

Report No.:

Test Time: 2022/11/24 09:57

Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Apex
Lamp Catalog: NLA4.5VW-All on
Luminous Length (mm): 1000
Luminous Height (mm): 17
Current: 0.584 A
Power Factor: 1.000

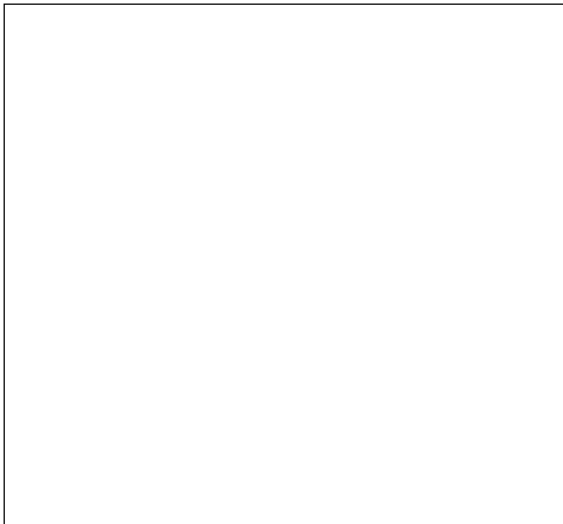
Luminaire Description: Neon Apex VW-All on
Number of Lamps: 1
Luminous Width (mm): 16
Voltage: 24.0 V
Power: 14.02 W

Photometric Results

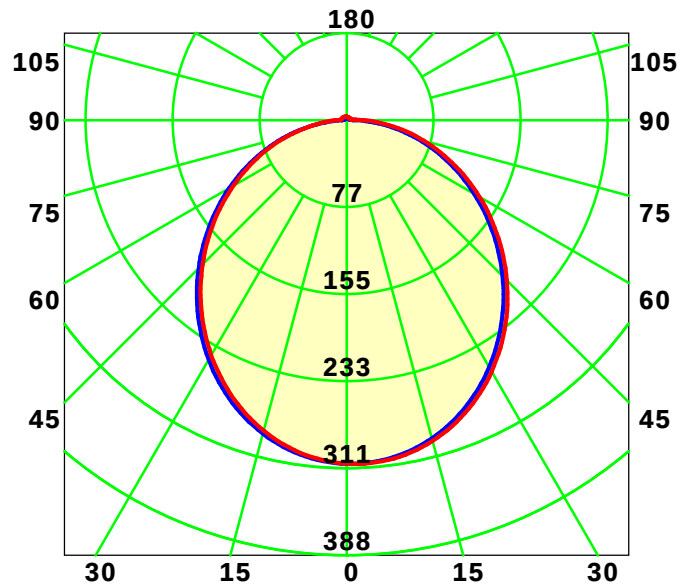
CIE Class: Direct
Measurement Flux: 878.8 lm
Downward Ratio: 97%
Horizontal Diffuse Angle(10%,50%): H164.5,H107.7
Vertical Diffuse Angle(10%,50%): V166.1,V107.9
Luminaire Efficacy Rating (LER): 63
Max. Intensity: 307.39 cd

Total Rated Lamp Lumens: 878.8 lm
Efficiency: 100%
Upward Ratio: 3%
Central Intensity: 307.12 cd
Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve

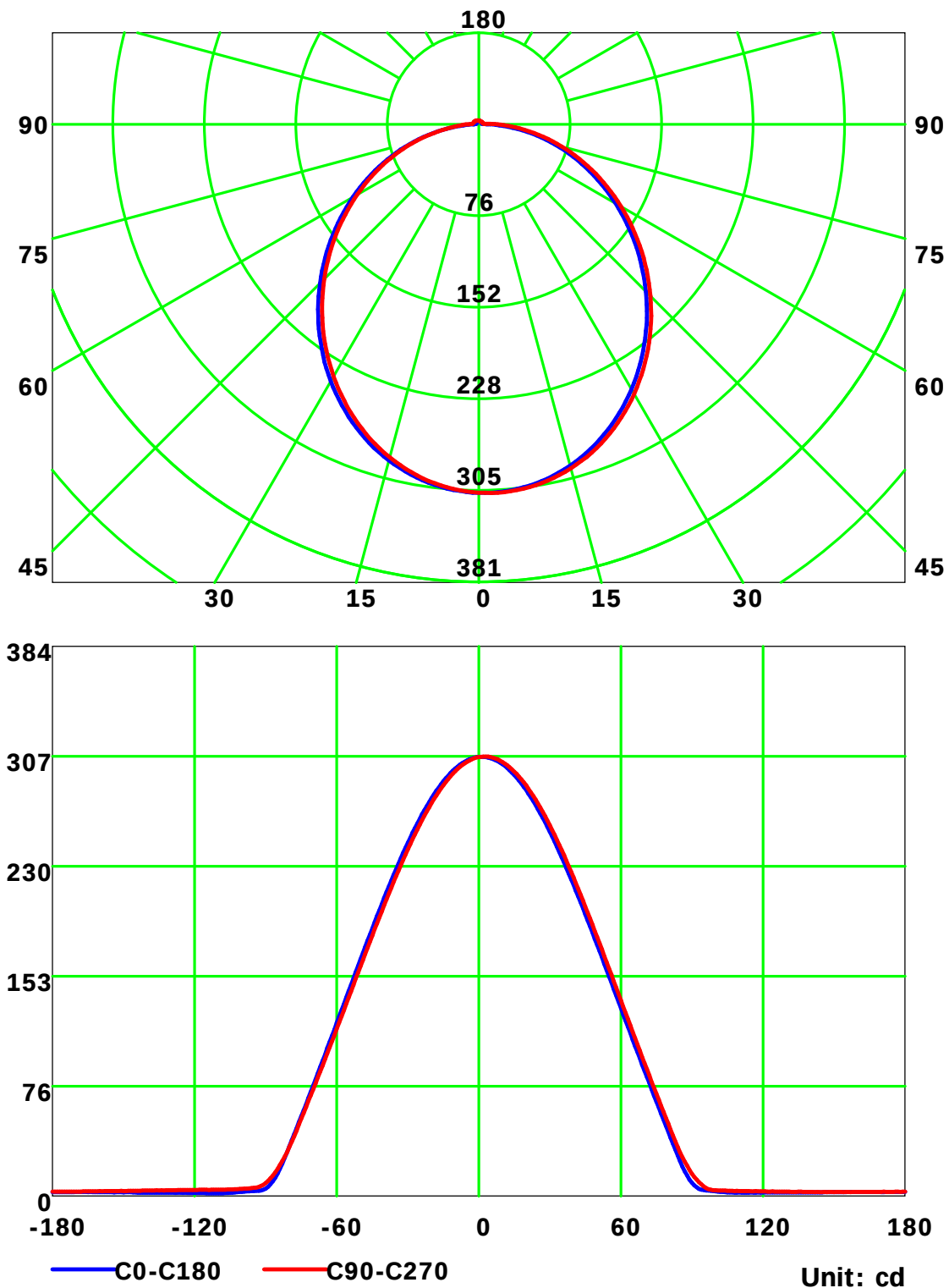


Unit: cd
Average Diffuse Angle(50%): 107.8°
— C0-C180 — C90-C270

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:

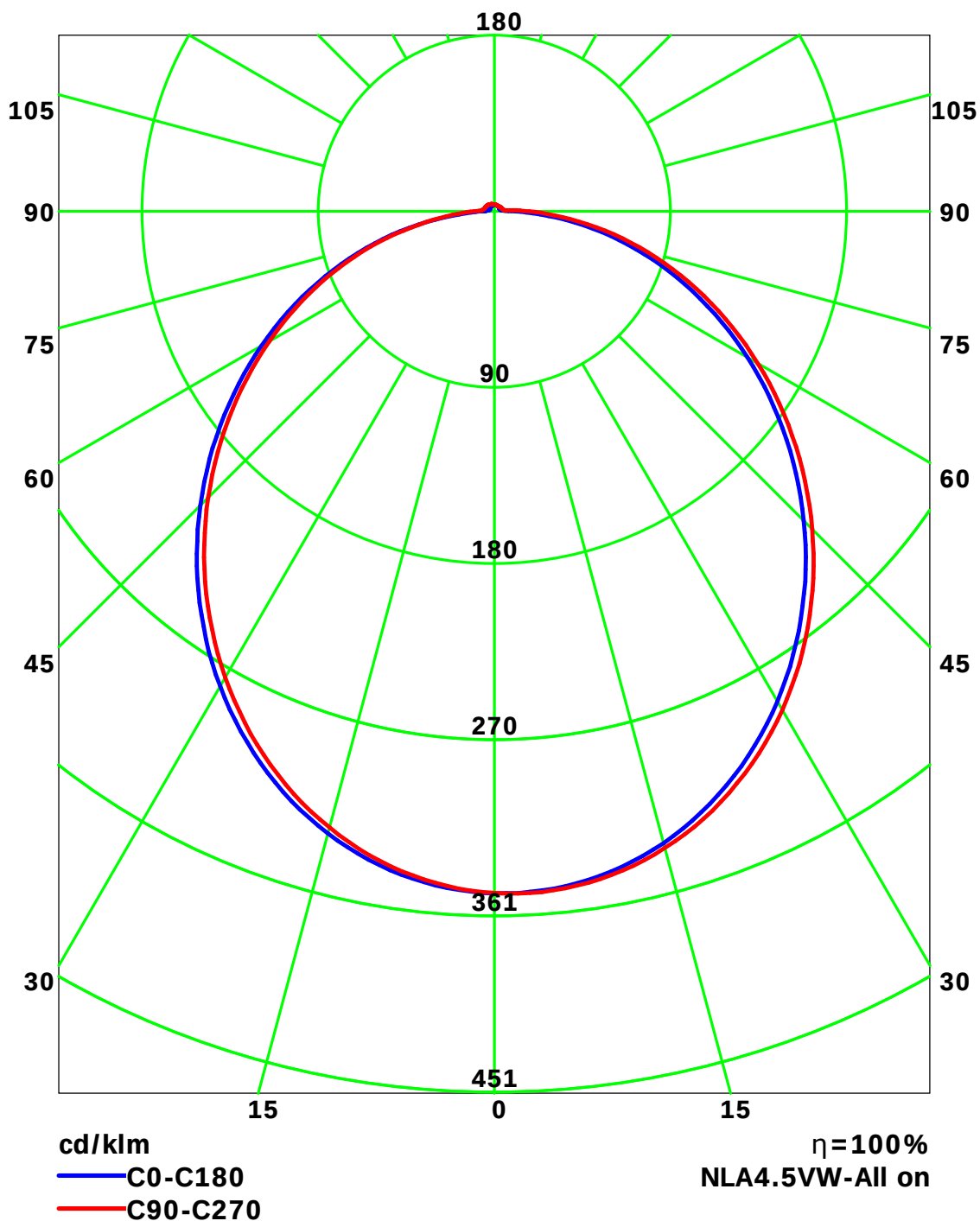
Luminous Intensity Distribution Curve



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:

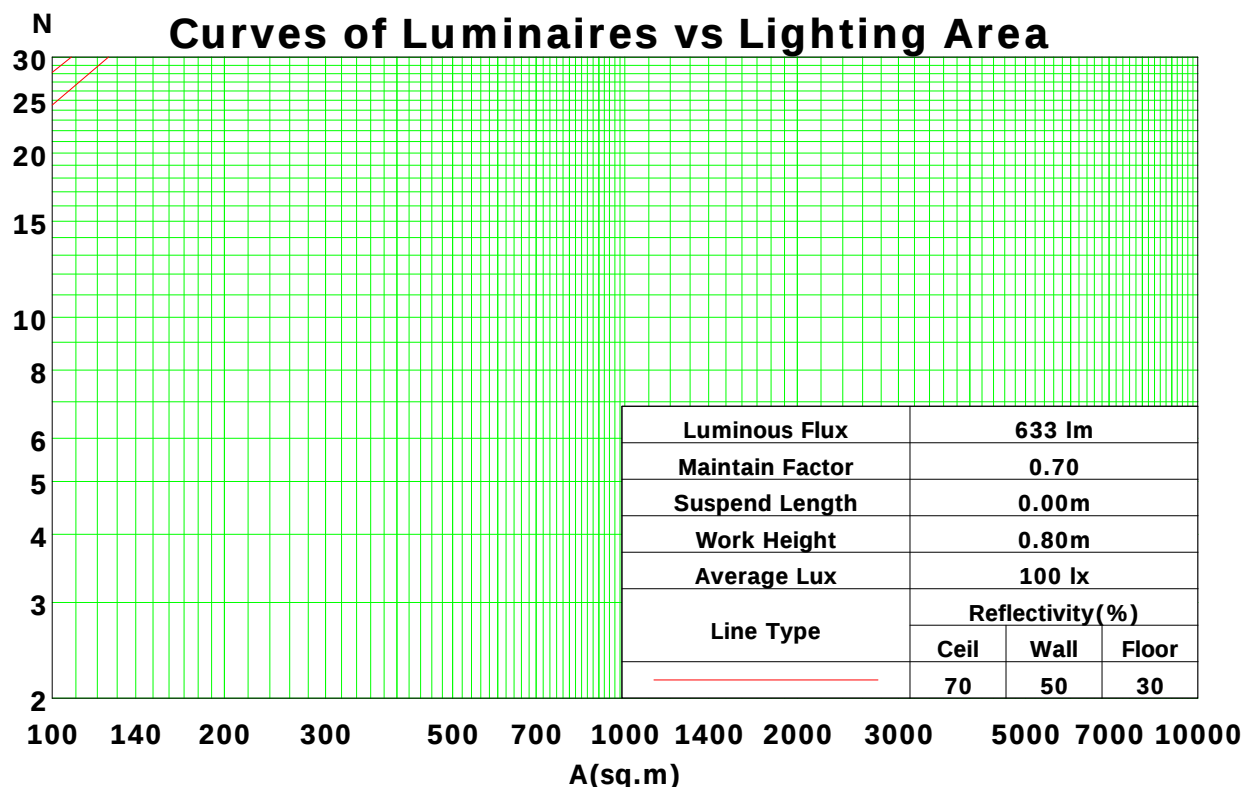
Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	108	103	98	94	105	100	96	92	95	92	89	91	88	86	87	85	83	80
2	98	89	82	76	95	87	81	75	83	78	73	79	75	71	76	72	69	67
3	89	78	70	63	86	77	69	63	73	67	61	70	64	60	67	62	58	56
4	82	69	60	54	79	68	60	53	65	58	52	62	56	51	60	55	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	49	44	54	48	44	41
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	51	42	36	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	42	36	31	41	35	31	29
9	56	42	34	29	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.22

Spacing Criteria (90-270): 1.22

Spacing Criteria (Diagonal): 1.33



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

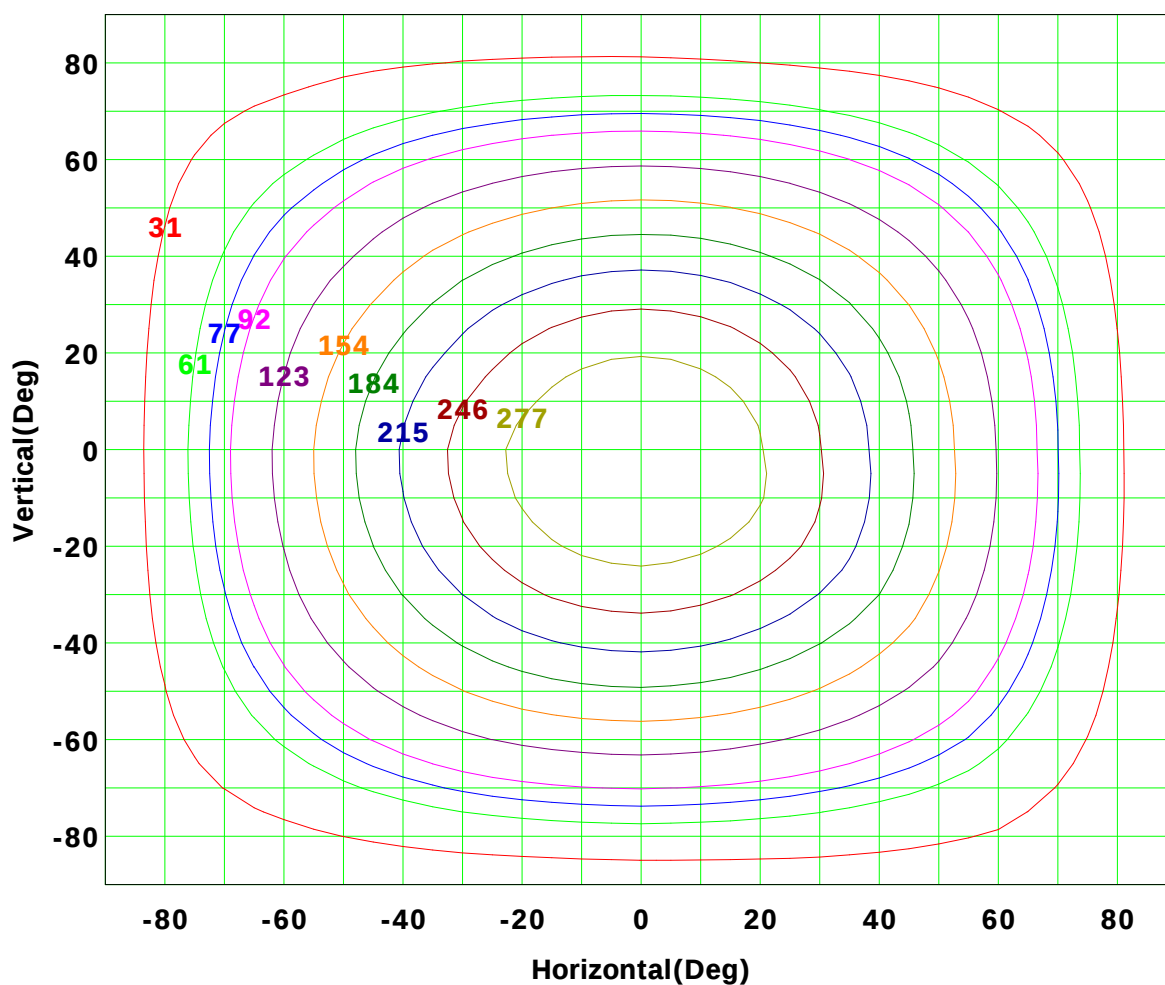
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



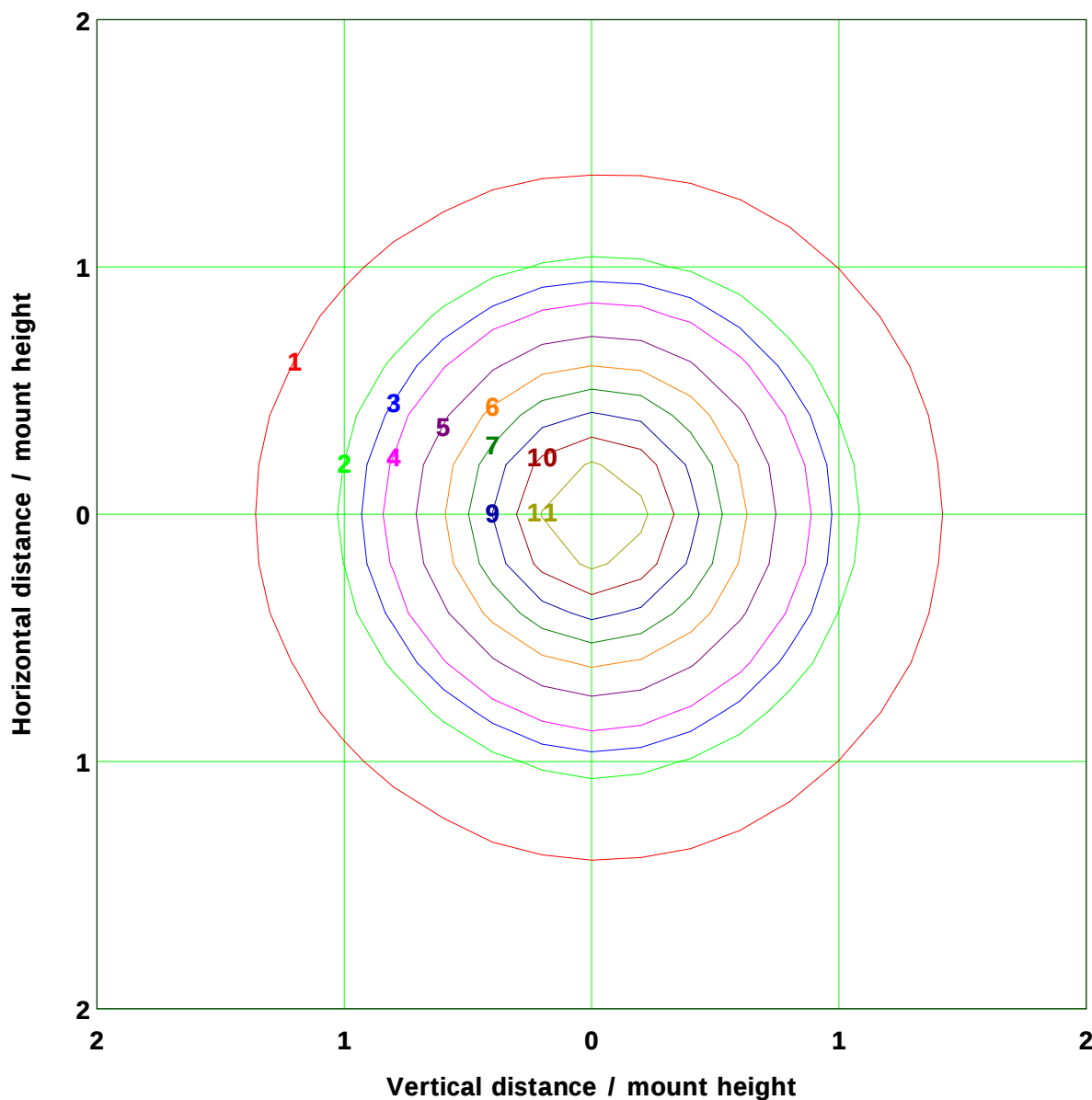
I_{max} (100%): 307 cd

(10%):	31 cd	(20%):	61 cd
(25%):	77 cd	(30%):	92 cd
(40%):	123 cd	(50%):	154 cd
(60%):	184 cd	(70%):	215 cd
(80%):	246 cd	(90%):	277 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%): 12.3 lx	
(10%): 1.2 lx	(20%): 2.5 lx
(25%): 3.1 lx	(30%): 3.7 lx
(40%): 4.9 lx	(50%): 6.1 lx
(60%): 7.4 lx	(70%): 8.6 lx
(80%): 9.8 lx	(90%): 11.1 lx

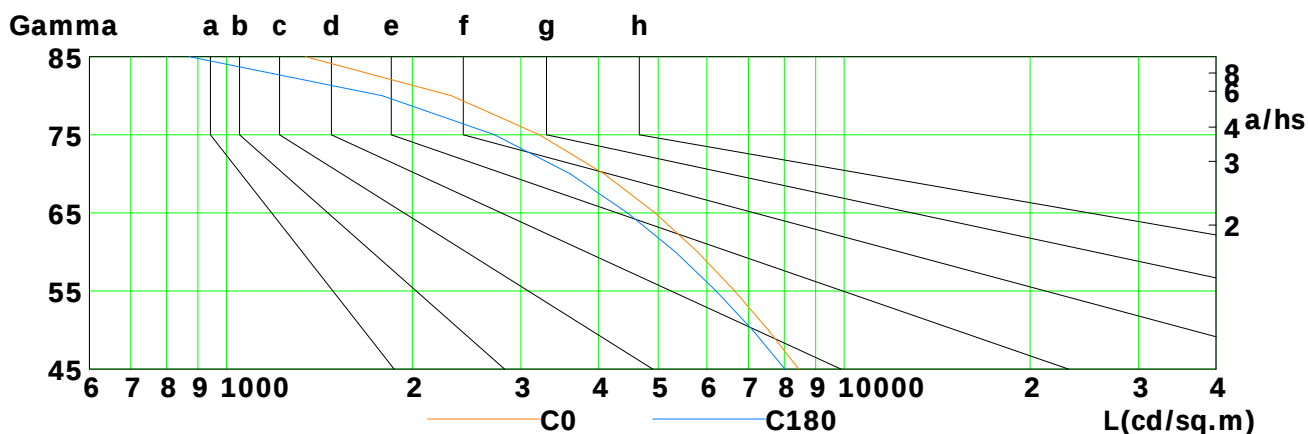
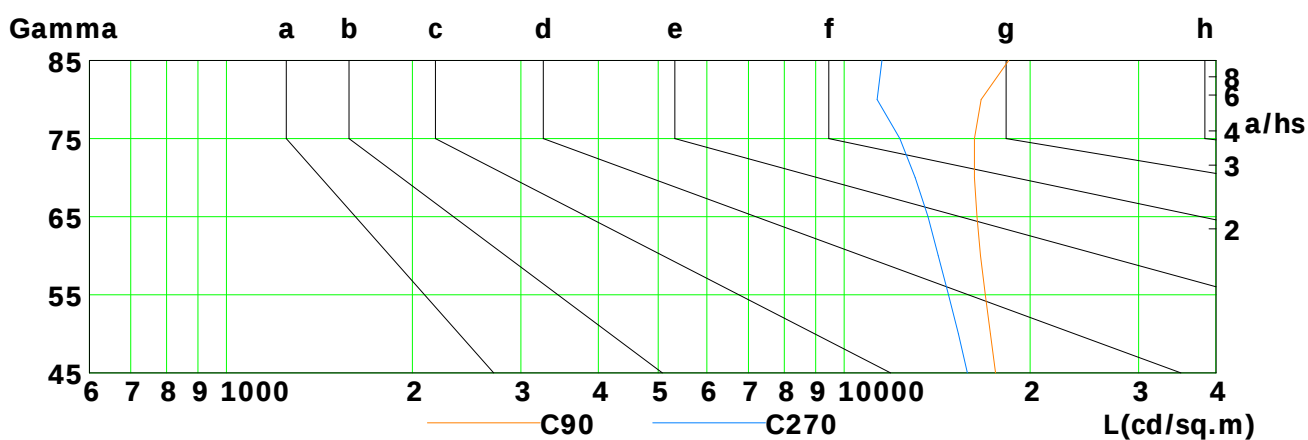
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

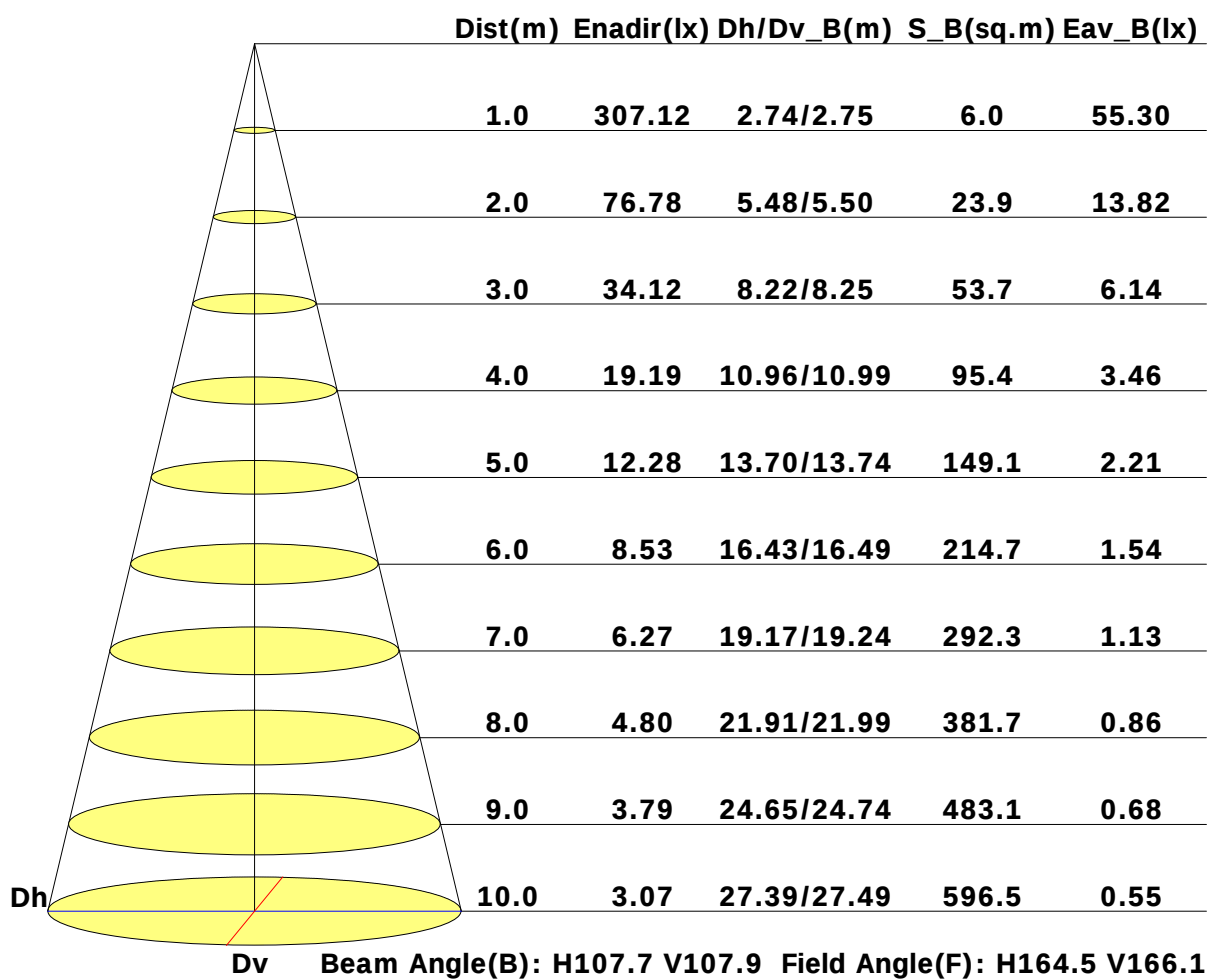


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	8445	7538	6652	5793	4941	4088	3215	2315	1343
C90	17590	17266	16931	16636	16406	16252	16263	16663	18469
C180	8024	7108	6204	5338	4463	3602	2720	1788	871
C270	15846	15318	14770	14207	13669	13043	12310	11309	11516

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:

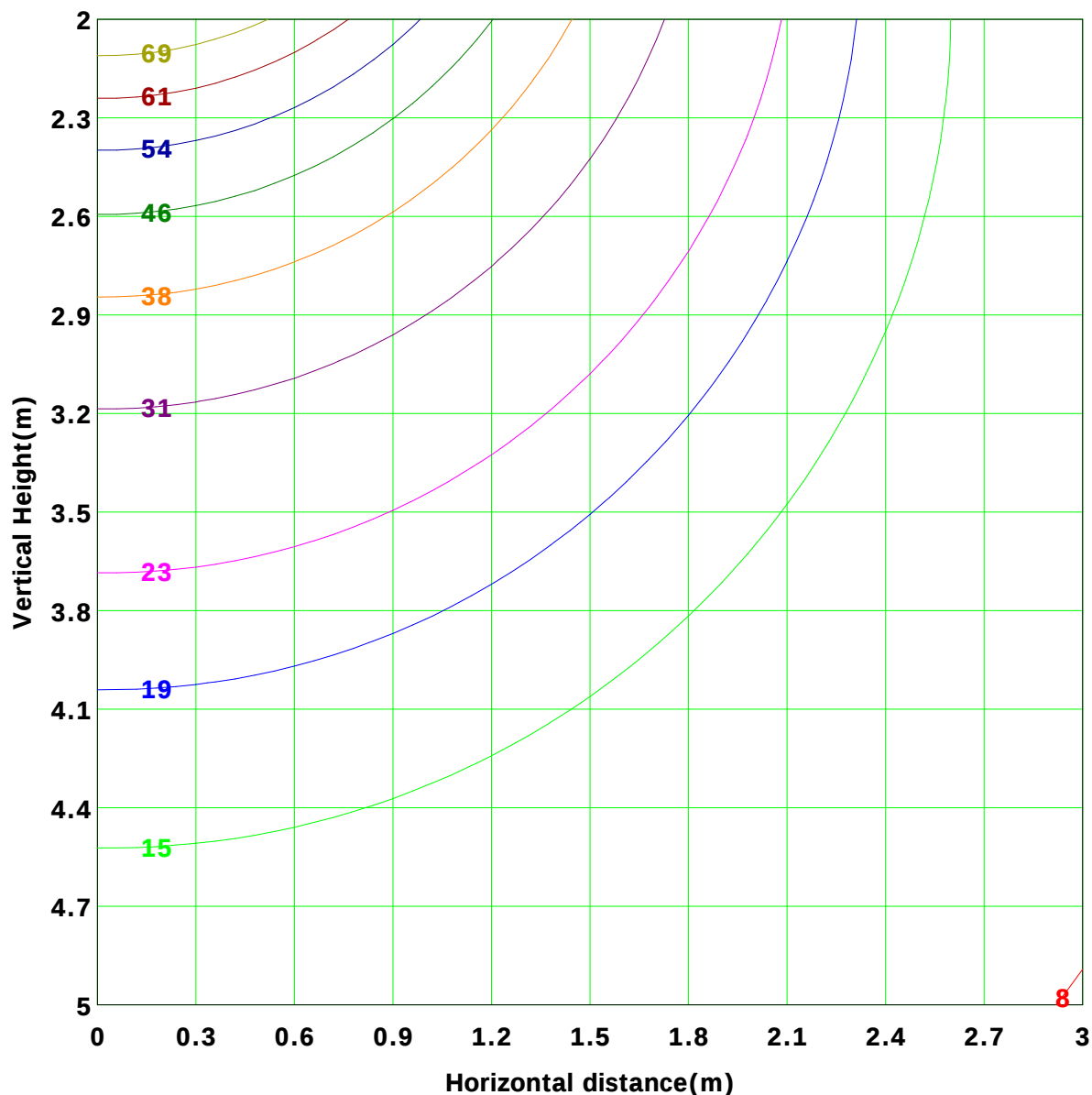
Illuminance at a Distance



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: 76.8 lx
(10%): 7.7 lx	(20%): 15.4 lx	
(25%): 19.2 lx	(30%): 23.0 lx	
(40%): 30.7 lx	(50%): 38.4 lx	
(60%): 46.1 lx	(70%): 53.7 lx	
(80%): 61.4 lx	(90%): 69.1 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:

Area Flux Table

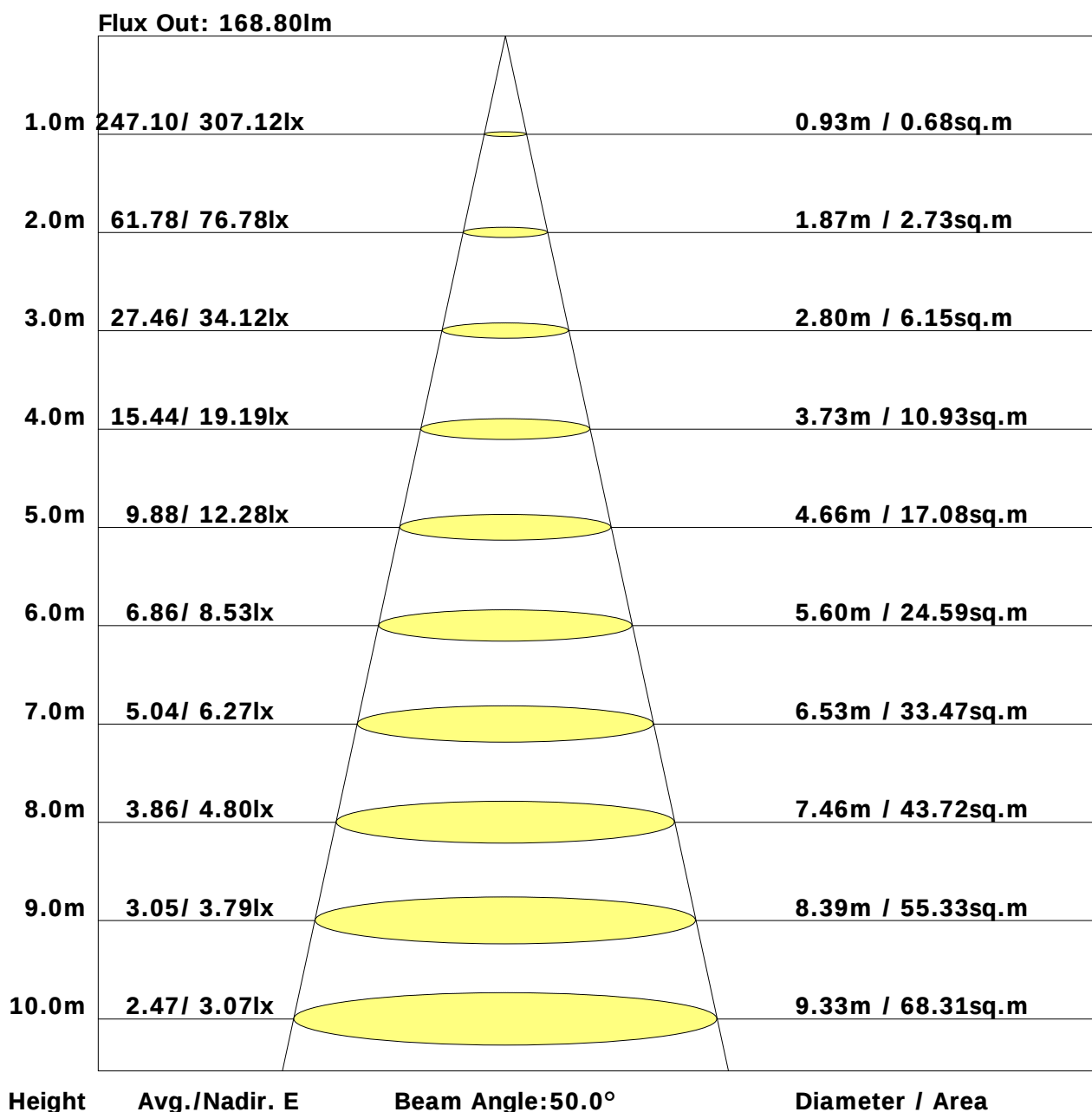
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	5.5	0.4
		0.0	0.1	0.2	0.5	0.7	1.0	1.3	1.5	1.6	1.6	1.5	1.4	1.1	0.8	0.6	0.3	0.2	0.1	0.0	14.6	12.8
-60	0.0	0.2	0.4	0.9	1.4	1.9	2.3	2.7	2.9	2.9	2.7	2.4	1.9	1.4	0.9	0.5	0.2	0.0	25.6	25.1		
-50	0.0	0.2	0.6	1.2	2.0	2.7	3.4	3.9	4.2	4.2	3.9	3.4	2.7	2.0	1.3	0.7	0.3	0.1	0.1	36.9	36.7	
-40	0.0	0.3	0.8	1.6	2.6	3.5	4.4	5.1	5.5	5.5	5.1	4.4	3.5	2.6	1.7	0.9	0.4	0.1	0.1	48.0	47.9	
-30	0.0	0.4	1.0	1.9	3.1	4.3	5.4	6.3	6.7	6.7	6.2	5.4	4.3	3.1	2.0	1.1	0.4	0.1	0.1	58.4	58.3	
-20	0.1	0.4	1.1	2.2	3.5	4.9	6.2	7.2	7.8	7.8	7.2	6.2	4.9	3.6	2.3	1.2	0.5	0.1	0.1	67.3	67.2	
-10	0.1	0.4	1.2	2.4	3.8	5.4	6.8	8.0	8.6	8.6	8.0	6.9	5.5	3.9	2.5	1.3	0.5	0.1	0.1	74.1	74.0	
0	0.1	0.5	1.3	2.5	4.0	5.6	7.2	8.4	9.1	9.1	8.5	7.3	5.8	4.2	2.7	1.4	0.5	0.1	0.1	78.2	78.2	
10	0.1	0.5	1.3	2.5	4.1	5.7	7.3	8.5	9.2	9.2	8.6	7.4	5.9	4.2	2.7	1.4	0.5	0.1	0.1	79.3	79.2	
20	0.1	0.5	1.3	2.5	4.0	5.6	7.1	8.3	8.9	8.9	8.3	7.2	5.7	4.1	2.6	1.4	0.5	0.1	0.1	76.9	76.9	
30	0.1	0.4	1.2	2.3	3.7	5.3	6.6	7.7	8.2	8.2	7.7	6.6	5.3	3.8	2.4	1.3	0.5	0.1	0.1	71.5	71.4	
40	0.1	0.4	1.1	2.1	3.4	4.7	5.8	6.8	7.3	7.3	6.8	5.9	4.7	3.4	2.2	1.2	0.4	0.1	0.1	63.5	63.4	
50	0.0	0.3	1.0	1.8	2.9	3.9	4.9	5.7	6.1	6.1	5.7	5.0	4.0	2.9	1.9	1.0	0.4	0.1	0.1	53.6	53.5	
60	0.0	0.3	0.8	1.5	2.3	3.1	3.9	4.5	4.8	4.8	4.5	3.9	3.2	2.3	1.5	0.8	0.3	0.1	0.1	42.6	42.4	
70	0.0	0.2	0.6	1.1	1.7	2.3	2.8	3.2	3.5	3.5	3.2	2.8	2.3	1.7	1.1	0.6	0.2	0.0	0.0	31.0	30.7	
80	0.0	0.2	0.4	0.7	1.1	1.5	1.8	2.0	2.2	2.2	2.0	1.8	1.4	1.1	0.7	0.4	0.2	0.0	0.0	19.5	18.7	
90	0.0	0.1	0.2	0.4	0.5	0.7	0.8	0.9	1.0	0.9	0.9	0.7	0.6	0.4	0.3	0.2	0.1	0.0	0.0	8.8	4.1	
Flux(T)	0.7	5.3	14.7	28.4	45.0	62.5	78.7	91.2	98.1	98.2	91.5	79.2	63.2	45.9	29.5	15.9	6.2	1.1		855		
Flux(E)	0.1	4.4	13.9	27.7	44.2	61.7	77.9	90.4	97.3	97.4	90.6	78.4	62.4	45.1	28.7	15.1	5.4	0.4			841	
		-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																				

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	20.5	22.1	20.9	22.5	22.9	19.1	20.7	19.5	21.1	21.5
3H	22.5	23.9	22.9	24.3	24.8	20.7	22.1	21.1	22.5	22.9
4H	23.3	24.7	23.8	25.1	25.5	21.2	22.6	21.7	23.0	23.4
6H	24.0	25.3	24.5	25.7	26.1	21.6	22.9	22.1	23.3	23.8
8H	24.3	25.5	24.8	25.9	26.4	21.8	23.0	22.2	23.4	23.9
12H	24.5	25.7	25.0	26.1	26.6	21.9	23.0	22.3	23.4	23.9
X=4H Y=2H	20.9	22.2	21.3	22.6	23.1	19.8	21.1	20.2	21.5	22.0
3H	23.0	24.1	23.4	24.6	25.0	21.5	22.7	22.0	23.1	23.6
4H	23.9	24.9	24.4	25.4	25.9	22.2	23.2	22.7	23.7	24.2
6H	24.7	25.6	25.2	26.1	26.6	22.7	23.6	23.2	24.1	24.6
8H	25.0	25.9	25.5	26.3	26.9	22.9	23.7	23.4	24.2	24.8
12H	25.3	26.0	25.8	26.6	27.1	23.0	23.8	23.5	24.3	24.8
X=8H Y=4H	24.0	24.9	24.5	25.4	25.9	22.5	23.4	23.0	23.9	24.4
6H	24.8	25.6	25.4	26.1	26.6	23.2	23.9	23.7	24.4	24.9
8H	25.2	25.9	25.8	26.4	27.0	23.4	24.0	24.0	24.6	25.1
12H	25.6	26.1	26.1	26.7	27.3	23.6	24.2	24.1	24.7	25.3
X=12H Y=4H	24.0	24.8	24.5	25.3	25.8	22.6	23.4	23.1	23.9	24.4
6H	24.9	25.5	25.4	26.0	26.6	23.2	23.9	23.8	24.4	25.0
8H	25.3	25.8	25.8	26.4	27.0	23.5	24.1	24.1	24.6	25.2

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	0.56	0.66	0.73	0.78	0.85	0.91	0.94	0.99	1.02
	0.30		0.48	0.58	0.65	0.71	0.79	0.85	0.89	0.94	0.98
	0.20		0.42	0.52	0.60	0.65	0.74	0.80	0.84	0.91	0.95
0.50	0.50	0.20	0.54	0.63	0.70	0.75	0.82	0.87	0.90	0.94	0.97
	0.30		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.94
	0.20		0.42	0.51	0.59	0.64	0.72	0.78	0.82	0.87	0.91
0.30	0.50	0.20	0.52	0.61	0.68	0.72	0.79	0.83	0.86	0.90	0.93
	0.30		0.46	0.55	0.62	0.67	0.74	0.79	0.82	0.87	0.90
	0.20		0.41	0.51	0.58	0.63	0.70	0.75	0.79	0.85	0.88
0.00	0.00	0.00	0.39	0.48	0.54	0.59	0.66	0.71	0.75	0.80	0.83
Rating:14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

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	1.00	0.83	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.83	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.71	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.79	0.68	0.59	0.47	0.43	0.34	0.26	0.22	
	0.30		0.81	0.69	0.60	0.53	0.43	0.37	0.32	0.25	0.21	
	0.20		0.70	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.76	0.65	0.57	0.45	0.38	0.32	0.25	0.21	
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
Rating:14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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	0.19	0.20	0.21	0.22	0.23	0.23	0.23	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.23
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.22
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Rating:14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	307.0	0.3	0.3	0.03	0.03
1.0-2.0	306.8	0.9	1.2	0.10	0.13
2.0-3.0	306.6	1.5	2.6	0.17	0.30
3.0-4.0	306.1	2.0	4.7	0.23	0.53
4.0-5.0	305.6	2.6	7.3	0.30	0.83
5.0-6.0	304.9	3.2	10.5	0.36	1.20
6.0-7.0	304.1	3.8	14.3	0.43	1.63
7.0-8.0	303.2	4.3	18.6	0.49	2.12
8.0-9.0	302.2	4.9	23.5	0.56	2.68
9.0-10.0	300.9	5.4	29.0	0.62	3.30
10.0-11.0	299.6	6.0	35.0	0.68	3.98
11.0-12.0	298.2	6.5	41.5	0.74	4.72
12.0-13.0	296.6	7.0	48.5	0.80	5.52
13.0-14.0	294.9	7.5	56.1	0.86	6.38
14.0-15.0	293.0	8.0	64.1	0.92	7.30
15.0-16.0	291.1	8.5	72.7	0.97	8.27
16.0-17.0	289.0	9.0	81.7	1.02	9.29
17.0-18.0	286.8	9.5	91.1	1.08	10.37
18.0-19.0	284.5	9.9	101.0	1.13	11.49
19.0-20.0	282.2	10.3	111.3	1.18	12.67
20.0-21.0	279.6	10.7	122.1	1.22	13.89
21.0-22.0	277.0	11.1	133.2	1.27	15.16
22.0-23.0	274.2	11.5	144.7	1.31	16.47
23.0-24.0	271.4	11.9	156.6	1.35	17.82
24.0-25.0	268.5	12.2	168.8	1.39	19.21
25.0-26.0	265.5	12.5	181.3	1.43	20.63
26.0-27.0	262.3	12.8	194.2	1.46	22.09
27.0-28.0	259.1	13.1	207.3	1.49	23.59
28.0-29.0	255.9	13.4	220.7	1.52	25.11
29.0-30.0	252.5	13.6	234.3	1.55	26.66
30.0-31.0	249.0	13.9	248.2	1.58	28.24
31.0-32.0	245.5	14.1	262.2	1.60	29.84
32.0-33.0	241.9	14.3	276.5	1.62	31.46
33.0-34.0	238.3	14.4	290.9	1.64	33.10
34.0-35.0	234.5	14.6	305.5	1.66	34.76
35.0-36.0	230.7	14.7	320.2	1.67	36.43

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	226.9	14.8	335.0	1.68	38.12
37.0-38.0	223.0	14.9	349.9	1.69	39.81
38.0-39.0	219.0	15.0	364.8	1.70	41.51
39.0-40.0	215.0	15.0	379.8	1.71	43.22
40.0-41.0	210.9	15.0	394.8	1.71	44.93
41.0-42.0	206.8	15.0	409.9	1.71	46.64
42.0-43.0	202.7	15.0	424.9	1.71	48.34
43.0-44.0	198.5	15.0	439.9	1.70	50.05
44.0-45.0	194.2	14.9	454.8	1.70	51.75
45.0-46.0	190.0	14.9	469.6	1.69	53.44
46.0-47.0	185.8	14.8	484.4	1.68	55.12
47.0-48.0	181.5	14.7	499.1	1.67	56.79
48.0-49.0	177.1	14.5	513.6	1.66	58.45
49.0-50.0	172.8	14.4	528.1	1.64	60.09
50.0-51.0	168.5	14.3	542.3	1.62	61.71
51.0-52.0	164.1	14.1	556.4	1.60	63.31
52.0-53.0	159.7	13.9	570.3	1.58	64.89
53.0-54.0	155.3	13.7	584.0	1.56	66.45
54.0-55.0	150.9	13.5	597.4	1.53	67.98
55.0-56.0	146.5	13.2	610.7	1.51	69.49
56.0-57.0	142.1	13.0	623.7	1.48	70.97
57.0-58.0	137.7	12.7	636.4	1.45	72.41
58.0-59.0	133.3	12.5	648.9	1.42	73.83
59.0-60.0	128.8	12.2	661.0	1.39	75.22
60.0-61.0	124.4	11.9	672.9	1.35	76.57
61.0-62.0	120.0	11.6	684.5	1.32	77.88
62.0-63.0	115.6	11.2	695.7	1.28	79.16
63.0-64.0	111.2	10.9	706.6	1.24	80.41
64.0-65.0	106.9	10.6	717.2	1.20	81.61
65.0-66.0	102.5	10.2	727.4	1.16	82.77
66.0-67.0	98.2	9.9	737.3	1.12	83.90
67.0-68.0	93.8	9.5	746.8	1.08	84.98
68.0-69.0	89.5	9.1	756.0	1.04	86.02
69.0-70.0	85.2	8.7	764.7	1.00	87.01
70.0-71.0	80.9	8.4	773.1	0.95	87.96
71.0-72.0	76.6	8.0	781.0	0.91	88.87

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	72.4	7.6	788.6	0.86	89.73
73.0-74.0	68.1	7.2	795.8	0.82	90.55
74.0-75.0	63.9	6.8	802.5	0.77	91.32
75.0-76.0	59.7	6.3	808.9	0.72	92.04
76.0-77.0	55.5	5.9	814.8	0.67	92.71
77.0-78.0	51.4	5.5	820.3	0.63	93.34
78.0-79.0	47.2	5.1	825.4	0.58	93.91
79.0-80.0	43.1	4.7	830.0	0.53	94.44
80.0-81.0	39.1	4.2	834.2	0.48	94.93
81.0-82.0	35.2	3.8	838.1	0.43	95.36
82.0-83.0	31.3	3.4	841.5	0.39	95.75
83.0-84.0	27.6	3.0	844.5	0.34	96.09
84.0-85.0	24.1	2.6	847.1	0.30	96.39
85.0-86.0	20.7	2.3	849.4	0.26	96.65
86.0-87.0	17.7	1.9	851.3	0.22	96.87
87.0-88.0	15.0	1.6	852.9	0.19	97.05
88.0-89.0	12.6	1.4	854.3	0.16	97.21
89.0-90.0	10.6	1.2	855.5	0.13	97.34
90.0-91.0	9.0	1.0	856.5	0.11	97.46
91.0-92.0	7.7	0.8	857.3	0.10	97.55
92.0-93.0	6.8	0.7	858.1	0.08	97.64
93.0-94.0	6.0	0.7	858.7	0.07	97.71
94.0-95.0	5.4	0.6	859.3	0.07	97.78
95.0-96.0	5.0	0.5	859.9	0.06	97.84
96.0-97.0	4.6	0.5	860.4	0.06	97.90
97.0-98.0	4.4	0.5	860.8	0.05	97.95
98.0-99.0	4.2	0.5	861.3	0.05	98.00
99.0-100.0	4.1	0.4	861.7	0.05	98.05
100.0-101.0	3.9	0.4	862.2	0.05	98.10
101.0-102.0	3.8	0.4	862.6	0.05	98.15
102.0-103.0	3.8	0.4	863.0	0.05	98.20
103.0-104.0	3.7	0.4	863.4	0.04	98.24
104.0-105.0	3.6	0.4	863.8	0.04	98.28
105.0-106.0	3.5	0.4	864.1	0.04	98.33
106.0-107.0	3.5	0.4	864.5	0.04	98.37
107.0-108.0	3.4	0.4	864.8	0.04	98.41

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 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	3.4	0.3	865.2	0.04	98.45
109.0-110.0	3.3	0.3	865.5	0.04	98.49
110.0-111.0	3.3	0.3	865.9	0.04	98.53
111.0-112.0	3.3	0.3	866.2	0.04	98.56
112.0-113.0	3.3	0.3	866.5	0.04	98.60
113.0-114.0	3.3	0.3	866.9	0.04	98.64
114.0-115.0	3.3	0.3	867.2	0.04	98.68
115.0-116.0	3.3	0.3	867.5	0.04	98.71
116.0-117.0	3.3	0.3	867.8	0.04	98.75
117.0-118.0	3.2	0.3	868.2	0.04	98.78
118.0-119.0	3.2	0.3	868.5	0.04	98.82
119.0-120.0	3.2	0.3	868.8	0.04	98.86
120.0-121.0	3.2	0.3	869.1	0.03	98.89
121.0-122.0	3.2	0.3	869.4	0.03	98.93
122.0-123.0	3.2	0.3	869.7	0.03	98.96
123.0-124.0	3.2	0.3	870.0	0.03	98.99
124.0-125.0	3.2	0.3	870.3	0.03	99.03
125.0-126.0	3.2	0.3	870.6	0.03	99.06
126.0-127.0	3.2	0.3	870.9	0.03	99.09
127.0-128.0	3.2	0.3	871.1	0.03	99.12
128.0-129.0	3.2	0.3	871.4	0.03	99.15
129.0-130.0	3.2	0.3	871.7	0.03	99.19
130.0-131.0	3.2	0.3	871.9	0.03	99.22
131.0-132.0	3.2	0.3	872.2	0.03	99.25
132.0-133.0	3.2	0.3	872.5	0.03	99.28
133.0-134.0	3.2	0.3	872.7	0.03	99.30
134.0-135.0	3.2	0.2	873.0	0.03	99.33
135.0-136.0	3.2	0.2	873.2	0.03	99.36
136.0-137.0	3.2	0.2	873.5	0.03	99.39
137.0-138.0	3.2	0.2	873.7	0.03	99.42
138.0-139.0	3.2	0.2	873.9	0.03	99.44
139.0-140.0	3.2	0.2	874.2	0.03	99.47
140.0-141.0	3.2	0.2	874.4	0.03	99.49
141.0-142.0	3.2	0.2	874.6	0.02	99.52
142.0-143.0	3.2	0.2	874.8	0.02	99.54
143.0-144.0	3.2	0.2	875.0	0.02	99.57

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.2	0.2	875.2	0.02	99.59
145.0-146.0	3.2	0.2	875.4	0.02	99.61
146.0-147.0	3.2	0.2	875.6	0.02	99.63
147.0-148.0	3.2	0.2	875.8	0.02	99.65
148.0-149.0	3.2	0.2	876.0	0.02	99.67
149.0-150.0	3.2	0.2	876.2	0.02	99.69
150.0-151.0	3.2	0.2	876.3	0.02	99.71
151.0-152.0	3.2	0.2	876.5	0.02	99.73
152.0-153.0	3.2	0.2	876.7	0.02	99.75
153.0-154.0	3.2	0.2	876.8	0.02	99.77
154.0-155.0	3.2	0.1	877.0	0.02	99.79
155.0-156.0	3.2	0.1	877.1	0.02	99.80
156.0-157.0	3.2	0.1	877.2	0.02	99.82
157.0-158.0	3.2	0.1	877.4	0.02	99.83
158.0-159.0	3.2	0.1	877.5	0.01	99.85
159.0-160.0	3.2	0.1	877.6	0.01	99.86
160.0-161.0	3.2	0.1	877.7	0.01	99.88
161.0-162.0	3.2	0.1	877.9	0.01	99.89
162.0-163.0	3.2	0.1	878.0	0.01	99.90
163.0-164.0	3.2	0.1	878.1	0.01	99.91
164.0-165.0	3.2	0.1	878.2	0.01	99.92
165.0-166.0	3.2	0.1	878.2	0.01	99.93
166.0-167.0	3.2	0.1	878.3	0.01	99.94
167.0-168.0	3.2	0.1	878.4	0.01	99.95
168.0-169.0	3.2	0.1	878.5	0.01	99.96
169.0-170.0	3.2	0.1	878.5	0.01	99.97
170.0-171.0	3.2	0.1	878.6	0.01	99.97
171.0-172.0	3.2	0.1	878.6	0.01	99.98
172.0-173.0	3.2	0.0	878.7	0.01	99.98
173.0-174.0	3.2	0.0	878.7	0.00	99.99
174.0-175.0	3.2	0.0	878.8	0.00	99.99
175.0-176.0	3.2	0.0	878.8	0.00	99.99
176.0-177.0	3.2	0.0	878.8	0.00	100.00
177.0-178.0	3.2	0.0	878.8	0.00	100.00
178.0-179.0	3.2	0.0	878.8	0.00	100.00
179.0-180.0	3.2	0.0	878.8	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: