GENLED Brands
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Tel:+1 212 629 6830
Fax:

Report No.: 20230310 **Test Time: 2023/3/13 10:52**

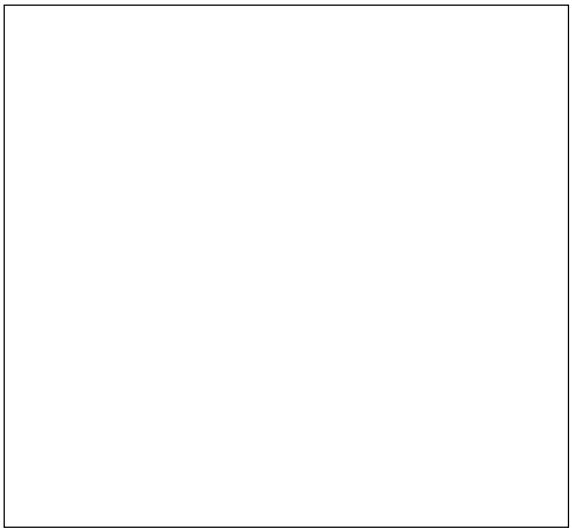
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Acolyte
Luminaire Description: Scroll 35S pendants fixture Static White 0.3A
Luminous Length (mm): 300 **Luminous Width (mm): 35**
Luminous Height (mm): 25 **Voltage: 34.0 V**
Current: 0.300 A **Power: 10.20 W**
Power Factor: 1.000

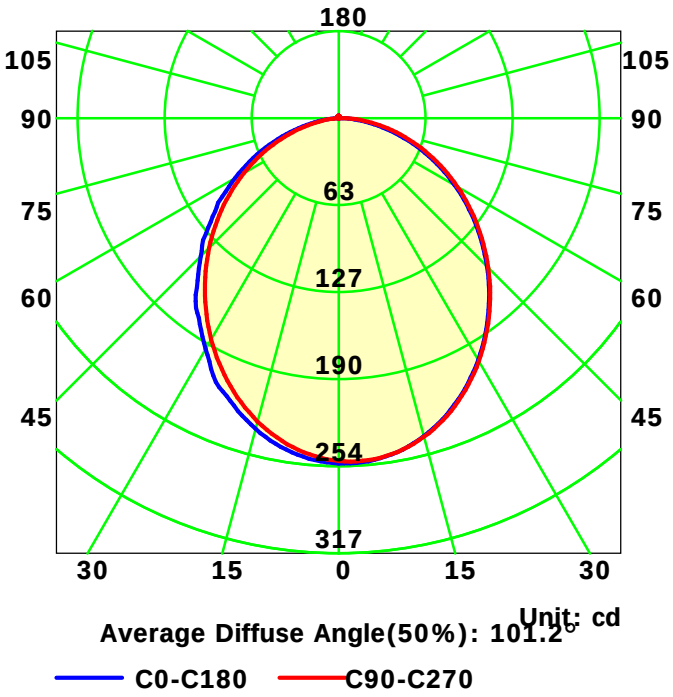
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 641.9 lm**
Measurement Flux: 641.9 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H157.9,H102
Vertical Diffuse Angle(10%,50%): V158.1,V100.5
Luminaire Efficacy Rating (LER): 63 **Central Intensity: 252.21 cd**
Max. Intensity: 252.23 cd **Pos of Max. Intensity: H0 V2**

Picture Of Luminaire

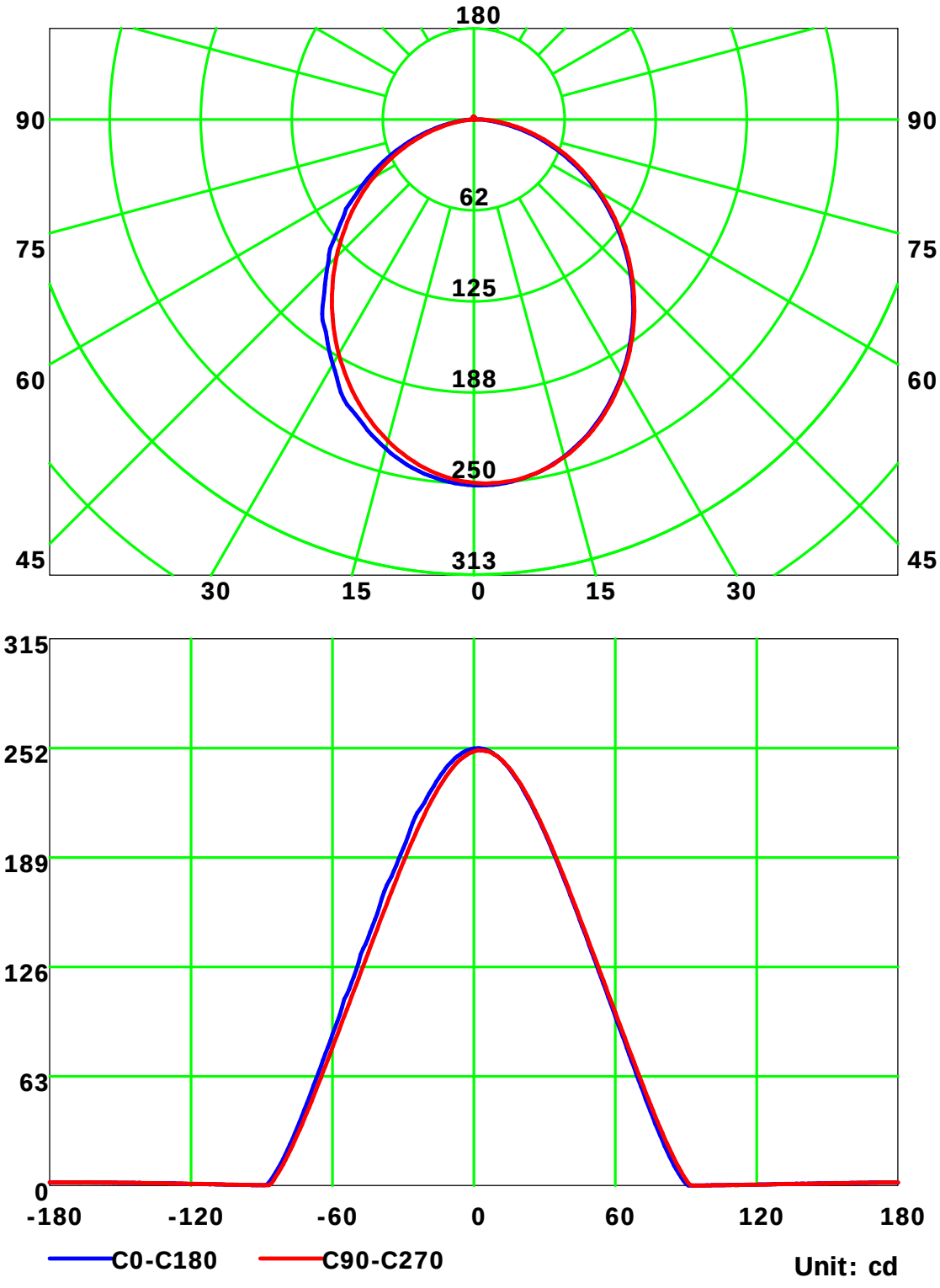


Luminous Intensity Distribution Curve



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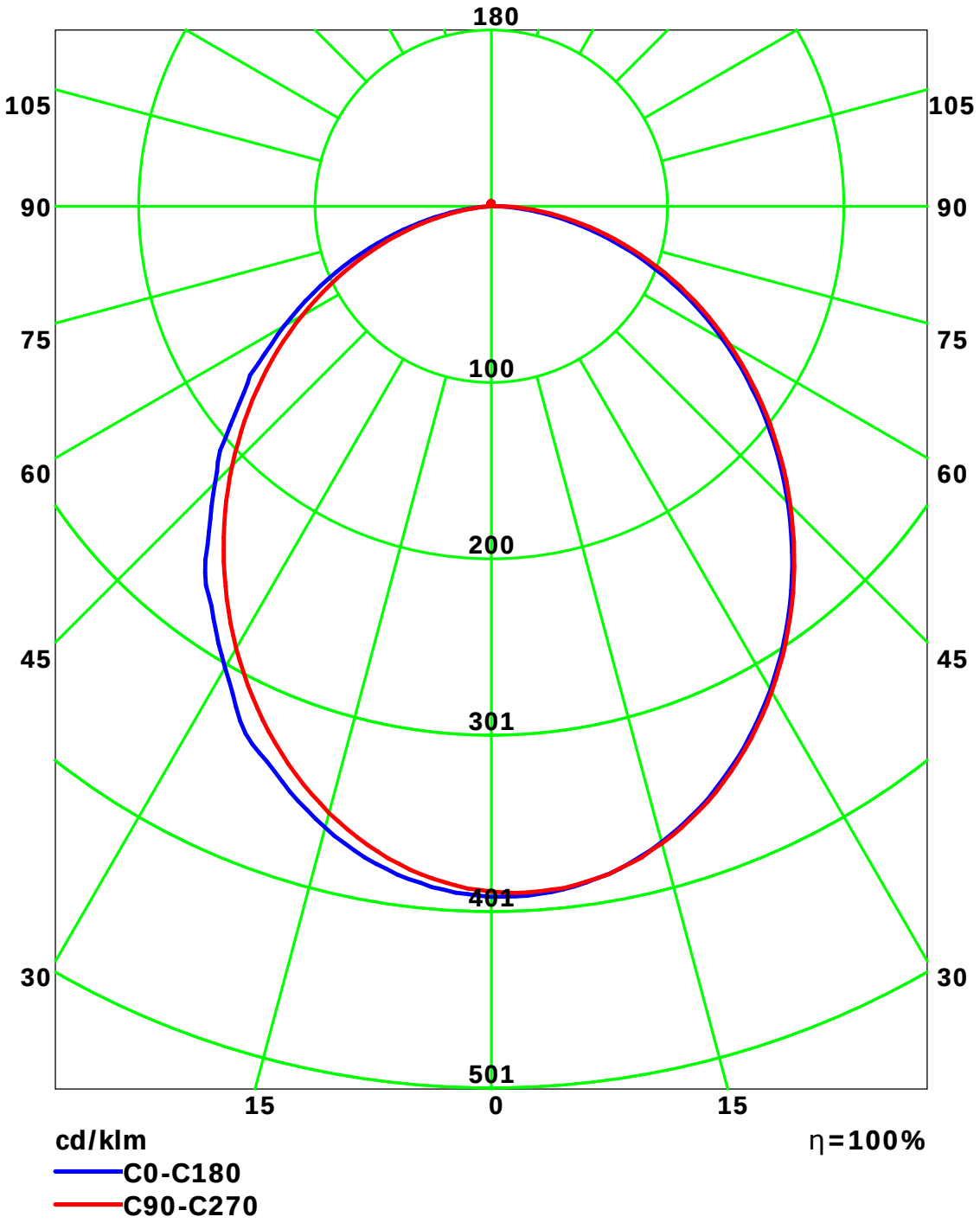
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

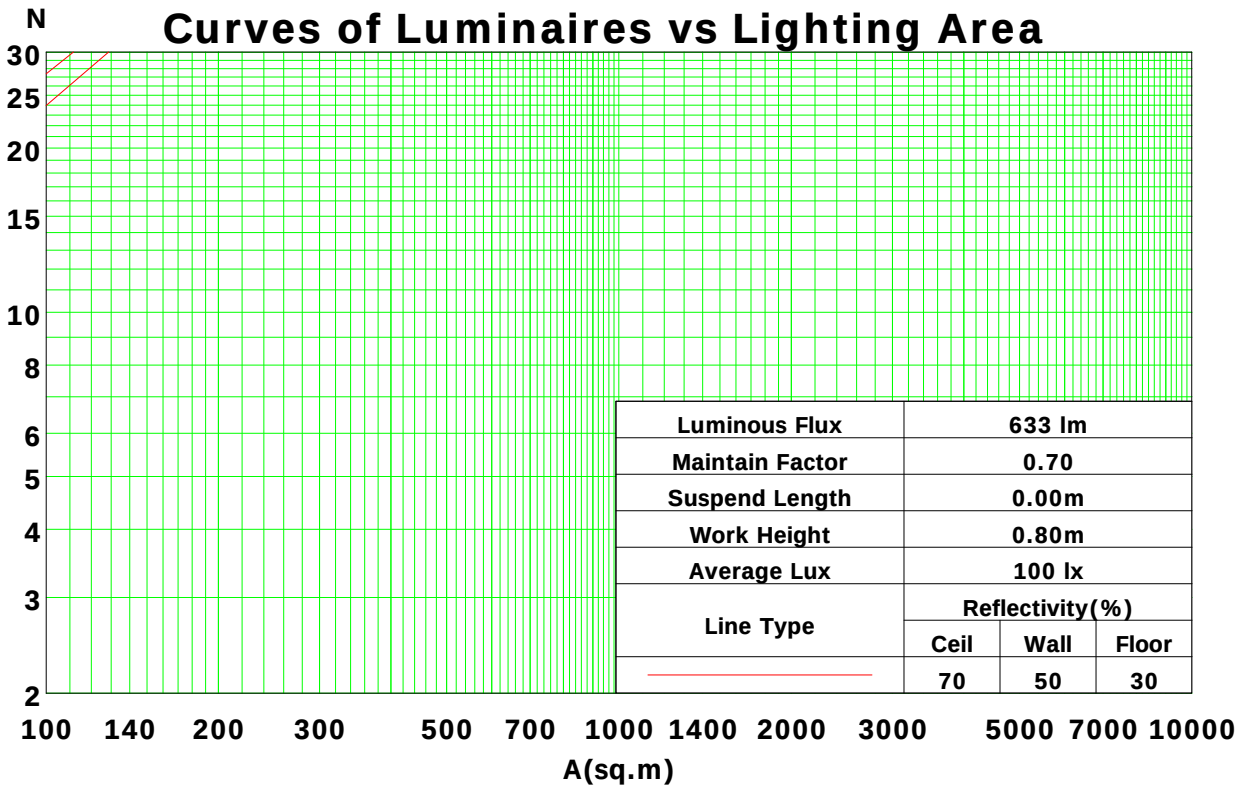
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	95	97	94	91	93	91	88	90	88	86	83
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	65	62	59
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51
5	77	64	55	49	74	63	54	48	61	53	48	58	52	47	57	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	48	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.18
Spacing Criteria (90-270): 1.17
Spacing Criteria (Diagonal): 1.29

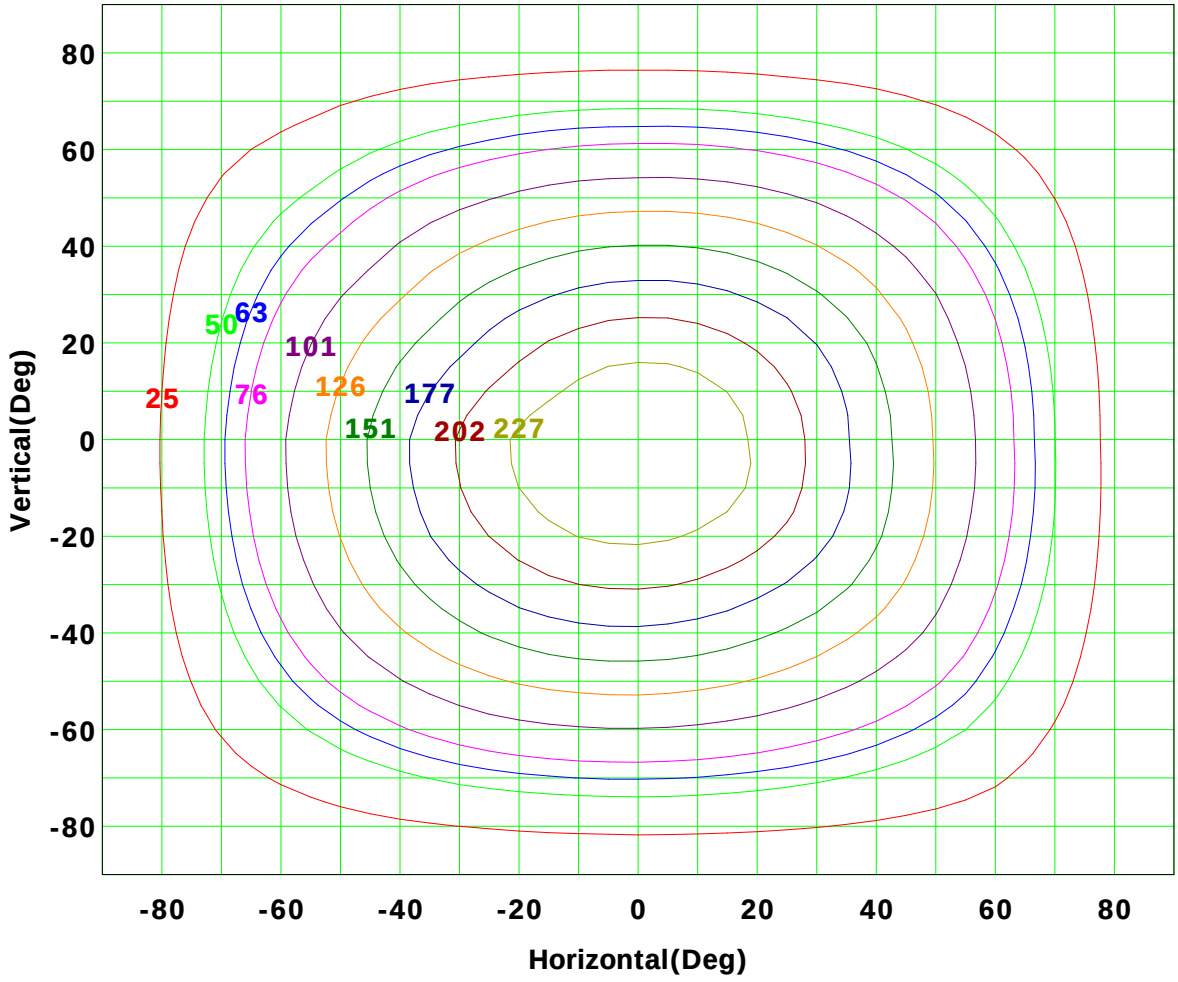
Curves of Luminaires vs Lighting Area



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)



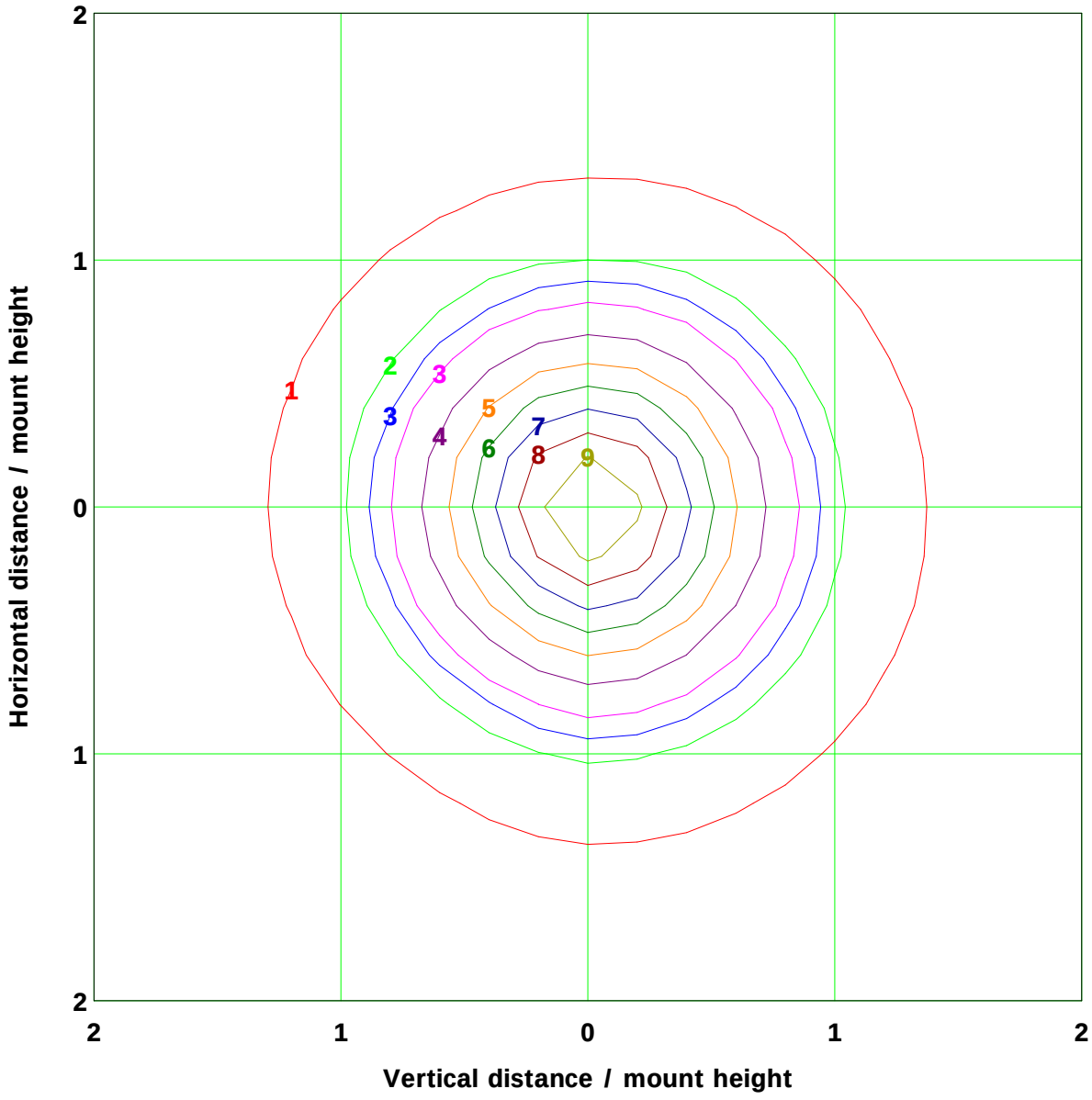
Imax (100%): 252 cd

(10%): 25 cd	(20%): 50 cd
(25%): 63 cd	(30%): 76 cd
(40%): 101 cd	(50%): 126 cd
(60%): 151 cd	(70%): 177 cd
(80%): 202 cd	(90%): 227 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%): 10.1 lx

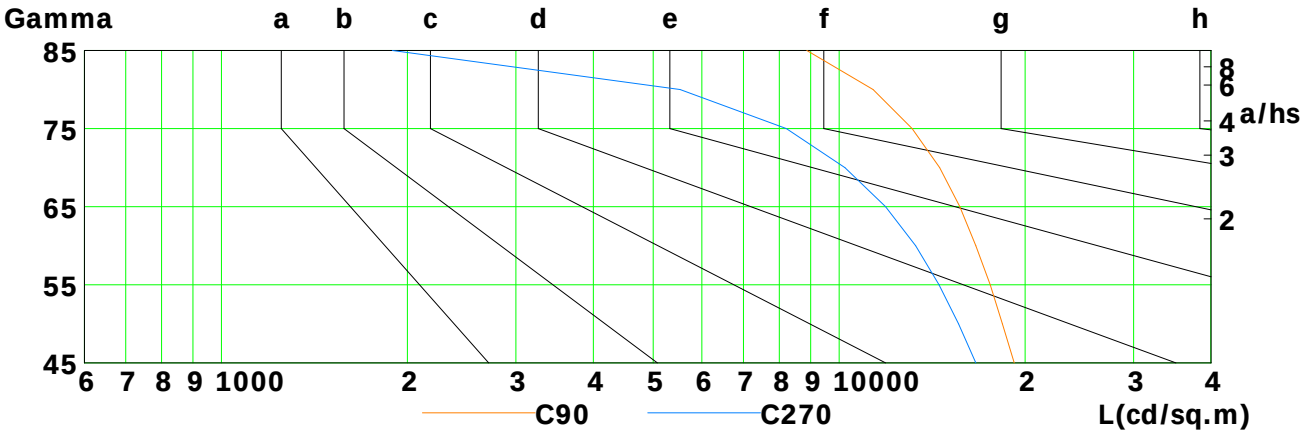
(10%): 1.0 lx	(20%): 2.0 lx
(25%): 2.5 lx	(30%): 3.0 lx
(40%): 4.0 lx	(50%): 5.0 lx
(60%): 6.1 lx	(70%): 7.1 lx
(80%): 8.1 lx	(90%): 9.1 lx

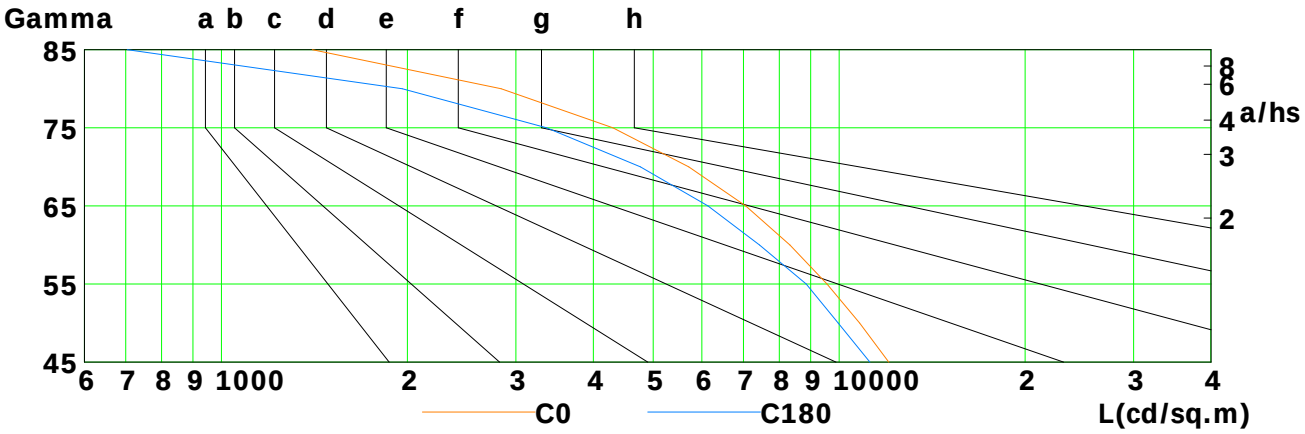
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



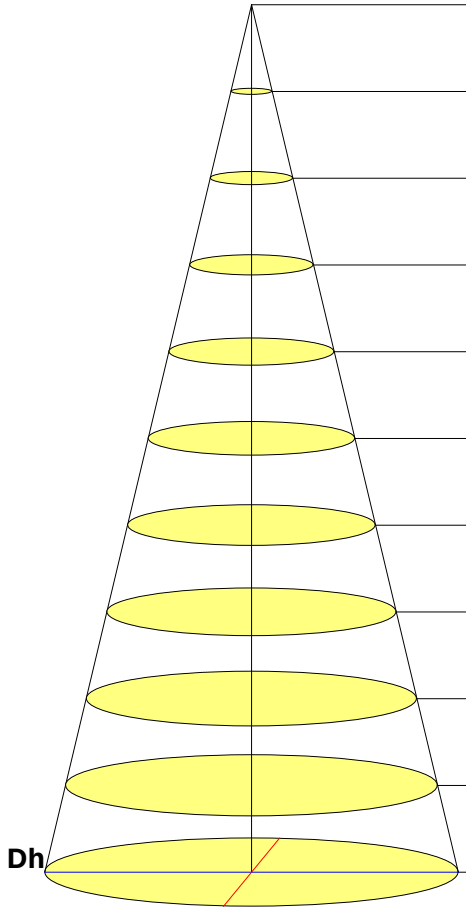


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	12034	10798	9565	8324	7066	5713	4302	2837	1405
C90	19210	18396	17567	16653	15687	14546	13139	11348	8871
C180	11215	9964	8853	7437	6132	4767	3364	1962	705
C270	16654	15611	14519	13308	11894	10228	8213	5531	1892

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



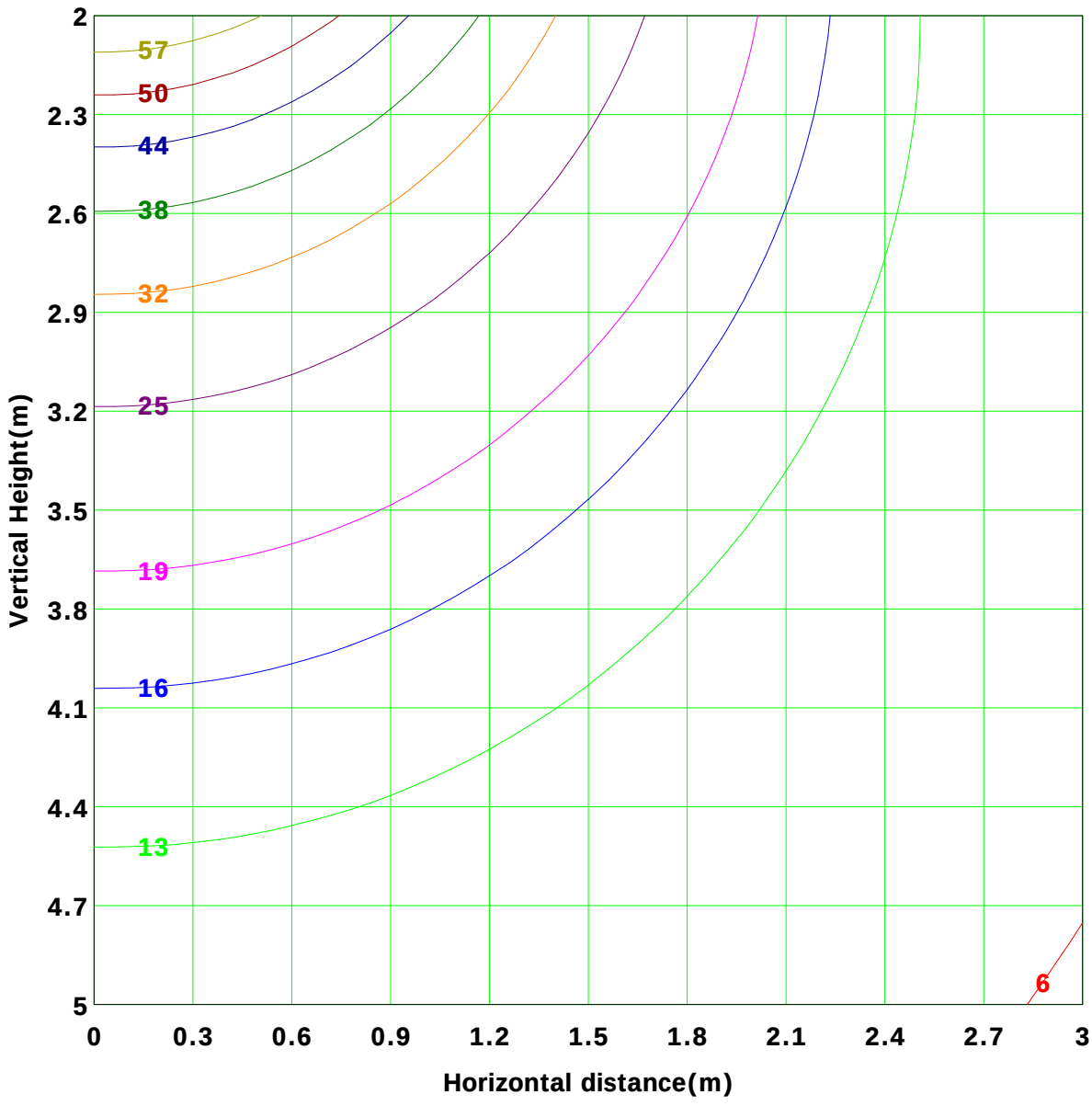
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	252.21	2.47/2.40	4.7	51.12
2.0	63.05	4.94/4.81	18.9	12.78
3.0	28.02	7.41/7.21	42.6	5.68
4.0	15.76	9.88/9.61	75.7	3.19
5.0	10.09	12.35/12.01	118.3	2.04
6.0	7.01	14.82/14.42	170.4	1.42
7.0	5.15	17.30/16.82	232.0	1.04
8.0	3.94	19.77/19.22	303.0	0.80
9.0	3.11	22.24/21.63	383.4	0.63
10.0	2.52	24.71/24.03	473.4	0.51

Beam Angle(B): H102.0 V100.5 Field Angle(F): H157.9 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: 9.028 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 63.1 lx

(10%): 6.3 lx	(20%): 12.6 lx
(25%): 15.8 lx	(30%): 18.9 lx
(40%): 25.2 lx	(50%): 31.5 lx
(60%): 37.8 lx	(70%): 44.1 lx
(80%): 50.4 lx	(90%): 56.7 lx

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

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

Area Flux Table

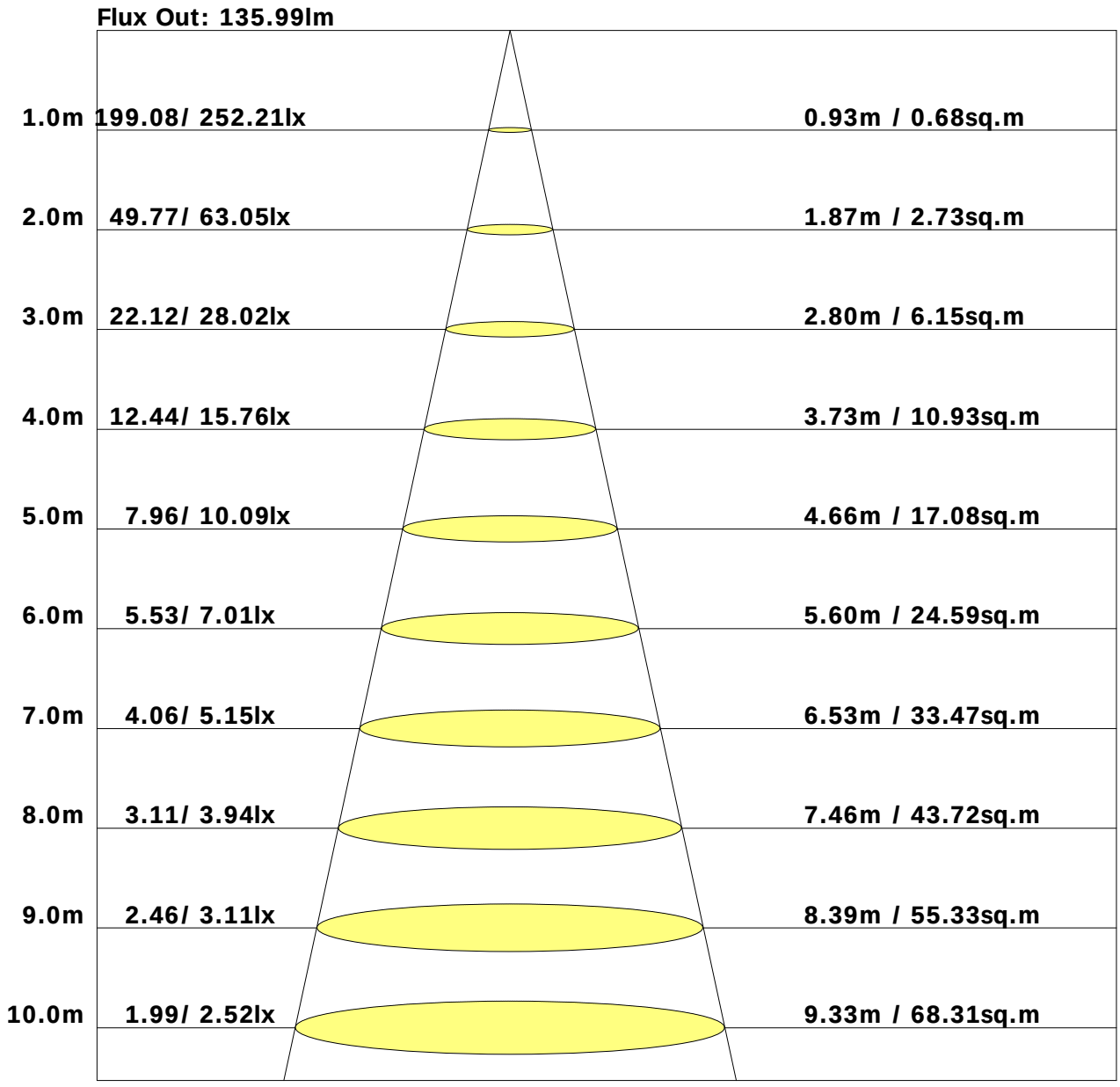
Unit: lm

Horizontal plane	Vertical plane																						
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-50	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
-40	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
-30	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
-20	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
-10	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
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	0.0
10	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
20	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
30	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
40	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
50	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
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)	1.2	7.4	16.0	25.2	34.4	43.3	51.1	57.5	61.7	62.9	60.7	55.8	48.6	40.2	31.0	21.6	12.4	4.3	0.6		
Flux(E)	0.0	4.0	15.1	24.8	34.2	43.1	51.0	57.4	61.6	62.8	60.6	55.6	48.5	40.0	30.8	21.1	11.1				622

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	22.4	23.9	22.7	24.3	24.6	21.5	23.1	21.9	23.4	23.8
3H	24.1	25.5	24.5	25.9	26.2	23.0	24.4	23.4	24.7	25.1
4H	24.7	26.1	25.1	26.4	26.8	23.5	24.8	23.9	25.2	25.6
6H	25.2	26.4	25.6	26.8	27.2	23.8	25.0	24.2	25.4	25.8
8H	25.3	26.5	25.7	26.9	27.3	23.9	25.1	24.3	25.5	25.9
12H	25.4	26.5	25.8	26.9	27.4	23.9	25.1	24.4	25.5	25.9
X=4H Y=2H	22.7	24.1	23.1	24.4	24.8	22.1	23.5	22.5	23.8	24.2
3H	24.6	25.7	25.0	26.1	26.5	23.8	24.9	24.2	25.3	25.7
4H	25.3	26.3	25.7	26.7	27.2	24.4	25.4	24.8	25.8	26.3
6H	25.8	26.7	26.3	27.2	27.6	24.8	25.7	25.3	26.1	26.6
8H	26.0	26.8	26.5	27.3	27.8	24.9	25.8	25.4	26.2	26.7
12H	26.1	26.8	26.6	27.3	27.8	25.0	25.7	25.5	26.2	26.7
X=8H Y=4H	25.4	26.2	25.9	26.7	27.2	24.6	25.5	25.1	25.9	26.4
6H	26.0	26.7	26.5	27.2	27.7	25.1	25.8	25.7	26.4	26.9
8H	26.2	26.8	26.7	27.3	27.8	25.3	25.9	25.9	26.5	27.0
12H	26.3	26.9	26.8	27.4	28.0	25.5	26.0	26.0	26.5	27.1
X=12H Y=4H	25.4	26.1	25.9	26.6	27.1	24.7	25.4	25.2	25.9	26.4
6H	26.0	26.6	26.5	27.1	27.6	25.2	25.8	25.7	26.3	26.9
8H	26.2	26.7	26.7	27.2	27.8	25.4	26.0	25.9	26.5	27.0

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	0.58	0.68	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.51	0.61	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.66	0.73	0.78	0.85	0.89	0.92	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.88	0.93	0.96
	0.20		0.45	0.55	0.62	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86

Rating:10W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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

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

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21
	0.30		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.24	0.20
	0.20		0.69	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.93	0.77	0.65	0.57	0.45	0.41	0.32	0.25	0.20
	0.30		0.79	0.66	0.57	0.51	0.41	0.34	0.30	0.23	0.19
	0.20		0.69	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.90	0.73	0.62	0.54	0.43	0.35	0.30	0.23	0.19
	0.30		0.77	0.65	0.56	0.49	0.40	0.33	0.28	0.22	0.18
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.18
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.13

Rating:10W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

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C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
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:10W 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	250.8	0.2	0.2	0.04	0.04
1.0-2.0	250.6	0.7	1.0	0.11	0.15
2.0-3.0	250.4	1.2	2.2	0.19	0.34
3.0-4.0	249.9	1.7	3.8	0.26	0.60
4.0-5.0	249.4	2.1	6.0	0.33	0.93
5.0-6.0	248.7	2.6	8.6	0.41	1.34
6.0-7.0	247.9	3.1	11.7	0.48	1.82
7.0-8.0	247.0	3.5	15.2	0.55	2.37
8.0-9.0	245.9	4.0	19.2	0.62	2.99
9.0-10.0	244.7	4.4	23.6	0.69	3.68
10.0-11.0	243.4	4.9	28.5	0.76	4.44
11.0-12.0	242.0	5.3	33.8	0.82	5.26
12.0-13.0	240.4	5.7	39.5	0.89	6.15
13.0-14.0	238.7	6.1	45.6	0.95	7.10
14.0-15.0	236.9	6.5	52.1	1.01	8.12
15.0-16.0	235.0	6.9	59.0	1.07	9.19
16.0-17.0	233.0	7.3	66.2	1.13	10.32
17.0-18.0	230.9	7.6	73.9	1.19	11.51
18.0-19.0	228.7	8.0	81.8	1.24	12.75
19.0-20.0	226.4	8.3	90.1	1.29	14.04
20.0-21.0	224.1	8.6	98.7	1.34	15.38
21.0-22.0	221.6	8.9	107.6	1.39	16.77
22.0-23.0	219.1	9.2	116.8	1.43	18.20
23.0-24.0	216.5	9.5	126.3	1.47	19.67
24.0-25.0	213.7	9.7	136.0	1.51	21.19
25.0-26.0	210.8	10.0	145.9	1.55	22.74
26.0-27.0	207.9	10.2	156.1	1.58	24.32
27.0-28.0	204.8	10.4	166.5	1.62	25.94
28.0-29.0	201.8	10.6	177.0	1.64	27.58
29.0-30.0	198.7	10.7	187.8	1.67	29.26
30.0-31.0	195.5	10.9	198.7	1.70	30.95
31.0-32.0	192.4	11.0	209.7	1.72	32.67
32.0-33.0	189.2	11.1	220.8	1.74	34.41
33.0-34.0	186.0	11.3	232.1	1.75	36.16
34.0-35.0	182.7	11.3	243.4	1.77	37.93
35.0-36.0	179.3	11.4	254.9	1.78	39.71

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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	175.9	11.5	266.3	1.79	41.49
37.0-38.0	172.6	11.5	277.9	1.80	43.29
38.0-39.0	169.2	11.5	289.4	1.80	45.09
39.0-40.0	165.7	11.6	301.0	1.80	46.89
40.0-41.0	162.1	11.5	312.5	1.80	48.69
41.0-42.0	158.5	11.5	324.0	1.79	50.48
42.0-43.0	155.1	11.5	335.5	1.79	52.27
43.0-44.0	151.6	11.4	347.0	1.78	54.05
44.0-45.0	148.0	11.4	358.3	1.77	55.83
45.0-46.0	144.3	11.3	369.6	1.76	57.59
46.0-47.0	140.6	11.2	380.8	1.74	59.33
47.0-48.0	137.0	11.1	391.9	1.73	61.05
48.0-49.0	133.4	11.0	402.8	1.71	62.76
49.0-50.0	129.7	10.8	413.6	1.68	64.44
50.0-51.0	126.0	10.7	424.3	1.66	66.11
51.0-52.0	122.4	10.5	434.8	1.64	67.74
52.0-53.0	118.7	10.3	445.1	1.61	69.35
53.0-54.0	115.1	10.1	455.3	1.58	70.93
54.0-55.0	111.5	10.0	465.2	1.55	72.48
55.0-56.0	107.9	9.7	475.0	1.52	74.00
56.0-57.0	104.1	9.5	484.5	1.48	75.48
57.0-58.0	100.4	9.3	493.8	1.45	76.93
58.0-59.0	96.8	9.0	502.8	1.41	78.34
59.0-60.0	93.1	8.8	511.6	1.37	79.71
60.0-61.0	89.4	8.5	520.2	1.33	81.04
61.0-62.0	85.8	8.3	528.4	1.29	82.33
62.0-63.0	82.2	8.0	536.4	1.25	83.58
63.0-64.0	78.5	7.7	544.1	1.20	84.78
64.0-65.0	74.9	7.4	551.6	1.16	85.93
65.0-66.0	71.3	7.1	558.7	1.11	87.04
66.0-67.0	67.7	6.8	565.5	1.06	88.10
67.0-68.0	64.1	6.5	572.0	1.01	89.11
68.0-69.0	60.5	6.2	578.1	0.96	90.07
69.0-70.0	57.0	5.9	584.0	0.91	90.98
70.0-71.0	53.4	5.5	589.5	0.86	91.85
71.0-72.0	50.0	5.2	594.7	0.81	92.66

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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	46.5	4.9	599.6	0.76	93.41
73.0-74.0	43.1	4.5	604.1	0.71	94.12
74.0-75.0	39.8	4.2	608.3	0.65	94.77
75.0-76.0	36.4	3.9	612.2	0.60	95.38
76.0-77.0	33.2	3.5	615.7	0.55	95.93
77.0-78.0	30.0	3.2	618.9	0.50	96.43
78.0-79.0	26.9	2.9	621.8	0.45	96.88
79.0-80.0	23.9	2.6	624.4	0.40	97.28
80.0-81.0	20.9	2.3	626.7	0.35	97.63
81.0-82.0	18.1	2.0	628.6	0.31	97.94
82.0-83.0	15.4	1.7	630.3	0.26	98.20
83.0-84.0	12.9	1.4	631.7	0.22	98.42
84.0-85.0	10.4	1.1	632.8	0.18	98.60
85.0-86.0	8.1	0.9	633.7	0.14	98.73
86.0-87.0	6.0	0.7	634.4	0.10	98.84
87.0-88.0	4.3	0.5	634.9	0.07	98.91
88.0-89.0	3.1	0.3	635.2	0.05	98.96
89.0-90.0	2.1	0.2	635.4	0.04	99.00
90.0-91.0	1.2	0.1	635.5	0.02	99.02
91.0-92.0	0.5	0.1	635.6	0.01	99.03
92.0-93.0	0.3	0.0	635.6	0.01	99.03
93.0-94.0	0.3	0.0	635.7	0.01	99.04
94.0-95.0	0.3	0.0	635.7	0.01	99.04
95.0-96.0	0.4	0.0	635.8	0.01	99.05
96.0-97.0	0.4	0.0	635.8	0.01	99.06
97.0-98.0	0.4	0.0	635.8	0.01	99.06
98.0-99.0	0.4	0.0	635.9	0.01	99.07
99.0-100.0	0.5	0.0	635.9	0.01	99.08
100.0-101.0	0.5	0.1	636.0	0.01	99.09
101.0-102.0	0.5	0.1	636.0	0.01	99.10
102.0-103.0	0.5	0.1	636.1	0.01	99.10
103.0-104.0	0.5	0.1	636.2	0.01	99.11
104.0-105.0	0.6	0.1	636.2	0.01	99.12
105.0-106.0	0.6	0.1	636.3	0.01	99.13
106.0-107.0	0.6	0.1	636.3	0.01	99.14
107.0-108.0	0.6	0.1	636.4	0.01	99.15

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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	0.7	0.1	636.5	0.01	99.16
109.0-110.0	0.7	0.1	636.6	0.01	99.18
110.0-111.0	0.7	0.1	636.6	0.01	99.19
111.0-112.0	0.7	0.1	636.7	0.01	99.20
112.0-113.0	0.8	0.1	636.8	0.01	99.21
113.0-114.0	0.8	0.1	636.9	0.01	99.22
114.0-115.0	0.8	0.1	636.9	0.01	99.24
115.0-116.0	0.8	0.1	637.0	0.01	99.25
116.0-117.0	0.9	0.1	637.1	0.01	99.26
117.0-118.0	0.9	0.1	637.2	0.01	99.28
118.0-119.0	0.9	0.1	637.3	0.01	99.29
119.0-120.0	0.9	0.1	637.4	0.01	99.30
120.0-121.0	1.0	0.1	637.5	0.01	99.32
121.0-122.0	1.0	0.1	637.6	0.01	99.33
122.0-123.0	1.0	0.1	637.7	0.01	99.35
123.0-124.0	1.0	0.1	637.8	0.01	99.36
124.0-125.0	1.1	0.1	637.9	0.02	99.38
125.0-126.0	1.1	0.1	638.0	0.02	99.39
126.0-127.0	1.1	0.1	638.0	0.02	99.41
127.0-128.0	1.1	0.1	638.1	0.02	99.42
128.0-129.0	1.2	0.1	638.2	0.02	99.44
129.0-130.0	1.2	0.1	638.3	0.02	99.45
130.0-131.0	1.2	0.1	638.5	0.02	99.47
131.0-132.0	1.2	0.1	638.6	0.02	99.49
132.0-133.0	1.3	0.1	638.7	0.02	99.50
133.0-134.0	1.3	0.1	638.8	0.02	99.52
134.0-135.0	1.3	0.1	638.9	0.02	99.53
135.0-136.0	1.3	0.1	639.0	0.02	99.55
136.0-137.0	1.4	0.1	639.1	0.02	99.57
137.0-138.0	1.4	0.1	639.2	0.02	99.58
138.0-139.0	1.4	0.1	639.3	0.02	99.60
139.0-140.0	1.4	0.1	639.4	0.02	99.61
140.0-141.0	1.4	0.1	639.5	0.02	99.63
141.0-142.0	1.5	0.1	639.6	0.02	99.64
142.0-143.0	1.5	0.1	639.7	0.02	99.66
143.0-144.0	1.5	0.1	639.8	0.02	99.68

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Gamma Plane (°):0.0-180.0:1.0
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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	1.5	0.1	639.9	0.02	99.69
145.0-146.0	1.5	0.1	640.0	0.01	99.71
146.0-147.0	1.6	0.1	640.1	0.01	99.72
147.0-148.0	1.6	0.1	640.2	0.01	99.74
148.0-149.0	1.6	0.1	640.2	0.01	99.75
149.0-150.0	1.6	0.1	640.3	0.01	99.76
150.0-151.0	1.7	0.1	640.4	0.01	99.78
151.0-152.0	1.7	0.1	640.5	0.01	99.79
152.0-153.0	1.7	0.1	640.6	0.01	99.80
153.0-154.0	1.7	0.1	640.7	0.01	99.82
154.0-155.0	1.7	0.1	640.8	0.01	99.83
155.0-156.0	1.7	0.1	640.8	0.01	99.84
156.0-157.0	1.7	0.1	640.9	0.01	99.85
157.0-158.0	1.8	0.1	641.0	0.01	99.87
158.0-159.0	1.8	0.1	641.1	0.01	99.88
159.0-160.0	1.8	0.1	641.1	0.01	99.89
160.0-161.0	1.8	0.1	641.2	0.01	99.90
161.0-162.0	1.8	0.1	641.3	0.01	99.91
162.0-163.0	1.8	0.1	641.3	0.01	99.92
163.0-164.0	1.9	0.1	641.4	0.01	99.93
164.0-165.0	1.9	0.1	641.4	0.01	99.94
165.0-166.0	1.9	0.1	641.5	0.01	99.94
166.0-167.0	1.9	0.0	641.5	0.01	99.95
167.0-168.0	1.9	0.0	641.6	0.01	99.96
168.0-169.0	1.9	0.0	641.6	0.01	99.96
169.0-170.0	1.9	0.0	641.7	0.01	99.97
170.0-171.0	1.9	0.0	641.7	0.01	99.98
171.0-172.0	2.0	0.0	641.7	0.00	99.98
172.0-173.0	2.0	0.0	641.8	0.00	99.99
173.0-174.0	2.0	0.0	641.8	0.00	99.99
174.0-175.0	2.0	0.0	641.8	0.00	99.99
175.0-176.0	2.0	0.0	641.8	0.00	100.00
176.0-177.0	2.0	0.0	641.8	0.00	100.00
177.0-178.0	2.0	0.0	641.8	0.00	100.00
178.0-179.0	2.0	0.0	641.9	0.00	100.00
179.0-180.0	2.0	0.0	641.9	0.00	100.00

C Plane (°):0.0-360.0: 30.0
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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector: