

Report No.:

Test Time: 2023/10/8 10:58

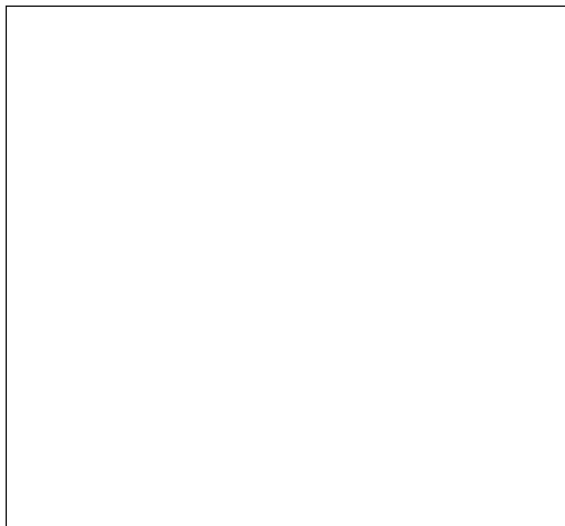
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: HEXANODE RGB2700K-2W-UCS8904- Green only
Luminaire Description: CLEAR FLAT IP67
Lamp Description: 3 nodes GREEN
Luminous Width (mm): 50
Voltage: 24.0 V
Power: 1.99 W
Lamp Catalog: NODE
Luminous Length (mm): 250
Luminous Height (mm): 30
Current: 0.083 A
Power Factor: 1.000

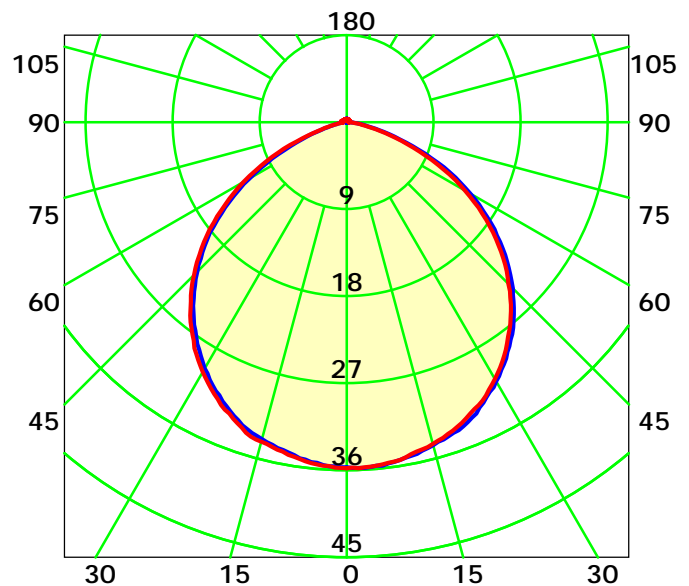
Photometric Results

CIE Class: Direct
Measurement Flux: 93.8 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%): H147.3,H107
Vertical Diffuse Angle(10%,50%): V147.2,V106.7
Luminaire Efficacy Rating (LER): 47
Max. Intensity: 35.94 cd
Total Rated Lamp Lumens: 93.8 lm
Efficiency: 100%
Upward Ratio: 2%
Central Intensity: 35.78 cd
Pos of Max. Intensity: H120 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



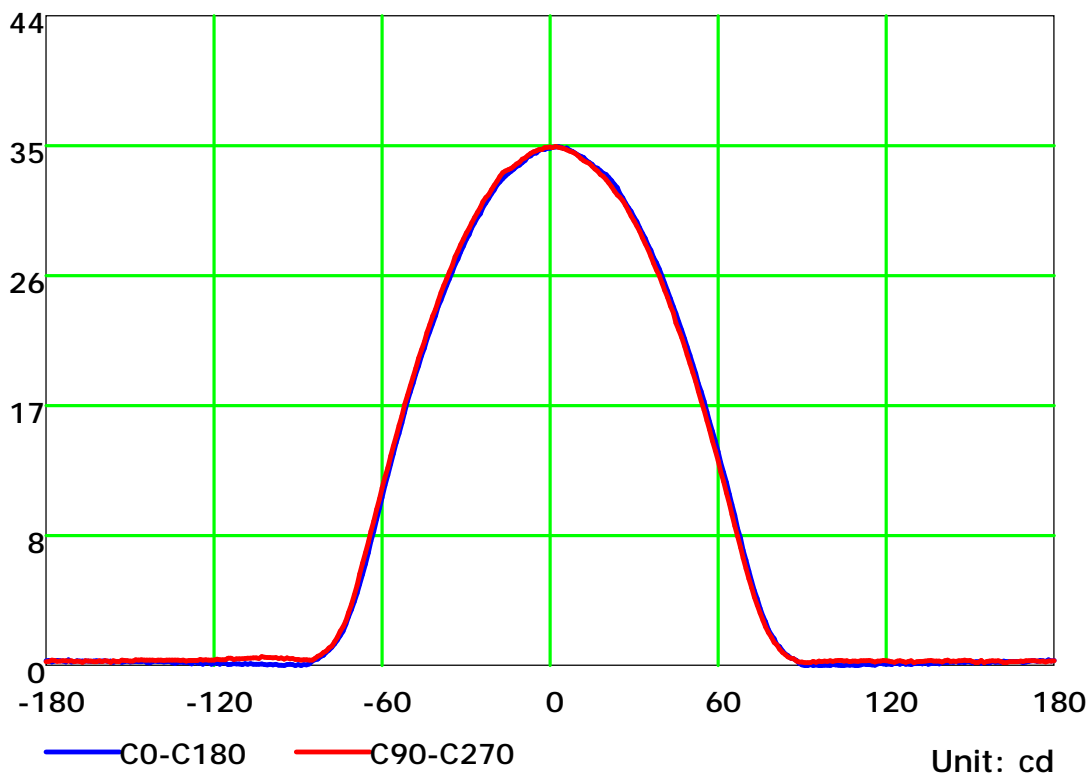
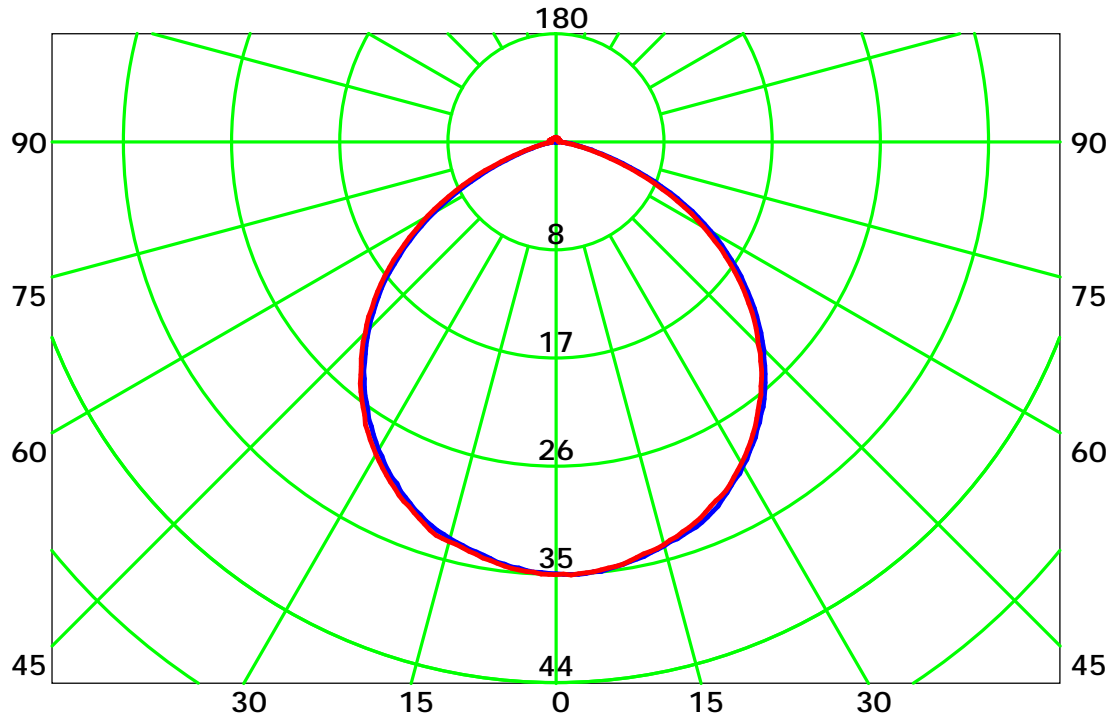
Unit: cd
Average Diffuse Angle(50%): 106.8°
— C0-C180 — C90-C270

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:



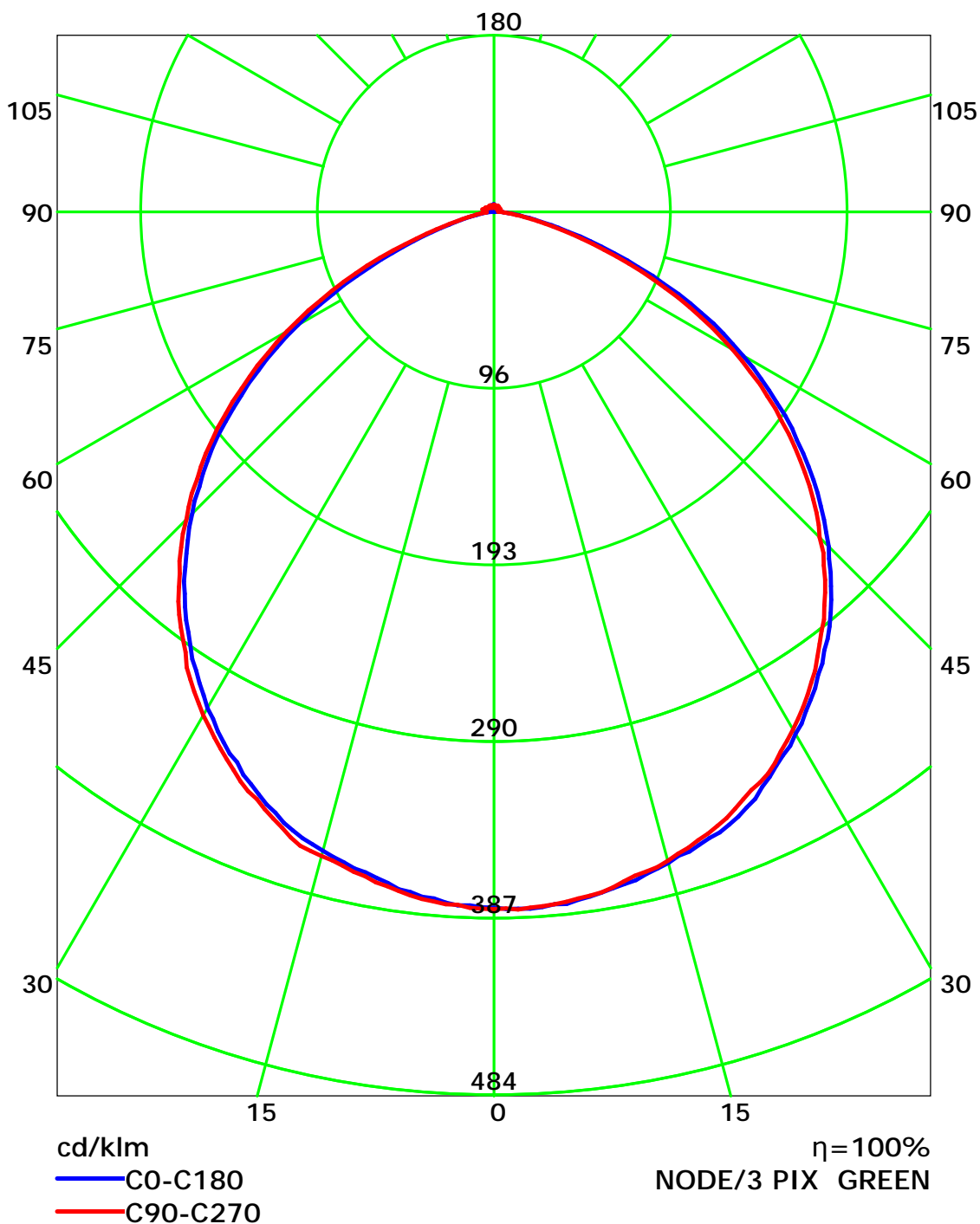
Luminous Intensity Distribution Curve



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:

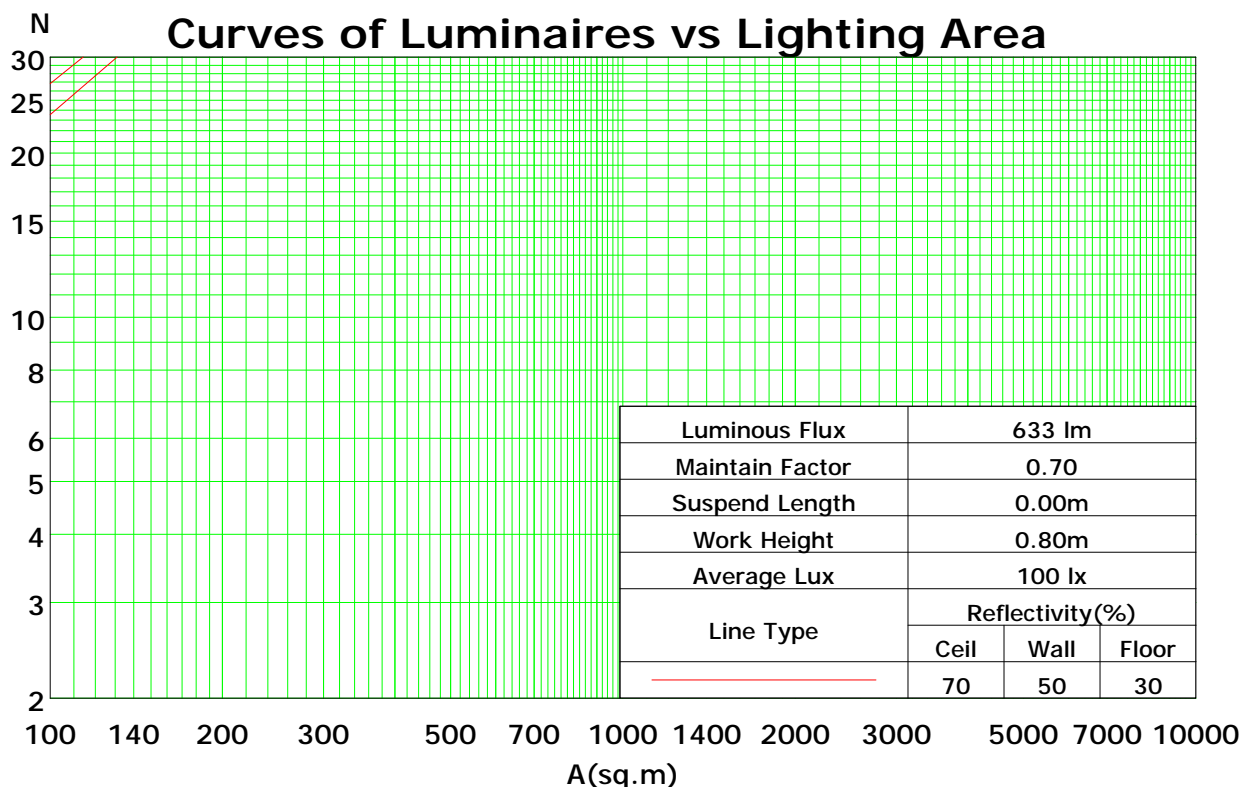
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	109	105	101	98	107	103	99	96	98	95	93	94	92	90	90	88	87	84
2	100	93	86	81	97	91	85	80	87	82	78	83	79	76	80	77	74	72
3	92	82	74	68	89	80	73	68	77	71	66	74	69	65	71	67	63	61
4	84	73	65	58	82	72	64	58	69	62	57	66	60	56	64	59	55	53
5	78	65	57	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	52	47	42	40
7	67	54	45	39	65	53	45	39	51	44	39	49	43	38	48	42	38	36
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	37	31	43	36	31	42	35	31	41	35	31	29
10	54	41	34	29	53	41	33	28	40	33	28	39	32	28	38	32	28	26

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.26

Spacing Criteria (Diagonal): 1.36



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

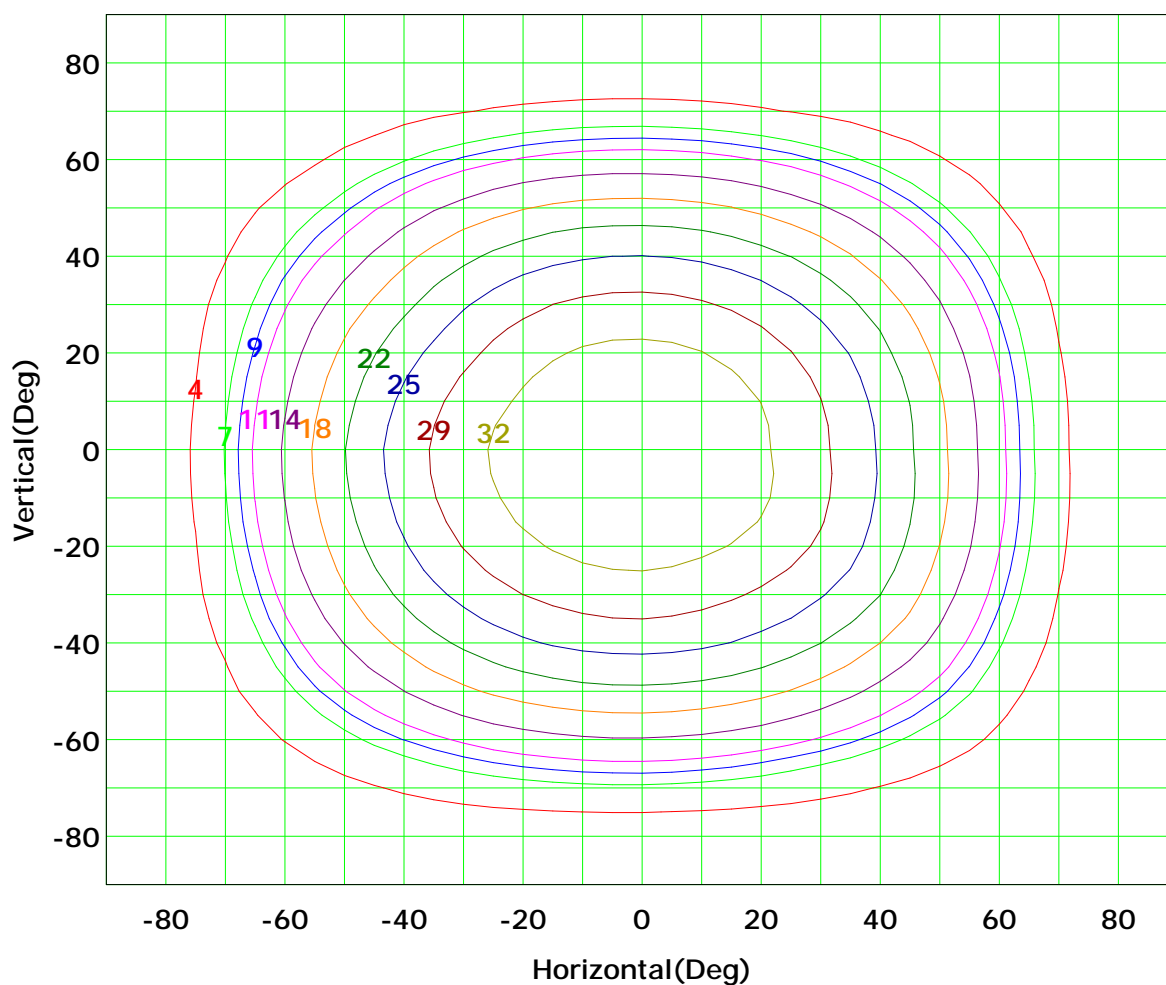
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



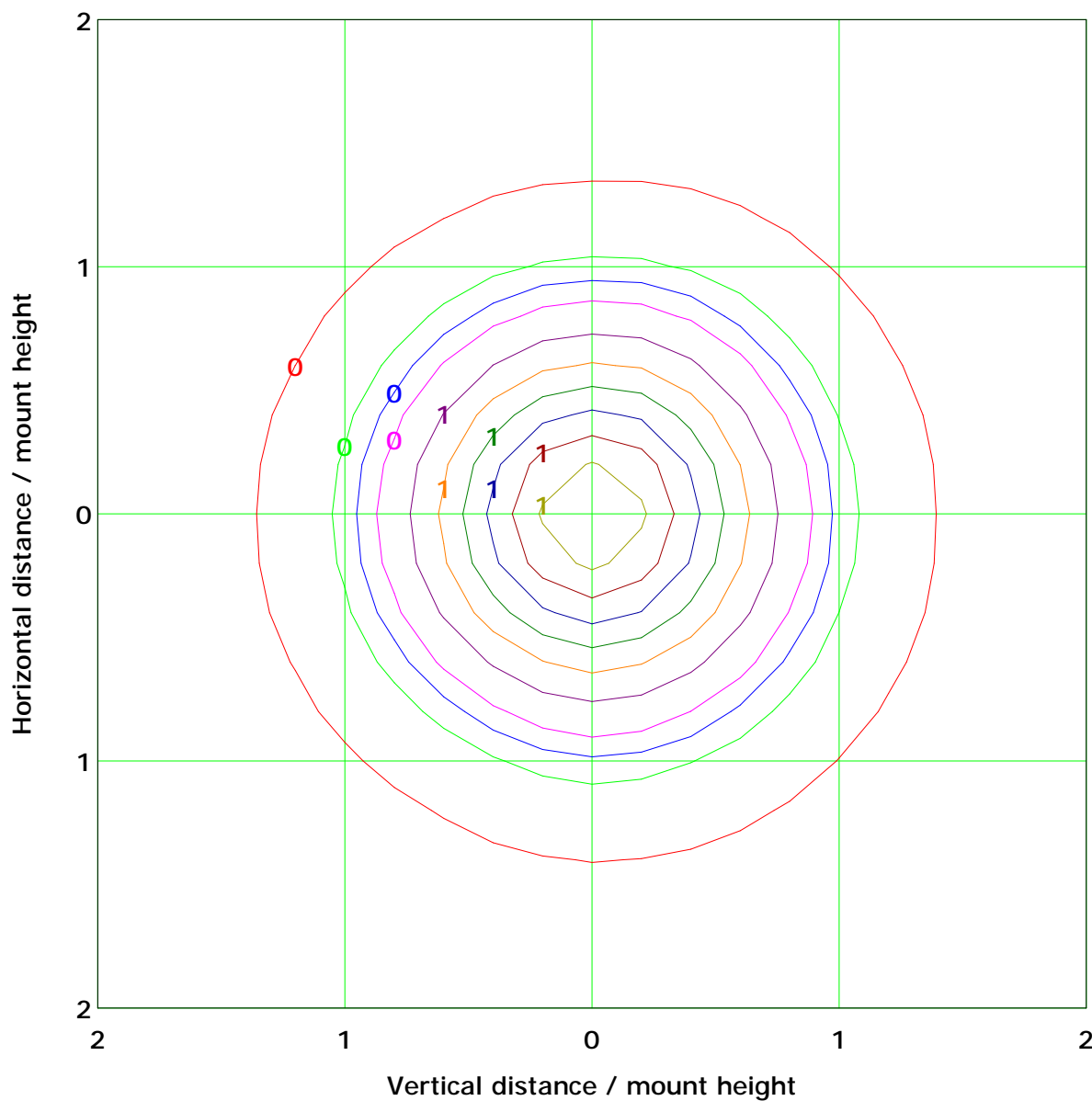
I_{max} (100%): 36 cd

(10%):	4 cd	(20%):	7 cd
(25%):	9 cd	(30%):	11 cd
(40%):	14 cd	(50%):	18 cd
(60%):	22 cd	(70%):	25 cd
(80%):	29 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%): 0.9 lx	(70%): 1.0 lx
(80%): 1.1 lx	(90%): 1.3 lx

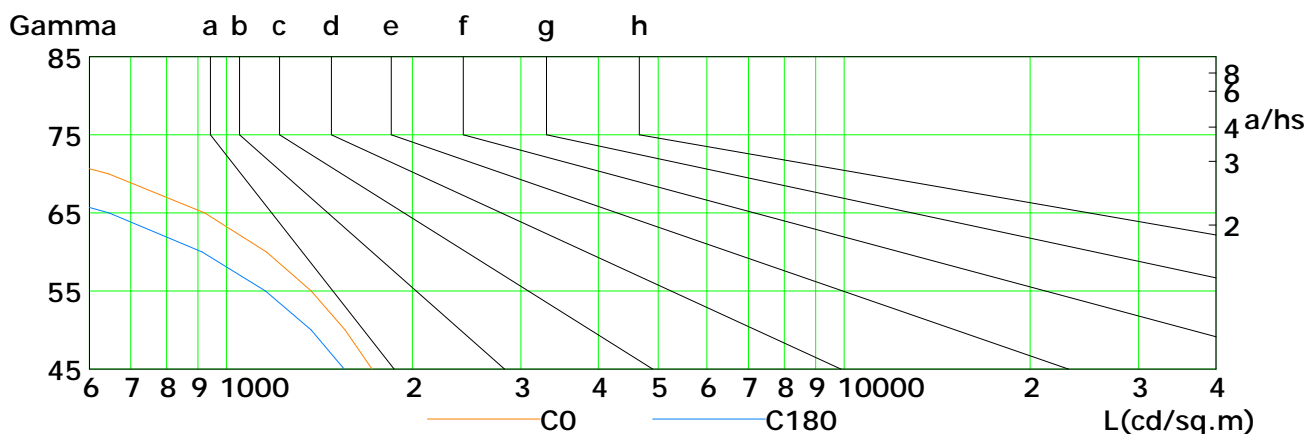
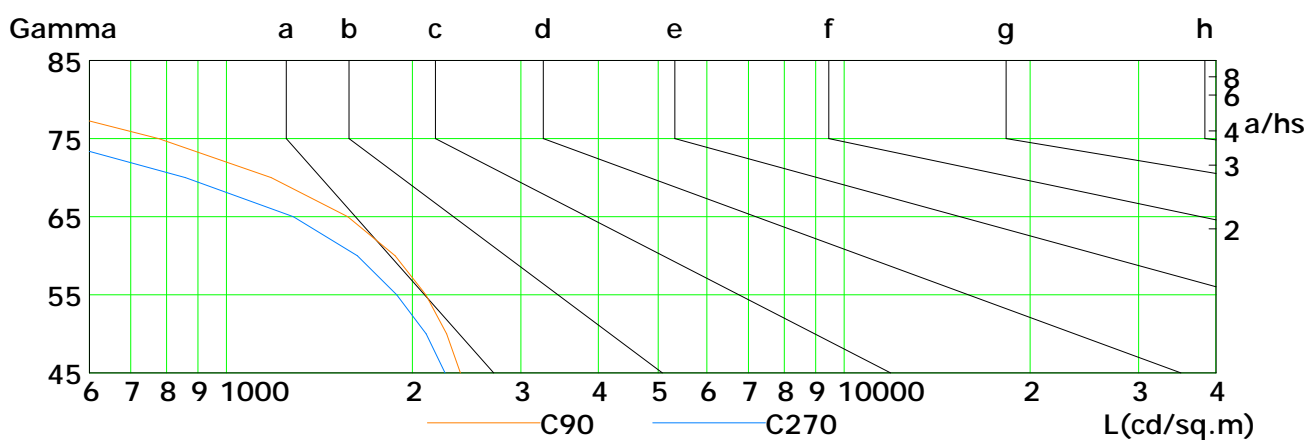
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



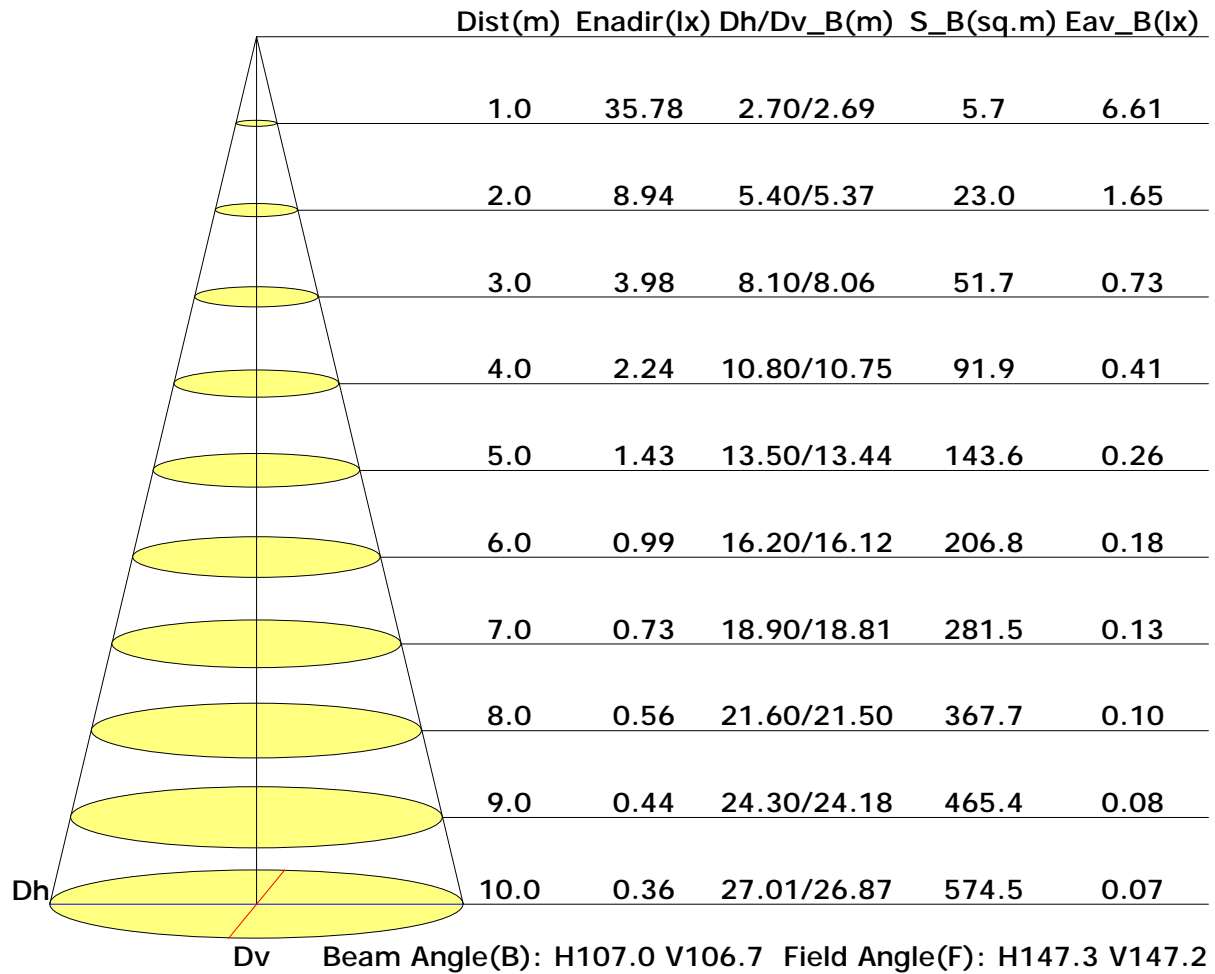
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1722	1557	1373	1161	922	645	379	195	81
C90	2393	2272	2104	1877	1573	1182	777	439	236
C180	1551	1372	1157	913	646	390	198	95	36
C270	2261	2106	1887	1629	1284	858	506	274	151

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

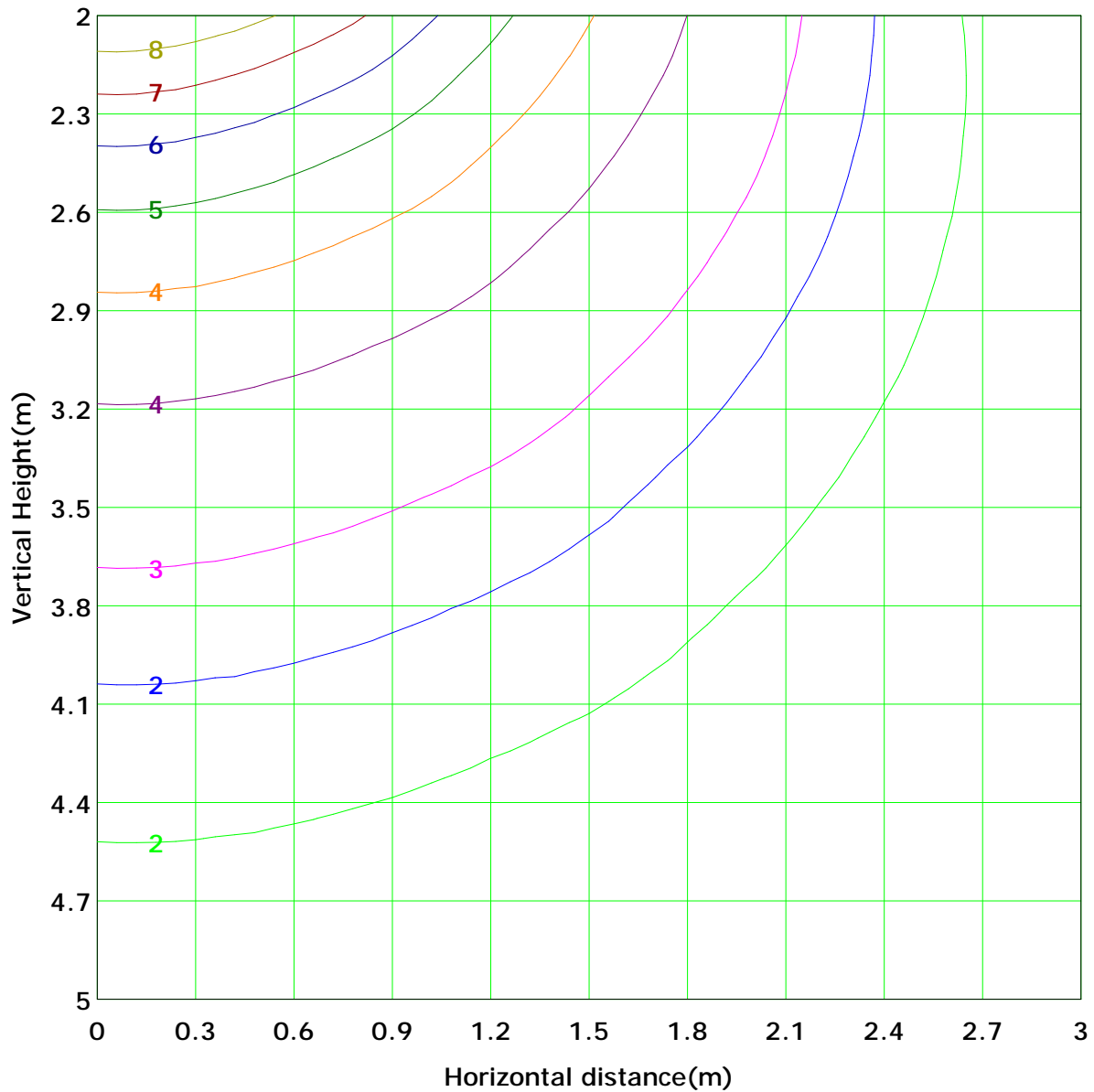
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 9.0 lx
(10%): 0.9 lx	(20%): 1.8 lx	(30%): 2.7 lx
(25%): 2.2 lx	(50%): 4.5 lx	(70%): 6.3 lx
(40%): 3.6 lx	(80%): 7.2 lx	(90%): 8.1 lx
(60%): 5.4 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

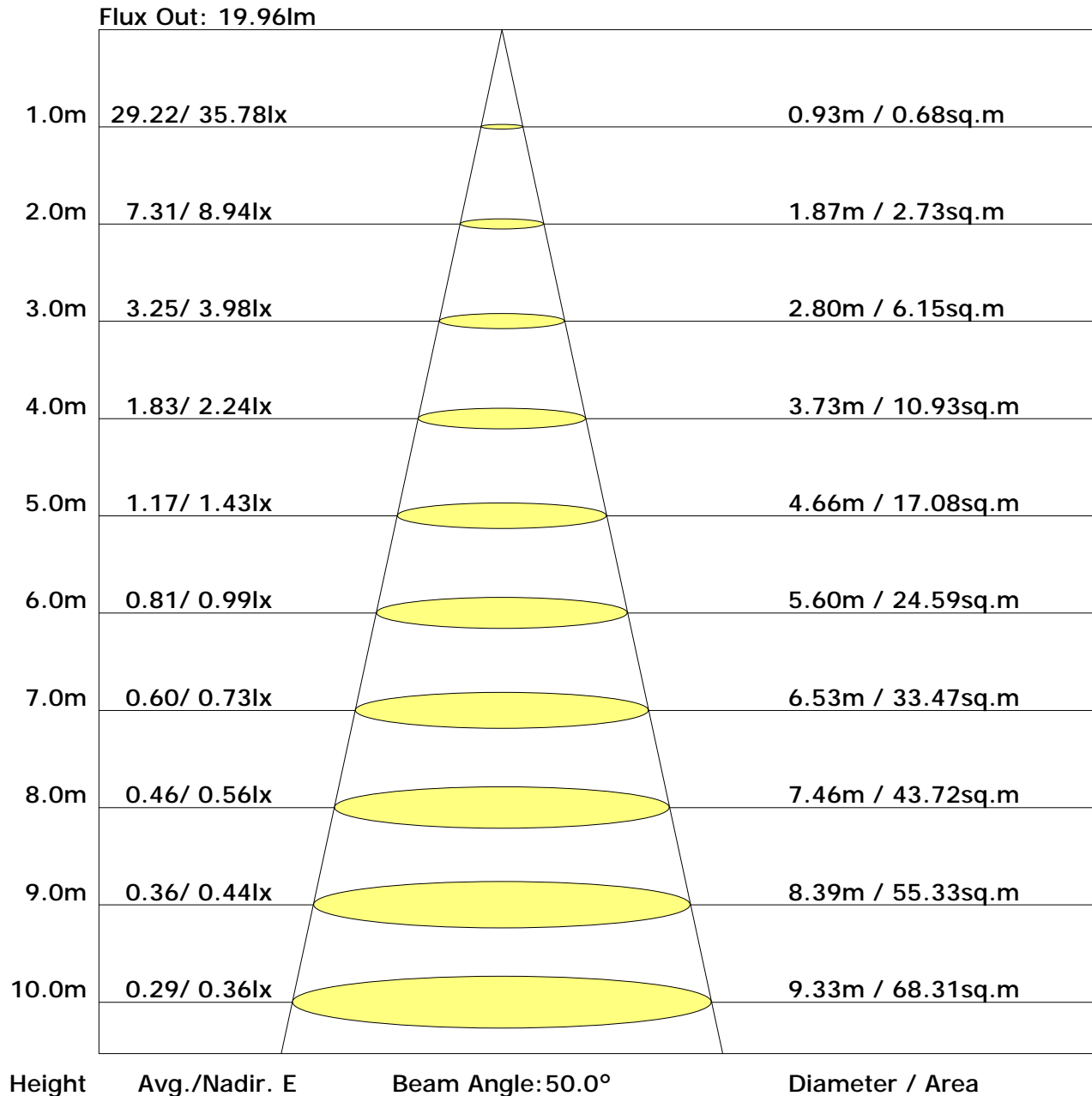
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
		0.0	0.2	0.9	2.5	4.6	6.7	8.7	10.2	11.0	11.1	10.4	9.0	7.1	4.9	2.9	1.3	0.3	0.0	0.0	92	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:



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	22.2	23.7	22.6	24.0	24.4	21.2	22.7	21.6	23.1	23.4
3H	23.3	24.7	23.7	25.1	25.5	22.1	23.4	22.5	23.8	24.2
4H	23.6	24.8	24.0	25.2	25.7	22.3	23.5	22.7	23.9	24.4
6H	23.7	24.8	24.1	25.3	25.7	22.3	23.5	22.7	23.9	24.3
8H	23.7	24.8	24.1	25.2	25.7	22.3	23.4	22.7	23.8	24.3
12H	23.7	24.7	24.1	25.2	25.6	22.3	23.3	22.7	23.7	24.2
X=4H Y=2H	22.4	23.7	22.8	24.1	24.5	21.6	22.9	22.1	23.3	23.7
3H	23.7	24.7	24.1	25.2	25.6	22.7	23.7	23.1	24.1	24.6
4H	24.0	24.9	24.4	25.4	25.8	22.9	23.8	23.3	24.3	24.7
6H	24.1	24.9	24.6	25.4	25.9	22.9	23.7	23.4	24.2	24.7
8H	24.1	24.9	24.6	25.3	25.9	22.9	23.7	23.4	24.2	24.7
12H	24.1	24.8	24.6	25.3	25.8	22.9	23.6	23.4	24.1	24.6
X=8H Y=4H	23.9	24.7	24.4	25.2	25.7	22.9	23.7	23.4	24.2	24.7
6H	24.1	24.7	24.6	25.2	25.8	23.0	23.6	23.5	24.2	24.7
8H	24.1	24.7	24.6	25.2	25.7	23.0	23.6	23.5	24.1	24.6
12H	24.1	24.6	24.7	25.1	25.7	23.0	23.5	23.5	24.0	24.6
X=12H Y=4H	23.9	24.6	24.4	25.1	25.6	22.9	23.6	23.4	24.1	24.6
6H	24.1	24.6	24.6	25.1	25.7	23.0	23.5	23.5	24.0	24.6
8H	24.1	24.6	24.6	25.1	25.7	23.0	23.5	23.5	24.0	24.6

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	0.59	0.70	0.77	0.83	0.90	0.94	0.98	1.02	1.04
	0.30		0.52	0.63	0.71	0.76	0.84	0.89	0.93	0.98	1.01
	0.20		0.47	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.98
0.50	0.50	0.20	0.58	0.68	0.75	0.80	0.86	0.91	0.94	0.97	1.00
	0.30		0.51	0.62	0.69	0.74	0.82	0.86	0.90	0.94	0.97
	0.20		0.46	0.57	0.64	0.70	0.78	0.83	0.87	0.92	0.95
0.30	0.50	0.20	0.56	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.50	0.60	0.67	0.72	0.79	0.84	0.87	0.91	0.94
	0.20		0.46	0.56	0.63	0.69	0.76	0.81	0.84	0.89	0.92
0.00	0.00	0.00	0.43	0.53	0.60	0.65	0.72	0.77	0.80	0.84	0.87
Rating: 2W 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	0.94	0.77	0.64	0.56	0.44	0.36	0.31	0.23	0.19	
	0.30		0.79	0.66	0.56	0.49	0.40	0.33	0.28	0.22	0.18	
	0.20		0.68	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.50	0.50	0.20	0.91	0.73	0.61	0.53	0.41	0.37	0.29	0.22	0.18	
	0.30		0.77	0.63	0.54	0.47	0.38	0.31	0.27	0.21	0.17	
	0.20		0.66	0.56	0.49	0.43	0.35	0.29	0.25	0.20	0.16	
0.30	0.50	0.20	0.87	0.70	0.58	0.50	0.39	0.32	0.27	0.21	0.17	
	0.30		0.75	0.62	0.52	0.46	0.36	0.30	0.26	0.20	0.16	
	0.20		0.65	0.55	0.47	0.42	0.34	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.11	
Rating: 2W 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	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.24
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Rating: 2W 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	35.8	0.0	0.0	0.04	0.04
1.0-2.0	35.8	0.1	0.1	0.11	0.15
2.0-3.0	35.8	0.2	0.3	0.18	0.33
3.0-4.0	35.8	0.2	0.5	0.26	0.58
4.0-5.0	35.7	0.3	0.9	0.33	0.91
5.0-6.0	35.6	0.4	1.2	0.40	1.31
6.0-7.0	35.5	0.4	1.7	0.47	1.78
7.0-8.0	35.4	0.5	2.2	0.54	2.32
8.0-9.0	35.3	0.6	2.8	0.61	2.93
9.0-10.0	35.2	0.6	3.4	0.68	3.61
10.0-11.0	35.0	0.7	4.1	0.75	4.36
11.0-12.0	34.9	0.8	4.8	0.81	5.17
12.0-13.0	34.7	0.8	5.7	0.88	6.05
13.0-14.0	34.6	0.9	6.6	0.94	7.00
14.0-15.0	34.5	0.9	7.5	1.01	8.01
15.0-16.0	34.3	1.0	8.5	1.07	9.08
16.0-17.0	34.2	1.1	9.6	1.13	10.21
17.0-18.0	34.0	1.1	10.7	1.20	11.41
18.0-19.0	33.8	1.2	11.9	1.25	12.66
19.0-20.0	33.5	1.2	13.1	1.31	13.97
20.0-21.0	33.3	1.3	14.4	1.36	15.34
21.0-22.0	33.0	1.3	15.7	1.42	16.75
22.0-23.0	32.8	1.4	17.1	1.47	18.22
23.0-24.0	32.5	1.4	18.5	1.52	19.73
24.0-25.0	32.2	1.5	20.0	1.56	21.29
25.0-26.0	31.8	1.5	21.5	1.60	22.90
26.0-27.0	31.5	1.5	23.0	1.65	24.54
27.0-28.0	31.2	1.6	24.6	1.68	26.23
28.0-29.0	30.8	1.6	26.2	1.72	27.95
29.0-30.0	30.5	1.6	27.8	1.76	29.71
30.0-31.0	30.1	1.7	29.5	1.79	31.49
31.0-32.0	29.7	1.7	31.2	1.82	33.31
32.0-33.0	29.3	1.7	33.0	1.84	35.15
33.0-34.0	28.9	1.7	34.7	1.86	37.01
34.0-35.0	28.4	1.8	36.5	1.88	38.90
35.0-36.0	28.0	1.8	38.2	1.90	40.80

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	27.5	1.8	40.0	1.92	42.72
37.0-38.0	27.1	1.8	41.9	1.93	44.64
38.0-39.0	26.6	1.8	43.7	1.94	46.58
39.0-40.0	26.1	1.8	45.5	1.94	48.52
40.0-41.0	25.6	1.8	47.3	1.94	50.47
41.0-42.0	25.1	1.8	49.1	1.94	52.41
42.0-43.0	24.5	1.8	50.9	1.94	54.35
43.0-44.0	24.0	1.8	52.8	1.93	56.28
44.0-45.0	23.4	1.8	54.6	1.92	58.20
45.0-46.0	22.8	1.8	56.3	1.91	60.10
46.0-47.0	22.3	1.8	58.1	1.89	61.99
47.0-48.0	21.7	1.8	59.9	1.87	63.86
48.0-49.0	21.1	1.7	61.6	1.85	65.71
49.0-50.0	20.5	1.7	63.3	1.82	67.53
50.0-51.0	19.8	1.7	65.0	1.79	69.32
51.0-52.0	19.2	1.6	66.6	1.76	71.08
52.0-53.0	18.5	1.6	68.2	1.72	72.80
53.0-54.0	17.8	1.6	69.8	1.68	74.48
54.0-55.0	17.2	1.5	71.4	1.63	76.11
55.0-56.0	16.5	1.5	72.8	1.59	77.70
56.0-57.0	15.8	1.4	74.3	1.54	79.24
57.0-58.0	15.1	1.4	75.7	1.49	80.73
58.0-59.0	14.4	1.3	77.0	1.43	82.16
59.0-60.0	13.6	1.3	78.3	1.37	83.53
60.0-61.0	12.9	1.2	79.5	1.31	84.84
61.0-62.0	12.1	1.2	80.7	1.25	86.09
62.0-63.0	11.4	1.1	81.8	1.18	87.27
63.0-64.0	10.6	1.0	82.9	1.11	88.39
64.0-65.0	9.9	1.0	83.8	1.04	89.43
65.0-66.0	9.1	0.9	84.7	0.97	90.40
66.0-67.0	8.4	0.8	85.6	0.90	91.30
67.0-68.0	7.6	0.8	86.4	0.82	92.12
68.0-69.0	6.9	0.7	87.1	0.75	92.87
69.0-70.0	6.2	0.6	87.7	0.68	93.54
70.0-71.0	5.5	0.6	88.3	0.60	94.15
71.0-72.0	4.8	0.5	88.8	0.54	94.68

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	4.2	0.4	89.2	0.47	95.16
73.0-74.0	3.7	0.4	89.6	0.42	95.57
74.0-75.0	3.2	0.3	89.9	0.36	95.93
75.0-76.0	2.8	0.3	90.2	0.31	96.25
76.0-77.0	2.4	0.3	90.5	0.27	96.52
77.0-78.0	2.0	0.2	90.7	0.23	96.75
78.0-79.0	1.7	0.2	90.9	0.20	96.94
79.0-80.0	1.4	0.2	91.0	0.17	97.11
80.0-81.0	1.2	0.1	91.2	0.14	97.25
81.0-82.0	1.0	0.1	91.3	0.12	97.37
82.0-83.0	0.8	0.1	91.4	0.10	97.46
83.0-84.0	0.7	0.1	91.4	0.08	97.54
84.0-85.0	0.6	0.1	91.5	0.07	97.61
85.0-86.0	0.5	0.1	91.6	0.05	97.66
86.0-87.0	0.4	0.0	91.6	0.05	97.71
87.0-88.0	0.3	0.0	91.6	0.04	97.75
88.0-89.0	0.3	0.0	91.7	0.03	97.78
89.0-90.0	0.3	0.0	91.7	0.03	97.82
90.0-91.0	0.3	0.0	91.7	0.03	97.84
91.0-92.0	0.3	0.0	91.8	0.03	97.88
92.0-93.0	0.3	0.0	91.8	0.03	97.91
93.0-94.0	0.3	0.0	91.8	0.03	97.94
94.0-95.0	0.3	0.0	91.8	0.03	97.97
95.0-96.0	0.3	0.0	91.9	0.04	98.01
96.0-97.0	0.3	0.0	91.9	0.04	98.05
97.0-98.0	0.3	0.0	92.0	0.04	98.09
98.0-99.0	0.3	0.0	92.0	0.04	98.13
99.0-100.0	0.4	0.0	92.0	0.04	98.17
100.0-101.0	0.4	0.0	92.1	0.04	98.21
101.0-102.0	0.4	0.0	92.1	0.04	98.26
102.0-103.0	0.4	0.0	92.2	0.05	98.30
103.0-104.0	0.4	0.0	92.2	0.05	98.35
104.0-105.0	0.4	0.0	92.2	0.04	98.39
105.0-106.0	0.4	0.0	92.3	0.04	98.43
106.0-107.0	0.4	0.0	92.3	0.04	98.48
107.0-108.0	0.4	0.0	92.4	0.04	98.52

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	0.4	0.0	92.4	0.04	98.56
109.0-110.0	0.4	0.0	92.4	0.04	98.60
110.0-111.0	0.4	0.0	92.5	0.04	98.64
111.0-112.0	0.4	0.0	92.5	0.04	98.68
112.0-113.0	0.4	0.0	92.5	0.04	98.72
113.0-114.0	0.3	0.0	92.6	0.04	98.75
114.0-115.0	0.3	0.0	92.6	0.04	98.79
115.0-116.0	0.3	0.0	92.6	0.04	98.83
116.0-117.0	0.3	0.0	92.7	0.04	98.86
117.0-118.0	0.3	0.0	92.7	0.03	98.90
118.0-119.0	0.3	0.0	92.7	0.03	98.93
119.0-120.0	0.3	0.0	92.8	0.03	98.96
120.0-121.0	0.3	0.0	92.8	0.03	98.99
121.0-122.0	0.3	0.0	92.8	0.03	99.02
122.0-123.0	0.3	0.0	92.9	0.03	99.05
123.0-124.0	0.3	0.0	92.9	0.03	99.08
124.0-125.0	0.3	0.0	92.9	0.03	99.11
125.0-126.0	0.3	0.0	92.9	0.03	99.14
126.0-127.0	0.3	0.0	93.0	0.03	99.17
127.0-128.0	0.3	0.0	93.0	0.03	99.20
128.0-129.0	0.3	0.0	93.0	0.03	99.22
129.0-130.0	0.3	0.0	93.0	0.03	99.25
130.0-131.0	0.3	0.0	93.1	0.03	99.28
131.0-132.0	0.3	0.0	93.1	0.03	99.30
132.0-133.0	0.3	0.0	93.1	0.03	99.33
133.0-134.0	0.3	0.0	93.1	0.03	99.36
134.0-135.0	0.3	0.0	93.2	0.03	99.38
135.0-136.0	0.3	0.0	93.2	0.03	99.41
136.0-137.0	0.3	0.0	93.2	0.03	99.43
137.0-138.0	0.3	0.0	93.2	0.03	99.46
138.0-139.0	0.3	0.0	93.3	0.02	99.48
139.0-140.0	0.3	0.0	93.3	0.02	99.51
140.0-141.0	0.3	0.0	93.3	0.02	99.53
141.0-142.0	0.3	0.0	93.3	0.02	99.56
142.0-143.0	0.3	0.0	93.4	0.02	99.58
143.0-144.0	0.3	0.0	93.4	0.02	99.60

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	0.3	0.0	93.4	0.02	99.63
145.0-146.0	0.3	0.0	93.4	0.02	99.65
146.0-147.0	0.3	0.0	93.4	0.02	99.67
147.0-148.0	0.3	0.0	93.5	0.02	99.69
148.0-149.0	0.3	0.0	93.5	0.02	99.71
149.0-150.0	0.3	0.0	93.5	0.02	99.73
150.0-151.0	0.3	0.0	93.5	0.02	99.75
151.0-152.0	0.3	0.0	93.5	0.02	99.76
152.0-153.0	0.3	0.0	93.5	0.02	99.78
153.0-154.0	0.3	0.0	93.6	0.02	99.80
154.0-155.0	0.3	0.0	93.6	0.02	99.81
155.0-156.0	0.3	0.0	93.6	0.01	99.83
156.0-157.0	0.3	0.0	93.6	0.01	99.84
157.0-158.0	0.3	0.0	93.6	0.01	99.85
158.0-159.0	0.3	0.0	93.6	0.01	99.87
159.0-160.0	0.3	0.0	93.6	0.01	99.88
160.0-161.0	0.3	0.0	93.6	0.01	99.89
161.0-162.0	0.3	0.0	93.7	0.01	99.90
162.0-163.0	0.3	0.0	93.7	0.01	99.91
163.0-164.0	0.3	0.0	93.7	0.01	99.92
164.0-165.0	0.3	0.0	93.7	0.01	99.93
165.0-166.0	0.3	0.0	93.7	0.01	99.94
166.0-167.0	0.3	0.0	93.7	0.01	99.95
167.0-168.0	0.3	0.0	93.7	0.01	99.96
168.0-169.0	0.3	0.0	93.7	0.01	99.96
169.0-170.0	0.3	0.0	93.7	0.01	99.97
170.0-171.0	0.3	0.0	93.7	0.01	99.97
171.0-172.0	0.3	0.0	93.7	0.01	99.98
172.0-173.0	0.3	0.0	93.7	0.00	99.98
173.0-174.0	0.3	0.0	93.7	0.00	99.99
174.0-175.0	0.3	0.0	93.7	0.00	99.99
175.0-176.0	0.3	0.0	93.7	0.00	99.99
176.0-177.0	0.3	0.0	93.7	0.00	100.00
177.0-178.0	0.3	0.0	93.7	0.00	100.00
178.0-179.0	0.3	0.0	93.7	0.00	100.00
179.0-180.0	0.3	0.0	93.7	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: