Report No.: **Test Time: 2022/1/13 10:49**

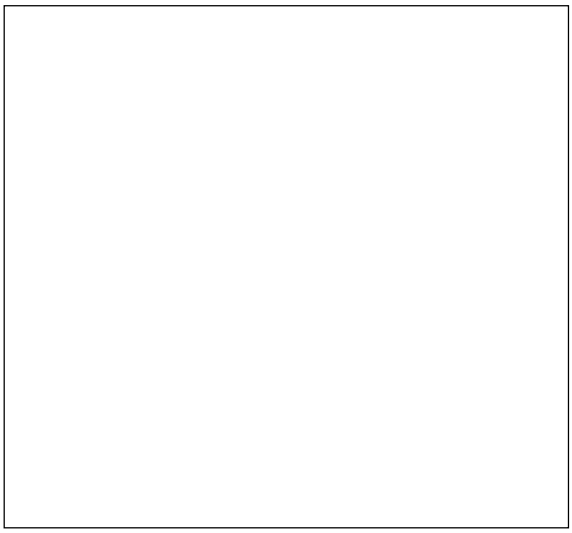
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Double Row Ribbonlyte
Luminaire Description: DRRB0RGBWAS22012.0RGB35
Lamp Catalog: 5050-RGBW4IN1 **Lamp Description: WHITE**
Number of Lamps: 240/M **Luminous Length (mm): 500**
Luminous Width (mm): 26 **Luminous Height (mm): 2**
Voltage: 24.0 V **Current: 0.226 A**
Power: 5.43 W **Power Factor: 1.000**

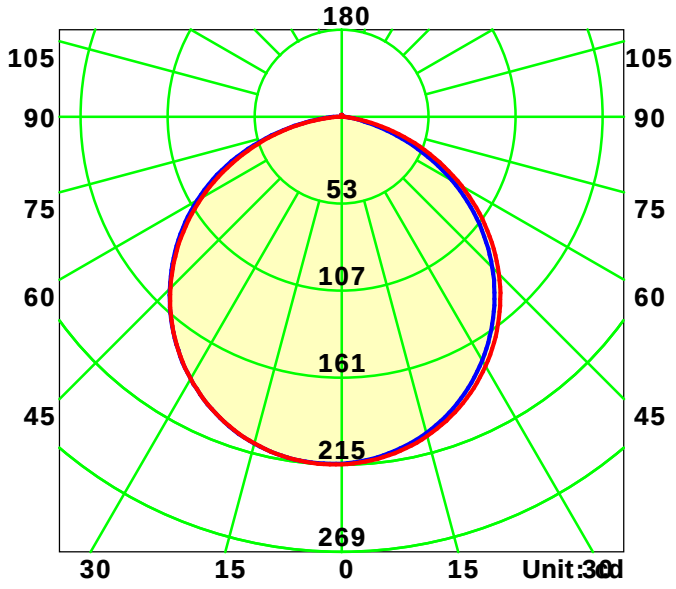
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 604.2 lm**
Measurement Flux: 604.2 lm **Efficiency: 100%**
Downward Ratio: 100% **Upward Ratio: 0%**
Horizontal Diffuse Angle(10%,50%): H156.8,H111
Vertical Diffuse Angle(10%,50%): V158.1,V111.9
Luminaire Efficacy Rating (LER): 111.32 **Central Intensity: 215.06 cd**
Max. Intensity: 215.84 cd **Pos of Max. Intensity: H150 V0**
S/MH(C0/C180): 1.25 **S/MH(C90/C270): 1.26**

Picture Of Luminaire



Luminous Intensity Distribution Curve

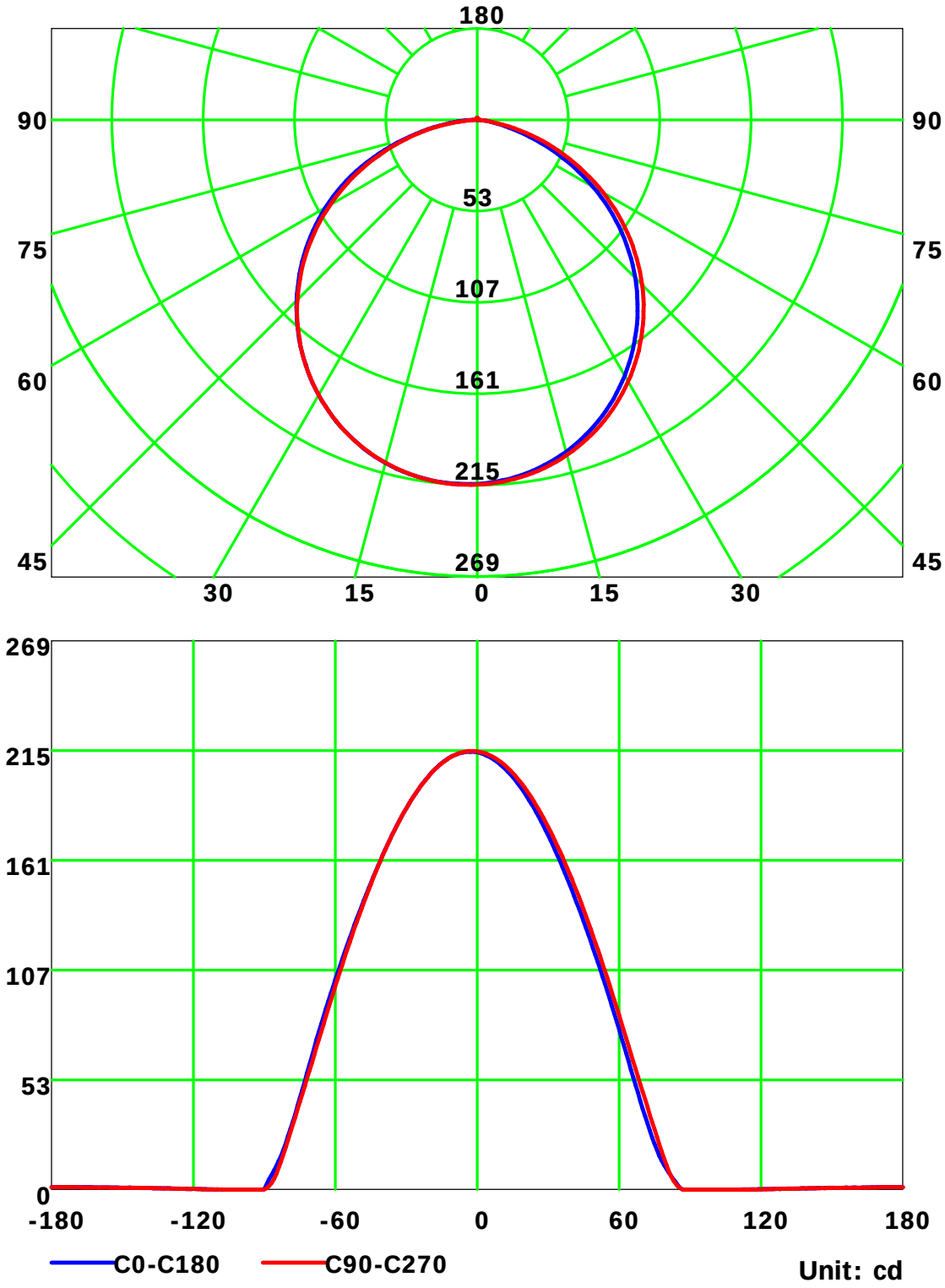


Average Diffuse Angle(50%): 111.4°

C0-C180 **C90-C270**

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: 9.390 m**
Temperature: 25 **Humidity: 60%**
Operator: jacky **Inspector:**

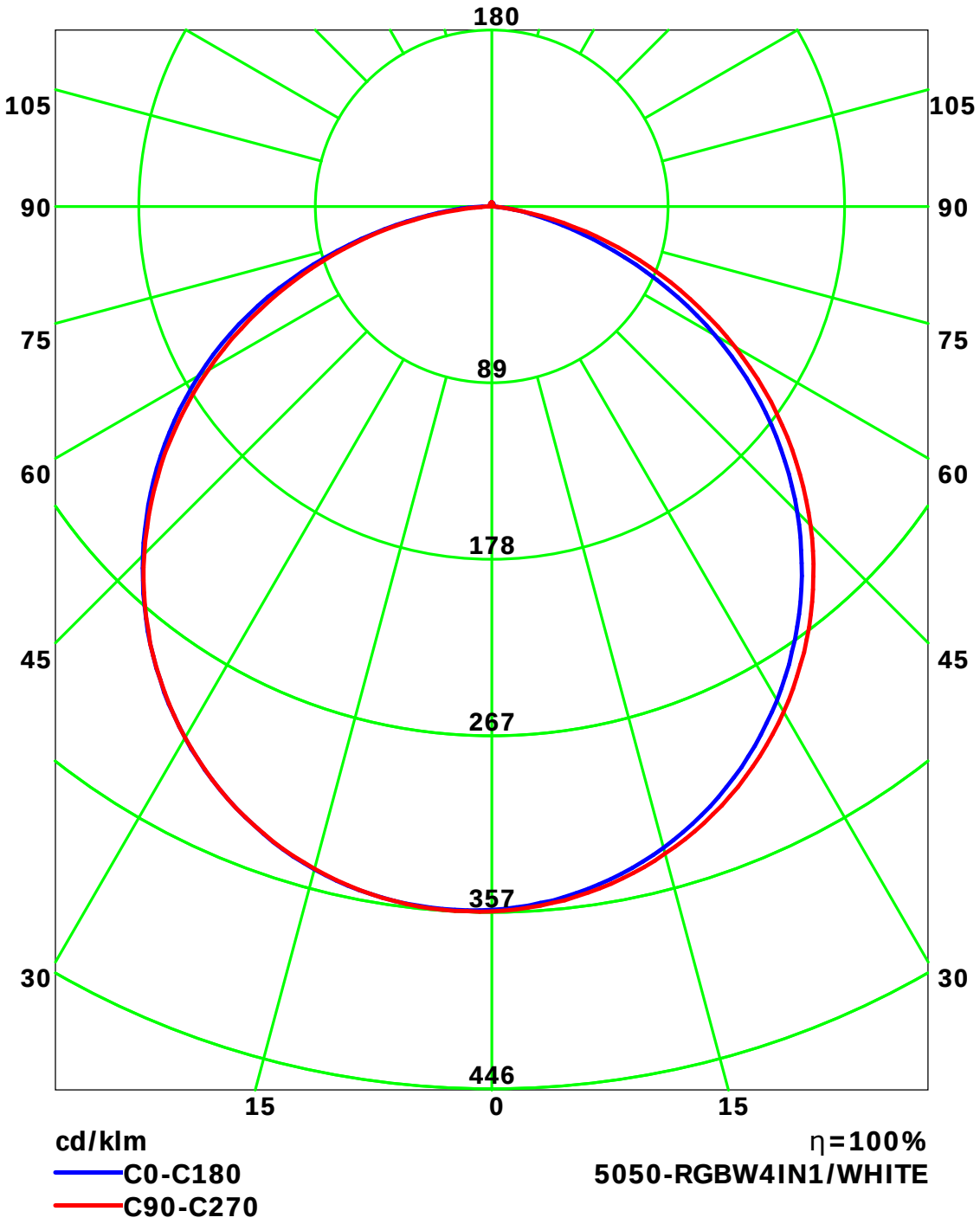
Luminous Intensity Distribution Curve



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: 9.390 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

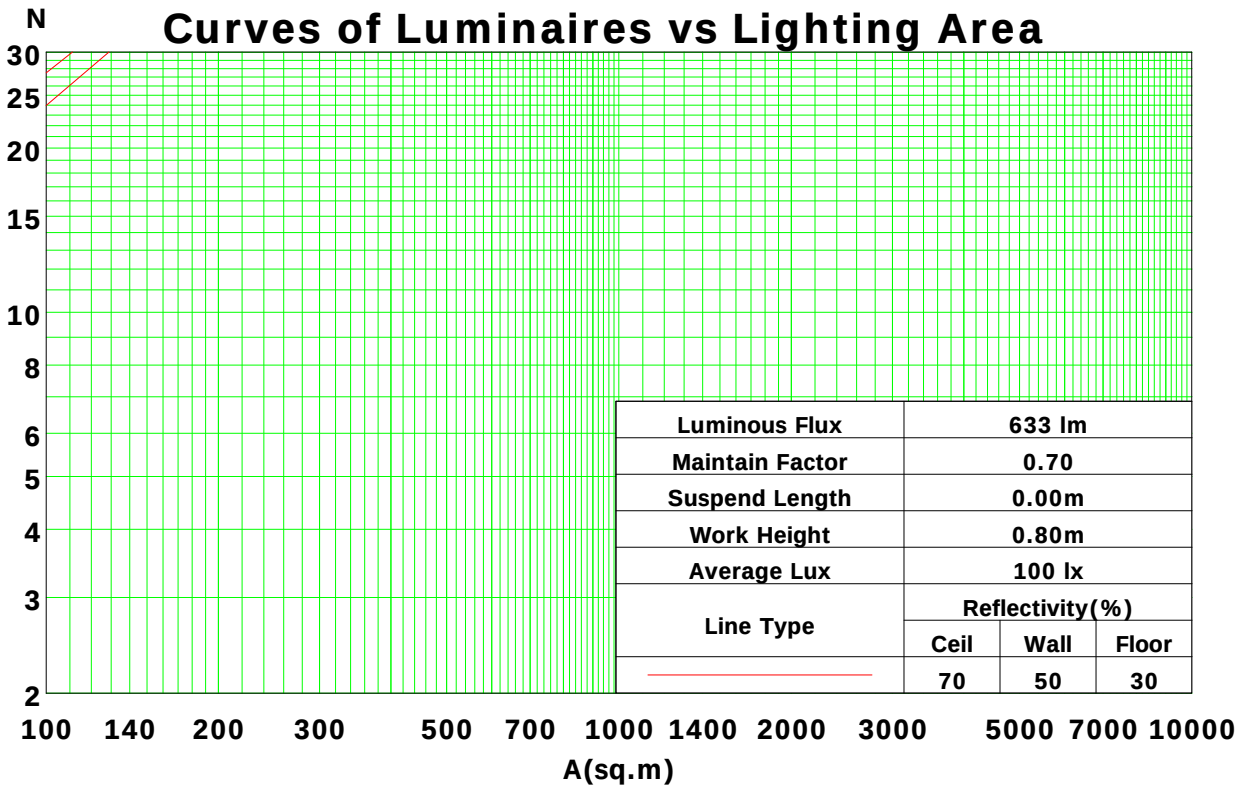
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

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	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	50
5	76	63	54	48	74	62	54	47	60	53	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	43	37	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	31	26	24

Spacing Criteria (0-180): 1.25
Spacing Criteria (90-270): 1.26
Spacing Criteria (Diagonal): 1.37

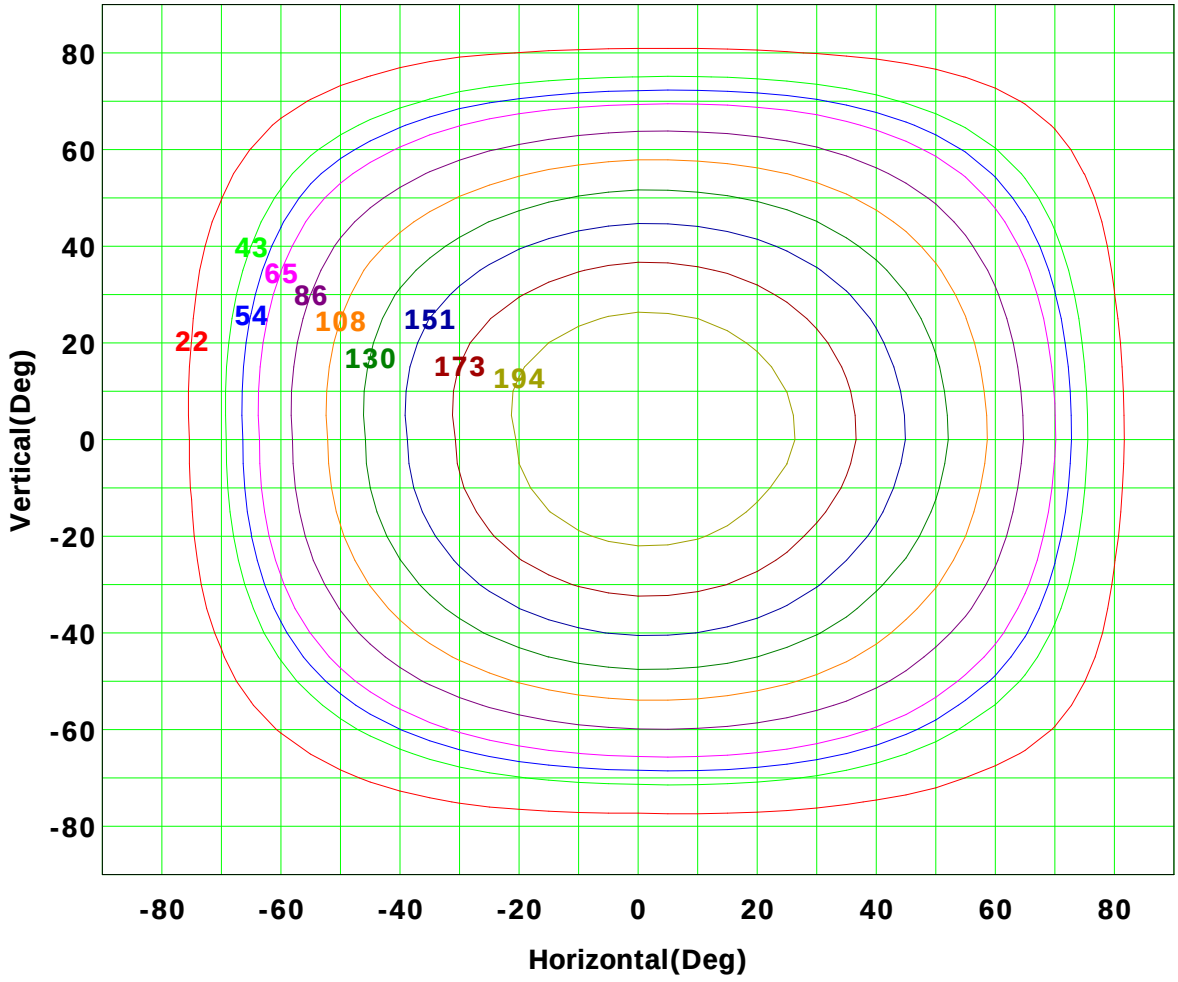
Curves of Luminaires vs Lighting Area



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: 9.390 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



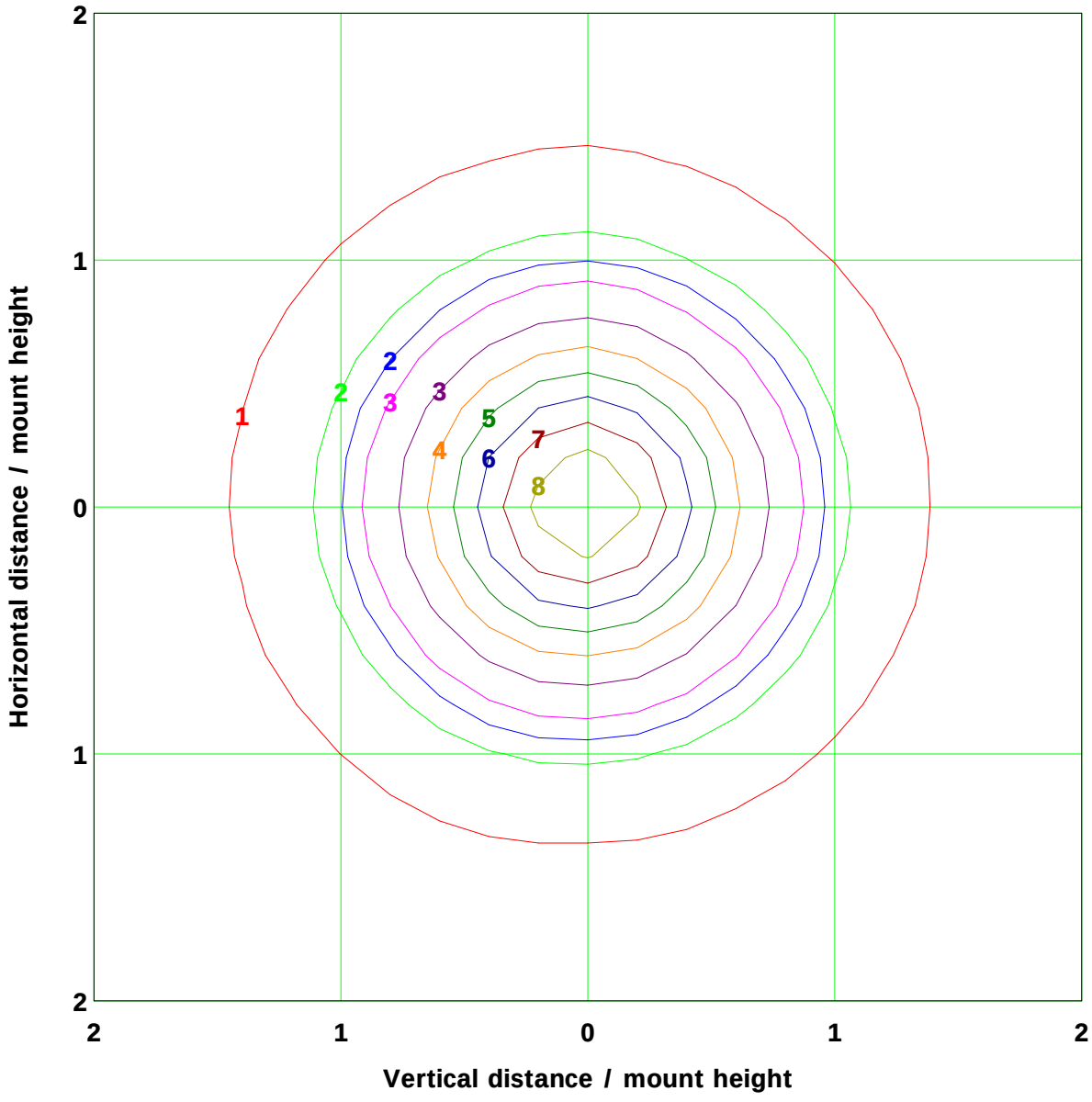
Imax (100%): 216 cd

(10%):	22 cd	(20%):	43 cd
(25%):	54 cd	(30%):	65 cd
(40%):	86 cd	(50%):	108 cd
(60%):	130 cd	(70%):	151 cd
(80%):	173 cd	(90%):	194 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: 9.390 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 8.6 lx

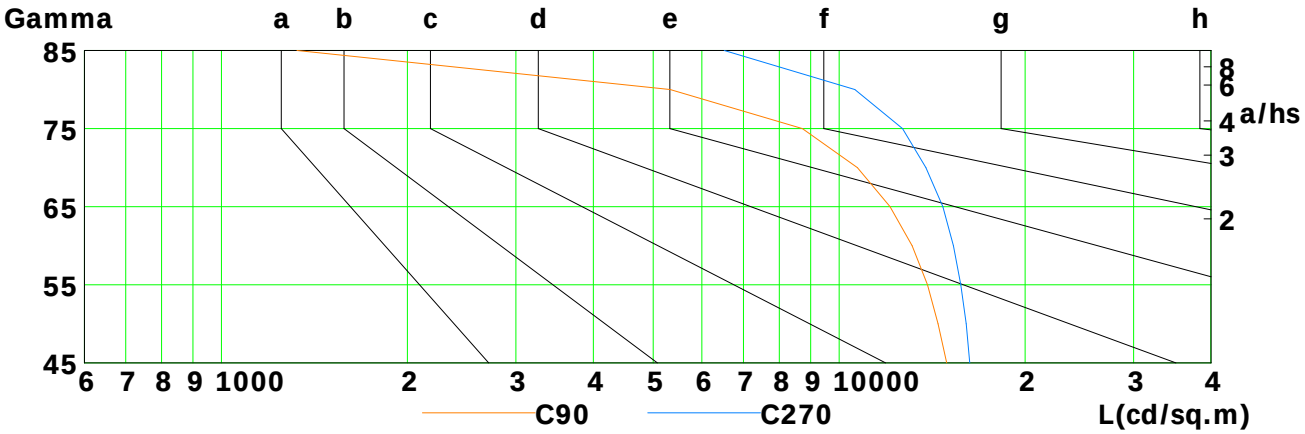
(10%): 0.9 lx	(20%): 1.7 lx
(25%): 2.2 lx	(30%): 2.6 lx
(40%): 3.5 lx	(50%): 4.3 lx
(60%): 5.2 lx	(70%): 6.0 lx
(80%): 6.9 lx	(90%): 7.8 lx

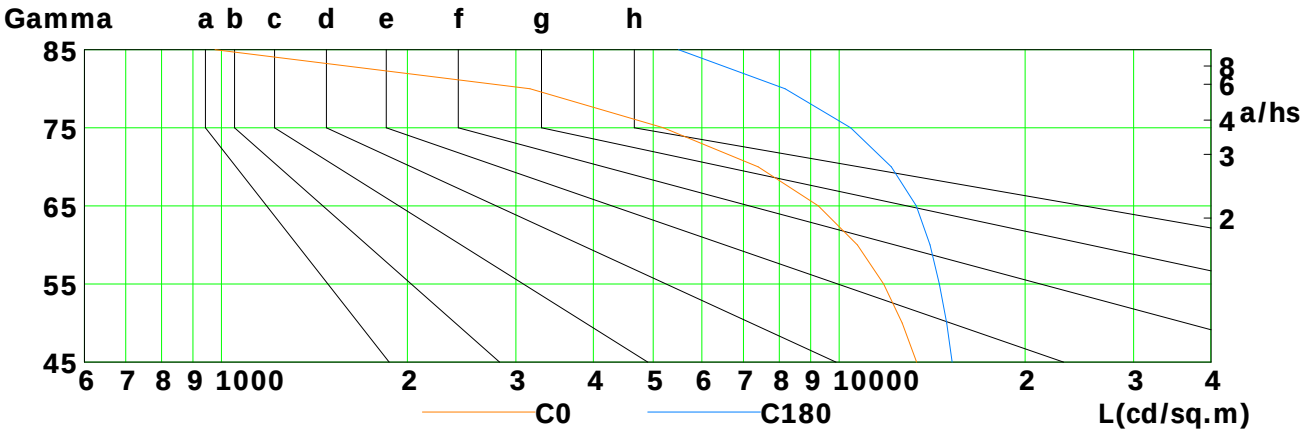
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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



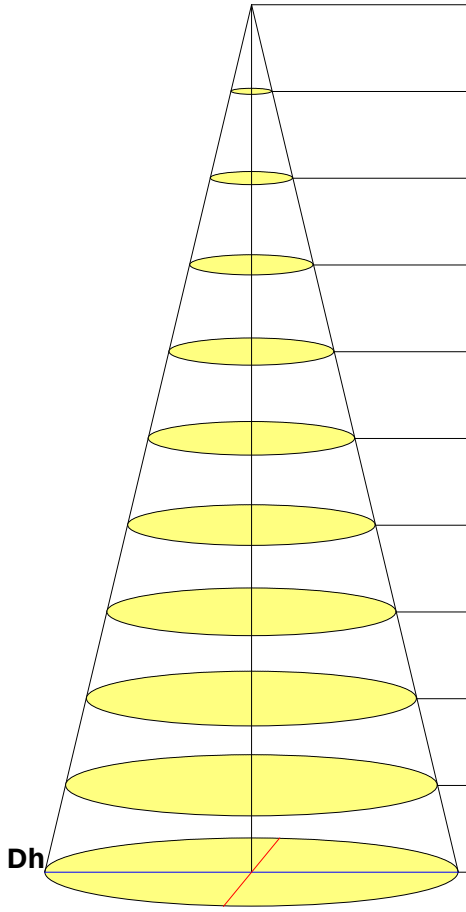


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13347	12655	11805	10710	9256	7395	5196	3158	977
C90	14940	14467	13900	13126	12091	10709	8718	5328	1325
C180	15242	14932	14539	14043	13338	12146	10442	8183	5500
C270	16279	16065	15743	15314	14721	13822	12671	10612	6516

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: 9.390 m
Humidity: 60%
Inspector:

Illuminance at a Distance



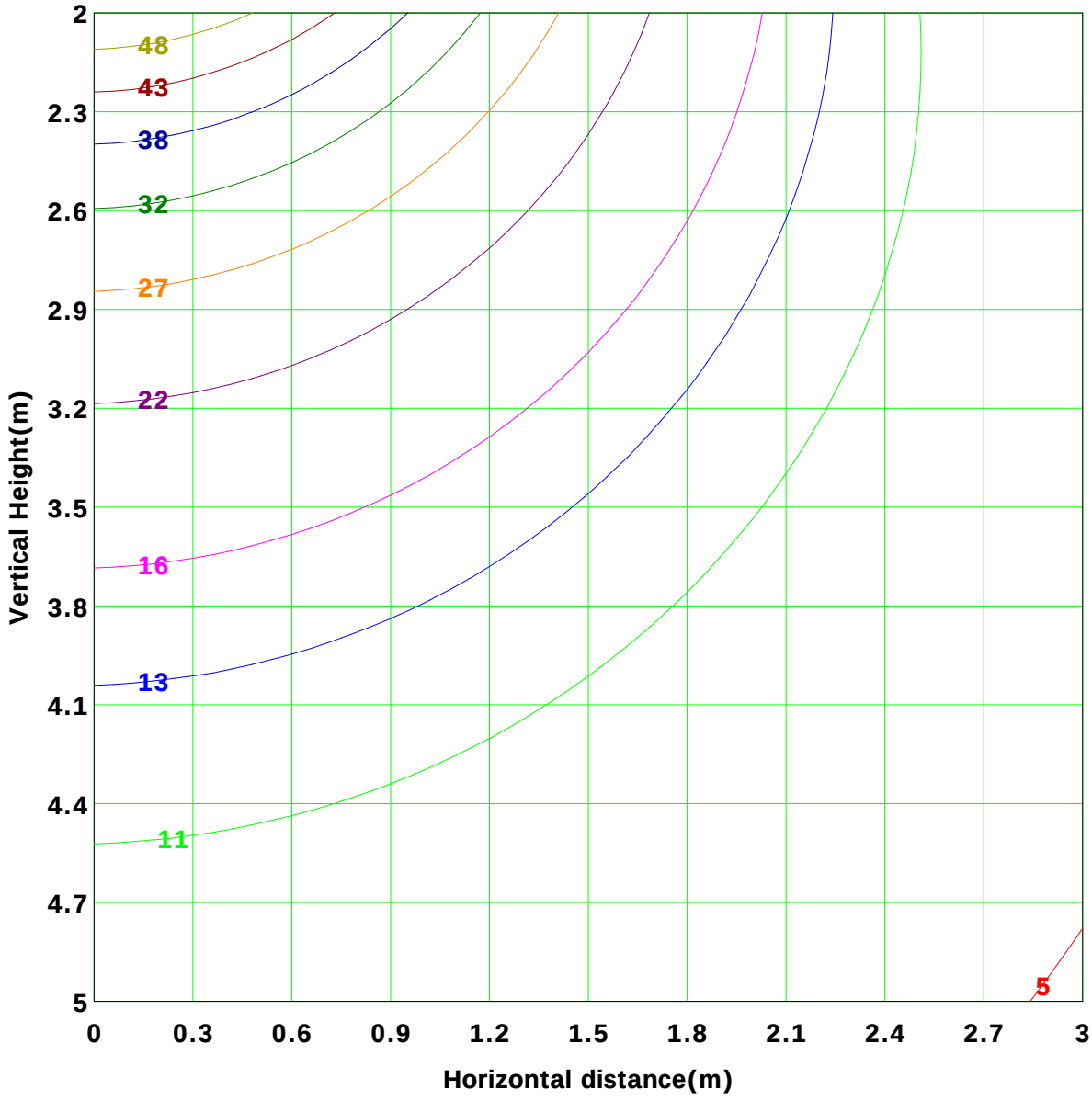
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	215.06	2.91/2.96	6.9	35.57
2.0	53.76	5.82/5.92	27.6	8.89
3.0	23.90	8.73/8.87	62.1	3.95
4.0	13.44	11.64/11.83	110.4	2.22
5.0	8.60	14.55/14.79	172.6	1.42
6.0	5.97	17.46/17.75	248.5	0.99
7.0	4.39	20.37/20.71	338.2	0.73
8.0	3.36	23.28/23.66	441.8	0.56
9.0	2.66	26.19/26.62	559.1	0.44
10.0	2.15	29.10/29.58	690.3	0.36

Beam Angle(B): H111.0 V111.9 Field Angle(F): H156.8 V158.1

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: 9.390 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 53.8 lx

(10%): 5.4 lx
(20%): 10.8 lx
(25%): 13.4 lx
(30%): 16.1 lx
(40%): 21.5 lx
(50%): 26.9 lx
(60%): 32.3 lx
(70%): 37.6 lx
(80%): 43.0 lx
(90%): 48.4 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: 9.390 m
Humidity: 60%
Inspector:

Area Flux Table

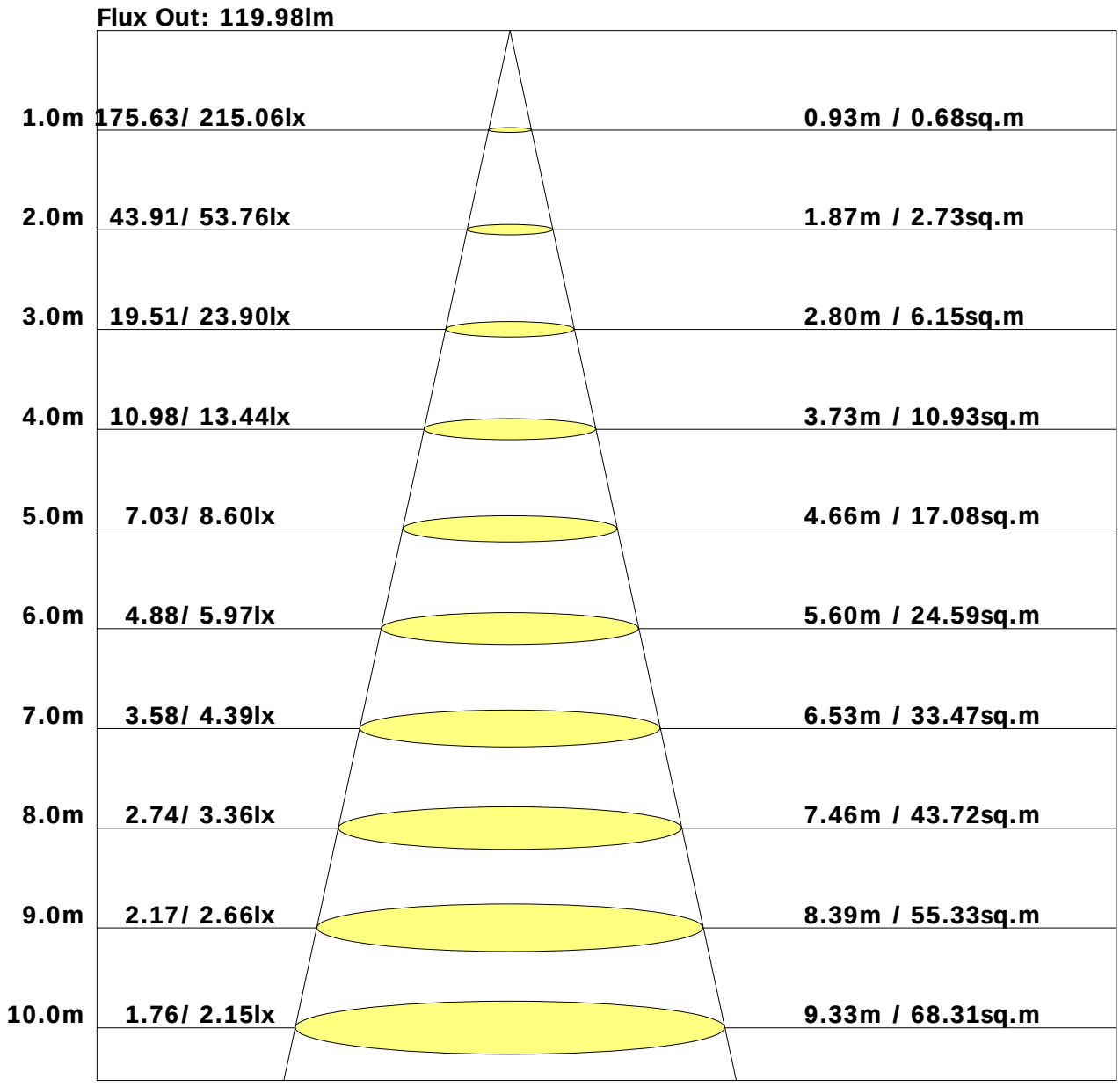
Unit: lm

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)
Horizontal plane	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1
-90	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.3	1.3	1.3	1.2	1.0	0.8	0.5	0.3	0.2	0.1	0.0	0.0	3.8	3.2
-80	0.1	0.2	0.4	0.7	1.1	1.4	1.7	2.0	2.1	2.1	2.0	1.9	1.7	1.4	1.1	0.8	0.6	0.4	0.2	11.3	10.7
-70	0.1	0.4	0.7	1.2	1.8	2.2	2.6	3.1	3.2	3.2	3.1	2.9	2.6	2.2	1.8	1.4	1.0	0.7	0.4	21.9	21.3
-60	0.2	0.5	1.1	1.8	2.4	3.0	3.6	4.0	4.3	4.4	4.3	4.0	3.6	3.0	2.4	1.9	1.4	1.0	0.6	34.2	33.7
-50	0.2	0.7	1.4	2.2	3.0	3.8	4.4	4.9	5.2	5.4	5.3	4.9	4.4	3.8	3.0	2.3	1.7	1.2	0.8	46.8	46.3
-40	0.3	0.9	1.7	2.6	3.6	4.4	5.0	5.6	6.0	6.1	6.0	5.6	5.0	4.3	3.4	2.6	1.9	1.3	0.9	57.9	57.4
-30	0.3	0.9	1.7	2.6	3.6	4.4	5.0	5.6	6.0	6.1	6.0	5.6	5.0	4.3	3.4	2.6	1.9	1.3	0.9	66.0	65.5
-20	0.3	1.0	1.9	2.9	4.0	4.9	5.6	5.9	6.3	6.5	6.5	5.9	5.3	4.5	3.6	2.7	2.0	1.3	0.9	70.0	69.5
-10	0.4	1.1	2.0	3.1	4.3	5.2	6.0	6.3	6.5	6.5	6.3	5.9	5.3	4.5	3.5	2.7	2.0	1.3	0.9	69.4	68.9
0	0.4	1.1	2.1	3.2	4.4	5.4	6.1	6.5	6.5	6.4	6.3	5.9	5.3	4.5	3.5	2.7	2.0	1.3	0.9	64.2	63.7
10	0.3	1.0	2.0	3.0	4.1	5.1	5.8	6.2	6.1	5.7	5.4	5.2	4.7	4.2	3.2	2.5	1.8	1.2	0.8	55.0	54.5
20	0.3	0.9	1.8	2.8	3.8	4.7	5.4	5.7	5.7	5.2	4.9	4.5	4.2	3.6	2.8	2.1	1.5	1.0	0.7	43.1	42.5
30	0.2	0.8	1.6	2.4	3.3	4.1	4.7	5.0	5.0	4.6	3.9	3.5	3.1	2.6	2.0	1.5	1.1	0.7	0.4	30.1	29.5
40	0.2	0.6	1.3	2.0	2.7	3.4	3.9	4.2	4.1	3.8	3.2	2.8	2.5	2.1	1.6	1.2	0.8	0.5	0.3	17.7	17.1
50	0.2	0.4	0.9	1.5	2.1	2.6	3.0	3.2	3.1	2.9	2.4	2.1	1.8	1.5	1.2	0.9	0.6	0.4	0.2	7.8	7.1
60	0.1	0.2	0.5	0.9	1.3	1.7	1.9	2.0	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.4	0.2	0.1	1.9	1.0
70	0.0	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.0
80	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	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	0.0
Flux(T)	2.6	10.9	20.9	30.5	39.1	46.2	51.6	55.1	56.5	55.9	53.4	49.1	43.0	35.3	26.4	16.7	7.3	1.0	602		592
Flux(E)	0.2	9.8	20.5	30.3	38.9	46.1	51.5	55.0	56.4	55.8	53.3	49.0	42.8	35.1	26.1	16.1	4.9	0.0		592	

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: 9.390 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: 9.390 m
Humidity: 60%
Inspector:

UGR Table

Reflectance: Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	21.0	22.4	21.3	22.7	22.9	21.8	23.1	22.1	23.4	23.6
3H	22.1	23.3	22.4	23.6	23.9	23.2	24.5	23.6	24.8	25.0
4H	22.4	23.5	22.7	23.8	24.1	23.8	25.0	24.1	25.2	25.6
6H	22.5	23.6	22.8	23.9	24.2	24.1	25.2	24.5	25.5	25.8
8H	22.5	23.5	22.8	23.8	24.2	24.2	25.2	24.6	25.6	25.9
12H	22.4	23.4	22.8	23.8	24.1	24.2	25.2	24.6	25.5	25.9
X=4H Y=2H	21.7	22.9	22.1	23.2	23.5	22.3	23.5	22.7	23.8	24.1
3H	23.0	24.0	23.4	24.3	24.7	23.9	24.9	24.3	25.3	25.6
4H	23.3	24.2	23.7	24.6	25.0	24.6	25.5	25.0	25.9	26.2
6H	23.5	24.3	23.9	24.7	25.1	25.0	25.8	25.5	26.2	26.6
8H	23.5	24.2	24.0	24.7	25.1	25.1	25.9	25.6	26.3	26.7
12H	23.5	24.2	24.0	24.6	25.0	25.2	25.8	25.6	26.3	26.7
X=8H Y=4H	23.6	24.3	24.0	24.7	25.2	24.7	25.5	25.2	25.9	26.3
6H	23.8	24.4	24.3	24.9	25.4	25.3	25.9	25.8	26.3	26.8
8H	23.9	24.4	24.4	24.9	25.4	25.4	26.0	25.9	26.4	26.9
12H	23.9	24.4	24.4	24.8	25.3	25.5	26.0	26.0	26.4	27.0
X=12H Y=4H	23.6	24.3	24.1	24.7	25.2	24.7	25.4	25.2	25.8	26.3
6H	23.9	24.4	24.4	24.9	25.4	25.3	25.8	25.8	26.3	26.8
8H	24.0	24.4	24.5	24.9	25.4	25.5	25.9	26.0	26.4	26.9
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.1/-0.1				
S=1.5H	+0.4/-0.7					+0.3/-0.4				
S=2.0H	+0.7/-1.4					+0.7/-1.0				

Calculate in accordance with CIE Pub.117. The table is revised with 604lm (8log(F/F0) = -1.8).

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: 9.390 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	0.57	0.67	0.75	0.80	0.88	0.93	0.96	1.01	1.04
	0.30		0.49	0.60	0.68	0.73	0.82	0.87	0.91	0.97	1.00
	0.20		0.43	0.54	0.62	0.68	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.55	0.65	0.72	0.78	0.84	0.89	0.92	0.97	0.99
	0.30		0.48	0.59	0.66	0.72	0.79	0.85	0.88	0.93	0.97
	0.20		0.43	0.53	0.61	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.54	0.63	0.70	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.48	0.58	0.65	0.70	0.77	0.82	0.86	0.90	0.93
	0.20		0.43	0.53	0.60	0.66	0.73	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.41	0.50	0.57	0.63	0.70	0.75	0.79	0.83	0.86

Rating:5W 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: 9.390 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	0.99	0.82	0.69	0.60	0.48	0.40	0.34	0.26	0.21
	0.30		0.83	0.70	0.60	0.53	0.43	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.54	0.48	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.96	0.78	0.66	0.58	0.46	0.41	0.32	0.25	0.20
	0.30		0.81	0.68	0.59	0.52	0.42	0.35	0.30	0.23	0.19
	0.20		0.70	0.60	0.53	0.47	0.38	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.93	0.75	0.64	0.55	0.44	0.36	0.31	0.23	0.19
	0.30		0.79	0.66	0.57	0.50	0.40	0.34	0.29	0.22	0.18
	0.20		0.69	0.59	0.52	0.46	0.37	0.32	0.27	0.21	0.18
0.00	0.00	0.00	0.59	0.49	0.42	0.37	0.30	0.25	0.21	0.16	0.13

Rating:5W 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: 9.390 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	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.05	0.07	0.08	0.09	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.16	0.18	0.18
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Rating:5W 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: 9.390 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	215.4	0.2	0.2	0.03	0.03
1.0-2.0	215.4	0.6	0.8	0.10	0.14
2.0-3.0	215.2	1.0	1.9	0.17	0.31
3.0-4.0	215.0	1.4	3.3	0.24	0.55
4.0-5.0	214.7	1.8	5.1	0.31	0.85
5.0-6.0	214.3	2.3	7.4	0.37	1.22
6.0-7.0	213.9	2.7	10.0	0.44	1.66
7.0-8.0	213.3	3.1	13.1	0.51	2.17
8.0-9.0	212.7	3.4	16.5	0.57	2.74
9.0-10.0	212.1	3.8	20.4	0.64	3.37
10.0-11.0	211.3	4.2	24.6	0.70	4.07
11.0-12.0	210.4	4.6	29.2	0.76	4.83
12.0-13.0	209.6	5.0	34.2	0.82	5.66
13.0-14.0	208.6	5.3	39.5	0.88	6.54
14.0-15.0	207.5	5.7	45.2	0.94	7.48
15.0-16.0	206.4	6.0	51.3	1.00	8.49
16.0-17.0	205.2	6.4	57.7	1.06	9.54
17.0-18.0	203.9	6.7	64.4	1.11	10.66
18.0-19.0	202.6	7.1	71.4	1.17	11.82
19.0-20.0	201.2	7.4	78.8	1.22	13.04
20.0-21.0	199.7	7.7	86.5	1.27	14.31
21.0-22.0	198.1	8.0	94.4	1.32	15.63
22.0-23.0	196.5	8.2	102.7	1.36	17.00
23.0-24.0	194.8	8.5	111.2	1.41	18.41
24.0-25.0	193.0	8.8	120.0	1.45	19.86
25.0-26.0	191.2	9.0	129.0	1.49	21.35
26.0-27.0	189.3	9.3	138.3	1.53	22.89
27.0-28.0	187.3	9.5	147.8	1.57	24.46
28.0-29.0	185.3	9.7	157.4	1.60	26.06
29.0-30.0	183.2	9.9	167.3	1.64	27.70
30.0-31.0	181.0	10.1	177.4	1.67	29.36
31.0-32.0	178.8	10.2	187.7	1.70	31.06
32.0-33.0	176.5	10.4	198.1	1.72	32.78
33.0-34.0	174.1	10.5	208.6	1.74	34.53
34.0-35.0	171.7	10.7	219.3	1.77	36.29
35.0-36.0	169.2	10.8	230.0	1.78	38.08

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: 9.390 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	166.7	10.9	240.9	1.80	39.88
37.0-38.0	164.1	11.0	251.9	1.81	41.69
38.0-39.0	161.4	11.0	262.9	1.82	43.51
39.0-40.0	158.7	11.1	274.0	1.83	45.35
40.0-41.0	156.0	11.1	285.1	1.84	47.18
41.0-42.0	153.1	11.1	296.2	1.84	49.02
42.0-43.0	150.3	11.1	307.3	1.84	50.87
43.0-44.0	147.3	11.1	318.4	1.84	52.71
44.0-45.0	144.4	11.1	329.5	1.84	54.54
45.0-46.0	141.3	11.1	340.6	1.83	56.37
46.0-47.0	138.2	11.0	351.6	1.82	58.19
47.0-48.0	135.1	10.9	362.5	1.81	60.00
48.0-49.0	131.9	10.8	373.3	1.79	61.79
49.0-50.0	128.7	10.7	384.1	1.78	63.57
50.0-51.0	125.4	10.6	394.7	1.76	65.33
51.0-52.0	122.2	10.5	405.2	1.74	67.06
52.0-53.0	118.8	10.3	415.5	1.71	68.77
53.0-54.0	115.4	10.2	425.7	1.68	70.46
54.0-55.0	112.0	10.0	435.7	1.66	72.11
55.0-56.0	108.6	9.8	445.5	1.62	73.74
56.0-57.0	105.0	9.6	455.1	1.59	75.33
57.0-58.0	101.5	9.4	464.5	1.55	76.88
58.0-59.0	97.9	9.2	473.7	1.52	78.40
59.0-60.0	94.3	8.9	482.6	1.48	79.87
60.0-61.0	90.7	8.7	491.2	1.43	81.31
61.0-62.0	87.1	8.4	499.6	1.39	82.69
62.0-63.0	83.3	8.1	507.7	1.34	84.04
63.0-64.0	79.6	7.8	515.5	1.29	85.33
64.0-65.0	75.8	7.5	523.0	1.24	86.57
65.0-66.0	72.1	7.2	530.2	1.19	87.76
66.0-67.0	68.3	6.9	537.1	1.14	88.90
67.0-68.0	64.4	6.5	543.6	1.08	89.98
68.0-69.0	60.6	6.2	549.8	1.02	91.00
69.0-70.0	56.7	5.8	555.6	0.96	91.97
70.0-71.0	52.9	5.5	561.1	0.90	92.87
71.0-72.0	49.1	5.1	566.2	0.84	93.72

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: 9.390 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	45.2	4.7	570.9	0.78	94.50
73.0-74.0	41.4	4.4	575.3	0.72	95.22
74.0-75.0	37.7	4.0	579.3	0.66	95.88
75.0-76.0	34.0	3.6	582.9	0.60	96.48
76.0-77.0	30.4	3.2	586.1	0.54	97.01
77.0-78.0	26.9	2.9	589.0	0.48	97.49
78.0-79.0	23.5	2.5	591.5	0.42	97.91
79.0-80.0	20.2	2.2	593.7	0.36	98.27
80.0-81.0	17.2	1.9	595.6	0.31	98.57
81.0-82.0	14.3	1.6	597.1	0.26	98.83
82.0-83.0	11.6	1.3	598.4	0.21	99.04
83.0-84.0	9.2	1.0	599.4	0.17	99.21
84.0-85.0	7.1	0.8	600.2	0.13	99.34
85.0-86.0	5.2	0.6	600.7	0.09	99.43
86.0-87.0	3.6	0.4	601.1	0.07	99.50
87.0-88.0	2.3	0.3	601.4	0.04	99.54
88.0-89.0	1.3	0.1	601.5	0.02	99.56
89.0-90.0	0.6	0.1	601.6	0.01	99.57
90.0-91.0	0.1	0.0	601.6	0.00	99.57
91.0-92.0	0.0	0.0	601.6	0.00	99.57
92.0-93.0	0.0	0.0	601.6	0.00	99.57
93.0-94.0	0.0	0.0	601.6	0.00	99.57
94.0-95.0	0.0	0.0	601.6	0.00	99.57
95.0-96.0	0.0	0.0	601.6	0.00	99.57
96.0-97.0	0.0	0.0	601.6	0.00	99.57
97.0-98.0	0.0	0.0	601.6	0.00	99.57
98.0-99.0	0.0	0.0	601.6	0.00	99.57
99.0-100.0	0.0	0.0	601.6	0.00	99.57
100.0-101.0	0.0	0.0	601.6	0.00	99.57
101.0-102.0	0.0	0.0	601.6	0.00	99.57
102.0-103.0	0.0	0.0	601.6	0.00	99.57
103.0-104.0	0.0	0.0	601.6	0.00	99.57
104.0-105.0	0.0	0.0	601.6	0.00	99.57
105.0-106.0	0.0	0.0	601.6	0.00	99.58
106.0-107.0	0.0	0.0	601.6	0.00	99.58
107.0-108.0	0.0	0.0	601.6	0.00	99.58

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: 9.390 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	601.6	0.00	99.58
109.0-110.0	0.1	0.0	601.6	0.00	99.58
110.0-111.0	0.1	0.0	601.6	0.00	99.58
111.0-112.0	0.1	0.0	601.6	0.00	99.58
112.0-113.0	0.1	0.0	601.7	0.00	99.58
113.0-114.0	0.2	0.0	601.7	0.00	99.59
114.0-115.0	0.2	0.0	601.7	0.00	99.59
115.0-116.0	0.2	0.0	601.7	0.00	99.59
116.0-117.0	0.2	0.0	601.7	0.00	99.60
117.0-118.0	0.2	0.0	601.8	0.00	99.60
118.0-119.0	0.3	0.0	601.8	0.00	99.60
119.0-120.0	0.3	0.0	601.8	0.00	99.61
120.0-121.0	0.3	0.0	601.8	0.01	99.61
121.0-122.0	0.4	0.0	601.9	0.01	99.62
122.0-123.0	0.4	0.0	601.9	0.01	99.63
123.0-124.0	0.4	0.0	601.9	0.01	99.63
124.0-125.0	0.4	0.0	602.0	0.01	99.64
125.0-126.0	0.5	0.0	602.0	0.01	99.64
126.0-127.0	0.5	0.0	602.1	0.01	99.65
127.0-128.0	0.5	0.0	602.1	0.01	99.66
128.0-129.0	0.5	0.0	602.2	0.01	99.67
129.0-130.0	0.5	0.0	602.2	0.01	99.67
130.0-131.0	0.6	0.0	602.2	0.01	99.68
131.0-132.0	0.6	0.0	602.3	0.01	99.69
132.0-133.0	0.6	0.0	602.3	0.01	99.70
133.0-134.0	0.6	0.0	602.4	0.01	99.71
134.0-135.0	0.7	0.1	602.4	0.01	99.71
135.0-136.0	0.7	0.1	602.5	0.01	99.72
136.0-137.0	0.7	0.1	602.6	0.01	99.73
137.0-138.0	0.7	0.1	602.6	0.01	99.74
138.0-139.0	0.7	0.1	602.7	0.01	99.75
139.0-140.0	0.8	0.1	602.7	0.01	99.76
140.0-141.0	0.8	0.1	602.8	0.01	99.77
141.0-142.0	0.8	0.1	602.8	0.01	99.78
142.0-143.0	0.8	0.1	602.9	0.01	99.79
143.0-144.0	0.8	0.1	602.9	0.01	99.80

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: 9.390 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	0.9	0.1	603.0	0.01	99.80
145.0-146.0	0.9	0.1	603.0	0.01	99.81
146.0-147.0	0.9	0.1	603.1	0.01	99.82
147.0-148.0	0.9	0.1	603.1	0.01	99.83
148.0-149.0	0.9	0.1	603.2	0.01	99.84
149.0-150.0	0.9	0.1	603.3	0.01	99.85
150.0-151.0	1.0	0.1	603.3	0.01	99.86
151.0-152.0	1.0	0.1	603.4	0.01	99.87
152.0-153.0	1.0	0.1	603.4	0.01	99.87
153.0-154.0	1.0	0.0	603.5	0.01	99.88
154.0-155.0	1.0	0.0	603.5	0.01	99.89
155.0-156.0	1.0	0.0	603.6	0.01	99.90
156.0-157.0	1.0	0.0	603.6	0.01	99.91
157.0-158.0	1.1	0.0	603.6	0.01	99.91
158.0-159.0	1.1	0.0	603.7	0.01	99.92
159.0-160.0	1.1	0.0	603.7	0.01	99.93
160.0-161.0	1.1	0.0	603.8	0.01	99.93
161.0-162.0	1.1	0.0	603.8	0.01	99.94
162.0-163.0	1.1	0.0	603.8	0.01	99.95
163.0-164.0	1.1	0.0	603.9	0.01	99.95
164.0-165.0	1.1	0.0	603.9	0.01	99.96
165.0-166.0	1.2	0.0	603.9	0.01	99.96
166.0-167.0	1.2	0.0	604.0	0.00	99.97
167.0-168.0	1.2	0.0	604.0	0.00	99.97
168.0-169.0	1.2	0.0	604.0	0.00	99.98
169.0-170.0	1.2	0.0	604.0	0.00	99.98
170.0-171.0	1.2	0.0	604.1	0.00	99.98
171.0-172.0	1.2	0.0	604.1	0.00	99.99
172.0-173.0	1.2	0.0	604.1	0.00	99.99
173.0-174.0	1.3	0.0	604.1	0.00	99.99
174.0-175.0	1.3	0.0	604.1	0.00	99.99
175.0-176.0	1.3	0.0	604.1	0.00	100.00
176.0-177.0	1.3	0.0	604.2	0.00	100.00
177.0-178.0	1.3	0.0	604.2	0.00	100.00
178.0-179.0	1.3	0.0	604.2	0.00	100.00
179.0-180.0	1.3	0.0	604.2	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: 9.390 m
Humidity: 60%
Inspector: