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

Report No.: 20230921 **Test Time: 2023/9/25 14:57**

Luminaire Property

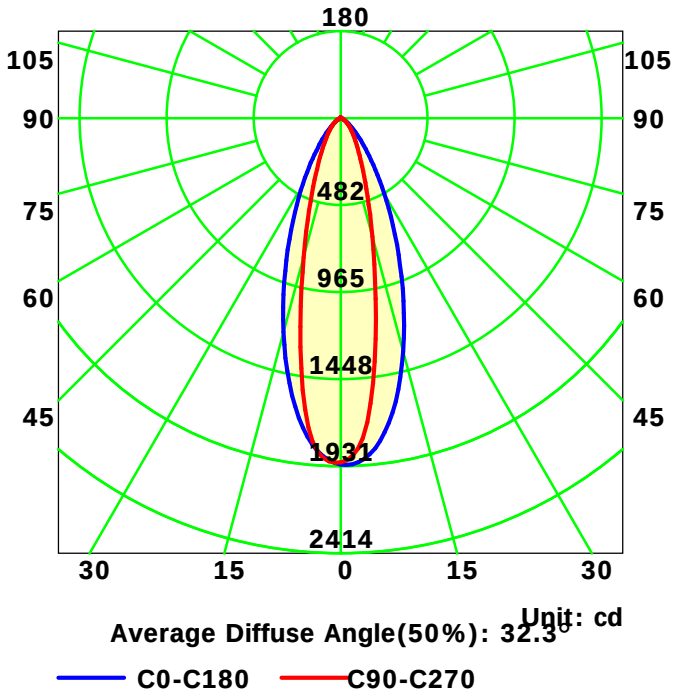
Luminaire Manufacturer: Acolyte
Luminaire Category: Nano Pivot
Luminaire Description: Nano pivot rgbw4000k 9.75 - All on
Lamp Catalog: Optic BA 25*45 degree **Luminous Length (mm): 1000**
Luminous Width (mm): 28 **Luminous Height (mm): 36**
Voltage: 24.0 V **Current: 1.365 A**
Power: 32.77 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 903.9 lm**
Measurement Flux: 903.9 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H79.3,H39.8
Vertical Diffuse Angle(10%,50%): V61.2,V24.8
Luminaire Efficacy Rating (LER): 28 **Central Intensity: 1921.84 cd**
Max. Intensity: 1923.95 cd **Pos of Max. Intensity: H0 V1**

Picture Of Luminaire

Luminous Intensity Distribution Curve



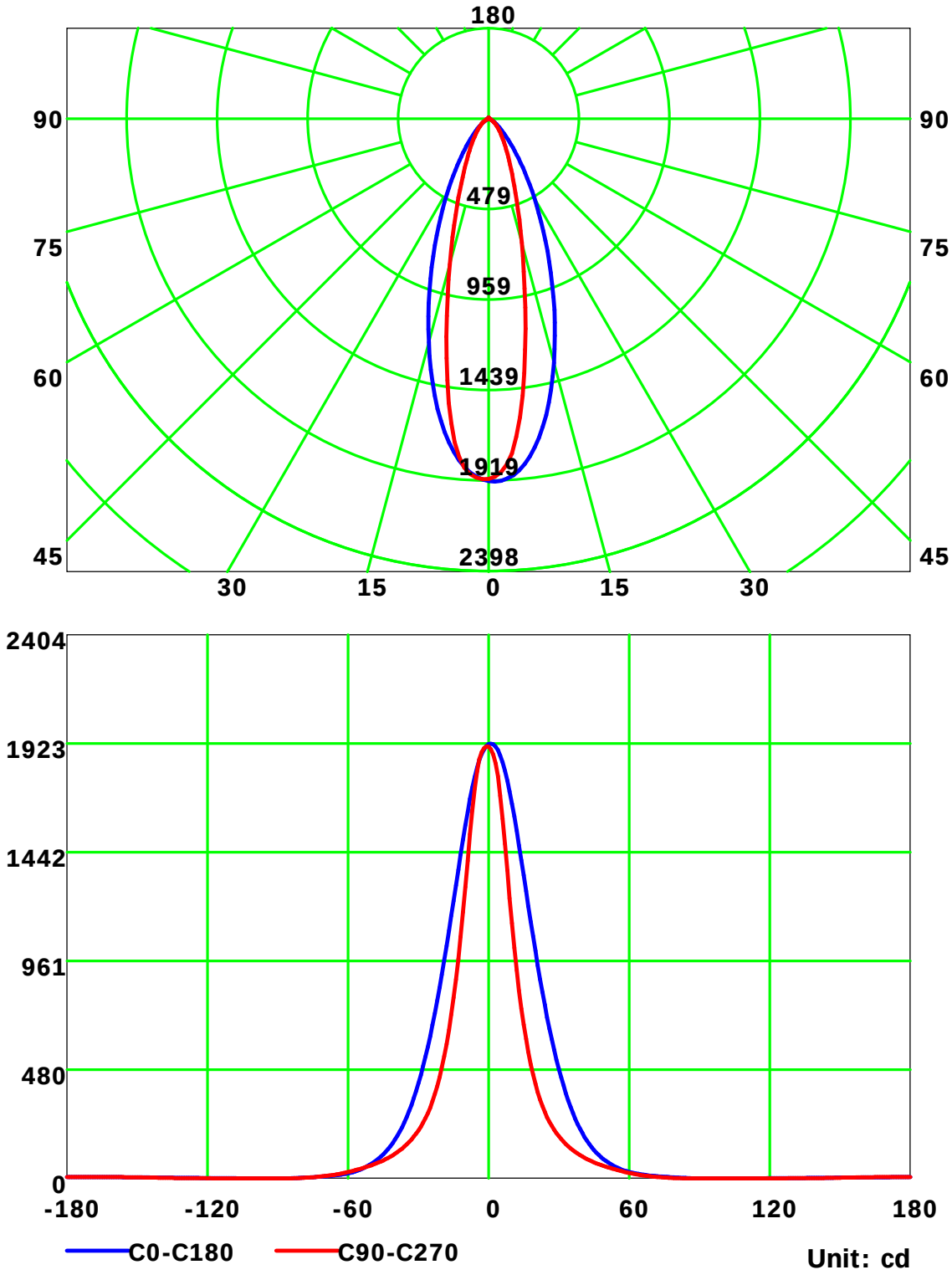
Unit: cd

Average Diffuse Angle(50%): 32.3°

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: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Jacky **Inspector:**

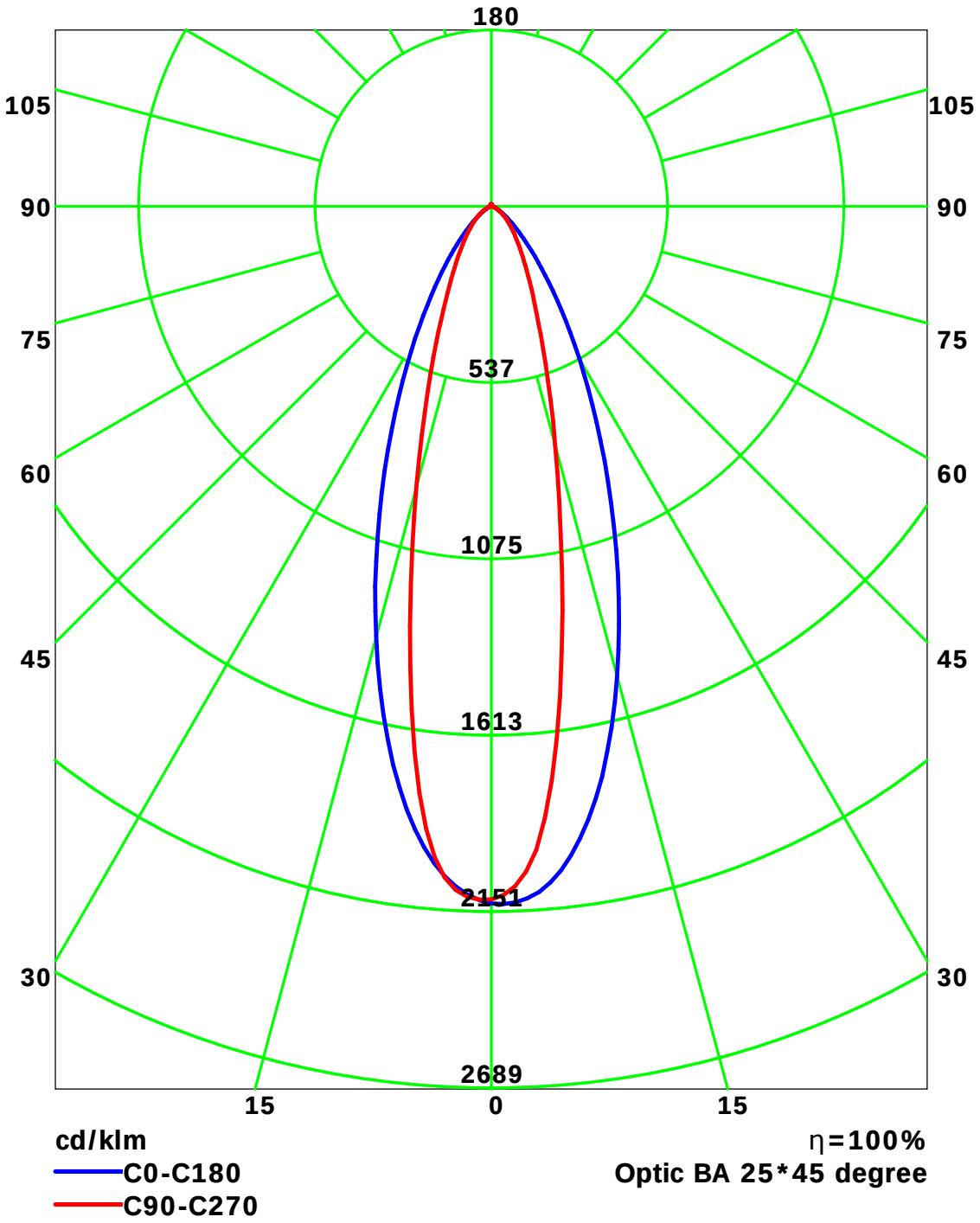
Luminous Intensity Distribution Curve



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

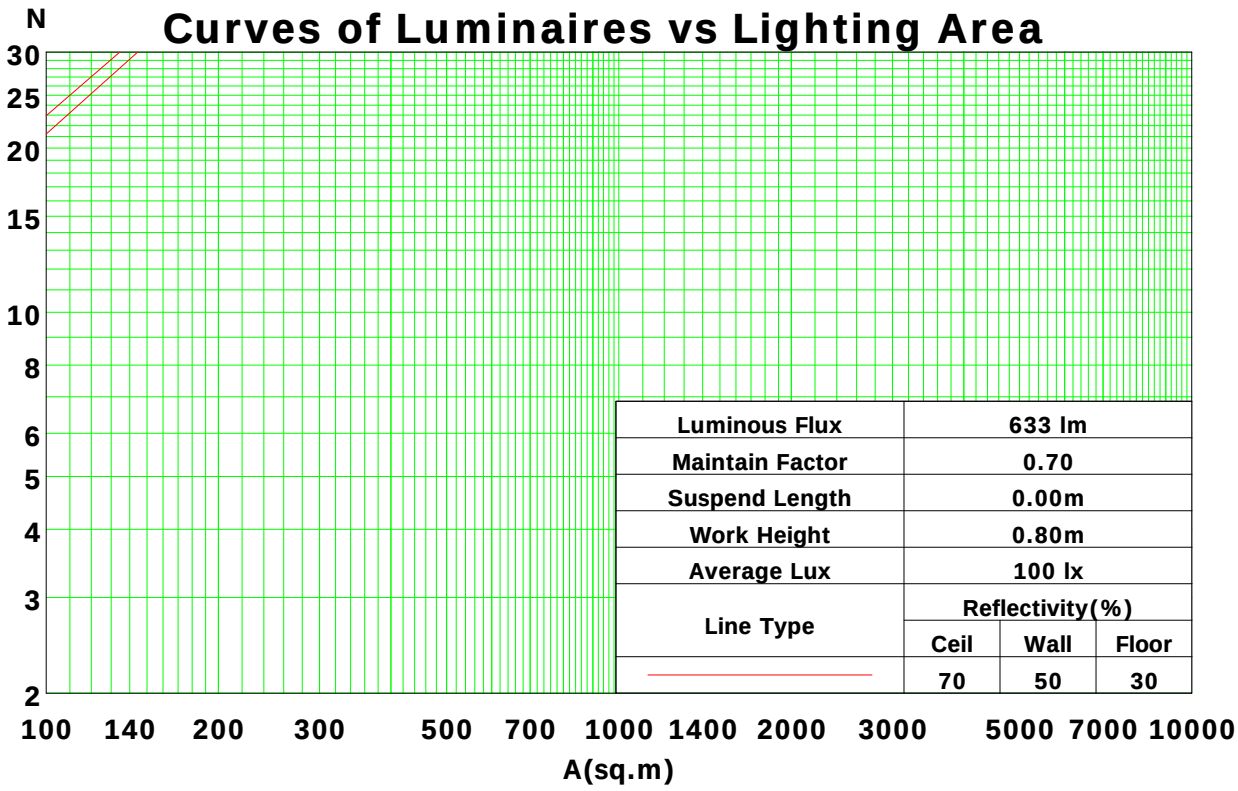
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	110	110	110	105	105	105	101	101	101	99
1	113	110	108	105	110	108	106	103	104	102	100	100	98	97	96	95	94	92
2	107	102	98	95	105	100	97	94	97	94	91	94	91	89	91	89	87	85
3	102	95	90	86	100	94	89	86	91	87	84	88	85	82	86	83	81	79
4	97	89	84	79	95	88	83	79	86	81	78	83	80	77	81	78	76	74
5	92	84	78	74	90	83	77	73	81	76	73	79	75	72	77	74	71	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	67	74	70	67	65
7	84	75	69	65	82	74	68	65	73	68	64	71	67	64	70	66	63	62
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59
9	77	67	62	58	76	67	61	58	66	61	57	65	60	57	64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	61	57	54	53

Spacing Criteria (0-180): 0.63
Spacing Criteria (90-270): 0.42
Spacing Criteria (Diagonal): 0.54

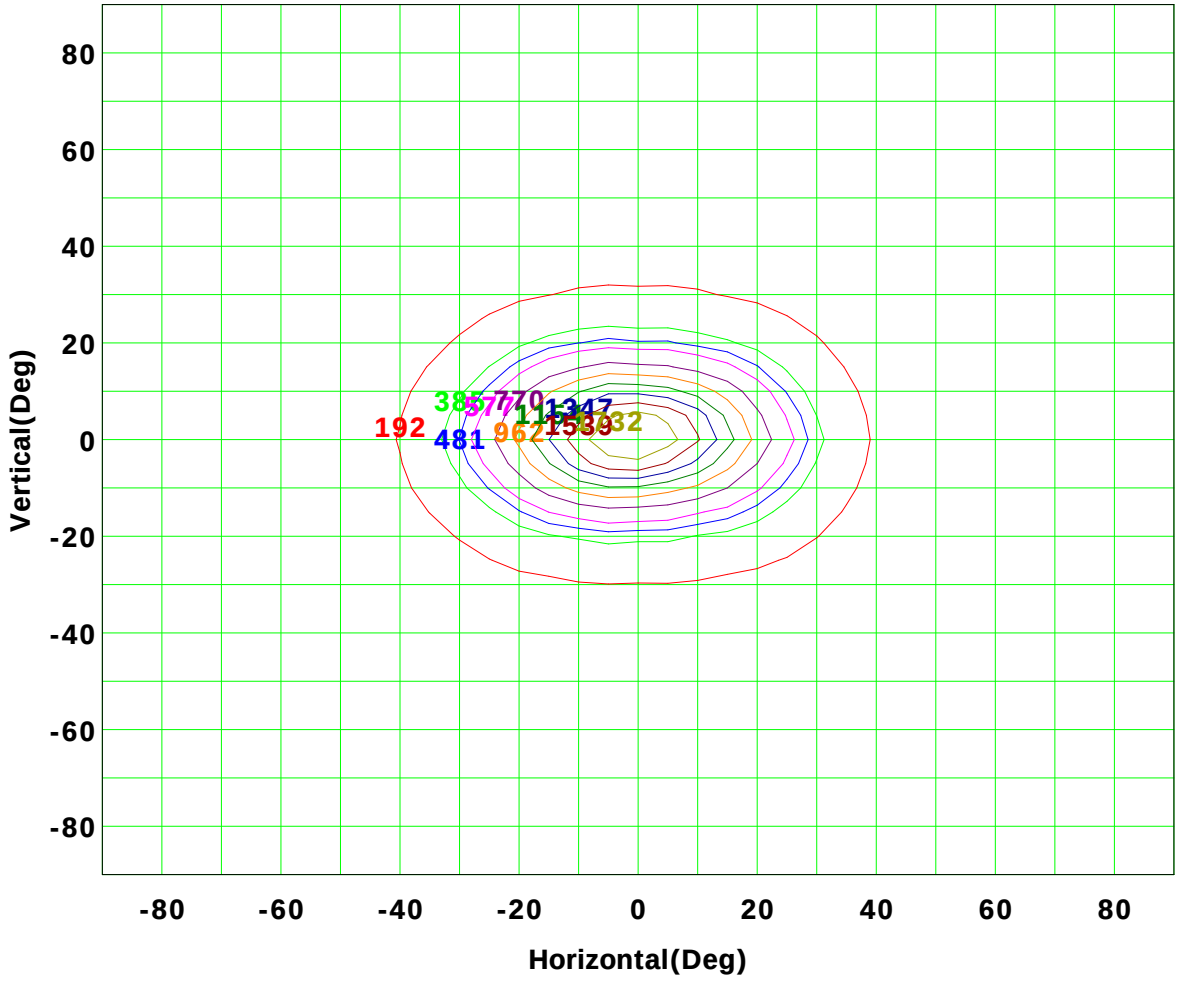
Curves of Luminaires vs Lighting Area



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)



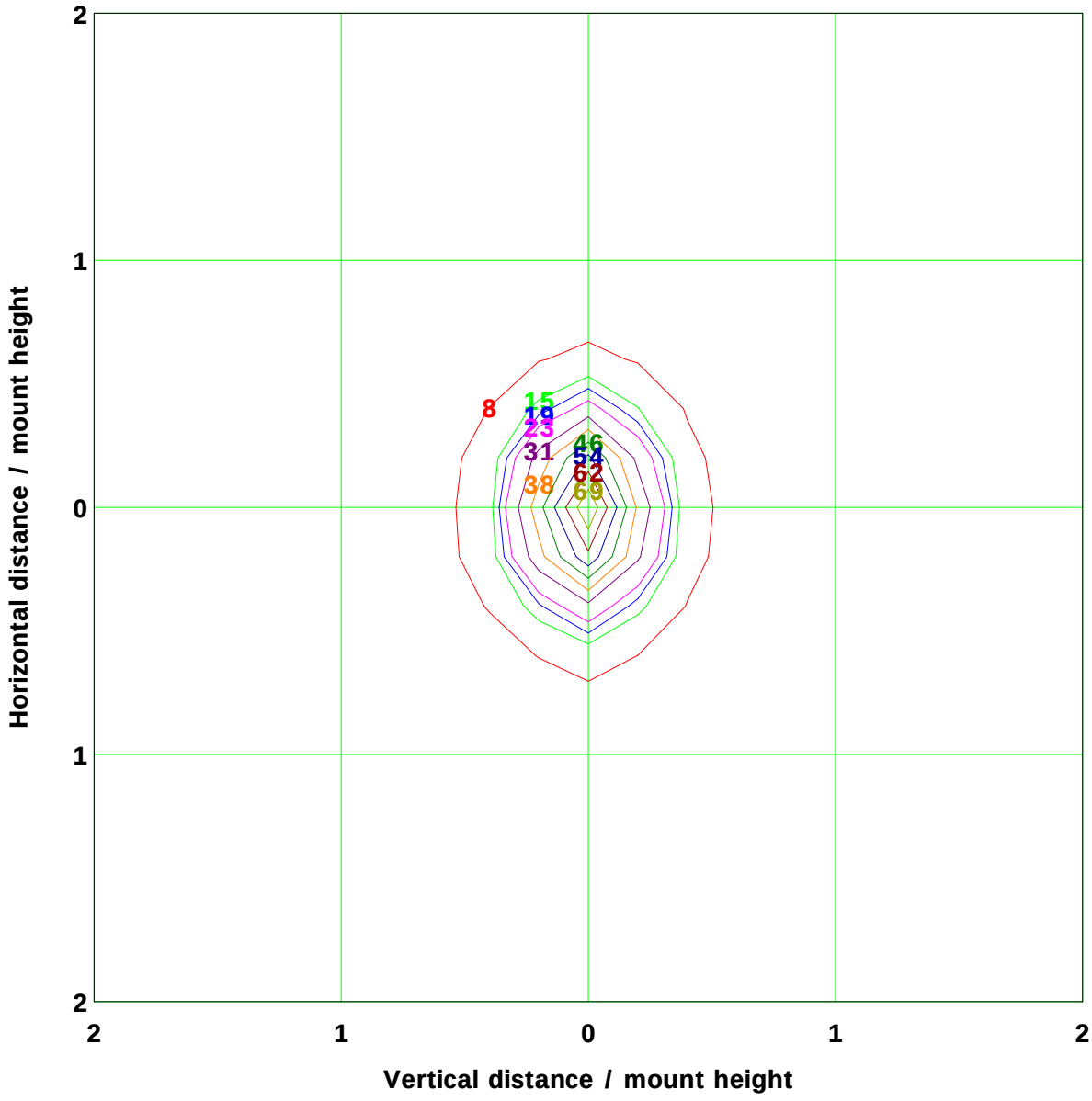
Imax (100%): 1924 cd

(10%): 192 cd	(20%): 385 cd
(25%): 481 cd	(30%): 577 cd
(40%): 770 cd	(50%): 962 cd
(60%): 1154 cd	(70%): 1347 cd
(80%): 1539 cd	(90%): 1732 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%): 76.9 lx

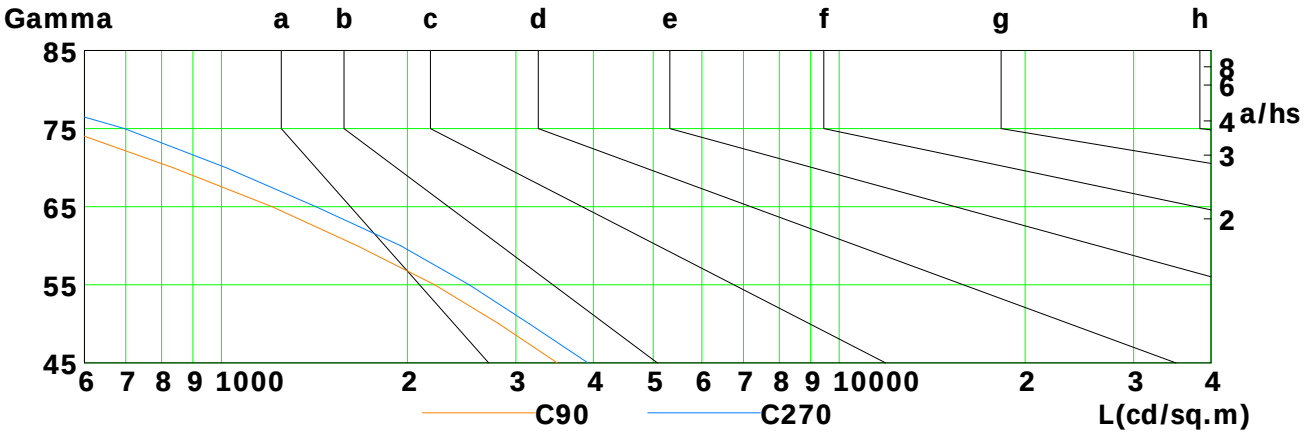
(10%): 7.7 lx	(20%): 15.4 lx
(25%): 19.2 lx	(30%): 23.1 lx
(40%): 30.8 lx	(50%): 38.5 lx
(60%): 46.2 lx	(70%): 53.8 lx
(80%): 61.5 lx	(90%): 69.2 lx

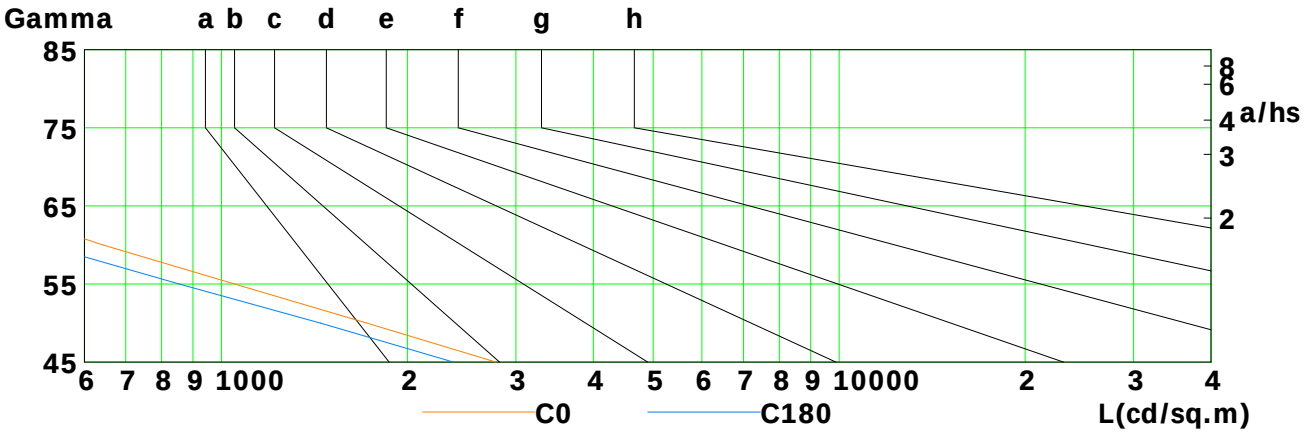
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



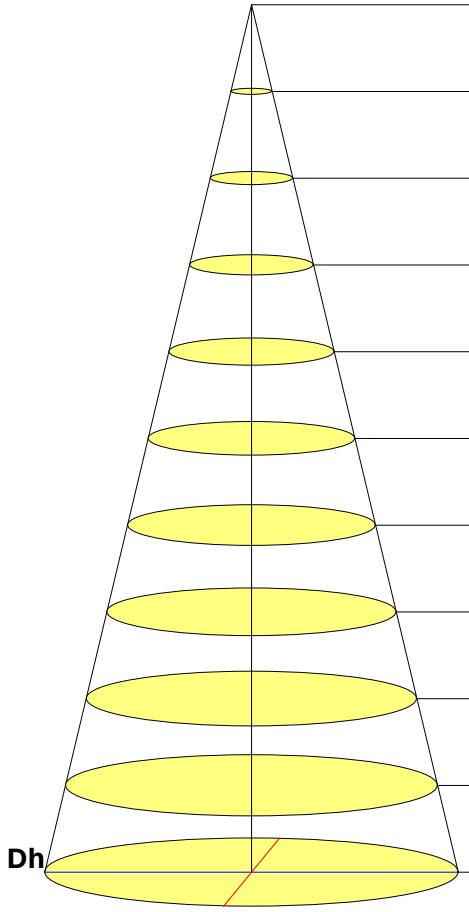


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2784	1719	1051	644	417	274	191	110	50
C90	3498	2815	2214	1660	1207	834	555	330	255
C180	2375	1447	854	516	329	222	141	78	27
C270	3920	3152	2519	1951	1423	1018	697	420	322

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



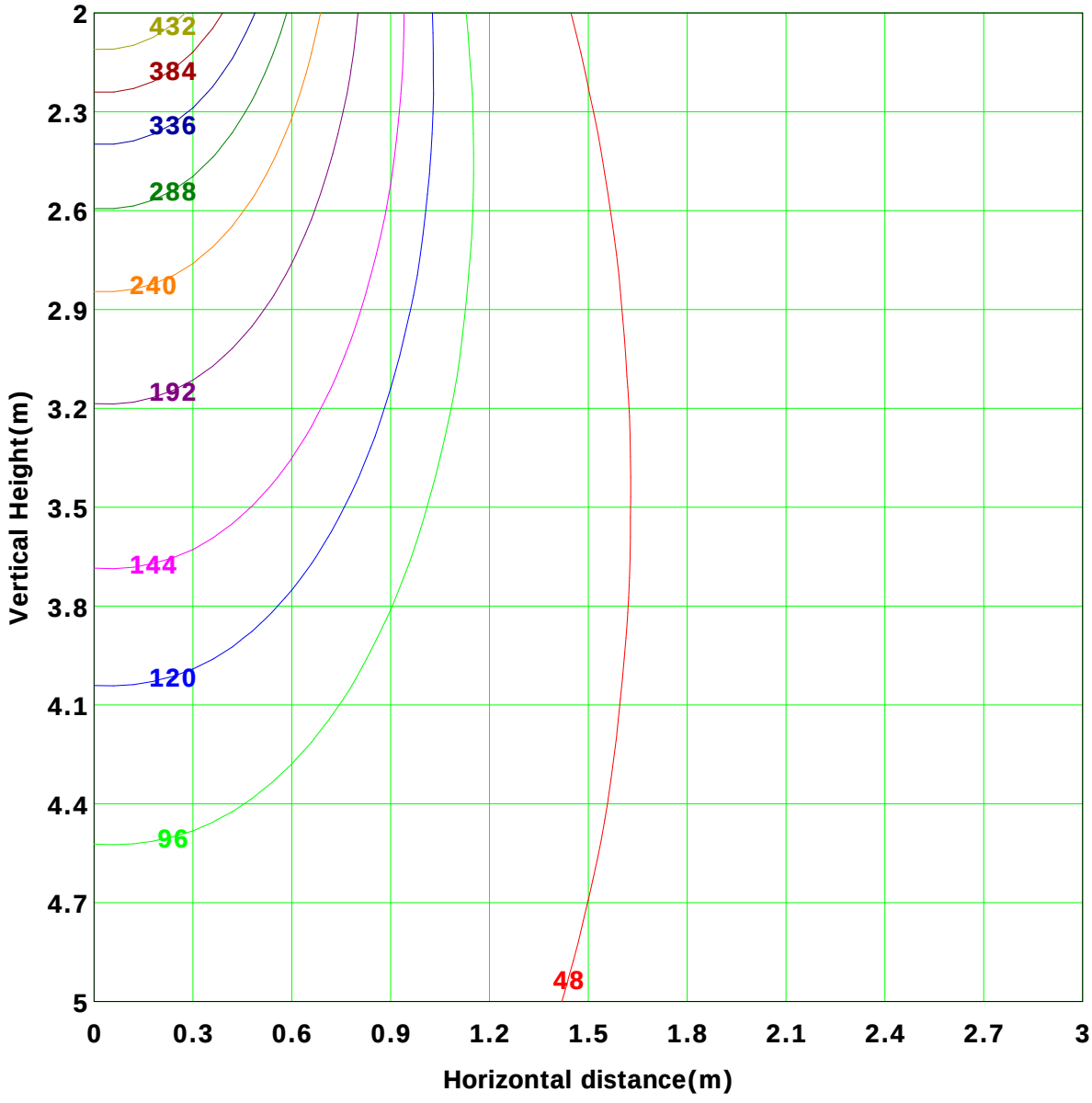
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1921.84	0.72/0.44	0.3	1027.31
2.0	480.46	1.45/0.88	1.0	256.83
3.0	213.54	2.17/1.32	2.3	114.15
4.0	120.11	2.89/1.76	4.1	64.21
5.0	76.87	3.62/2.20	6.3	41.09
6.0	53.38	4.34/2.64	9.1	28.54
7.0	39.22	5.06/3.08	12.4	20.97
8.0	30.03	5.79/3.52	16.2	16.05
9.0	23.73	6.51/3.96	20.5	12.68
10.0	19.22	7.23/4.40	25.3	10.27

Beam Angle(B): H39.8 V24.8 Field Angle(F): H79.3 V61.2

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: 480.5 lx

(10%): 48.0 lx
(20%): 96.1 lx
(25%): 120.1 lx
(30%): 144.1 lx
(40%): 192.2 lx
(50%): 240.2 lx
(60%): 288.3 lx
(70%): 336.3 lx
(80%): 384.4 lx
(90%): 432.4 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

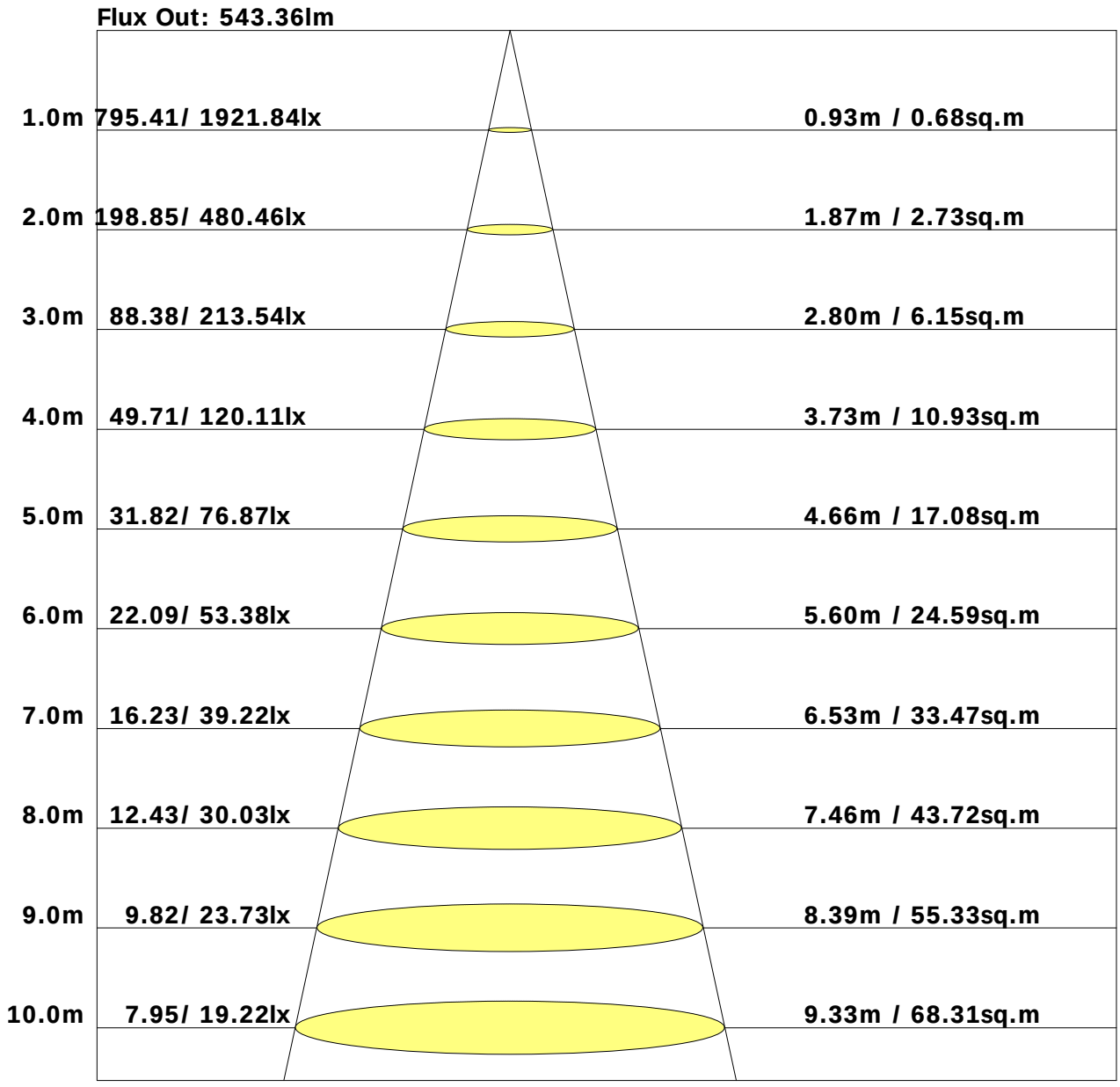
Unit: lm

Vertical plane \ Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	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	0.4	0.0
-80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.3	0.0
-70	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	3.9	0.0
-60	0.0	0.0	0.1	0.1	0.3	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.3	0.2	0.1	0.0	0.0	8.8	0.0
-50	0.0	0.0	0.1	0.2	0.6	1.1	1.7	2.2	2.5	2.5	2.2	1.7	1.1	0.6	0.3	0.1	0.0	0.0	16.6	0.0
-40	0.0	0.0	0.1	0.4	0.9	1.9	3.0	4.0	4.7	4.7	4.1	3.0	1.8	0.9	0.4	0.1	0.0	0.0	30.1	2.3
-30	0.0	0.0	0.2	0.5	1.4	3.1	5.6	8.1	9.9	10.1	8.5	5.7	3.1	1.4	0.6	0.2	0.1	0.0	58.4	43.3
-20	0.0	0.0	0.2	0.6	1.9	4.8	10.3	18.1	24.2	25.4	19.4	11.0	5.1	2.1	0.7	0.2	0.1	0.0	124.0	114.2
-10	0.0	0.0	0.2	0.7	2.3	6.5	15.8	32.2	48.6	49.4	34.4	17.6	7.3	2.6	0.9	0.2	0.1	0.0	218.9	210.7
0	0.0	0.1	0.2	0.7	2.3	6.4	15.3	30.0	44.7	47.7	33.3	17.1	7.3	2.6	0.9	0.2	0.1	0.0	209.0	200.7
10	0.0	0.0	0.2	0.6	1.9	4.6	9.5	15.8	20.5	21.7	17.2	10.2	5.0	2.1	0.7	0.2	0.1	0.0	110.4	100.1
20	0.0	0.0	0.2	0.5	1.4	3.0	5.2	7.1	8.5	8.7	7.4	5.3	3.0	1.5	0.6	0.2	0.1	0.0	52.5	34.7
30	0.0	0.0	0.1	0.4	0.9	1.8	2.8	3.6	4.1	4.2	3.6	2.8	1.8	1.0	0.4	0.2	0.0	0.0	27.7	0.0
40	0.0	0.0	0.1	0.2	0.6	1.0	1.5	1.9	2.2	2.2	2.0	1.6	1.1	0.6	0.3	0.1	0.0	0.0	15.4	0.0
50	0.0	0.0	0.1	0.1	0.3	0.5	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.3	0.2	0.1	0.0	0.0	8.1	0.0
60	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	3.5	0.0
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.1	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	0.3	0.0
Flux(T)	0.1	0.5	1.8	5.5	15.2	35.7	73.2	126.3	173.6	180.4	135.5	78.7	38.4	16.5	6.2	2.1	0.6	0.1	890	
Flux(E)	0.0	0.0	0.0	0.0	0.0	16.2	57.0	109.9	157.1	164.0	119.2	62.4	20.2	0.0	0.0	0.0	0.0	0.0		706

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	9.0	10.1	9.4	10.4	10.8	6.3	7.4	6.7	7.7	8.1
3H	9.6	10.6	10.0	10.9	11.3	6.7	7.6	7.1	8.0	8.4
4H	9.8	10.7	10.3	11.1	11.5	6.7	7.5	7.1	7.9	8.3
6H	10.0	10.7	10.4	11.1	11.6	6.6	7.4	7.0	7.8	8.2
8H	10.0	10.7	10.4	11.1	11.6	6.5	7.3	7.0	7.7	8.2
12H	10.0	10.7	10.4	11.1	11.6	6.5	7.2	7.0	7.6	8.1
X=4H Y=2H	9.0	9.8	9.4	10.2	10.6	6.5	7.3	6.9	7.7	8.1
3H	9.6	10.3	10.1	10.8	11.2	6.9	7.6	7.3	8.0	8.5
4H	9.9	10.5	10.3	10.9	11.4	6.9	7.5	7.4	8.0	8.5
6H	10.0	10.5	10.5	11.0	11.5	6.8	7.4	7.3	7.9	8.4
8H	10.0	10.5	10.5	11.0	11.5	6.8	7.3	7.3	7.8	8.3
12H	10.0	10.5	10.6	11.0	11.5	6.7	7.2	7.3	7.7	8.2
X=8H Y=4H	9.7	10.2	10.2	10.7	11.2	6.8	7.3	7.3	7.8	8.3
6H	9.9	10.3	10.4	10.8	11.3	6.8	7.2	7.3	7.7	8.2
8H	9.9	10.3	10.5	10.8	11.3	6.7	7.1	7.3	7.6	8.2
12H	9.9	10.3	10.5	10.8	11.4	6.7	7.0	7.2	7.5	8.1
X=12H Y=4H	9.7	10.1	10.2	10.6	11.1	6.8	7.2	7.3	7.7	8.2
6H	9.8	10.2	10.4	10.7	11.2	6.7	7.1	7.3	7.6	8.2
8H	9.9	10.2	10.4	10.7	11.3	6.7	7.0	7.2	7.5	8.1

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	0.83	0.90	0.94	0.98	1.02	1.05	1.07	1.09	1.11
	0.30		0.79	0.85	0.90	0.93	0.98	1.01	1.04	1.07	1.09
	0.20		0.75	0.82	0.87	0.90	0.95	0.99	1.01	1.05	1.07
0.50	0.50	0.20	0.82	0.88	0.92	0.95	0.99	1.01	1.03	1.05	1.06
	0.30		0.78	0.84	0.88	0.92	0.96	0.99	1.01	1.03	1.05
	0.20		0.74	0.81	0.85	0.89	0.93	0.96	0.98	1.01	1.03
0.30	0.50	0.20	0.81	0.86	0.90	0.93	0.96	0.98	0.99	1.01	1.02
	0.30		0.77	0.83	0.87	0.90	0.93	0.96	0.98	1.00	1.01
	0.20		0.74	0.80	0.84	0.87	0.91	0.94	0.96	0.98	1.00
0.00	0.00	0.00	0.72	0.78	0.82	0.85	0.88	0.90	0.92	0.94	0.95

Rating:33W 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	0.61	0.49	0.42	0.36	0.28	0.23	0.20	0.15	0.12
	0.30		0.51	0.42	0.36	0.32	0.26	0.21	0.18	0.14	0.12
	0.20		0.44	0.37	0.32	0.28	0.23	0.20	0.17	0.14	0.11
0.50	0.50	0.20	0.58	0.46	0.39	0.33	0.26	0.26	0.18	0.14	0.11
	0.30		0.49	0.40	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.42	0.36	0.31	0.27	0.22	0.18	0.16	0.13	0.10
0.30	0.50	0.20	0.55	0.44	0.36	0.31	0.24	0.20	0.17	0.13	0.10
	0.30		0.47	0.39	0.33	0.28	0.22	0.19	0.16	0.12	0.10
	0.20		0.41	0.34	0.30	0.26	0.21	0.17	0.15	0.12	0.10
0.00	0.00	0.00	0.28	0.22	0.18	0.15	0.12	0.10	0.08	0.06	0.05

Rating:33W 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	0.15	0.16	0.17	0.18	0.20	0.20	0.21	0.22	0.22
	0.30		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	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:33W 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	1900.4	1.8	1.8	0.20	0.20
1.0-2.0	1892.0	5.4	7.2	0.60	0.80
2.0-3.0	1874.4	9.0	16.2	0.99	1.79
3.0-4.0	1846.5	12.4	28.6	1.37	3.16
4.0-5.0	1806.3	15.5	44.1	1.72	4.88
5.0-6.0	1753.0	18.4	62.5	2.04	6.92
6.0-7.0	1687.7	21.0	83.5	2.32	9.24
7.0-8.0	1612.5	23.1	106.6	2.55	11.79
8.0-9.0	1530.2	24.8	131.4	2.74	14.53
9.0-10.0	1443.9	26.1	157.5	2.89	17.43
10.0-11.0	1356.2	27.1	184.6	3.00	20.42
11.0-12.0	1268.2	27.7	212.3	3.07	23.49
12.0-13.0	1182.3	28.1	240.4	3.10	26.60
13.0-14.0	1100.1	28.2	268.6	3.12	29.71
14.0-15.0	1021.5	28.0	296.6	3.10	32.81
15.0-16.0	947.0	27.8	324.4	3.07	35.88
16.0-17.0	877.0	27.3	351.7	3.02	38.91
17.0-18.0	811.0	26.7	378.4	2.96	41.86
18.0-19.0	749.1	26.1	404.5	2.88	44.75
19.0-20.0	691.5	25.3	429.8	2.80	47.55
20.0-21.0	637.6	24.5	454.3	2.71	50.26
21.0-22.0	587.6	23.6	477.9	2.61	52.87
22.0-23.0	541.5	22.7	500.6	2.51	55.38
23.0-24.0	499.1	21.8	522.5	2.41	57.80
24.0-25.0	459.7	20.9	543.4	2.31	60.11
25.0-26.0	423.4	20.0	563.4	2.21	62.32
26.0-27.0	390.3	19.1	582.4	2.11	64.43
27.0-28.0	359.5	18.2	600.7	2.01	66.45
28.0-29.0	331.3	17.3	618.0	1.92	68.37
29.0-30.0	305.7	16.5	634.5	1.83	70.19
30.0-31.0	281.8	15.7	650.2	1.73	71.93
31.0-32.0	259.8	14.9	665.1	1.65	73.57
32.0-33.0	239.7	14.1	679.2	1.56	75.14
33.0-34.0	221.2	13.4	692.6	1.48	76.62
34.0-35.0	204.2	12.7	705.3	1.40	78.02
35.0-36.0	188.5	12.0	717.3	1.33	79.35

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	174.1	11.4	728.6	1.26	80.60
37.0-38.0	160.9	10.7	739.4	1.19	81.79
38.0-39.0	148.8	10.2	749.5	1.12	82.92
39.0-40.0	137.6	9.6	759.1	1.06	83.98
40.0-41.0	127.3	9.1	768.2	1.00	84.98
41.0-42.0	117.8	8.6	776.7	0.95	85.93
42.0-43.0	109.0	8.1	784.8	0.89	86.82
43.0-44.0	100.9	7.6	792.4	0.84	87.66
44.0-45.0	93.4	7.2	799.6	0.79	88.46
45.0-46.0	86.5	6.8	806.4	0.75	89.21
46.0-47.0	80.1	6.4	812.7	0.71	89.91
47.0-48.0	74.2	6.0	818.7	0.66	90.58
48.0-49.0	68.7	5.6	824.4	0.62	91.20
49.0-50.0	63.6	5.3	829.7	0.59	91.79
50.0-51.0	58.9	5.0	834.7	0.55	92.34
51.0-52.0	54.4	4.7	839.3	0.52	92.85
52.0-53.0	50.2	4.4	843.7	0.48	93.34
53.0-54.0	46.3	4.1	847.8	0.45	93.79
54.0-55.0	42.6	3.8	851.6	0.42	94.21
55.0-56.0	39.2	3.5	855.1	0.39	94.60
56.0-57.0	35.9	3.3	858.4	0.36	94.96
57.0-58.0	32.9	3.0	861.5	0.34	95.30
58.0-59.0	30.1	2.8	864.3	0.31	95.61
59.0-60.0	27.5	2.6	866.9	0.29	95.90
60.0-61.0	25.0	2.4	869.3	0.26	96.16
61.0-62.0	22.8	2.2	871.5	0.24	96.41
62.0-63.0	20.8	2.0	873.5	0.22	96.63
63.0-64.0	18.8	1.8	875.3	0.20	96.84
64.0-65.0	17.1	1.7	877.0	0.19	97.02
65.0-66.0	15.5	1.5	878.6	0.17	97.19
66.0-67.0	14.0	1.4	880.0	0.16	97.35
67.0-68.0	12.6	1.3	881.3	0.14	97.49
68.0-69.0	11.4	1.2	882.4	0.13	97.62
69.0-70.0	10.2	1.0	883.5	0.12	97.74
70.0-71.0	9.2	0.9	884.4	0.10	97.84
71.0-72.0	8.2	0.9	885.3	0.09	97.93

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	7.3	0.8	886.0	0.08	98.02
73.0-74.0	6.4	0.7	886.7	0.07	98.09
74.0-75.0	5.7	0.6	887.3	0.07	98.16
75.0-76.0	4.9	0.5	887.8	0.06	98.22
76.0-77.0	4.3	0.5	888.3	0.05	98.27
77.0-78.0	3.6	0.4	888.7	0.04	98.31
78.0-79.0	3.1	0.3	889.0	0.04	98.35
79.0-80.0	2.6	0.3	889.3	0.03	98.38
80.0-81.0	2.2	0.2	889.5	0.03	98.41
81.0-82.0	1.9	0.2	889.7	0.02	98.43
82.0-83.0	1.6	0.2	889.9	0.02	98.45
83.0-84.0	1.3	0.1	890.0	0.02	98.46
84.0-85.0	1.1	0.1	890.2	0.01	98.48
85.0-86.0	1.0	0.1	890.3	0.01	98.49
86.0-87.0	0.9	0.1	890.4	0.01	98.50
87.0-88.0	0.8	0.1	890.4	0.01	98.51
88.0-89.0	0.7	0.1	890.5	0.01	98.52
89.0-90.0	0.7	0.1	890.6	0.01	98.53
90.0-91.0	0.7	0.1	890.7	0.01	98.53
91.0-92.0	0.7	0.1	890.8	0.01	98.54
92.0-93.0	0.7	0.1	890.8	0.01	98.55
93.0-94.0	0.7	0.1	890.9	0.01	98.56
94.0-95.0	0.7	0.1	891.0	0.01	98.57
95.0-96.0	0.7	0.1	891.1	0.01	98.58
96.0-97.0	0.8	0.1	891.2	0.01	98.59
97.0-98.0	0.8	0.1	891.2	0.01	98.60
98.0-99.0	0.8	0.1	891.3	0.01	98.61
99.0-100.0	0.8	0.1	891.4	0.01	98.62
100.0-101.0	0.8	0.1	891.5	0.01	98.62
101.0-102.0	0.8	0.1	891.6	0.01	98.63
102.0-103.0	0.8	0.1	891.7	0.01	98.64
103.0-104.0	0.9	0.1	891.8	0.01	98.65
104.0-105.0	0.9	0.1	891.9	0.01	98.66
105.0-106.0	0.9	0.1	892.0	0.01	98.67
106.0-107.0	0.9	0.1	892.0	0.01	98.69
107.0-108.0	0.9	0.1	892.1	0.01	98.70

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	0.9	0.1	892.2	0.01	98.71
109.0-110.0	1.0	0.1	892.3	0.01	98.72
110.0-111.0	1.0	0.1	892.4	0.01	98.73
111.0-112.0	1.0	0.1	892.5	0.01	98.74
112.0-113.0	1.0	0.1	892.7	0.01	98.75
113.0-114.0	1.1	0.1	892.8	0.01	98.76
114.0-115.0	1.1	0.1	892.9	0.01	98.78
115.0-116.0	1.2	0.1	893.0	0.01	98.79
116.0-117.0	1.2	0.1	893.1	0.01	98.80
117.0-118.0	1.2	0.1	893.2	0.01	98.82
118.0-119.0	1.3	0.1	893.3	0.01	98.83
119.0-120.0	1.3	0.1	893.5	0.01	98.84
120.0-121.0	1.4	0.1	893.6	0.01	98.86
121.0-122.0	1.4	0.1	893.7	0.01	98.87
122.0-123.0	1.5	0.1	893.9	0.02	98.89
123.0-124.0	1.5	0.1	894.0	0.02	98.90
124.0-125.0	1.6	0.1	894.2	0.02	98.92
125.0-126.0	1.7	0.1	894.3	0.02	98.94
126.0-127.0	1.7	0.2	894.5	0.02	98.95
127.0-128.0	1.8	0.2	894.6	0.02	98.97
128.0-129.0	1.9	0.2	894.8	0.02	98.99
129.0-130.0	2.0	0.2	894.9	0.02	99.01
130.0-131.0	2.1	0.2	895.1	0.02	99.03
131.0-132.0	2.2	0.2	895.3	0.02	99.04
132.0-133.0	2.3	0.2	895.5	0.02	99.07
133.0-134.0	2.4	0.2	895.7	0.02	99.09
134.0-135.0	2.5	0.2	895.9	0.02	99.11
135.0-136.0	2.6	0.2	896.1	0.02	99.13
136.0-137.0	2.7	0.2	896.3	0.02	99.15
137.0-138.0	2.8	0.2	896.5	0.02	99.17
138.0-139.0	2.9	0.2	896.7	0.02	99.20
139.0-140.0	3.1	0.2	896.9	0.02	99.22
140.0-141.0	3.2	0.2	897.1	0.02	99.25
141.0-142.0	3.3	0.2	897.3	0.03	99.27
142.0-143.0	3.5	0.2	897.6	0.03	99.30
143.0-144.0	3.6	0.2	897.8	0.03	99.32

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	3.7	0.2	898.1	0.03	99.35
145.0-146.0	3.9	0.2	898.3	0.03	99.38
146.0-147.0	4.0	0.2	898.5	0.03	99.40
147.0-148.0	4.2	0.2	898.8	0.03	99.43
148.0-149.0	4.3	0.2	899.0	0.03	99.46
149.0-150.0	4.4	0.2	899.3	0.03	99.48
150.0-151.0	4.6	0.2	899.5	0.03	99.51
151.0-152.0	4.7	0.2	899.8	0.03	99.54
152.0-153.0	4.8	0.2	900.0	0.03	99.57
153.0-154.0	5.0	0.2	900.3	0.03	99.59
154.0-155.0	5.1	0.2	900.5	0.03	99.62
155.0-156.0	5.2	0.2	900.7	0.03	99.65
156.0-157.0	5.3	0.2	901.0	0.03	99.67
157.0-158.0	5.4	0.2	901.2	0.03	99.70
158.0-159.0	5.5	0.2	901.4	0.02	99.72
159.0-160.0	5.6	0.2	901.6	0.02	99.75
160.0-161.0	5.7	0.2	901.8	0.02	99.77
161.0-162.0	5.8	0.2	902.0	0.02	99.79
162.0-163.0	5.8	0.2	902.2	0.02	99.81
163.0-164.0	5.9	0.2	902.4	0.02	99.83
164.0-165.0	6.0	0.2	902.6	0.02	99.85
165.0-166.0	6.0	0.2	902.8	0.02	99.87
166.0-167.0	6.1	0.2	902.9	0.02	99.89
167.0-168.0	6.2	0.1	903.1	0.02	99.90
168.0-169.0	6.2	0.1	903.2	0.02	99.92
169.0-170.0	6.3	0.1	903.3	0.01	99.93
170.0-171.0	6.3	0.1	903.4	0.01	99.95
171.0-172.0	6.3	0.1	903.5	0.01	99.96
172.0-173.0	6.3	0.1	903.6	0.01	99.97
173.0-174.0	6.4	0.1	903.7	0.01	99.98
174.0-175.0	6.4	0.1	903.8	0.01	99.98
175.0-176.0	6.4	0.1	903.8	0.01	99.99
176.0-177.0	6.5	0.0	903.9	0.00	99.99
177.0-178.0	6.5	0.0	903.9	0.00	100.00
178.0-179.0	6.5	0.0	903.9	0.00	100.00
179.0-180.0	6.5	0.0	903.9	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: