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

Report No.: **Test Time: 2022/11/24 16:49**

Luminaire Property

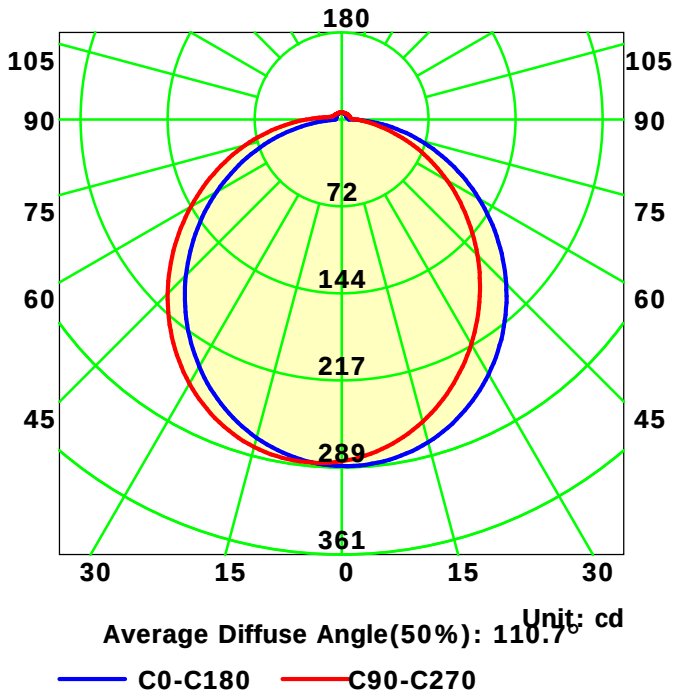
Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Silhouette Plus
Luminaire Description: Neon Silhouette Plus 6000k
Lamp Catalog: NLSP4.560 **Number of Lamps: 1**
Luminous Length (mm): 1000 **Luminous Width (mm): 12**
Luminous Height (mm): 20 **Voltage: 24.0 V**
Current: 0.635 A **Power: 15.23 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 873.3 lm**
Measurement Flux: 873.3 lm **Efficiency: 100%**
Downward Ratio: 95% **Upward Ratio: 5%**
Horizontal Diffuse Angle(10%,50%): H165.5,H111.6
Vertical Diffuse Angle(10%,50%): V171.5,V109.9
Luminaire Efficacy Rating (LER): 57 **Central Intensity: 288.09 cd**
Max. Intensity: 288.3 cd **Pos of Max. Intensity: H0 V1**

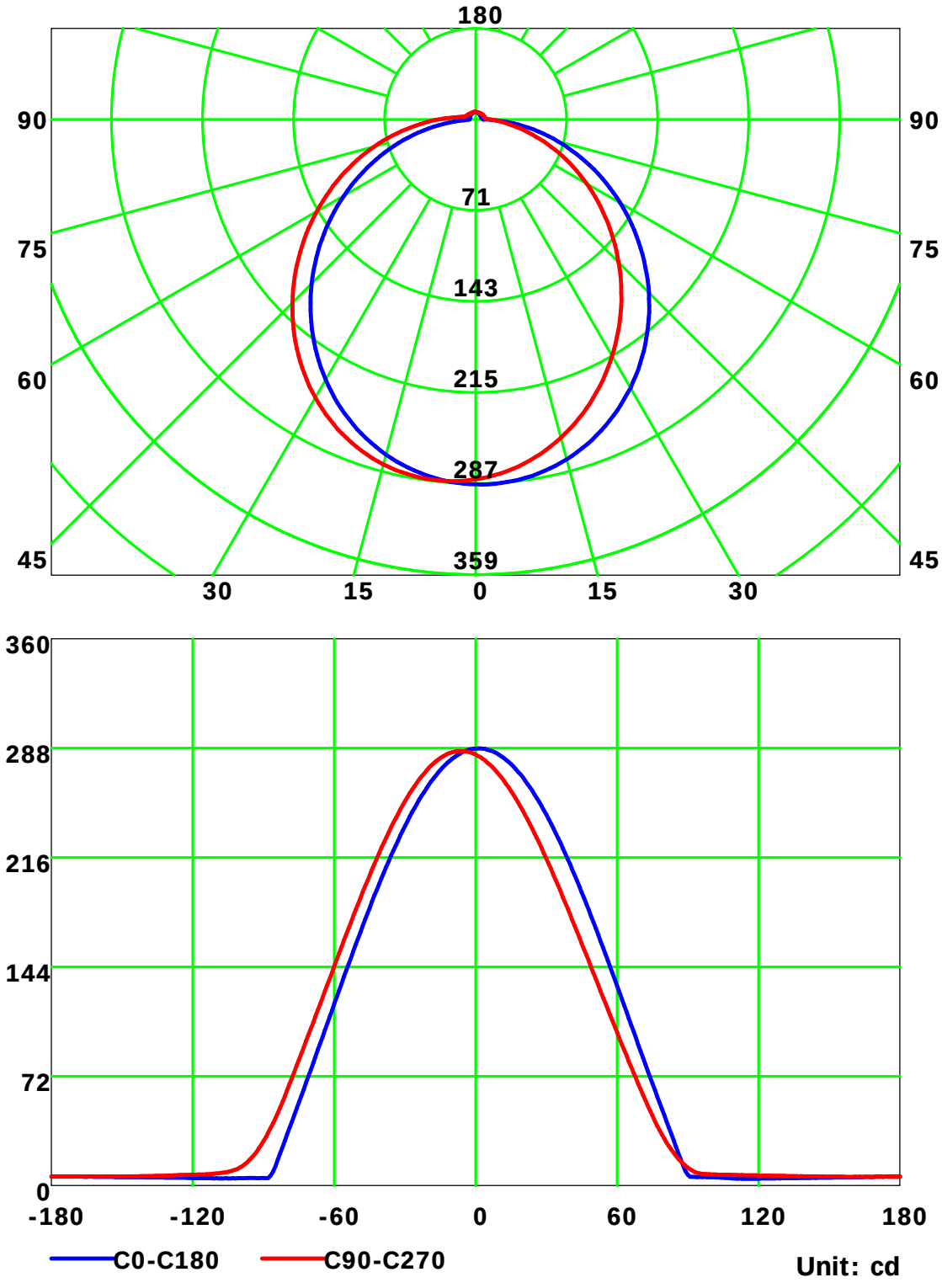
Picture Of Luminaire

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:**

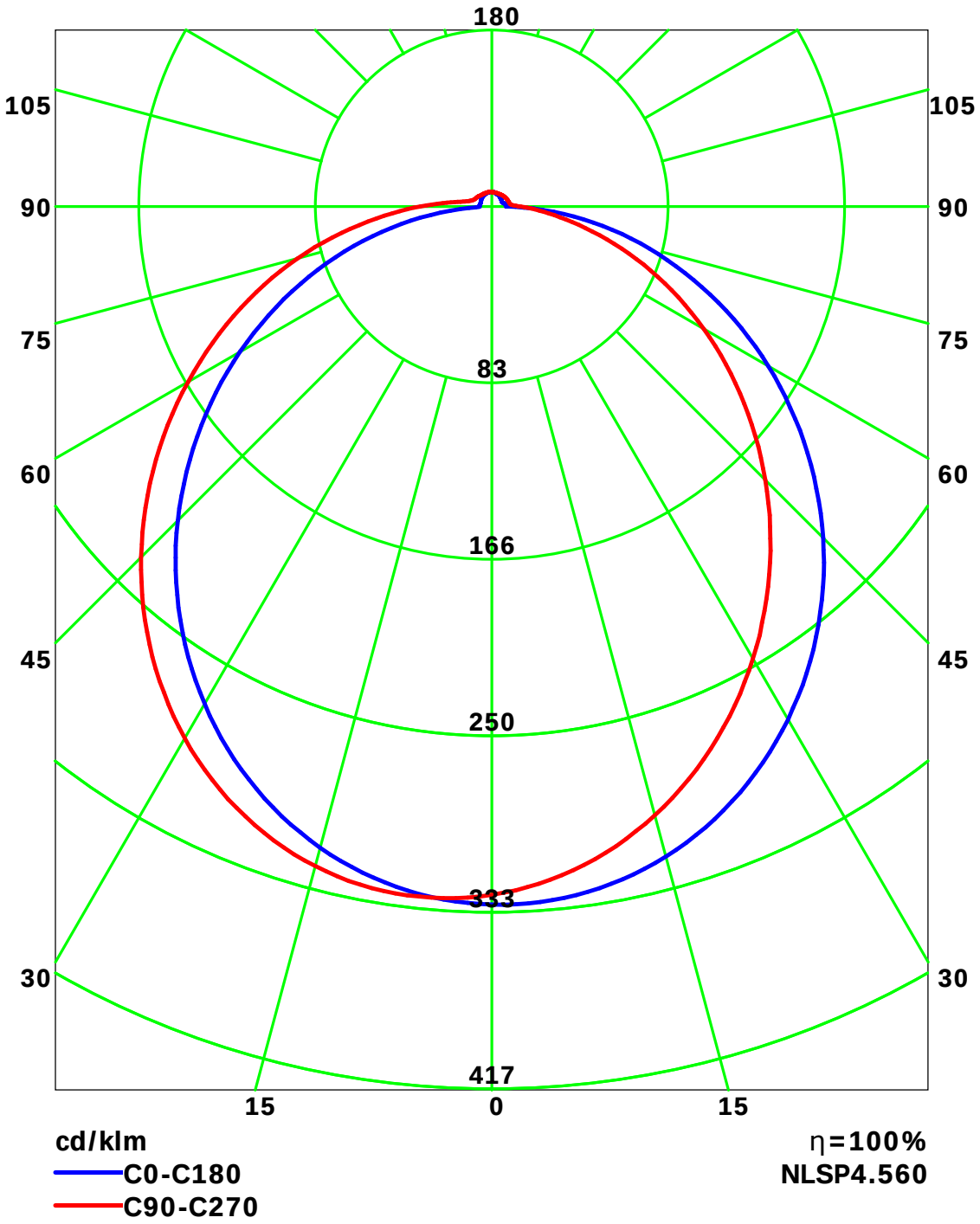
Luminous Intensity Distribution Curve



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

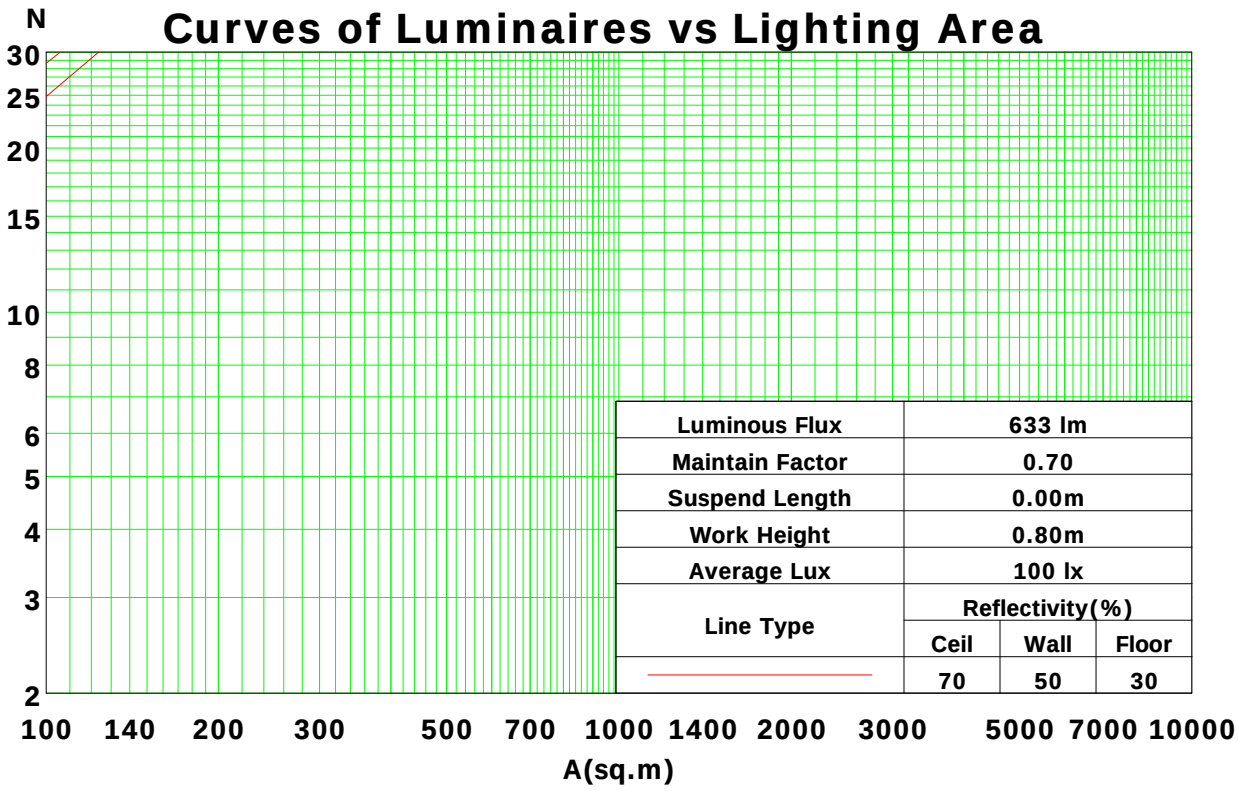
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	118	118	118	118	114	114	114	114	108	108	108	103	103	103	97	97	97	95
1	107	102	97	93	103	99	95	91	94	90	87	89	86	84	84	82	80	78
2	97	88	81	75	94	86	79	74	81	76	71	77	73	69	74	70	67	64
3	88	77	69	62	85	75	68	61	72	65	60	68	62	58	65	60	56	54
4	81	68	59	52	78	67	58	52	63	56	51	61	54	49	58	52	48	46
5	74	61	52	45	72	60	51	45	57	49	44	54	48	43	52	46	42	39
6	68	55	46	39	66	54	45	39	51	44	38	49	42	37	47	41	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	30
8	59	45	37	31	57	44	36	31	43	35	30	41	34	30	39	34	29	27
9	55	42	33	28	53	41	33	28	39	32	27	38	31	27	36	31	26	24
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.24
Spacing Criteria (90-270): 1.23
Spacing Criteria (Diagonal): 1.35

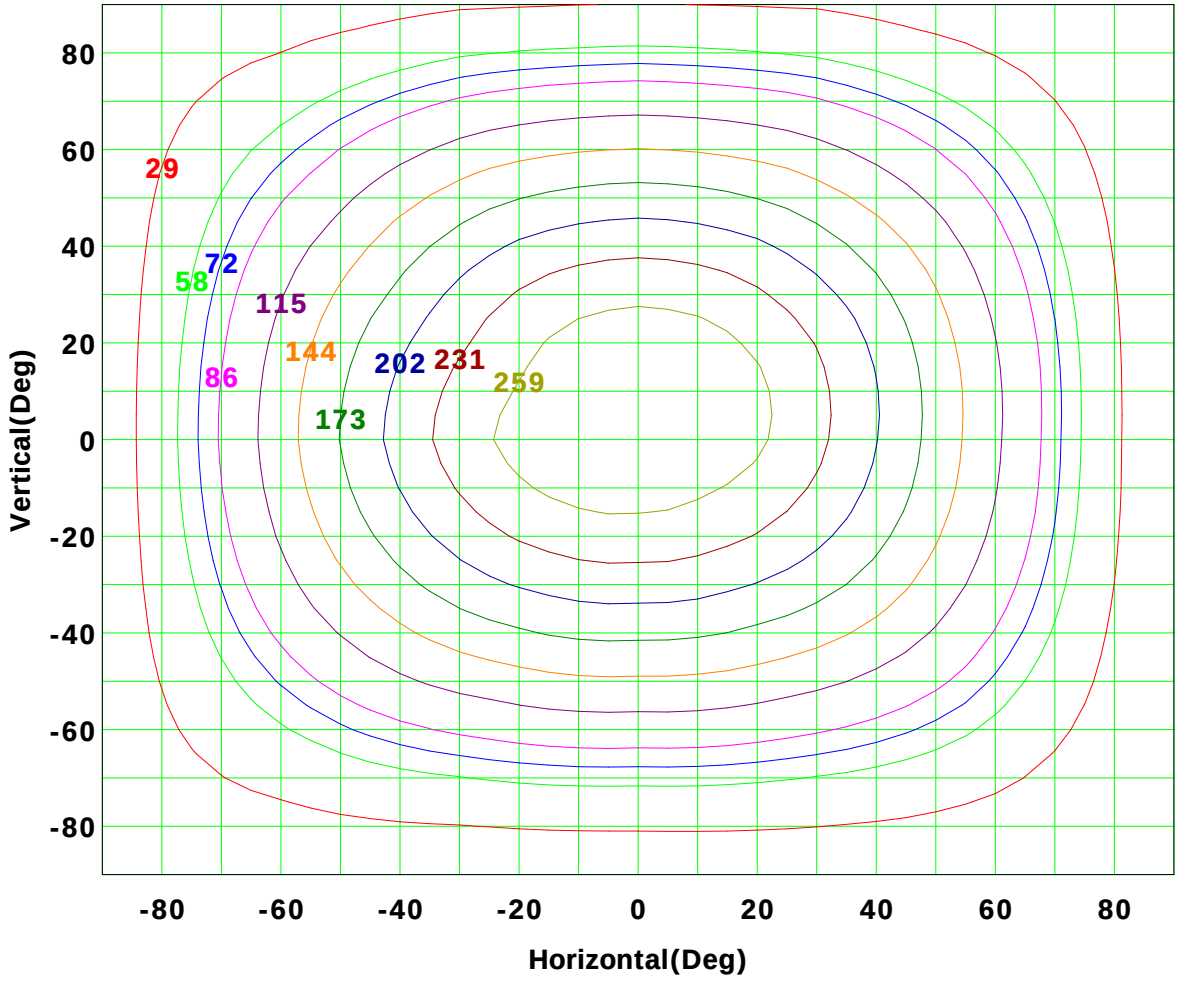
Curves of Luminaires vs Lighting Area



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)



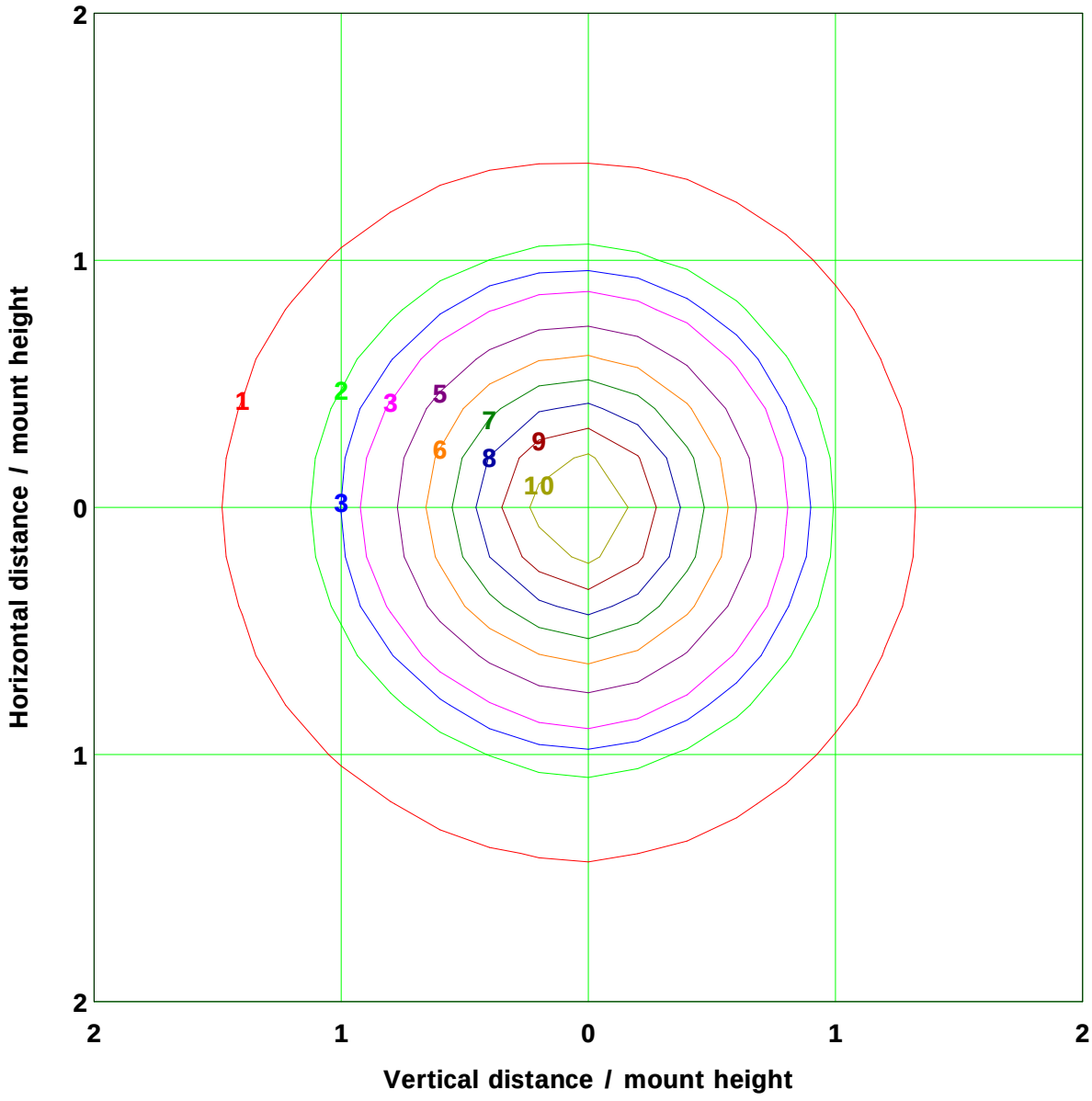
Imax (100%): 288 cd

(10%): 29 cd	(20%): 58 cd
(25%): 72 cd	(30%): 86 cd
(40%): 115 cd	(50%): 144 cd
(60%): 173 cd	(70%): 202 cd
(80%): 231 cd	(90%): 259 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%): 11.5 lx**

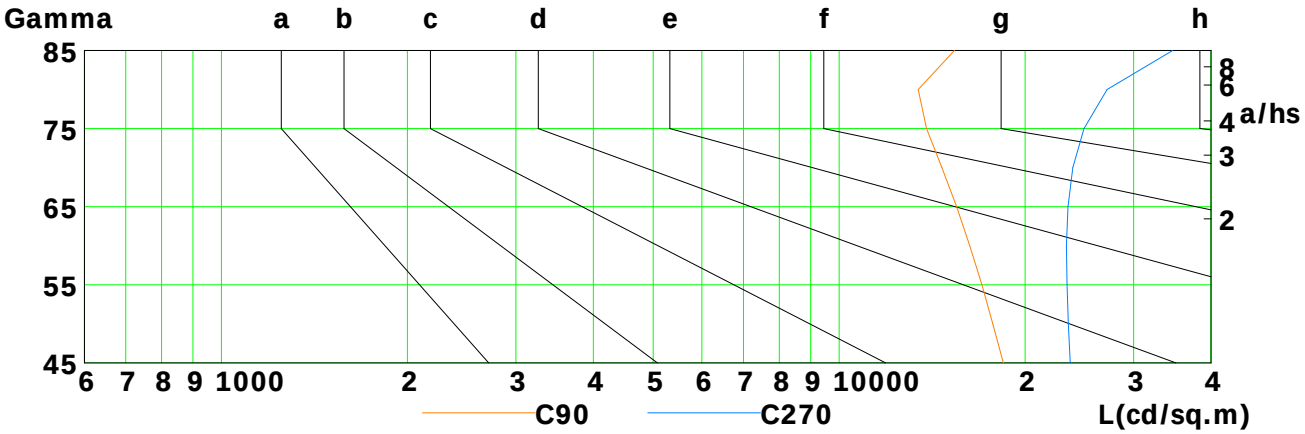
(10%): 1.2 lx	(20%): 2.3 lx
(25%): 2.9 lx	(30%): 3.5 lx
(40%): 4.6 lx	(50%): 5.8 lx
(60%): 6.9 lx	(70%): 8.1 lx
(80%): 9.2 lx	(90%): 10.4 lx

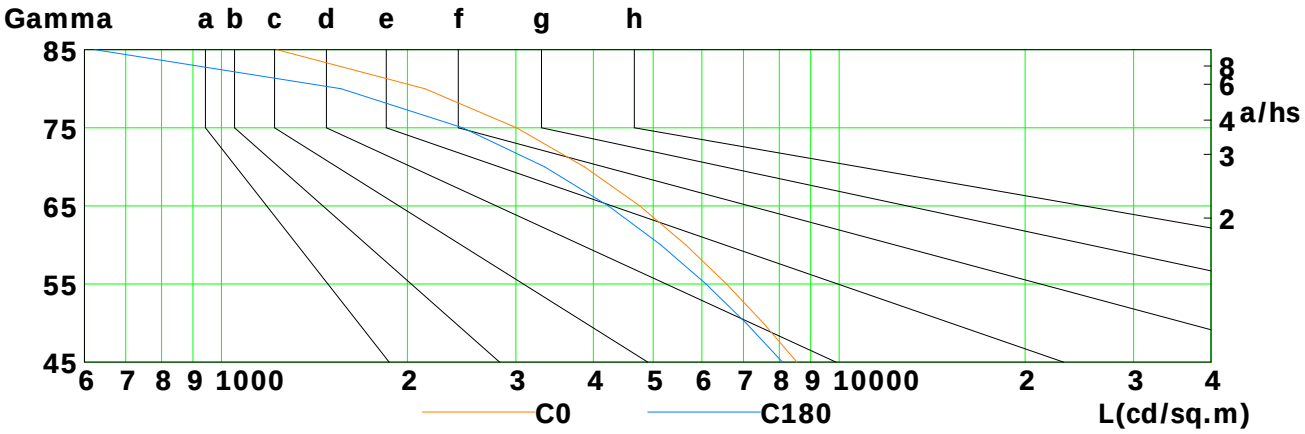
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

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



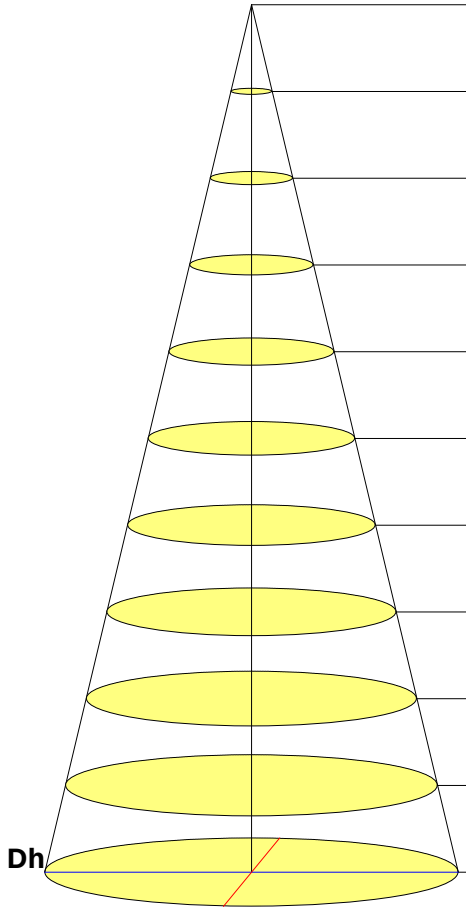


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	8549	7542	6577	5647	4758	3873	3006	2136	1230
C90	18452	17742	17027	16286	15498	14680	13860	13430	15370
C180	8103	7071	6090	5148	4235	3338	2460	1563	625
C270	23668	23497	23384	23329	23485	23911	24916	27171	34686

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



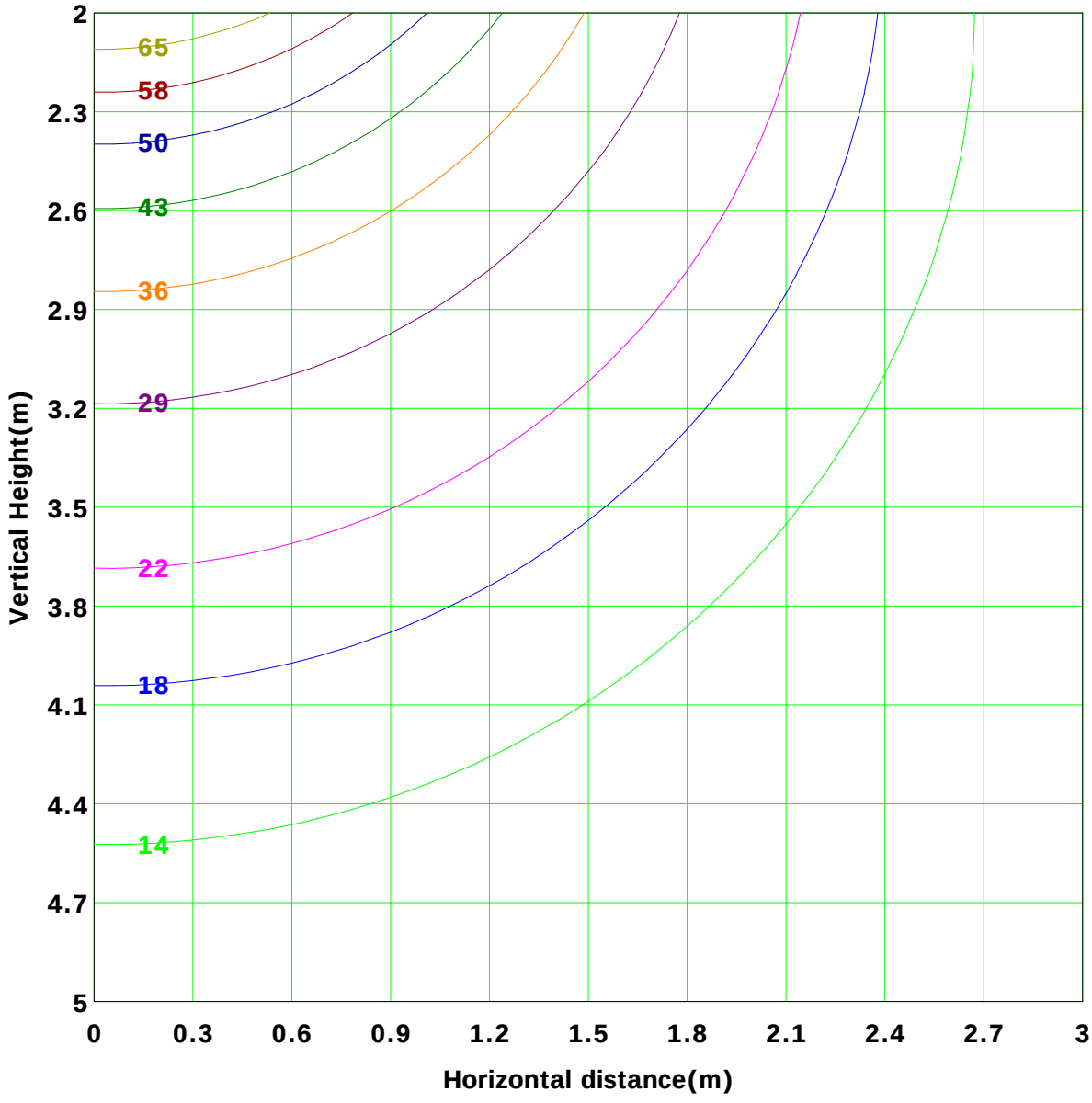
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	288.09	2.94/2.85	6.9	46.53
2.0	72.02	5.88/5.70	27.7	11.63
3.0	32.01	8.82/8.55	62.3	5.17
4.0	18.01	11.76/11.40	110.8	2.91
5.0	11.52	14.70/14.25	173.1	1.86
6.0	8.00	17.65/17.10	249.3	1.29
7.0	5.88	20.59/19.95	339.3	0.95
8.0	4.50	23.53/22.79	443.1	0.73
9.0	3.56	26.47/25.64	560.8	0.57
10.0	2.88	29.41/28.49	692.4	0.47

Beam Angle(B): H111.6 V109.9 Field Angle(F): H165.5 V171.5

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: 72.0 lx

(10%): 7.2 lx	(20%): 14.4 lx
(25%): 18.0 lx	(30%): 21.6 lx
(40%): 28.8 lx	(50%): 36.0 lx
(60%): 43.2 lx	(70%): 50.4 lx
(80%): 57.6 lx	(90%): 64.8 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: 9.028 m
Humidity: 60%
Inspector:

Area Flux Table

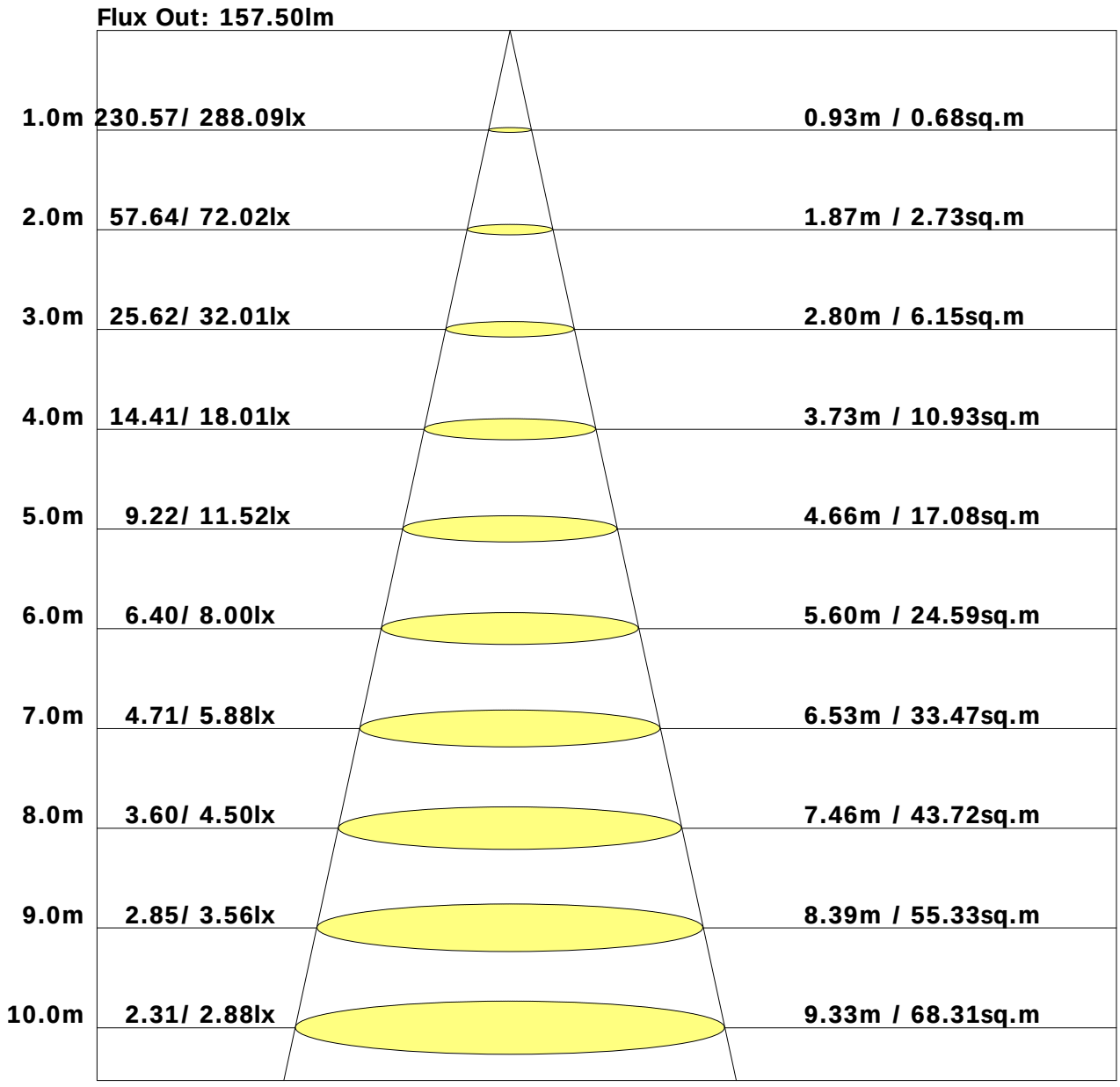
Unit: lm

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	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1
-90	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.0	5.3	4.4
-80	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0	0.8	0.7	0.5	0.3	0.1	0.0	14.8	14.0
-70	0.4	0.8	1.1	1.5	1.8	2.1	2.3	2.5	2.5	2.5	2.3	2.1	1.8	1.5	1.2	0.9	0.5	0.3	0.0	28.4	27.6
-60	0.7	1.2	1.8	2.4	2.9	3.4	3.7	3.9	4.0	3.9	3.7	3.4	2.9	2.4	1.9	1.3	0.8	0.4	0.0	44.5	43.7
-50	0.9	1.7	2.5	3.3	4.0	4.6	5.1	5.4	5.5	5.4	5.1	4.6	4.0	3.3	2.5	1.7	1.0	0.5	0.0	61.1	60.4
-40	1.1	2.1	3.1	4.1	5.0	5.8	6.4	6.8	7.0	6.8	6.3	5.7	5.0	4.1	3.0	2.1	1.2	0.6	0.0	76.0	75.4
-30	1.3	2.3	3.5	4.7	5.8	6.7	7.5	7.9	8.1	7.9	7.3	6.5	5.6	4.5	3.4	2.4	1.4	0.6	0.0	87.2	86.6
-20	1.3	2.5	3.7	5.0	6.2	7.2	8.0	8.5	8.7	8.4	7.8	7.0	6.0	4.8	3.7	2.5	1.4	0.6	0.0	93.1	92.6
-10	1.3	2.5	3.7	5.0	6.1	7.2	8.0	8.4	8.6	8.5	7.9	7.0	6.0	4.8	3.7	2.5	1.4	0.6	0.0	93.2	92.7
0	1.3	2.3	3.5	4.7	5.7	6.7	7.4	7.8	8.0	8.0	7.4	6.6	5.6	4.6	3.5	2.4	1.3	0.6	0.0	87.4	86.9
10	1.1	2.1	3.1	4.1	5.0	5.8	6.4	6.8	7.0	7.0	6.5	5.8	5.0	4.0	3.1	2.1	1.2	0.5	0.0	76.4	75.8
20	0.9	1.7	2.5	3.3	4.0	4.6	5.1	5.4	5.7	5.6	5.2	4.7	4.1	3.3	2.5	1.8	1.0	0.4	0.0	61.8	61.2
30	0.7	1.2	1.8	2.4	2.9	3.3	3.7	4.0	4.1	4.0	3.8	3.5	3.0	2.5	1.9	1.3	0.8	0.4	0.0	45.5	44.8
40	0.4	0.8	1.2	1.5	1.9	2.2	2.4	2.6	2.7	2.6	2.5	2.3	2.0	1.6	1.3	0.9	0.5	0.3	0.0	29.6	28.9
50	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.9	0.7	0.5	0.3	0.2	0.0	16.2	15.5
60	0.1	0.2	0.3	0.4	0.5	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	6.4	5.8
70	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	0.1	0.1	0.0	0.0	0.0	0.0	1.1	0.5
80	12.1	22.3	33.2	44.0	54.1	62.8	69.6	73.9	75.7	74.2	69.5	62.6	53.9	44.0	33.7	23.3	13.5	6.2	0.4	829	
90	9.9	21.7	33.0	43.9	54.0	62.7	69.5	73.8	75.6	74.2	69.5	62.5	53.8	43.9	33.5	22.9	12.1				
Flux(T)	817																				
Flux(E)																					

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	20.8	22.3	21.2	22.7	23.2	17.2	18.7	17.6	19.2	19.6
3H	22.8	24.2	23.3	24.6	25.1	18.5	19.9	18.9	20.3	20.8
4H	23.7	25.0	24.1	25.4	25.9	18.9	20.2	19.4	20.7	21.2
6H	24.4	25.6	24.9	26.1	26.6	19.2	20.4	19.6	20.8	21.4
8H	24.7	25.8	25.2	26.3	26.8	19.2	20.4	19.7	20.9	21.4
12H	24.9	26.0	25.4	26.5	27.1	19.3	20.4	19.8	20.9	21.4
X=4H Y=2H	21.0	22.4	21.5	22.8	23.3	17.9	19.2	18.4	19.7	20.2
3H	23.2	24.3	23.7	24.8	25.3	19.4	20.5	19.9	21.0	21.5
4H	24.1	25.2	24.6	25.7	26.2	19.9	20.9	20.4	21.4	21.9
6H	25.0	25.9	25.5	26.4	27.0	20.2	21.1	20.8	21.7	22.2
8H	25.3	26.1	25.8	26.7	27.3	20.3	21.2	20.9	21.7	22.3
12H	25.6	26.4	26.2	26.9	27.5	20.4	21.2	21.0	21.7	22.3
X=8H Y=4H	24.2	25.1	24.8	25.6	26.2	20.2	21.1	20.8	21.6	22.2
6H	25.1	25.8	25.7	26.4	27.0	20.7	21.4	21.2	22.0	22.5
8H	25.5	26.1	26.1	26.7	27.3	20.8	21.5	21.4	22.1	22.7
12H	25.9	26.4	26.4	27.0	27.7	21.0	21.5	21.6	22.1	22.8
X=12H Y=4H	24.2	25.0	24.8	25.6	26.1	20.3	21.0	20.8	21.6	22.2
6H	25.1	25.8	25.7	26.3	27.0	20.8	21.4	21.3	21.9	22.6
8H	25.5	26.1	26.1	26.7	27.4	21.0	21.5	21.5	22.1	22.8

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	0.54	0.64	0.71	0.77	0.84	0.89	0.93	0.97	1.00
	0.30		0.46	0.56	0.64	0.69	0.78	0.83	0.87	0.93	0.97
	0.20		0.41	0.51	0.58	0.64	0.72	0.78	0.83	0.89	0.93
0.50	0.50	0.20	0.52	0.62	0.68	0.73	0.80	0.85	0.88	0.92	0.95
	0.30		0.45	0.55	0.62	0.67	0.75	0.80	0.84	0.89	0.92
	0.20		0.40	0.50	0.57	0.62	0.70	0.76	0.80	0.85	0.89
0.30	0.50	0.20	0.50	0.59	0.65	0.70	0.76	0.81	0.84	0.88	0.90
	0.30		0.44	0.53	0.60	0.65	0.72	0.77	0.80	0.85	0.88
	0.20		0.39	0.49	0.55	0.61	0.68	0.73	0.77	0.82	0.86
0.00	0.00	0.00	0.37	0.45	0.52	0.57	0.64	0.68	0.72	0.77	0.80

Rating:15W 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	1.01	0.84	0.72	0.63	0.51	0.43	0.37	0.29	0.24
	0.30		0.84	0.72	0.63	0.56	0.46	0.39	0.34	0.27	0.23
	0.20		0.72	0.63	0.56	0.50	0.42	0.36	0.32	0.25	0.21
0.50	0.50	0.20	0.96	0.80	0.68	0.60	0.48	0.43	0.35	0.27	0.22
	0.30		0.81	0.69	0.60	0.54	0.44	0.37	0.32	0.26	0.21
	0.20		0.71	0.61	0.54	0.49	0.41	0.35	0.30	0.24	0.21
0.30	0.50	0.20	0.92	0.76	0.65	0.57	0.46	0.38	0.33	0.26	0.21
	0.30		0.79	0.67	0.58	0.52	0.42	0.36	0.31	0.25	0.20
	0.20		0.69	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.20
0.00	0.00	0.00	0.58	0.50	0.43	0.38	0.31	0.27	0.23	0.18	0.15

Rating:15W 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	0.21	0.23	0.23	0.24	0.25	0.26	0.26	0.26	0.27
	0.30		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21
0.50	0.50	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26
	0.30		0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23
	0.20		0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.20	0.21
0.30	0.50	0.20	0.20	0.21	0.22	0.22	0.23	0.24	0.24	0.24	0.25
	0.30		0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.22
	0.20		0.09	0.11	0.12	0.13	0.15	0.16	0.18	0.19	0.20
0.00	0.00	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Rating:15W 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	284.6	0.3	0.3	0.03	0.03
1.0-2.0	284.5	0.8	1.1	0.09	0.12
2.0-3.0	284.3	1.4	2.4	0.16	0.28
3.0-4.0	283.9	1.9	4.3	0.22	0.50
4.0-5.0	283.5	2.4	6.8	0.28	0.78
5.0-6.0	282.9	3.0	9.8	0.34	1.12
6.0-7.0	282.3	3.5	13.3	0.40	1.52
7.0-8.0	281.5	4.0	17.3	0.46	1.98
8.0-9.0	280.6	4.5	21.8	0.52	2.50
9.0-10.0	279.6	5.1	26.9	0.58	3.08
10.0-11.0	278.5	5.6	32.5	0.64	3.72
11.0-12.0	277.2	6.1	38.5	0.69	4.41
12.0-13.0	275.9	6.5	45.1	0.75	5.16
13.0-14.0	274.5	7.0	52.1	0.80	5.97
14.0-15.0	272.9	7.5	59.6	0.86	6.83
15.0-16.0	271.3	8.0	67.6	0.91	7.74
16.0-17.0	269.5	8.4	75.9	0.96	8.70
17.0-18.0	267.7	8.8	84.8	1.01	9.71
18.0-19.0	265.7	9.2	94.0	1.06	10.77
19.0-20.0	263.7	9.7	103.7	1.11	11.87
20.0-21.0	261.5	10.0	113.7	1.15	13.02
21.0-22.0	259.3	10.4	124.1	1.19	14.22
22.0-23.0	256.9	10.8	134.9	1.23	15.45
23.0-24.0	254.5	11.1	146.0	1.27	16.72
24.0-25.0	252.0	11.5	157.5	1.31	18.04
25.0-26.0	249.4	11.8	169.3	1.35	19.38
26.0-27.0	246.7	12.1	181.3	1.38	20.77
27.0-28.0	243.9	12.4	193.7	1.41	22.18
28.0-29.0	241.1	12.6	206.3	1.44	23.63
29.0-30.0	238.2	12.9	219.2	1.47	25.10
30.0-31.0	235.1	13.1	232.3	1.50	26.60
31.0-32.0	232.1	13.3	245.6	1.52	28.12
32.0-33.0	228.9	13.5	259.1	1.54	29.67
33.0-34.0	225.7	13.7	272.7	1.56	31.23
34.0-35.0	222.4	13.8	286.5	1.58	32.81
35.0-36.0	219.1	14.0	300.5	1.60	34.41

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	215.7	14.1	314.6	1.61	36.02
37.0-38.0	212.2	14.2	328.7	1.62	37.64
38.0-39.0	208.7	14.2	343.0	1.63	39.27
39.0-40.0	205.1	14.3	357.3	1.64	40.91
40.0-41.0	201.5	14.3	371.6	1.64	42.56
41.0-42.0	197.8	14.4	386.0	1.65	44.20
42.0-43.0	194.1	14.4	400.4	1.65	45.85
43.0-44.0	190.4	14.4	414.8	1.65	47.50
44.0-45.0	186.5	14.3	429.1	1.64	49.14
45.0-46.0	182.7	14.3	443.4	1.64	50.77
46.0-47.0	178.8	14.2	457.6	1.63	52.40
47.0-48.0	174.9	14.1	471.7	1.62	54.02
48.0-49.0	170.9	14.0	485.8	1.61	55.63
49.0-50.0	167.0	13.9	499.7	1.59	57.22
50.0-51.0	163.0	13.8	513.5	1.58	58.80
51.0-52.0	159.0	13.6	527.1	1.56	60.37
52.0-53.0	154.9	13.5	540.6	1.54	61.91
53.0-54.0	150.8	13.3	553.9	1.52	63.43
54.0-55.0	146.8	13.1	567.0	1.50	64.93
55.0-56.0	142.7	12.9	579.9	1.48	66.41
56.0-57.0	138.6	12.7	592.6	1.45	67.86
57.0-58.0	134.5	12.4	605.0	1.42	69.29
58.0-59.0	130.4	12.2	617.2	1.40	70.68
59.0-60.0	126.3	11.9	629.2	1.37	72.05
60.0-61.0	122.1	11.7	640.8	1.33	73.38
61.0-62.0	118.0	11.4	652.2	1.30	74.68
62.0-63.0	113.9	11.1	663.3	1.27	75.95
63.0-64.0	109.7	10.8	674.0	1.23	77.19
64.0-65.0	105.6	10.5	684.5	1.20	78.38
65.0-66.0	101.5	10.1	694.6	1.16	79.54
66.0-67.0	97.4	9.8	704.4	1.12	80.67
67.0-68.0	93.3	9.5	713.9	1.08	81.75
68.0-69.0	89.2	9.1	723.0	1.04	82.79
69.0-70.0	85.1	8.7	731.7	1.00	83.79
70.0-71.0	81.1	8.4	740.1	0.96	84.75
71.0-72.0	77.1	8.0	748.1	0.92	85.67

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	73.1	7.6	755.8	0.88	86.55
73.0-74.0	69.1	7.3	763.0	0.83	87.38
74.0-75.0	65.2	6.9	769.9	0.79	88.17
75.0-76.0	61.2	6.5	776.4	0.74	88.91
76.0-77.0	57.3	6.1	782.5	0.70	89.61
77.0-78.0	53.5	5.7	788.3	0.66	90.27
78.0-79.0	49.7	5.3	793.6	0.61	90.88
79.0-80.0	45.9	5.0	798.5	0.57	91.45
80.0-81.0	42.2	4.6	803.1	0.52	91.97
81.0-82.0	38.6	4.2	807.3	0.48	92.45
82.0-83.0	35.0	3.8	811.1	0.44	92.88
83.0-84.0	31.6	3.4	814.6	0.39	93.28
84.0-85.0	28.3	3.1	817.7	0.35	93.63
85.0-86.0	25.3	2.8	820.4	0.32	93.95
86.0-87.0	22.4	2.5	822.9	0.28	94.23
87.0-88.0	19.9	2.2	825.0	0.25	94.48
88.0-89.0	17.6	1.9	827.0	0.22	94.70
89.0-90.0	15.7	1.7	828.7	0.20	94.90
90.0-91.0	14.1	1.5	830.2	0.18	95.08
91.0-92.0	12.8	1.4	831.6	0.16	95.24
92.0-93.0	11.7	1.3	832.9	0.15	95.38
93.0-94.0	10.8	1.2	834.1	0.14	95.52
94.0-95.0	10.2	1.1	835.2	0.13	95.65
95.0-96.0	9.6	1.0	836.3	0.12	95.77
96.0-97.0	9.1	1.0	837.3	0.11	95.88
97.0-98.0	8.7	0.9	838.2	0.11	95.99
98.0-99.0	8.4	0.9	839.1	0.10	96.09
99.0-100.0	8.1	0.9	840.0	0.10	96.19
100.0-101.0	7.8	0.8	840.8	0.10	96.29
101.0-102.0	7.6	0.8	841.7	0.09	96.38
102.0-103.0	7.5	0.8	842.4	0.09	96.47
103.0-104.0	7.3	0.8	843.2	0.09	96.56
104.0-105.0	7.2	0.8	844.0	0.09	96.65
105.0-106.0	7.0	0.7	844.7	0.09	96.73
106.0-107.0	6.9	0.7	845.5	0.08	96.82
107.0-108.0	6.8	0.7	846.2	0.08	96.90

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	6.8	0.7	846.9	0.08	96.98
109.0-110.0	6.7	0.7	847.6	0.08	97.06
110.0-111.0	6.6	0.7	848.3	0.08	97.14
111.0-112.0	6.6	0.7	848.9	0.08	97.21
112.0-113.0	6.5	0.7	849.6	0.08	97.29
113.0-114.0	6.5	0.7	850.2	0.07	97.36
114.0-115.0	6.5	0.6	850.9	0.07	97.44
115.0-116.0	6.4	0.6	851.5	0.07	97.51
116.0-117.0	6.4	0.6	852.2	0.07	97.58
117.0-118.0	6.4	0.6	852.8	0.07	97.66
118.0-119.0	6.4	0.6	853.4	0.07	97.73
119.0-120.0	6.4	0.6	854.0	0.07	97.80
120.0-121.0	6.3	0.6	854.6	0.07	97.86
121.0-122.0	6.3	0.6	855.2	0.07	97.93
122.0-123.0	6.3	0.6	855.8	0.07	98.00
123.0-124.0	6.3	0.6	856.4	0.07	98.06
124.0-125.0	6.3	0.6	856.9	0.07	98.13
125.0-126.0	6.3	0.6	857.5	0.06	98.19
126.0-127.0	6.2	0.6	858.0	0.06	98.26
127.0-128.0	6.2	0.5	858.6	0.06	98.32
128.0-129.0	6.2	0.5	859.1	0.06	98.38
129.0-130.0	6.2	0.5	859.6	0.06	98.44
130.0-131.0	6.2	0.5	860.1	0.06	98.50
131.0-132.0	6.2	0.5	860.6	0.06	98.56
132.0-133.0	6.1	0.5	861.1	0.06	98.61
133.0-134.0	6.1	0.5	861.6	0.06	98.67
134.0-135.0	6.1	0.5	862.1	0.05	98.72
135.0-136.0	6.1	0.5	862.6	0.05	98.78
136.0-137.0	6.1	0.5	863.0	0.05	98.83
137.0-138.0	6.1	0.4	863.5	0.05	98.88
138.0-139.0	6.1	0.4	863.9	0.05	98.93
139.0-140.0	6.0	0.4	864.4	0.05	98.98
140.0-141.0	6.0	0.4	864.8	0.05	99.03
141.0-142.0	6.1	0.4	865.2	0.05	99.08
142.0-143.0	6.1	0.4	865.6	0.05	99.12
143.0-144.0	6.0	0.4	866.0	0.05	99.17

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	6.0	0.4	866.4	0.04	99.21
145.0-146.0	6.0	0.4	866.8	0.04	99.26
146.0-147.0	6.0	0.4	867.1	0.04	99.30
147.0-148.0	6.0	0.4	867.5	0.04	99.34
148.0-149.0	6.0	0.3	867.8	0.04	99.38
149.0-150.0	6.0	0.3	868.2	0.04	99.42
150.0-151.0	6.0	0.3	868.5	0.04	99.45
151.0-152.0	6.0	0.3	868.8	0.04	99.49
152.0-153.0	6.0	0.3	869.1	0.03	99.52
153.0-154.0	6.0	0.3	869.4	0.03	99.56
154.0-155.0	6.0	0.3	869.7	0.03	99.59
155.0-156.0	6.0	0.3	870.0	0.03	99.62
156.0-157.0	6.0	0.3	870.2	0.03	99.65
157.0-158.0	6.0	0.3	870.5	0.03	99.68
158.0-159.0	6.0	0.2	870.7	0.03	99.71
159.0-160.0	6.0	0.2	870.9	0.03	99.74
160.0-161.0	6.1	0.2	871.2	0.03	99.76
161.0-162.0	6.1	0.2	871.4	0.02	99.79
162.0-163.0	6.1	0.2	871.6	0.02	99.81
163.0-164.0	6.1	0.2	871.8	0.02	99.83
164.0-165.0	6.1	0.2	871.9	0.02	99.85
165.0-166.0	6.1	0.2	872.1	0.02	99.87
166.0-167.0	6.1	0.2	872.3	0.02	99.89
167.0-168.0	6.1	0.1	872.4	0.02	99.90
168.0-169.0	6.1	0.1	872.5	0.02	99.92
169.0-170.0	6.1	0.1	872.7	0.01	99.93
170.0-171.0	6.1	0.1	872.8	0.01	99.95
171.0-172.0	6.1	0.1	872.9	0.01	99.96
172.0-173.0	6.1	0.1	873.0	0.01	99.97
173.0-174.0	6.1	0.1	873.0	0.01	99.98
174.0-175.0	6.1	0.1	873.1	0.01	99.98
175.0-176.0	6.0	0.1	873.2	0.01	99.99
176.0-177.0	6.1	0.0	873.2	0.00	99.99
177.0-178.0	6.1	0.0	873.2	0.00	100.00
178.0-179.0	6.1	0.0	873.2	0.00	100.00
179.0-180.0	6.1	0.0	873.3	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: