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

Report No.: 20230628 **Test Time: 2023/6/28 15:02**

Luminaire Property

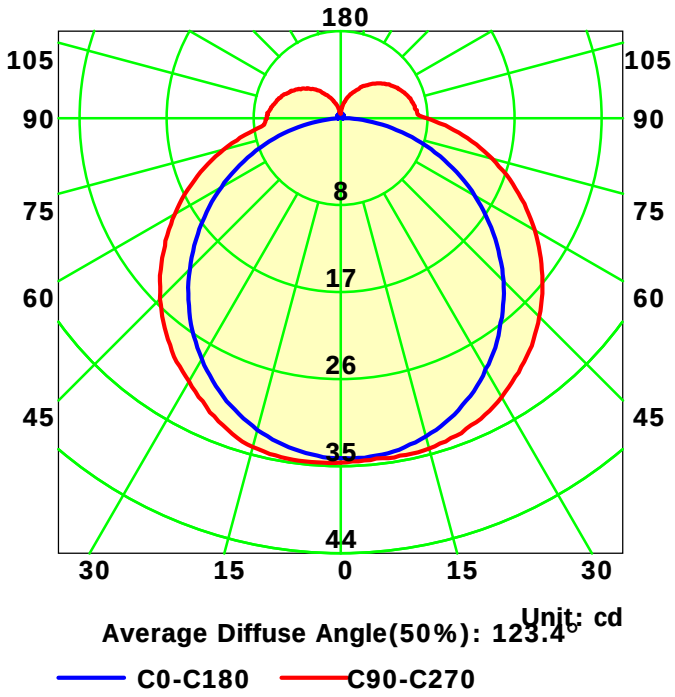
Luminaire Manufacturer:
Luminaire Category: Pixel Bar
Luminaire Description: Pixel Bar 1200 mm Square Milky **Green**
Lamp Catalog: RGBW3000K
Luminous Length (mm): 1200
Luminous Width (mm): 40
Luminous Height (mm): 30
Voltage: 219.2 V
Current: 0.057 A
Power: 8.15 W
Power Factor: 0.655

Photometric Results

CIE Class: Semi-Direct
Total Rated Lamp Lumens: 140.5 lm
Measurement Flux: 140.5 lm
Efficiency: 100%
Downward Ratio: 85%
Upward Ratio: 15%
Horizontal Diffuse Angle(10%,50%): H162.5,H110.8
Vertical Diffuse Angle(10%,50%): V291,V135.9
Luminaire Efficacy Rating (LER): 17
Central Intensity: 34.59 cd
Max. Intensity: 35.14 cd
Pos of Max. Intensity: H300 V2

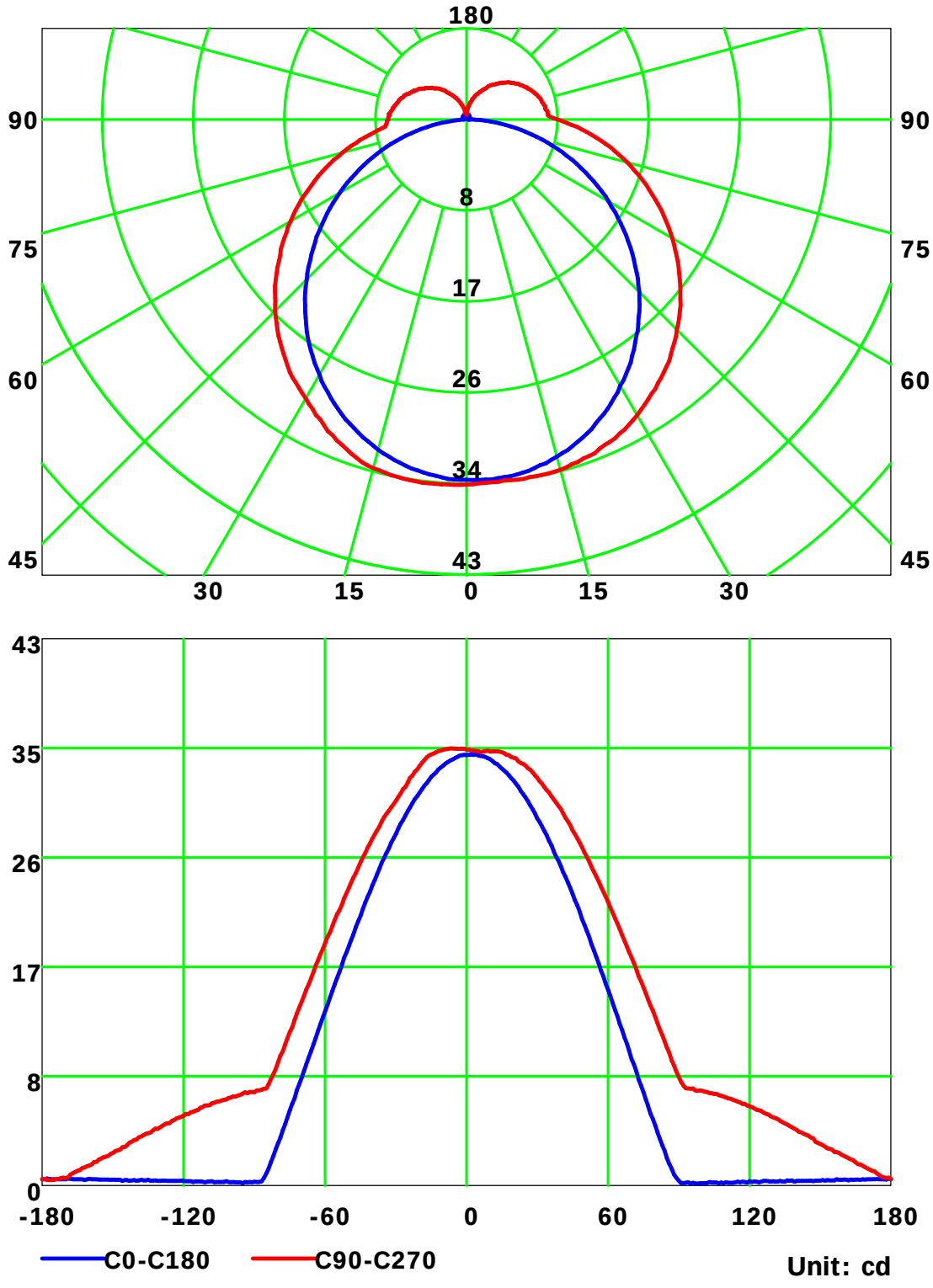
Picture Of Luminaire

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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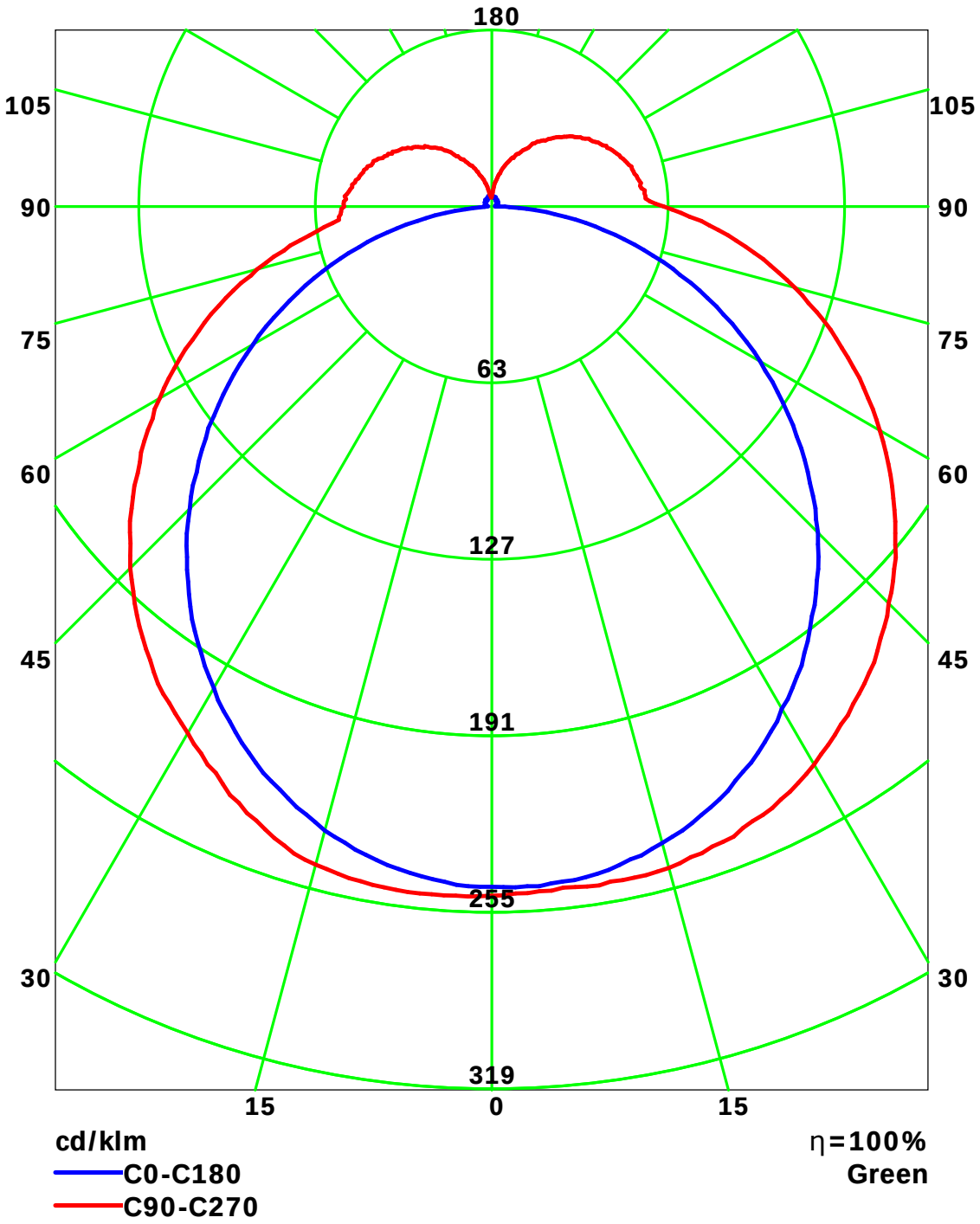
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
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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
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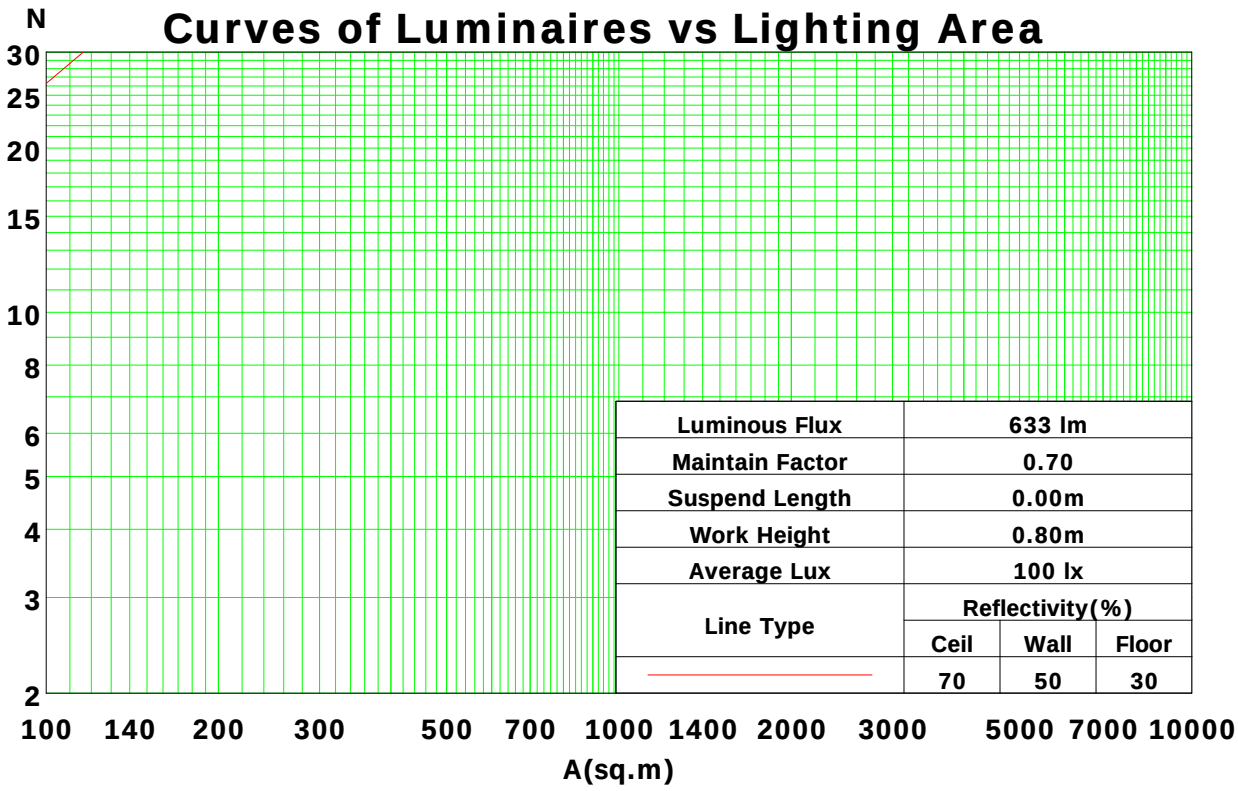
Inspector:

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	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	85
1	103	98	93	89	99	94	90	86	87	84	80	81	78	75	75	72	70	67
2	93	84	77	71	89	81	74	69	75	70	65	70	65	61	64	61	57	54
3	85	73	65	58	81	71	63	56	66	59	53	61	55	51	56	52	48	45
4	77	65	55	48	74	62	54	47	58	51	45	54	48	43	50	45	41	38
5	71	57	48	41	68	55	47	40	52	44	39	48	42	37	45	39	35	32
6	65	51	42	36	62	50	41	35	46	39	33	43	37	32	40	35	31	28
7	60	47	38	31	58	45	37	31	42	35	29	39	33	28	37	31	27	25
8	56	42	34	28	54	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	30	24	35	28	23	33	27	23	31	26	22	20
10	49	36	28	22	47	35	27	22	33	26	21	31	25	20	29	23	20	18

Spacing Criteria (0-180): 1.24
Spacing Criteria (90-270): 1.35
Spacing Criteria (Diagonal): 1.45

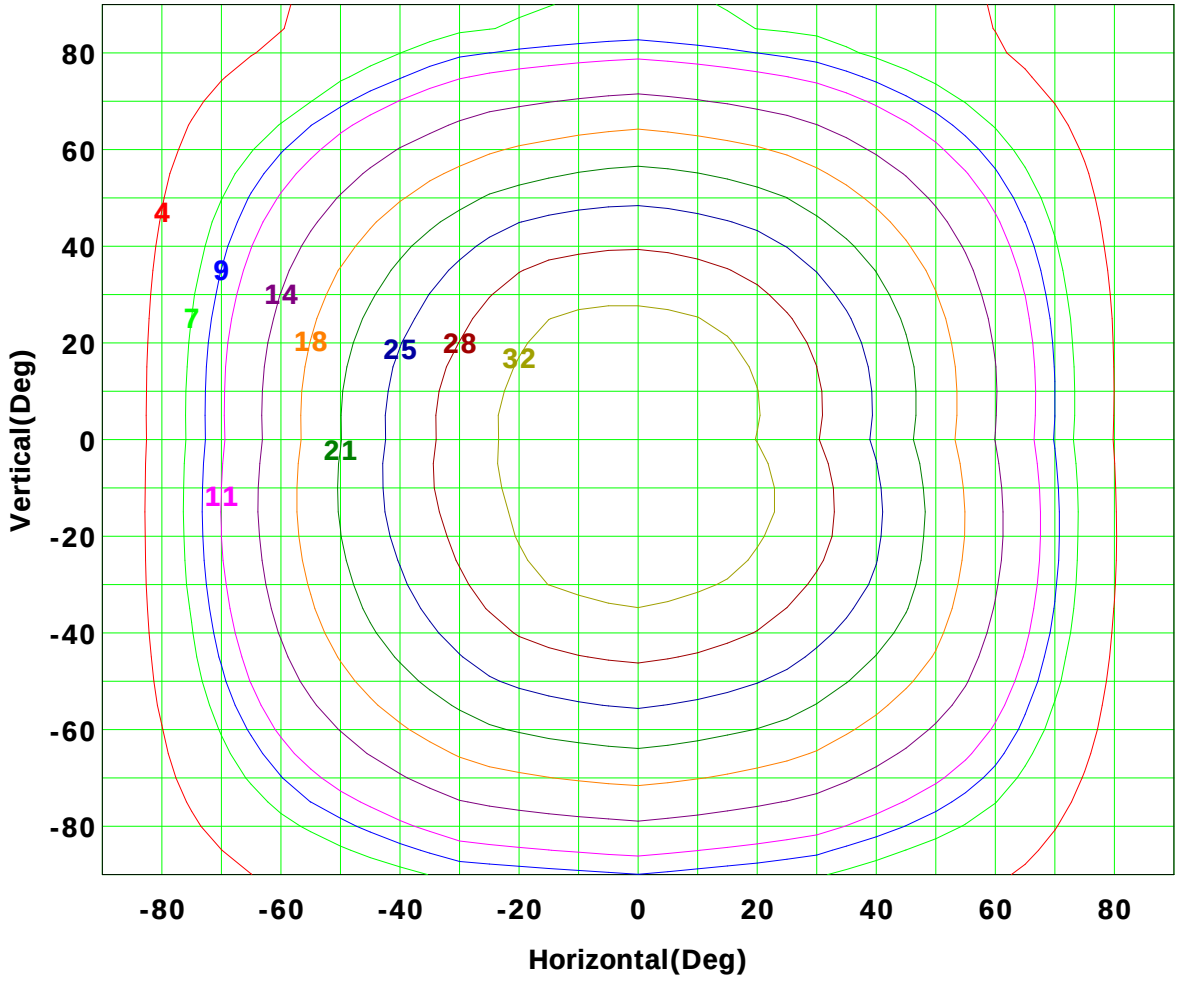
Curves of Luminaires vs Lighting Area



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)



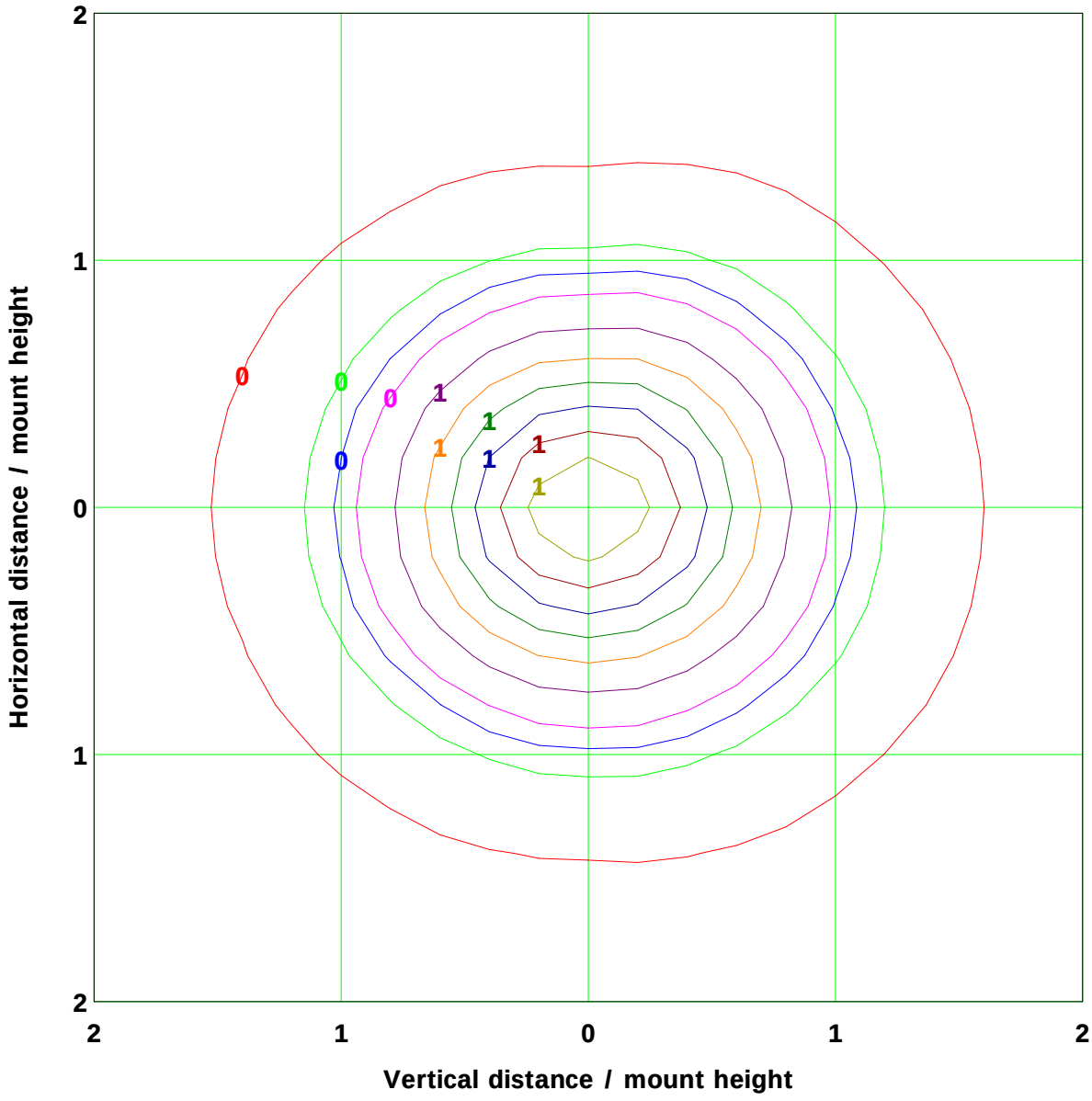
Imax (100%): 35 cd

(10%):	4 cd	(20%):	7 cd
(25%):	9 cd	(30%):	11 cd
(40%):	14 cd	(50%):	18 cd
(60%):	21 cd	(70%):	25 cd
(80%):	28 cd	(90%):	32 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%): 1.4 lx

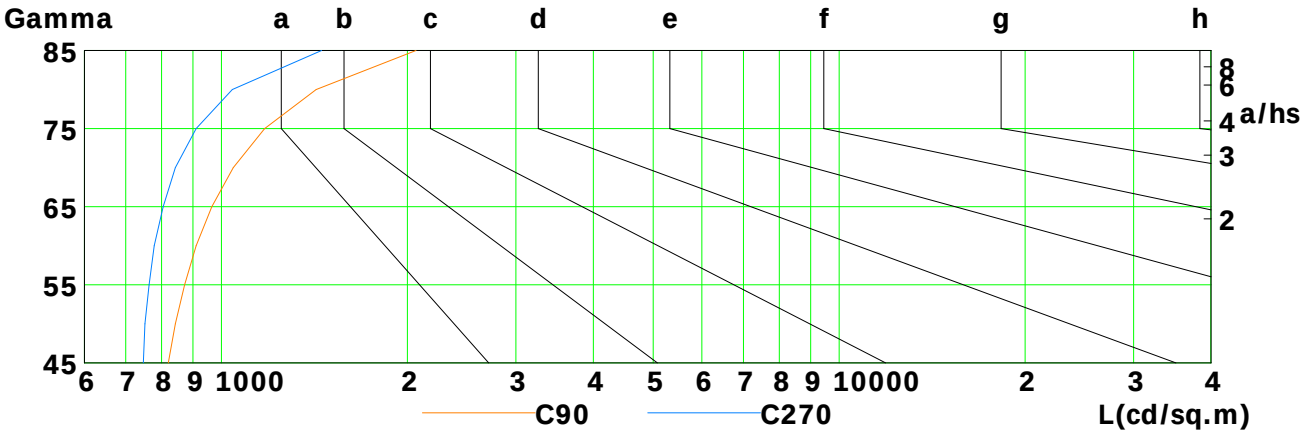
(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.4 lx
(40%): 0.6 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 1.0 lx
(80%): 1.1 lx	(90%): 1.3 lx

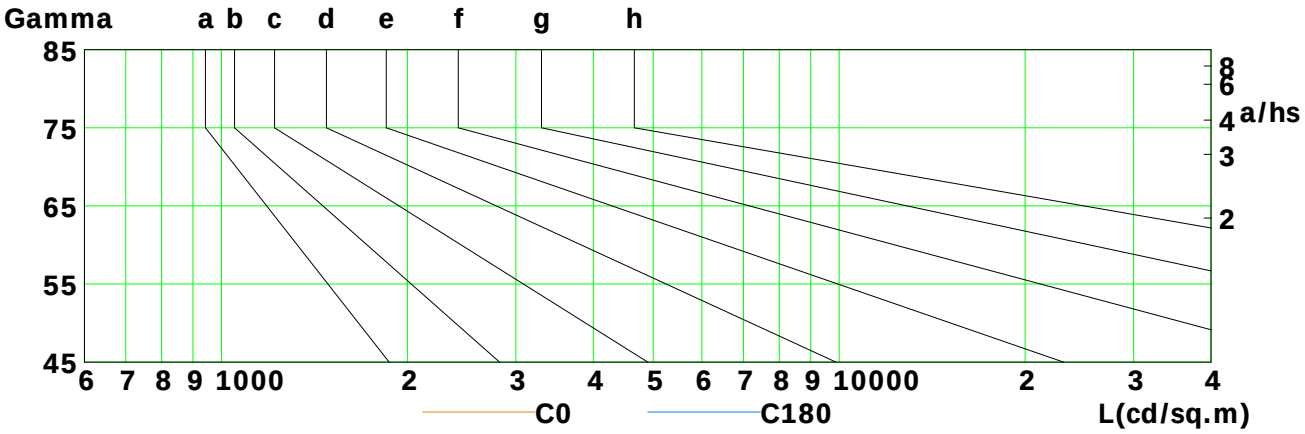
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



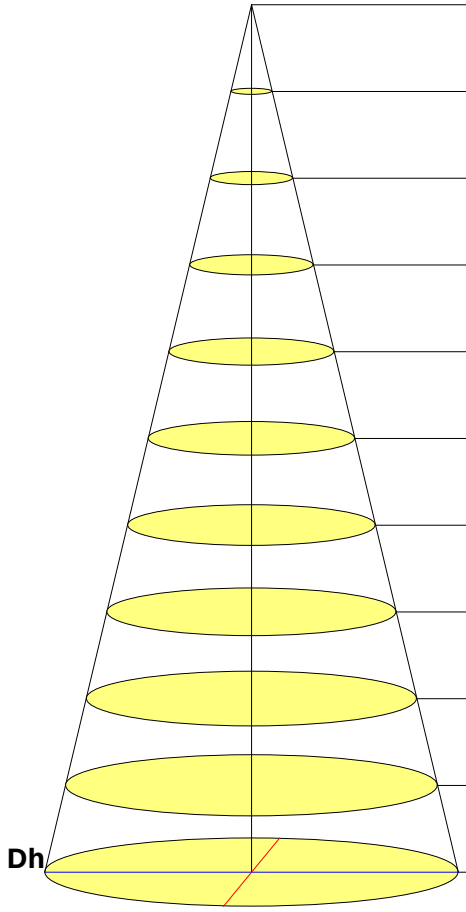


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	395	359	323	285	246	203	160	111	56
C90	821	843	872	910	966	1045	1175	1424	2065
C180	366	329	292	254	215	173	129	78	25
C270	748	753	764	778	805	842	911	1041	1454

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



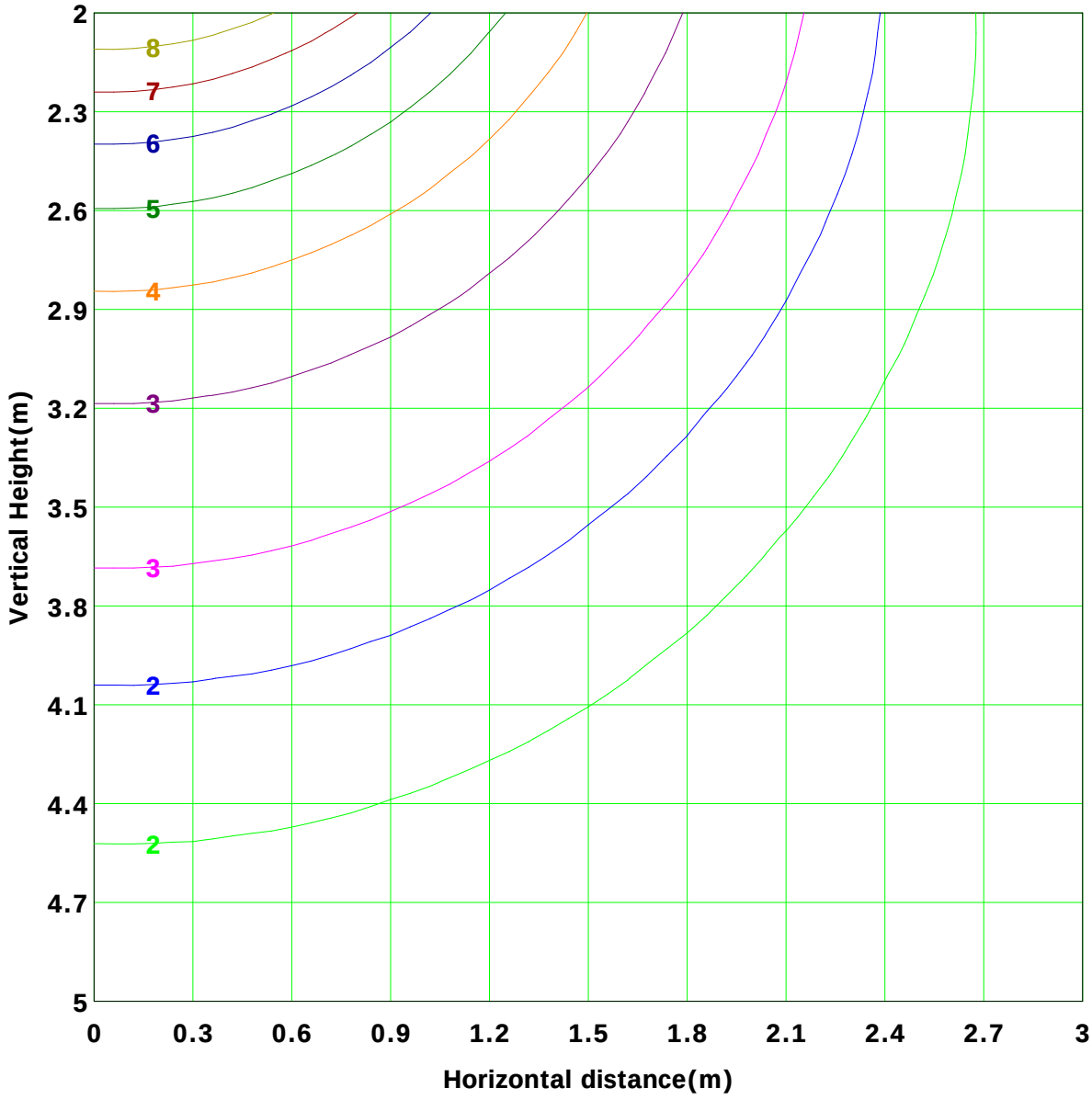
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	34.59	2.90/4.94	13.6	3.55
2.0	8.65	5.79/9.89	54.5	0.89
3.0	3.84	8.69/14.83	122.7	0.39
4.0	2.16	11.59/19.78	218.0	0.22
5.0	1.38	14.49/24.72	340.7	0.14
6.0	0.96	17.38/29.66	490.6	0.10
7.0	0.71	20.28/34.61	667.8	0.07
8.0	0.54	23.18/39.55	872.2	0.06
9.0	0.43	26.08/44.50	1103.9	0.04
10.0	0.35	28.97/49.44	1362.8	0.04

Beam Angle(B): H110.8 V135.9 Field Angle(F): H162.5 V291.0

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

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

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 8.7 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%):	6.1 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: 9.028 m
Humidity: 60%
Inspector:

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Area Flux Table

Unit: lm

Horizontal plane (columns) / Vertical plane (rows)

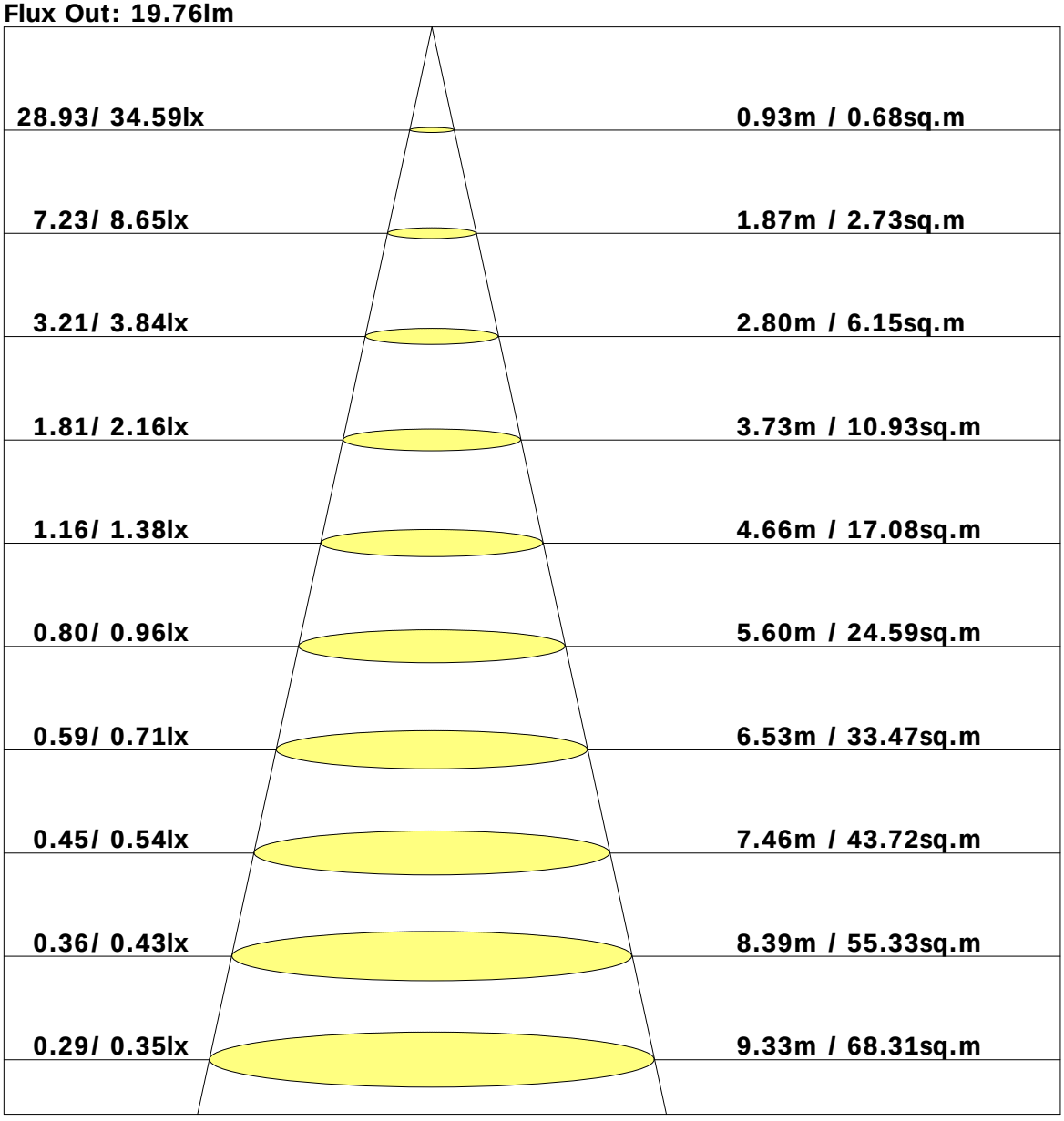
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90 Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.1	2.0
-80	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	3.2	3.1
-70	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	4.4	4.4
-60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.7	5.7
-50	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	6.8	6.8
-40	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0	7.8	7.8
-30	0.0	0.0	0.1	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0	8.5	8.5
-20	0.0	0.1	0.1	0.3	0.5	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1	0.0	9.0	9.0
-10	0.0	0.1	0.1	0.3	0.5	0.7	0.8	1.0	1.0	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.1	9.1
0	0.0	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.0	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	9.2	9.2
10	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1	0.0	9.2	9.2
20	0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1	0.0	8.9	8.9
30	0.0	0.1	0.1	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0	8.4	8.4
40	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0	7.6	7.6
50	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	6.6	6.6
60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	5.5	5.5
70	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.0	0.0	4.2	4.2
80	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	2.9	2.9
90 Flux(T)	0.1	0.7	2.0	4.0	6.3	8.7	11.0	12.6	13.6	13.6	12.7	11.1	9.0	6.6	4.2	2.2	0.8	0.1	119	
Flux(E)	0.0	0.6	2.0	4.0	6.3	8.7	11.0	12.6	13.6	13.6	12.7	11.1	9.0	6.6	4.2	2.2	0.7	0.0		119

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

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

The Average Illuminance Effective Figure

Flux Out: 19.76lm



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

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	15.3	16.7	15.8	17.2	17.9	15.4	16.8	16.0	17.4	18.1
3H	17.2	18.5	17.8	19.1	19.8	17.5	18.8	18.1	19.4	20.1
4H	17.9	19.1	18.5	19.8	20.5	18.5	19.7	19.1	20.3	21.0
6H	18.5	19.6	19.1	20.3	21.0	19.3	20.4	19.9	21.0	21.8
8H	18.7	19.8	19.4	20.4	21.2	19.6	20.7	20.3	21.4	22.1
12H	18.9	19.9	19.5	20.5	21.3	20.0	21.0	20.6	21.6	22.4
X=4H Y=2H	15.8	17.0	16.5	17.7	18.4	16.1	17.3	16.7	17.9	18.6
3H	18.0	19.0	18.6	19.7	20.4	18.4	19.5	19.1	20.1	20.8
4H	18.9	19.8	19.5	20.5	21.2	19.5	20.4	20.1	21.1	21.9
6H	19.6	20.4	20.2	21.1	21.8	20.5	21.3	21.1	22.0	22.8
8H	19.8	20.6	20.5	21.3	22.1	20.9	21.7	21.6	22.4	23.2
12H	20.0	20.7	20.7	21.4	22.2	21.3	22.0	22.0	22.7	23.5
X=8H Y=4H	19.2	20.0	19.9	20.7	21.5	19.9	20.6	20.5	21.3	22.1
6H	20.1	20.7	20.8	21.4	22.2	21.0	21.7	21.7	22.4	23.2
8H	20.4	21.0	21.1	21.7	22.5	21.6	22.2	22.3	22.9	23.7
12H	20.7	21.2	21.4	21.9	22.8	22.2	22.7	22.9	23.4	24.3
X=12H Y=4H	19.3	20.0	20.0	20.7	21.5	19.9	20.6	20.6	21.3	22.1
6H	20.2	20.8	20.9	21.5	22.3	21.1	21.7	21.9	22.4	23.3
8H	20.6	21.1	21.3	21.8	22.7	21.8	22.3	22.5	23.0	23.9

Calculate in accordance with CIE 190:2010

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

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

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)						SHR NOM = 1.50				
Room Reflectance			Room Index(RI)							
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.52	0.60	0.67	0.72	0.80	0.84	0.88	0.93	0.96
	0.30		0.44	0.52	0.60	0.65	0.73	0.78	0.82	0.88	0.92
	0.20		0.39	0.46	0.54	0.59	0.67	0.73	0.78	0.84	0.88
0.50	0.50	0.20	0.49	0.56	0.63	0.68	0.74	0.78	0.82	0.86	0.89
	0.30		0.42	0.50	0.57	0.61	0.69	0.74	0.77	0.82	0.86
	0.20		0.37	0.45	0.51	0.56	0.64	0.69	0.73	0.79	0.83
0.30	0.50	0.20	0.46	0.53	0.59	0.63	0.69	0.73	0.76	0.80	0.82
	0.30		0.41	0.47	0.54	0.58	0.64	0.69	0.72	0.77	0.80
	0.20		0.36	0.43	0.49	0.54	0.61	0.65	0.69	0.74	0.77
0.00	0.00	0.00	0.33	0.38	0.44	0.49	0.55	0.59	0.62	0.66	0.69

Rating:8W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

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

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.98	0.84	0.73	0.64	0.52	0.44	0.38	0.30	0.25
	0.30		0.82	0.72	0.63	0.57	0.47	0.40	0.35	0.28	0.24
	0.20		0.70	0.63	0.56	0.51	0.43	0.37	0.33	0.27	0.23
0.50	0.50	0.20	0.92	0.79	0.67	0.59	0.48	0.43	0.35	0.28	0.23
	0.30		0.78	0.68	0.60	0.53	0.44	0.38	0.33	0.27	0.22
	0.20		0.67	0.60	0.53	0.48	0.41	0.35	0.31	0.25	0.21
0.30	0.50	0.20	0.86	0.73	0.63	0.55	0.45	0.38	0.33	0.26	0.22
	0.30		0.73	0.65	0.56	0.50	0.41	0.35	0.31	0.25	0.21
	0.20		0.64	0.58	0.51	0.46	0.39	0.33	0.29	0.24	0.20
0.00	0.00	0.00	0.52	0.47	0.41	0.36	0.30	0.26	0.23	0.19	0.16

Rating:8W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

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

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.31	0.32	0.33	0.34	0.35	0.35	0.35	0.36	0.36
	0.30		0.24	0.26	0.27	0.28	0.29	0.31	0.31	0.32	0.33
	0.20		0.19	0.21	0.22	0.23	0.25	0.27	0.28	0.29	0.31
0.50	0.50	0.20	0.30	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.35
	0.30		0.24	0.25	0.26	0.27	0.28	0.30	0.30	0.31	0.32
	0.20		0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.28	0.30
0.30	0.50	0.20	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.33
	0.30		0.23	0.25	0.26	0.26	0.28	0.29	0.29	0.30	0.31
	0.20		0.19	0.20	0.21	0.22	0.24	0.25	0.26	0.28	0.29
0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15

Rating:8W 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	34.8	0.0	0.0	0.02	0.02
1.0-2.0	34.8	0.1	0.1	0.07	0.09
2.0-3.0	34.8	0.2	0.3	0.12	0.21
3.0-4.0	34.8	0.2	0.5	0.17	0.38
4.0-5.0	34.7	0.3	0.8	0.21	0.59
5.0-6.0	34.7	0.4	1.2	0.26	0.85
6.0-7.0	34.7	0.4	1.6	0.31	1.16
7.0-8.0	34.6	0.5	2.1	0.35	1.51
8.0-9.0	34.6	0.6	2.7	0.40	1.91
9.0-10.0	34.5	0.6	3.3	0.44	2.35
10.0-11.0	34.4	0.7	4.0	0.49	2.84
11.0-12.0	34.4	0.8	4.7	0.53	3.38
12.0-13.0	34.3	0.8	5.6	0.58	3.96
13.0-14.0	34.2	0.9	6.4	0.62	4.58
14.0-15.0	34.1	0.9	7.4	0.67	5.24
15.0-16.0	33.9	1.0	8.4	0.71	5.95
16.0-17.0	33.8	1.1	9.4	0.75	6.70
17.0-18.0	33.6	1.1	10.5	0.79	7.49
18.0-19.0	33.5	1.2	11.7	0.83	8.32
19.0-20.0	33.3	1.2	12.9	0.87	9.19
20.0-21.0	33.1	1.3	14.2	0.90	10.09
21.0-22.0	32.9	1.3	15.5	0.94	11.03
22.0-23.0	32.7	1.4	16.9	0.98	12.01
23.0-24.0	32.5	1.4	18.3	1.01	13.02
24.0-25.0	32.2	1.5	19.8	1.04	14.06
25.0-26.0	32.0	1.5	21.3	1.07	15.14
26.0-27.0	31.7	1.6	22.8	1.10	16.24
27.0-28.0	31.5	1.6	24.4	1.13	17.38
28.0-29.0	31.2	1.6	26.1	1.16	18.54
29.0-30.0	30.9	1.7	27.7	1.19	19.73
30.0-31.0	30.6	1.7	29.4	1.21	20.94
31.0-32.0	30.3	1.7	31.2	1.24	22.17
32.0-33.0	30.0	1.8	32.9	1.26	23.43
33.0-34.0	29.7	1.8	34.7	1.28	24.71
34.0-35.0	29.4	1.8	36.5	1.30	26.01
35.0-36.0	29.0	1.8	38.4	1.32	27.32

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 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	28.7	1.9	40.3	1.33	28.66
37.0-38.0	28.3	1.9	42.2	1.35	30.00
38.0-39.0	28.0	1.9	44.1	1.36	31.36
39.0-40.0	27.6	1.9	46.0	1.37	32.73
40.0-41.0	27.2	1.9	47.9	1.38	34.11
41.0-42.0	26.8	2.0	49.9	1.39	35.50
42.0-43.0	26.5	2.0	51.8	1.40	36.89
43.0-44.0	26.1	2.0	53.8	1.40	38.29
44.0-45.0	25.7	2.0	55.8	1.40	39.70
45.0-46.0	25.2	2.0	57.8	1.40	41.10
46.0-47.0	24.8	2.0	59.7	1.41	42.51
47.0-48.0	24.4	2.0	61.7	1.40	43.91
48.0-49.0	24.0	2.0	63.7	1.40	45.31
49.0-50.0	23.5	2.0	65.6	1.40	46.71
50.0-51.0	23.1	2.0	67.6	1.39	48.10
51.0-52.0	22.6	1.9	69.5	1.38	49.48
52.0-53.0	22.2	1.9	71.5	1.37	50.85
53.0-54.0	21.7	1.9	73.4	1.36	52.22
54.0-55.0	21.3	1.9	75.3	1.35	53.57
55.0-56.0	20.8	1.9	77.2	1.34	54.90
56.0-57.0	20.3	1.9	79.0	1.32	56.23
57.0-58.0	19.8	1.8	80.8	1.31	57.53
58.0-59.0	19.4	1.8	82.7	1.29	58.82
59.0-60.0	18.9	1.8	84.4	1.27	60.09
60.0-61.0	18.4	1.8	86.2	1.25	61.34
61.0-62.0	17.9	1.7	87.9	1.23	62.57
62.0-63.0	17.4	1.7	89.6	1.21	63.78
63.0-64.0	17.0	1.7	91.3	1.18	64.96
64.0-65.0	16.5	1.6	92.9	1.16	66.12
65.0-66.0	16.0	1.6	94.5	1.13	67.26
66.0-67.0	15.5	1.6	96.1	1.11	68.36
67.0-68.0	15.0	1.5	97.6	1.08	69.44
68.0-69.0	14.5	1.5	99.1	1.05	70.49
69.0-70.0	14.0	1.4	100.5	1.02	71.51
70.0-71.0	13.5	1.4	101.9	0.99	72.50
71.0-72.0	13.0	1.3	103.2	0.96	73.46

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	12.5	1.3	104.5	0.93	74.39
73.0-74.0	11.9	1.3	105.8	0.89	75.28
74.0-75.0	11.4	1.2	107.0	0.86	76.14
75.0-76.0	10.9	1.2	108.2	0.83	76.97
76.0-77.0	10.4	1.1	109.3	0.79	77.76
77.0-78.0	9.9	1.1	110.3	0.75	78.51
78.0-79.0	9.4	1.0	111.3	0.72	79.23
79.0-80.0	8.9	1.0	112.3	0.68	79.91
80.0-81.0	8.4	0.9	113.2	0.65	80.56
81.0-82.0	7.9	0.9	114.1	0.61	81.17
82.0-83.0	7.4	0.8	114.9	0.57	81.74
83.0-84.0	7.0	0.8	115.6	0.54	82.28
84.0-85.0	6.5	0.7	116.3	0.51	82.79
85.0-86.0	6.1	0.7	117.0	0.48	83.26
86.0-87.0	5.8	0.6	117.6	0.45	83.72
87.0-88.0	5.5	0.6	118.2	0.43	84.15
88.0-89.0	5.3	0.6	118.8	0.41	84.56
89.0-90.0	5.1	0.6	119.4	0.40	84.95
90.0-91.0	4.9	0.5	119.9	0.38	85.33
91.0-92.0	4.7	0.5	120.4	0.37	85.70
92.0-93.0	4.7	0.5	120.9	0.36	86.07
93.0-94.0	4.6	0.5	121.4	0.36	86.43
94.0-95.0	4.6	0.5	122.0	0.36	86.79
95.0-96.0	4.6	0.5	122.4	0.35	87.14
96.0-97.0	4.5	0.5	122.9	0.35	87.49
97.0-98.0	4.5	0.5	123.4	0.35	87.84
98.0-99.0	4.5	0.5	123.9	0.35	88.19
99.0-100.0	4.5	0.5	124.4	0.34	88.53
100.0-101.0	4.4	0.5	124.9	0.34	88.87
101.0-102.0	4.4	0.5	125.4	0.34	89.21
102.0-103.0	4.4	0.5	125.8	0.33	89.54
103.0-104.0	4.3	0.5	126.3	0.33	89.87
104.0-105.0	4.3	0.5	126.7	0.33	90.20
105.0-106.0	4.3	0.5	127.2	0.32	90.52
106.0-107.0	4.2	0.4	127.6	0.32	90.84
107.0-108.0	4.2	0.4	128.1	0.31	91.15

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	4.2	0.4	128.5	0.31	91.46
109.0-110.0	4.1	0.4	128.9	0.30	91.76
110.0-111.0	4.1	0.4	129.4	0.30	92.06
111.0-112.0	4.1	0.4	129.8	0.29	92.35
112.0-113.0	4.0	0.4	130.2	0.29	92.64
113.0-114.0	4.0	0.4	130.6	0.28	92.93
114.0-115.0	3.9	0.4	131.0	0.28	93.20
115.0-116.0	3.9	0.4	131.4	0.27	93.48
116.0-117.0	3.8	0.4	131.7	0.27	93.74
117.0-118.0	3.8	0.4	132.1	0.26	94.01
118.0-119.0	3.7	0.4	132.5	0.26	94.26
119.0-120.0	3.7	0.4	132.8	0.25	94.51
120.0-121.0	3.7	0.3	133.2	0.25	94.76
121.0-122.0	3.6	0.3	133.5	0.24	95.00
122.0-123.0	3.5	0.3	133.8	0.23	95.23
123.0-124.0	3.5	0.3	134.1	0.23	95.46
124.0-125.0	3.4	0.3	134.4	0.22	95.68
125.0-126.0	3.4	0.3	134.7	0.21	95.89
126.0-127.0	3.3	0.3	135.0	0.21	96.10
127.0-128.0	3.3	0.3	135.3	0.20	96.30
128.0-129.0	3.2	0.3	135.6	0.20	96.50
129.0-130.0	3.2	0.3	135.9	0.19	96.69
130.0-131.0	3.1	0.3	136.1	0.18	96.87
131.0-132.0	3.0	0.2	136.4	0.18	97.05
132.0-133.0	3.0	0.2	136.6	0.17	97.22
133.0-134.0	2.9	0.2	136.8	0.16	97.38
134.0-135.0	2.8	0.2	137.1	0.16	97.54
135.0-136.0	2.8	0.2	137.3	0.15	97.69
136.0-137.0	2.7	0.2	137.5	0.15	97.84
137.0-138.0	2.7	0.2	137.7	0.14	97.98
138.0-139.0	2.6	0.2	137.9	0.13	98.11
139.0-140.0	2.5	0.2	138.0	0.13	98.24
140.0-141.0	2.5	0.2	138.2	0.12	98.36
141.0-142.0	2.4	0.2	138.4	0.12	98.48
142.0-143.0	2.3	0.2	138.5	0.11	98.59
143.0-144.0	2.3	0.1	138.7	0.11	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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.2	0.1	138.8	0.10	98.80
145.0-146.0	2.2	0.1	139.0	0.10	98.89
146.0-147.0	2.1	0.1	139.1	0.09	98.98
147.0-148.0	2.0	0.1	139.2	0.08	99.07
148.0-149.0	2.0	0.1	139.3	0.08	99.15
149.0-150.0	1.9	0.1	139.4	0.08	99.22
150.0-151.0	1.8	0.1	139.5	0.07	99.30
151.0-152.0	1.8	0.1	139.6	0.07	99.36
152.0-153.0	1.7	0.1	139.7	0.06	99.42
153.0-154.0	1.7	0.1	139.8	0.06	99.48
154.0-155.0	1.6	0.1	139.9	0.05	99.53
155.0-156.0	1.5	0.1	139.9	0.05	99.58
156.0-157.0	1.5	0.1	140.0	0.05	99.63
157.0-158.0	1.4	0.1	140.1	0.04	99.67
158.0-159.0	1.4	0.1	140.1	0.04	99.71
159.0-160.0	1.3	0.1	140.2	0.04	99.75
160.0-161.0	1.2	0.0	140.2	0.03	99.78
161.0-162.0	1.2	0.0	140.2	0.03	99.81
162.0-163.0	1.1	0.0	140.3	0.03	99.83
163.0-164.0	1.1	0.0	140.3	0.02	99.86
164.0-165.0	1.0	0.0	140.3	0.02	99.88
165.0-166.0	1.0	0.0	140.4	0.02	99.90
166.0-167.0	0.9	0.0	140.4	0.02	99.92
167.0-168.0	0.9	0.0	140.4	0.01	99.93
168.0-169.0	0.8	0.0	140.4	0.01	99.94
169.0-170.0	0.8	0.0	140.5	0.01	99.96
170.0-171.0	0.7	0.0	140.5	0.01	99.96
171.0-172.0	0.7	0.0	140.5	0.01	99.97
172.0-173.0	0.7	0.0	140.5	0.01	99.98
173.0-174.0	0.7	0.0	140.5	0.01	99.99
174.0-175.0	0.6	0.0	140.5	0.00	99.99
175.0-176.0	0.6	0.0	140.5	0.00	99.99
176.0-177.0	0.6	0.0	140.5	0.00	100.00
177.0-178.0	0.6	0.0	140.5	0.00	100.00
178.0-179.0	0.6	0.0	140.5	0.00	100.00
179.0-180.0	0.6	0.0	140.5	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: