85	80	87	82	78	83	79	75	80	76	73	71
3	92	82	74	68	89	80	73	67	77	71	66	74	69	64	71	67	63	61
4	84	73	64	58	82	71	63	57	68	62	56	66	60	55	64	59	54	52
5	77	65	57	50	75	64	56	50	62	54	49	59	53	48	57	52	48	46
6	72	59	50	44	70	58	50	44	56	48	43	54	47	43	52	46	42	40
7	66	53	45	39	65	52	44	39	51	43	38	49	43	38	48	42	37	35
8	62	49	40	35	60	48	40	35	46	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	40	35	30	29
10	54	41	34	28	53	41	33	28	40	33	28	38	32	28	37	32	28	26

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.27
Spacing Criteria (Diagonal): 1.35

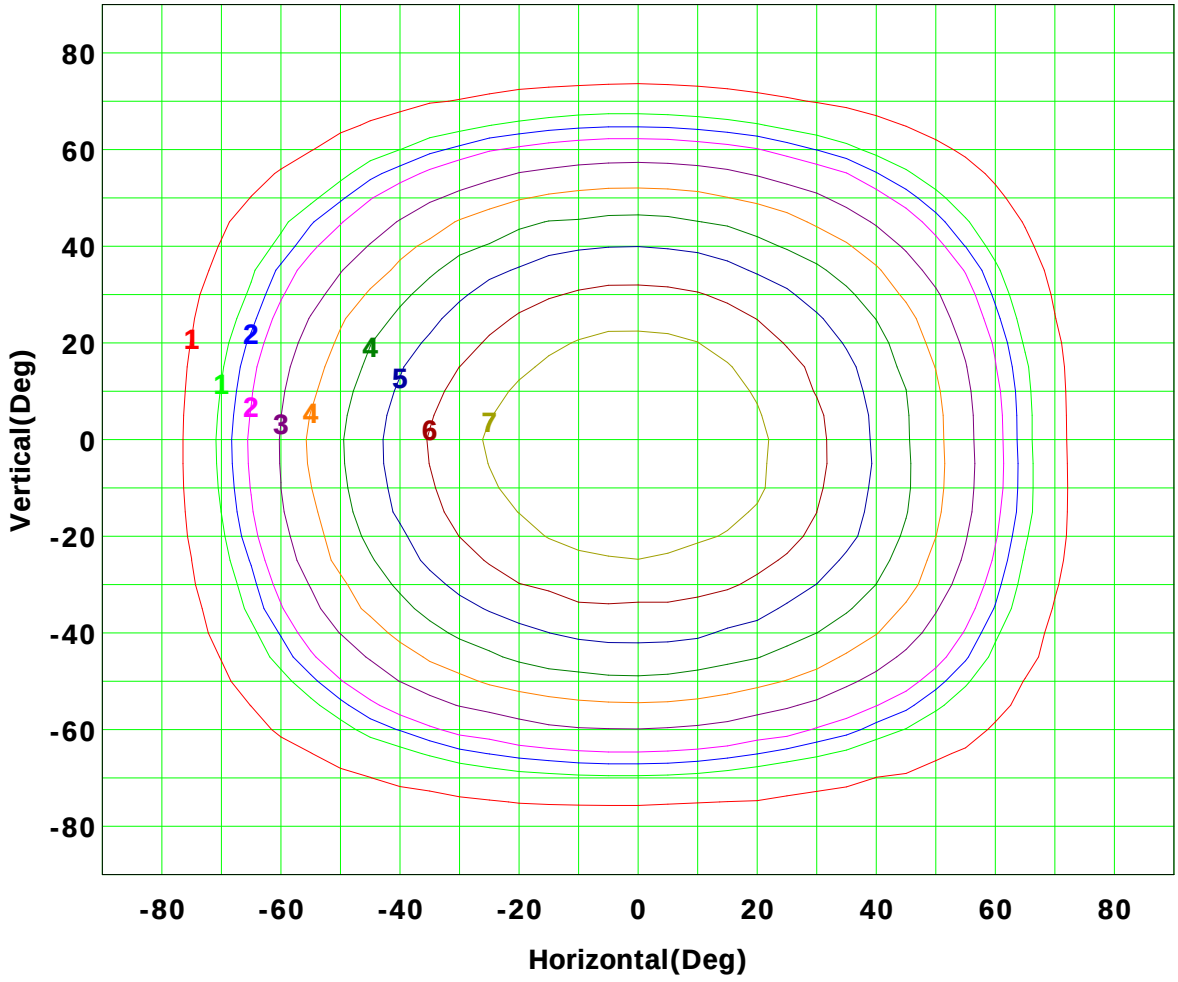
Curves of Luminaires vs Lighting Area



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)



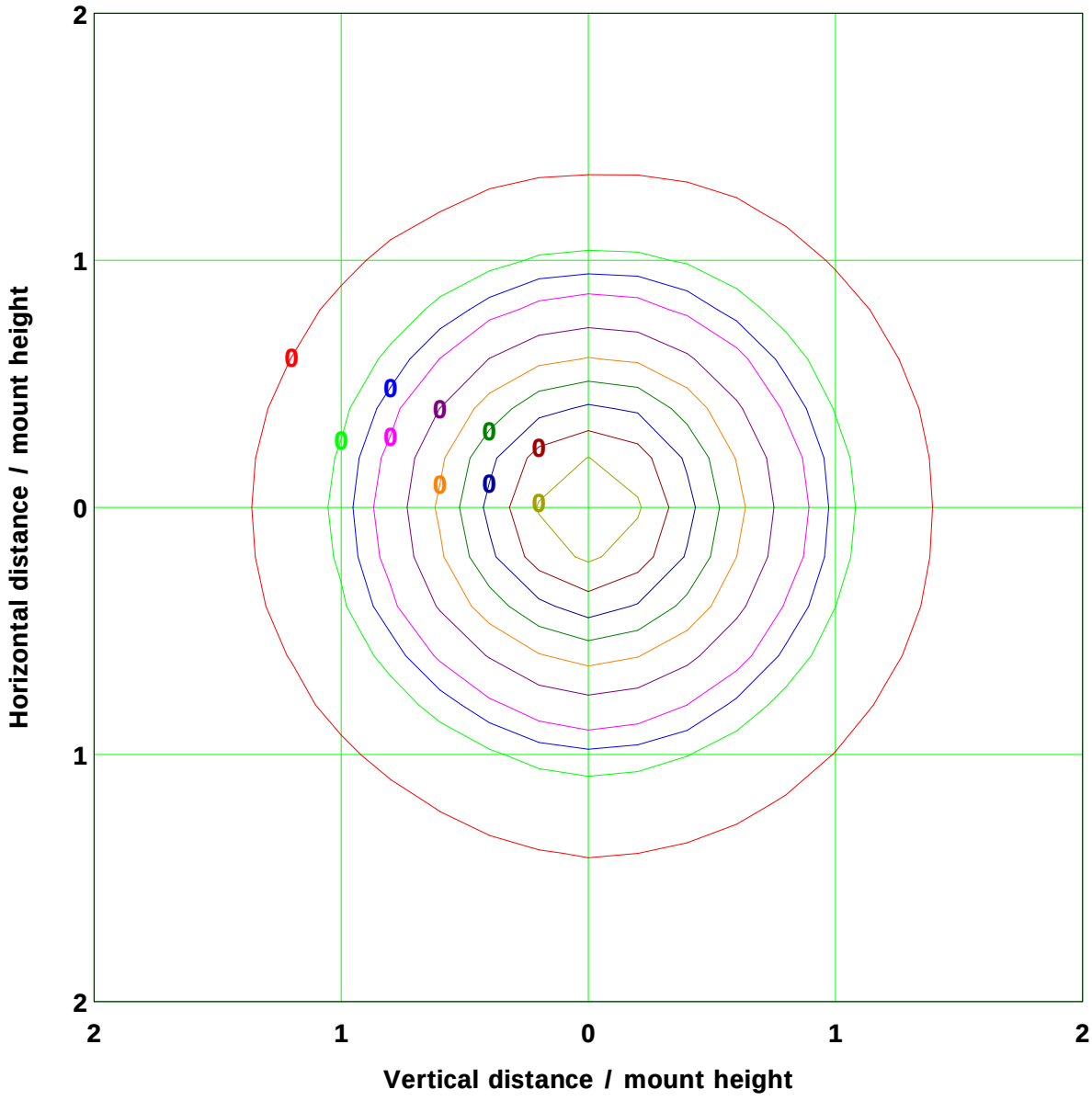
Imax (100%): 7 cd

(10%):	1 cd	(20%):	1 cd
(25%):	2 cd	(30%):	2 cd
(40%):	3 cd	(50%):	4 cd
(60%):	4 cd	(70%):	5 cd
(80%):	6 cd	(90%):	7 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%): 0.3 lx

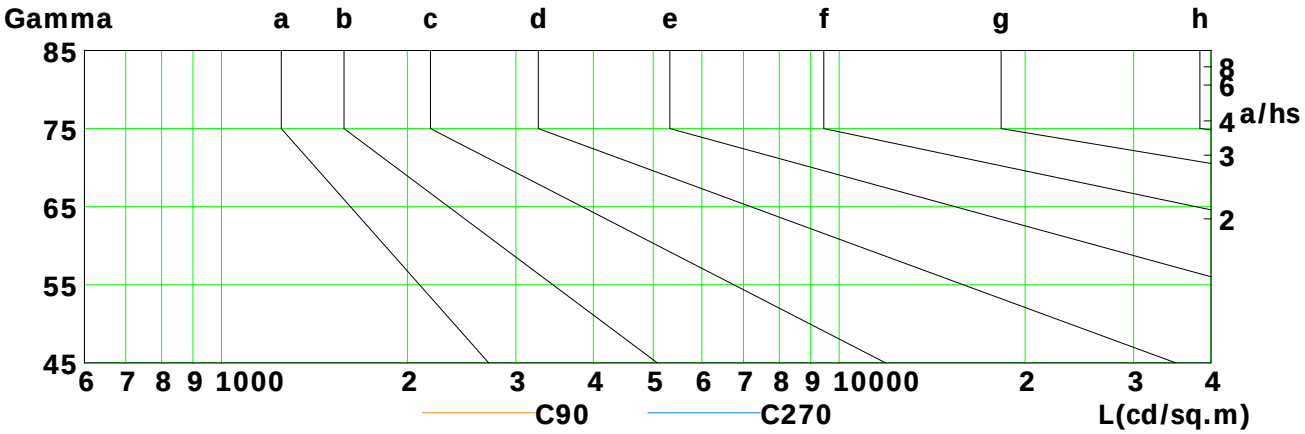
(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.2 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.3 lx

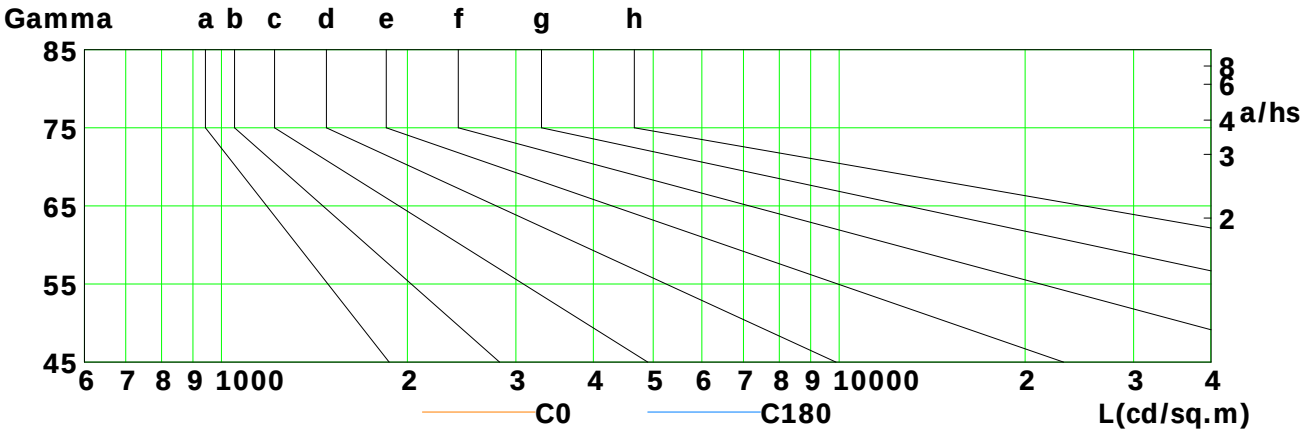
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



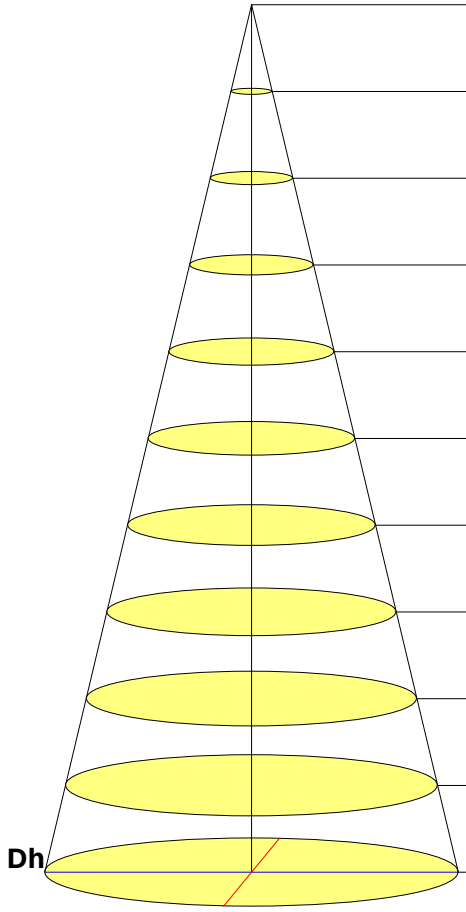


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	345	313	283	232	188	140	84	38	26
C90	486	465	426	385	322	246	169	101	54
C180	315	279	236	188	135	84	38	21	7
C270	463	427	388	335	268	197	124	79	58

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:

Illuminance at a Distance



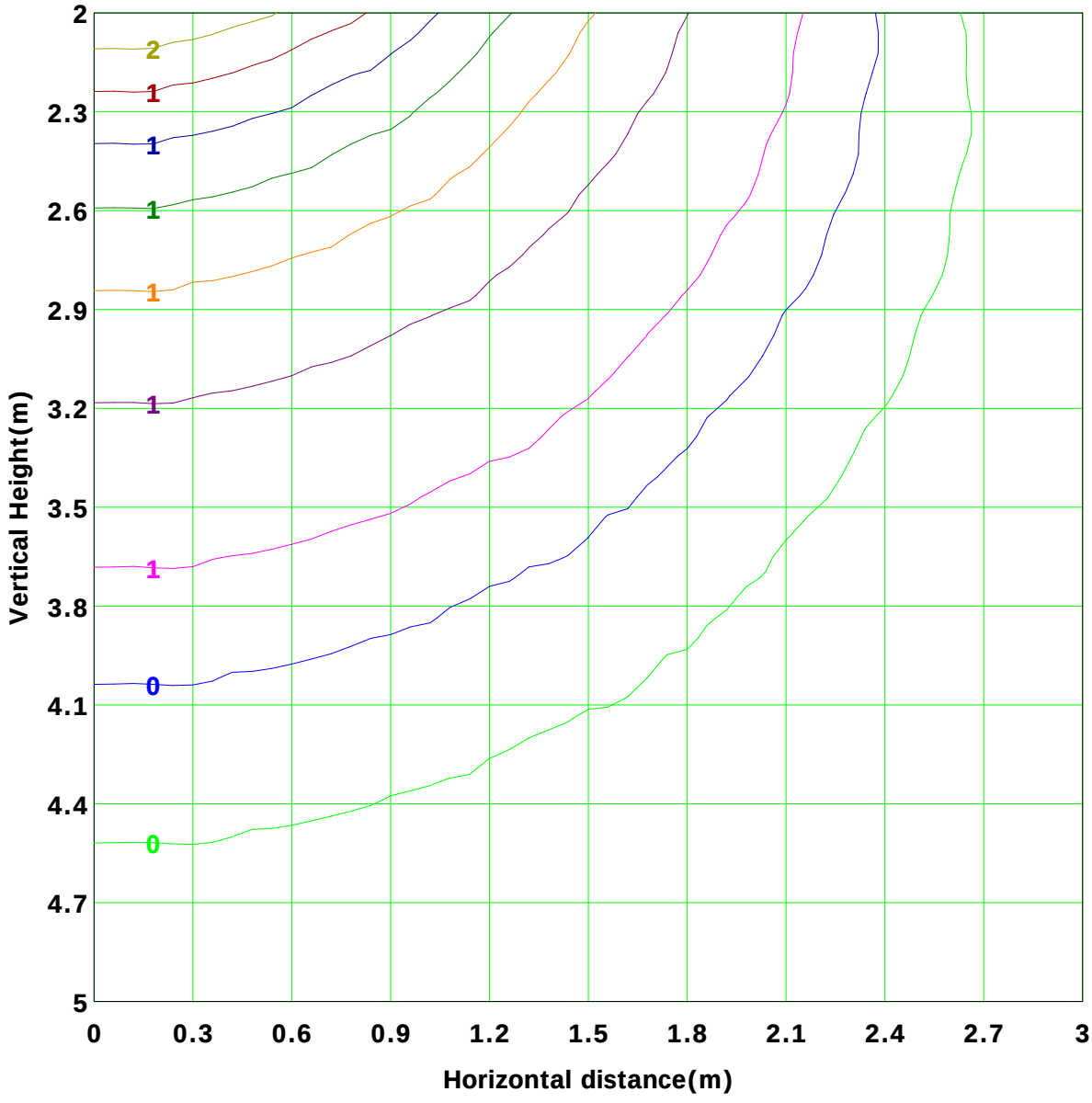
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	7.24	2.71/2.70	5.8	1.34
2.0	1.81	5.42/5.40	23.1	0.33
3.0	0.80	8.13/8.09	51.9	0.15
4.0	0.45	10.84/10.79	92.3	0.08
5.0	0.29	13.55/13.49	144.2	0.05
6.0	0.20	16.26/16.19	207.6	0.04
7.0	0.15	18.97/18.88	282.6	0.03
8.0	0.11	21.68/21.58	369.1	0.02
9.0	0.09	24.39/24.28	467.2	0.02
10.0	0.07	27.10/26.98	576.7	0.01

Beam Angle(B): H107.2 V106.9 Field Angle(F): H148.6 V149.1

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: 1.8 lx

(10%): 0.2 lx	(20%): 0.4 lx
(25%): 0.5 lx	(30%): 0.5 lx
(40%): 0.7 lx	(50%): 0.9 lx
(60%): 1.1 lx	(70%): 1.3 lx
(80%): 1.5 lx	(90%): 1.6 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:

Area Flux Table

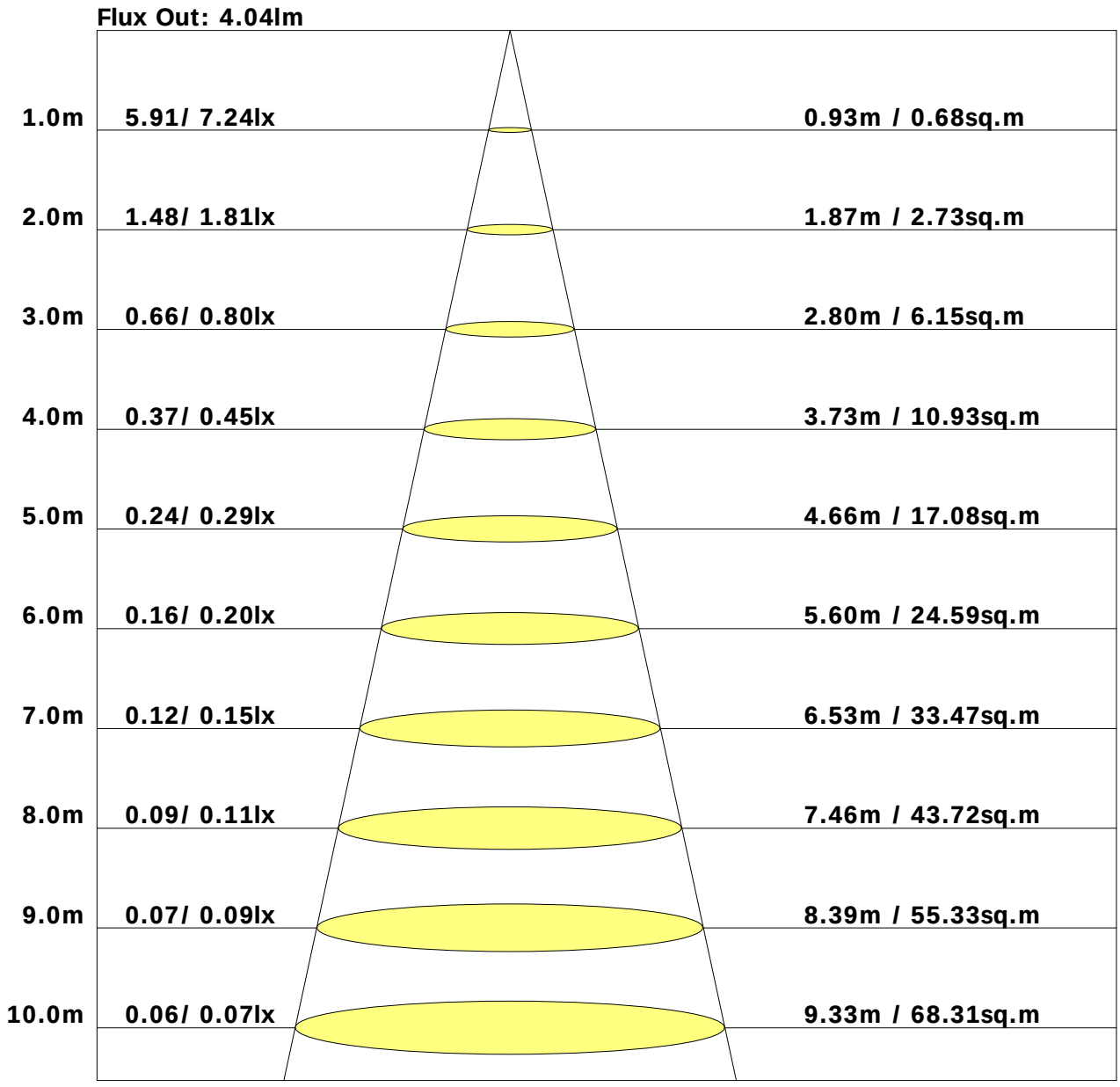
Unit: lm

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	0.0	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	0.2	0.2
-60	0.0	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	0.5	0.5
-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.9
-40	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.4	1.3
-30	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	1.8	1.7
-20	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	2.1	2.0
-10	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	2.2	2.2
0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	2.2	2.2
10	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	2.1	2.1
20	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	1.8	1.8
30	0.0	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	0.1	0.0	0.0	1.4	1.4
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	0.1	0.1	0.1	0.0	0.0	0.0	1.0	1.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
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	0.3	0.2
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
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)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		18
Flux(E)	0.0	0.0	0.2	0.5	0.9	1.4	1.8	2.1	2.2	2.2	2.1	1.8	1.4	1.0	0.6	0.2	0.0	0.0		19	18

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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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:

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	22.1	23.6	22.5	24.0	24.3	21.1	22.6	21.5	23.0	23.4
3H	23.3	24.6	23.7	25.0	25.4	22.1	23.5	22.5	23.8	24.2
4H	23.6	24.8	24.0	25.2	25.7	22.3	23.5	22.7	23.9	24.4
6H	23.7	24.9	24.1	25.3	25.7	22.3	23.5	22.8	23.9	24.4
8H	23.7	24.8	24.2	25.2	25.7	22.3	23.4	22.8	23.9	24.3
12H	23.7	24.8	24.2	25.2	25.7	22.3	23.4	22.8	23.8	24.3
X=4H Y=2H	22.4	23.6	22.8	24.0	24.5	21.6	22.9	22.0	23.2	23.7
3H	23.6	24.7	24.1	25.1	25.6	22.7	23.7	23.1	24.2	24.6
4H	24.0	24.9	24.4	25.4	25.9	22.9	23.8	23.4	24.3	24.8
6H	24.1	24.9	24.6	25.4	25.9	23.0	23.8	23.5	24.3	24.8
8H	24.1	24.9	24.6	25.4	25.9	23.0	23.7	23.5	24.2	24.8
12H	24.2	24.9	24.7	25.4	25.9	23.0	23.6	23.5	24.2	24.7
X=8H Y=4H	24.0	24.7	24.5	25.2	25.7	23.0	23.7	23.5	24.2	24.7
6H	24.1	24.8	24.7	25.3	25.8	23.1	23.7	23.6	24.2	24.8
8H	24.2	24.7	24.7	25.3	25.8	23.1	23.6	23.6	24.2	24.7
12H	24.2	24.7	24.8	25.2	25.8	23.1	23.6	23.6	24.1	24.7
X=12H Y=4H	23.9	24.6	24.5	25.1	25.7	23.0	23.6	23.5	24.2	24.7
6H	24.1	24.7	24.7	25.2	25.8	23.1	23.6	23.6	24.1	24.7
8H	24.1	24.6	24.7	25.2	25.8	23.1	23.6	23.6	24.1	24.7

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	0.59	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.52	0.63	0.70	0.76	0.84	0.89	0.93	0.98	1.01
	0.20		0.46	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.98
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.69	0.74	0.81	0.86	0.90	0.94	0.97
	0.20		0.46	0.56	0.64	0.69	0.77	0.83	0.86	0.91	0.95
0.30	0.50	0.20	0.56	0.65	0.72	0.77	0.83	0.87	0.90	0.93	0.95
	0.30		0.50	0.60	0.67	0.72	0.79	0.83	0.87	0.91	0.93
	0.20		0.45	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.91
0.00	0.00	0.00	0.43	0.53	0.60	0.65	0.72	0.76	0.79	0.84	0.86

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 = 1.25								
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	0.95	0.77	0.65	0.56	0.44	0.36	0.31	0.24	0.19
	0.30		0.79	0.66	0.56	0.49	0.40	0.33	0.29	0.22	0.18
	0.20		0.68	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.17
0.50	0.50	0.20	0.91	0.73	0.62	0.53	0.42	0.38	0.29	0.22	0.18
	0.30		0.77	0.64	0.54	0.48	0.38	0.32	0.27	0.21	0.17
	0.20		0.67	0.56	0.49	0.43	0.35	0.30	0.26	0.20	0.17
0.30	0.50	0.20	0.88	0.70	0.59	0.51	0.40	0.32	0.27	0.21	0.17
	0.30		0.75	0.62	0.53	0.46	0.37	0.30	0.26	0.20	0.16
	0.20		0.66	0.55	0.48	0.42	0.34	0.28	0.24	0.19	0.16
0.00	0.00	0.00	0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.11

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 = 1.25								
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	0.19	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	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.17	0.19	0.19	0.20	0.21	0.21	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	0.09	0.10	0.11	0.13	0.15	0.16	0.18	0.19
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	0.16	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	7.2	0.0	0.0	0.04	0.04
1.0-2.0	7.2	0.0	0.0	0.11	0.14
2.0-3.0	7.2	0.0	0.1	0.18	0.33
3.0-4.0	7.2	0.0	0.1	0.25	0.58
4.0-5.0	7.2	0.1	0.2	0.32	0.90
5.0-6.0	7.2	0.1	0.2	0.40	1.30
6.0-7.0	7.2	0.1	0.3	0.46	1.76
7.0-8.0	7.2	0.1	0.4	0.54	2.30
8.0-9.0	7.1	0.1	0.6	0.60	2.90
9.0-10.0	7.1	0.1	0.7	0.67	3.58
10.0-11.0	7.1	0.1	0.8	0.74	4.32
11.0-12.0	7.1	0.2	1.0	0.81	5.12
12.0-13.0	7.0	0.2	1.1	0.87	5.99
13.0-14.0	7.0	0.2	1.3	0.94	6.93
14.0-15.0	7.0	0.2	1.5	1.00	7.93
15.0-16.0	6.9	0.2	1.7	1.06	8.99
16.0-17.0	6.9	0.2	1.9	1.12	10.12
17.0-18.0	6.9	0.2	2.2	1.18	11.30
18.0-19.0	6.8	0.2	2.4	1.24	12.55
19.0-20.0	6.8	0.2	2.7	1.30	13.85
20.0-21.0	6.7	0.3	2.9	1.35	15.20
21.0-22.0	6.7	0.3	3.2	1.41	16.61
22.0-23.0	6.6	0.3	3.5	1.46	18.06
23.0-24.0	6.6	0.3	3.7	1.50	19.56
24.0-25.0	6.5	0.3	4.0	1.55	21.11
25.0-26.0	6.5	0.3	4.3	1.59	22.70
26.0-27.0	6.4	0.3	4.7	1.63	24.33
27.0-28.0	6.3	0.3	5.0	1.67	26.00
28.0-29.0	6.2	0.3	5.3	1.71	27.71
29.0-30.0	6.2	0.3	5.6	1.74	29.45
30.0-31.0	6.1	0.3	6.0	1.77	31.22
31.0-32.0	6.0	0.3	6.3	1.80	33.01
32.0-33.0	5.9	0.3	6.7	1.82	34.84
33.0-34.0	5.8	0.4	7.0	1.85	36.68
34.0-35.0	5.7	0.4	7.4	1.86	38.55
35.0-36.0	5.7	0.4	7.7	1.88	40.43

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	5.6	0.4	8.1	1.90	42.33
37.0-38.0	5.5	0.4	8.5	1.91	44.24
38.0-39.0	5.4	0.4	8.8	1.92	46.16
39.0-40.0	5.3	0.4	9.2	1.93	48.09
40.0-41.0	5.2	0.4	9.6	1.93	50.01
41.0-42.0	5.1	0.4	9.9	1.92	51.93
42.0-43.0	5.0	0.4	10.3	1.92	53.85
43.0-44.0	4.8	0.4	10.7	1.91	55.76
44.0-45.0	4.7	0.4	11.0	1.90	57.66
45.0-46.0	4.6	0.4	11.4	1.89	59.55
46.0-47.0	4.5	0.4	11.8	1.88	61.43
47.0-48.0	4.4	0.4	12.1	1.87	63.30
48.0-49.0	4.3	0.4	12.5	1.84	65.14
49.0-50.0	4.2	0.3	12.8	1.81	66.95
50.0-51.0	4.0	0.3	13.2	1.78	68.73
51.0-52.0	3.9	0.3	13.5	1.75	70.48
52.0-53.0	3.8	0.3	13.8	1.71	72.19
53.0-54.0	3.6	0.3	14.1	1.68	73.87
54.0-55.0	3.5	0.3	14.4	1.63	75.50
55.0-56.0	3.4	0.3	14.8	1.58	77.09
56.0-57.0	3.2	0.3	15.0	1.53	78.62
57.0-58.0	3.1	0.3	15.3	1.48	80.10
58.0-59.0	2.9	0.3	15.6	1.43	81.52
59.0-60.0	2.8	0.3	15.9	1.37	82.89
60.0-61.0	2.6	0.3	16.1	1.31	84.20
61.0-62.0	2.5	0.2	16.4	1.25	85.46
62.0-63.0	2.3	0.2	16.6	1.19	86.64
63.0-64.0	2.2	0.2	16.8	1.12	87.76
64.0-65.0	2.0	0.2	17.0	1.05	88.81
65.0-66.0	1.9	0.2	17.2	0.99	89.79
66.0-67.0	1.7	0.2	17.4	0.91	90.71
67.0-68.0	1.6	0.2	17.5	0.83	91.54
68.0-69.0	1.4	0.1	17.7	0.77	92.31
69.0-70.0	1.3	0.1	17.8	0.71	93.02
70.0-71.0	1.2	0.1	17.9	0.64	93.65
71.0-72.0	1.0	0.1	18.0	0.57	94.22

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	0.9	0.1	18.1	0.51	94.73
73.0-74.0	0.8	0.1	18.2	0.45	95.17
74.0-75.0	0.7	0.1	18.3	0.39	95.56
75.0-76.0	0.6	0.1	18.4	0.35	95.91
76.0-77.0	0.5	0.1	18.4	0.30	96.21
77.0-78.0	0.5	0.0	18.5	0.26	96.47
78.0-79.0	0.4	0.0	18.5	0.22	96.69
79.0-80.0	0.3	0.0	18.5	0.19	96.88
80.0-81.0	0.3	0.0	18.6	0.16	97.04
81.0-82.0	0.2	0.0	18.6	0.14	97.18
82.0-83.0	0.2	0.0	18.6	0.11	97.28
83.0-84.0	0.2	0.0	18.6	0.09	97.37
84.0-85.0	0.1	0.0	18.7	0.08	97.45
85.0-86.0	0.1	0.0	18.7	0.06	97.52
86.0-87.0	0.1	0.0	18.7	0.06	97.57
87.0-88.0	0.1	0.0	18.7	0.05	97.62
88.0-89.0	0.1	0.0	18.7	0.04	97.66
89.0-90.0	0.1	0.0	18.7	0.04	97.70
90.0-91.0	0.1	0.0	18.7	0.04	97.73
91.0-92.0	0.1	0.0	18.7	0.04	97.77
92.0-93.0	0.1	0.0	18.7	0.04	97.81
93.0-94.0	0.1	0.0	18.7	0.04	97.85
94.0-95.0	0.1	0.0	18.7	0.04	97.89
95.0-96.0	0.1	0.0	18.7	0.04	97.93
96.0-97.0	0.1	0.0	18.7	0.04	97.97
97.0-98.0	0.1	0.0	18.8	0.05	98.01
98.0-99.0	0.1	0.0	18.8	0.05	98.06
99.0-100.0	0.1	0.0	18.8	0.04	98.11
100.0-101.0	0.1	0.0	18.8	0.05	98.15
101.0-102.0	0.1	0.0	18.8	0.05	98.21
102.0-103.0	0.1	0.0	18.8	0.05	98.26
103.0-104.0	0.1	0.0	18.8	0.05	98.31
104.0-105.0	0.1	0.0	18.8	0.05	98.36
105.0-106.0	0.1	0.0	18.8	0.05	98.42
106.0-107.0	0.1	0.0	18.8	0.05	98.47
107.0-108.0	0.1	0.0	18.9	0.05	98.52

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	18.9	0.05	98.57
109.0-110.0	0.1	0.0	18.9	0.05	98.61
110.0-111.0	0.1	0.0	18.9	0.05	98.66
111.0-112.0	0.1	0.0	18.9	0.04	98.70
112.0-113.0	0.1	0.0	18.9	0.04	98.74
113.0-114.0	0.1	0.0	18.9	0.04	98.78
114.0-115.0	0.1	0.0	18.9	0.04	98.82
115.0-116.0	0.1	0.0	18.9	0.04	98.86
116.0-117.0	0.1	0.0	18.9	0.04	98.90
117.0-118.0	0.1	0.0	18.9	0.03	98.93
118.0-119.0	0.1	0.0	18.9	0.04	98.97
119.0-120.0	0.1	0.0	18.9	0.04	99.01
120.0-121.0	0.1	0.0	19.0	0.03	99.04
121.0-122.0	0.1	0.0	19.0	0.03	99.07
122.0-123.0	0.1	0.0	19.0	0.03	99.10
123.0-124.0	0.1	0.0	19.0	0.03	99.13
124.0-125.0	0.1	0.0	19.0	0.03	99.16
125.0-126.0	0.1	0.0	19.0	0.03	99.19
126.0-127.0	0.1	0.0	19.0	0.03	99.22
127.0-128.0	0.1	0.0	19.0	0.02	99.24
128.0-129.0	0.1	0.0	19.0	0.02	99.26
129.0-130.0	0.1	0.0	19.0	0.03	99.29
130.0-131.0	0.1	0.0	19.0	0.02	99.32
131.0-132.0	0.1	0.0	19.0	0.02	99.34
132.0-133.0	0.1	0.0	19.0	0.02	99.36
133.0-134.0	0.1	0.0	19.0	0.03	99.39
134.0-135.0	0.1	0.0	19.0	0.02	99.41
135.0-136.0	0.1	0.0	19.0	0.02	99.43
136.0-137.0	0.1	0.0	19.0	0.02	99.46
137.0-138.0	0.1	0.0	19.0	0.02	99.48
138.0-139.0	0.1	0.0	19.0	0.02	99.51
139.0-140.0	0.1	0.0	19.0	0.03	99.53
140.0-141.0	0.1	0.0	19.1	0.02	99.55
141.0-142.0	0.1	0.0	19.1	0.02	99.58
142.0-143.0	0.1	0.0	19.1	0.02	99.60
143.0-144.0	0.1	0.0	19.1	0.02	99.62

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	0.1	0.0	19.1	0.02	99.64
145.0-146.0	0.1	0.0	19.1	0.02	99.67
146.0-147.0	0.1	0.0	19.1	0.02	99.69
147.0-148.0	0.1	0.0	19.1	0.02	99.71
148.0-149.0	0.1	0.0	19.1	0.02	99.73
149.0-150.0	0.1	0.0	19.1	0.02	99.75
150.0-151.0	0.1	0.0	19.1	0.02	99.77
151.0-152.0	0.1	0.0	19.1	0.02	99.78
152.0-153.0	0.1	0.0	19.1	0.02	99.80
153.0-154.0	0.1	0.0	19.1	0.02	99.82
154.0-155.0	0.0	0.0	19.1	0.01	99.83
155.0-156.0	0.1	0.0	19.1	0.01	99.84
156.0-157.0	0.1	0.0	19.1	0.01	99.86
157.0-158.0	0.0	0.0	19.1	0.01	99.87
158.0-159.0	0.0	0.0	19.1	0.01	99.88
159.0-160.0	0.0	0.0	19.1	0.01	99.89
160.0-161.0	0.0	0.0	19.1	0.01	99.90
161.0-162.0	0.1	0.0	19.1	0.01	99.91
162.0-163.0	0.1	0.0	19.1	0.01	99.92
163.0-164.0	0.1	0.0	19.1	0.01	99.93
164.0-165.0	0.1	0.0	19.1	0.01	99.94
165.0-166.0	0.1	0.0	19.1	0.01	99.94
166.0-167.0	0.0	0.0	19.1	0.01	99.95
167.0-168.0	0.0	0.0	19.1	0.01	99.96
168.0-169.0	0.0	0.0	19.1	0.01	99.96
169.0-170.0	0.1	0.0	19.1	0.01	99.97
170.0-171.0	0.1	0.0	19.1	0.01	99.97
171.0-172.0	0.1	0.0	19.1	0.01	99.98
172.0-173.0	0.1	0.0	19.1	0.01	99.98
173.0-174.0	0.1	0.0	19.1	0.00	99.99
174.0-175.0	0.1	0.0	19.1	0.00	99.99
175.0-176.0	0.1	0.0	19.1	0.00	99.99
176.0-177.0	0.1	0.0	19.1	0.00	100.00
177.0-178.0	0.1	0.0	19.1	0.00	100.00
178.0-179.0	0.1	0.0	19.1	0.00	100.00
179.0-180.0	0.1	0.0	19.1	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: