

Report No.:

Test Time: 2022/7/1 14:52

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants RGBW C35 1 ROWS 18W/M

Luminaire Description: Curved pendants RGBW C35 1 ROWS 18W/M

Lamp Catalog: RED

Number of Lamps: 1

Luminous Length (mm): 300

Luminous Width (mm): 35

Luminous Height (mm): 37.5

Voltage: 24.0 V

Current: 0.060 A

Power: 1.43 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 17.6 lm

Measurement Flux: 17.6 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%): H155.4,H94.4

Vertical Diffuse Angle(10%,50%): V156.5,V100.8

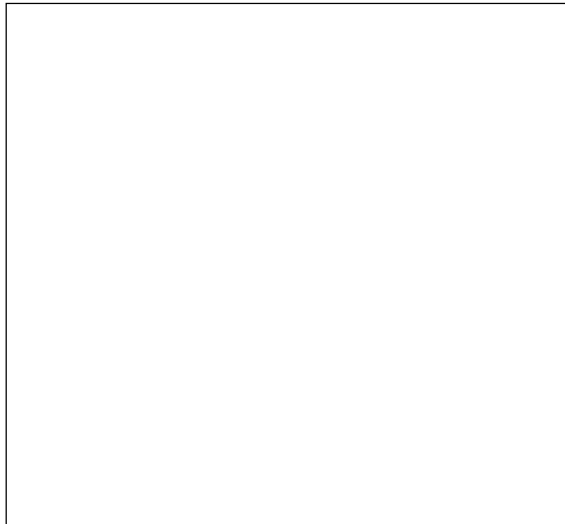
Luminaire Efficacy Rating (LER): 12

Central Intensity: 7.04 cd

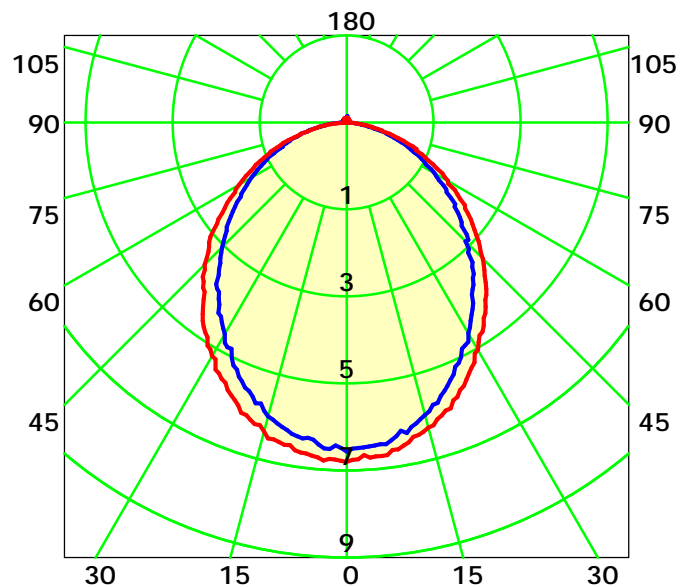
Max. Intensity: 7.39 cd

Pos of Max. Intensity: H330 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 97.6° Unit: cd

— 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

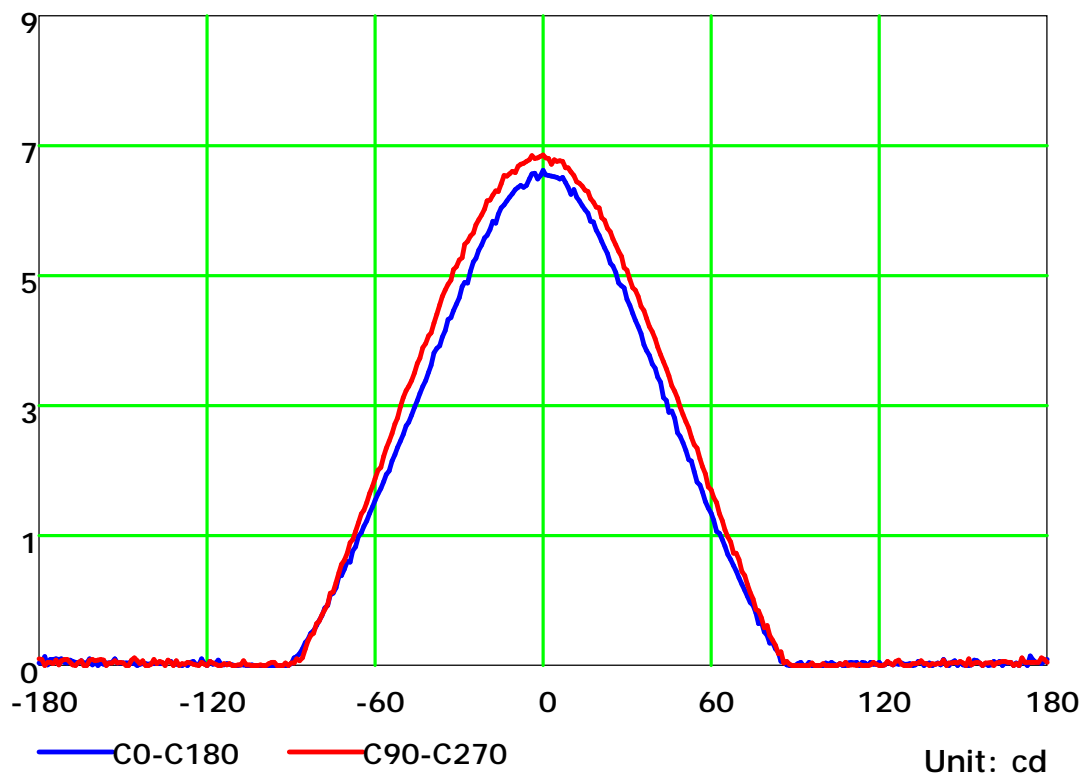
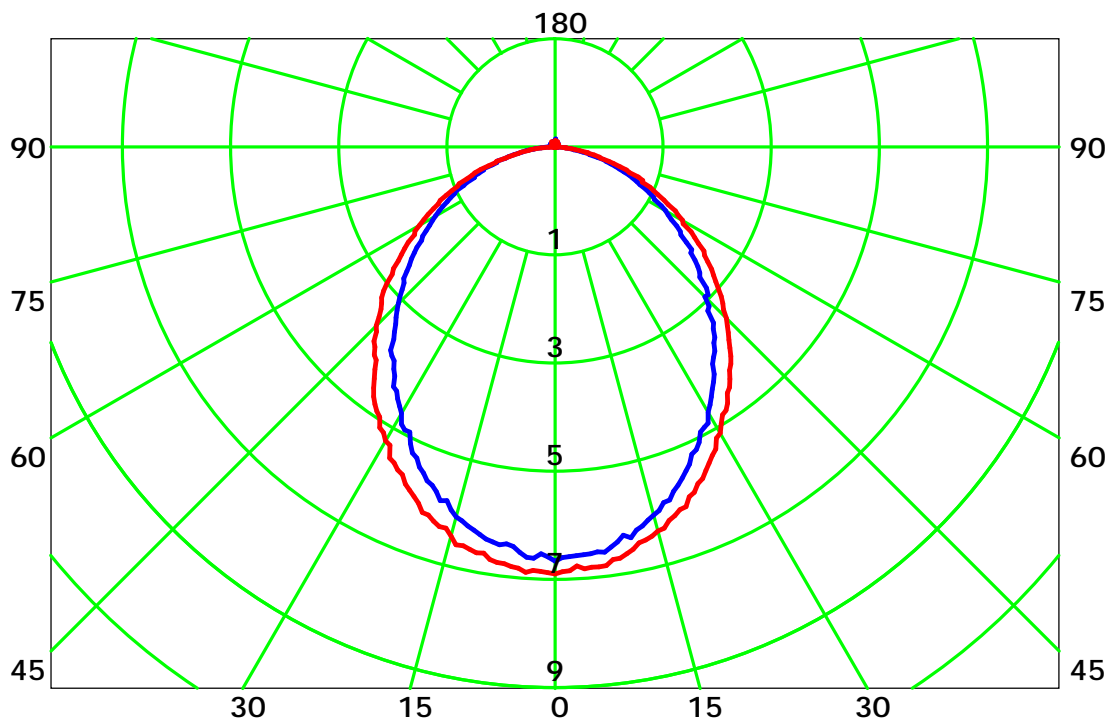
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

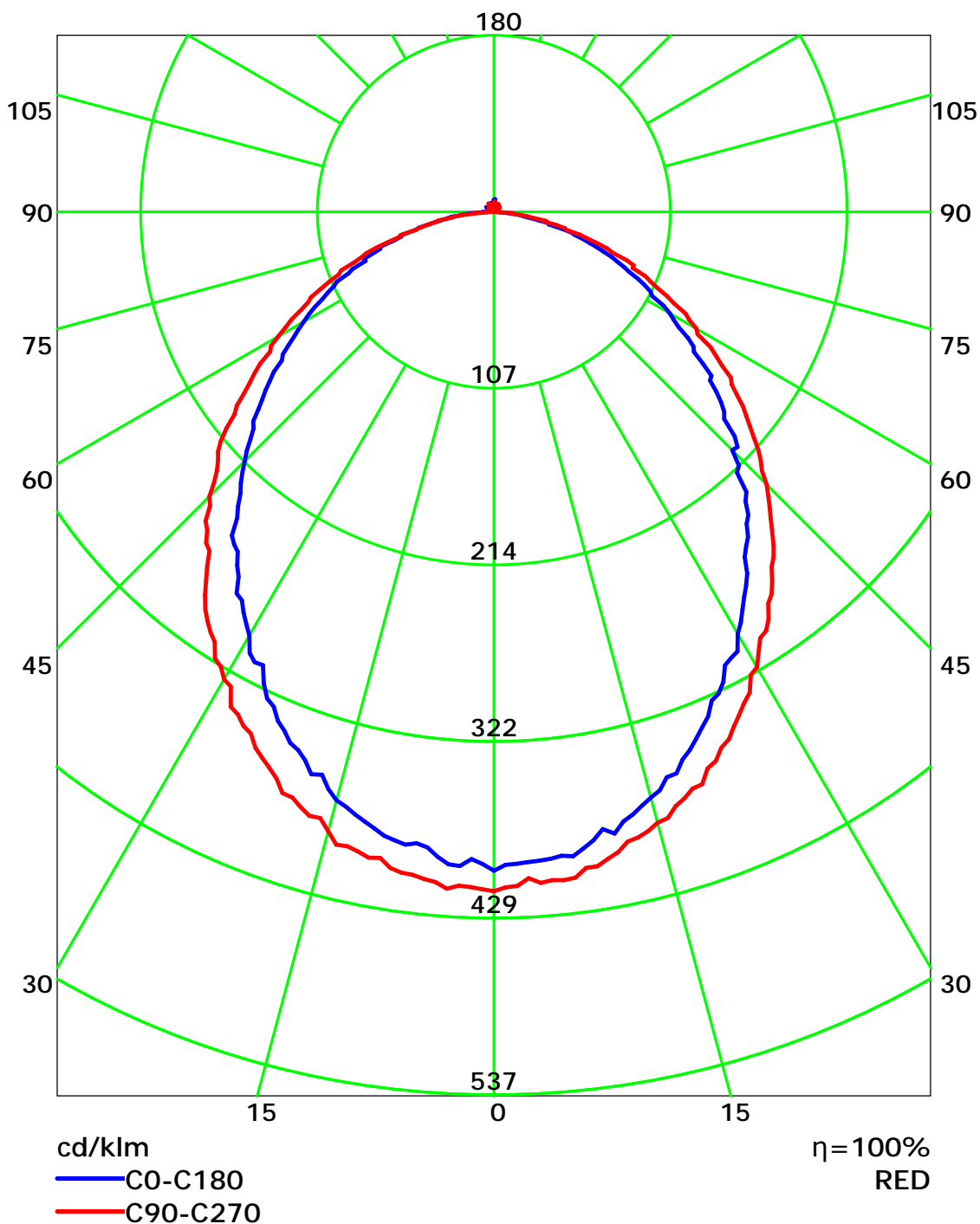
Luminous Intensity Distribution Curve



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:

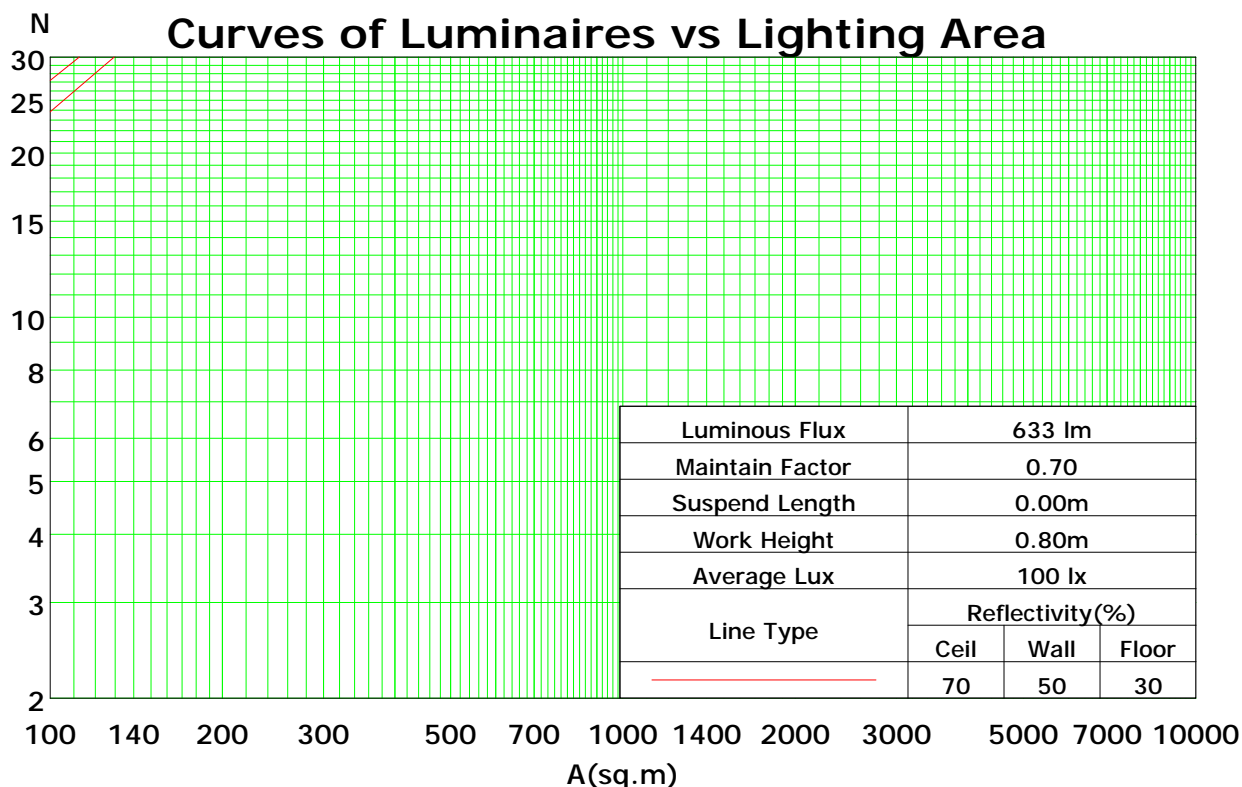
Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	63	58	54	52
5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	50	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	49	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	34	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

Spacing Criteria (0-180): 1.13

Spacing Criteria (90-270): 1.17

Spacing Criteria (Diagonal): 1.28



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

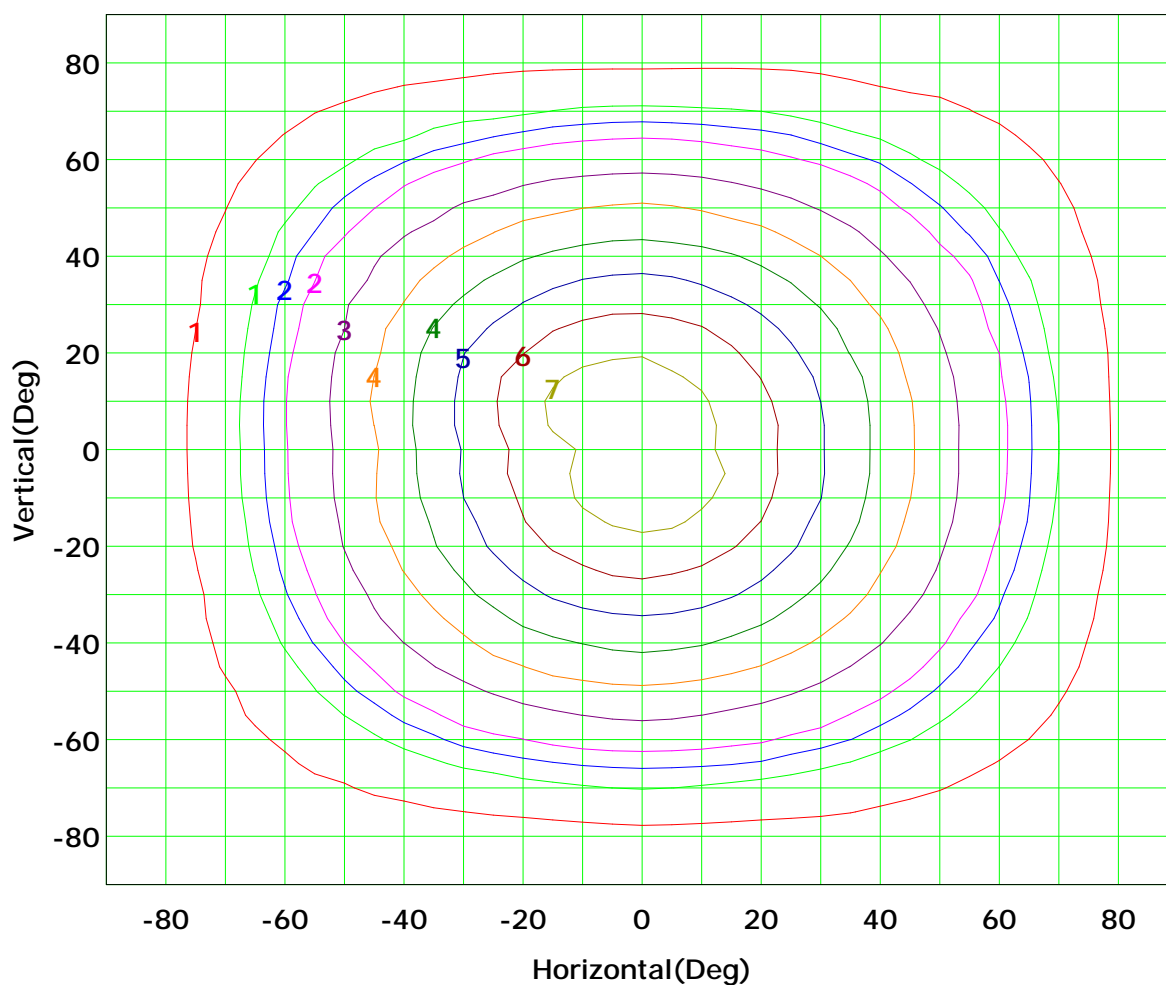
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



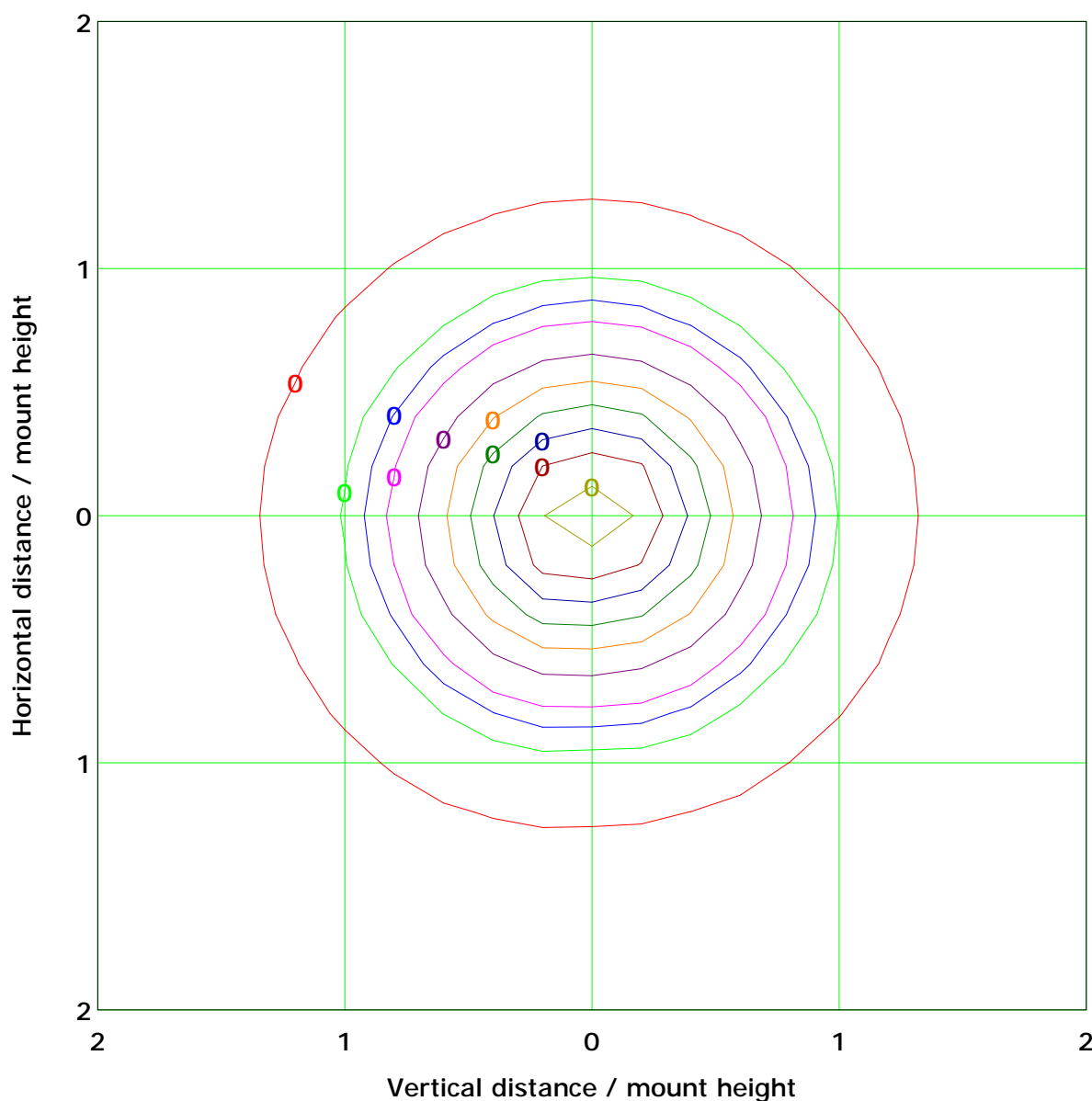
I_{max} (100%): 7 cd

— (10%):	1 cd	— (20%):	1 cd
— (25%):	2 cd	— (30%):	2 cd
— (40%):	3 cd	— (50%):	4 cd
— (60%):	4 cd	— (70%):	5 cd
— (80%):	6 cd	— (90%):	7 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%): 0.3 lx

(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.2 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.3 lx

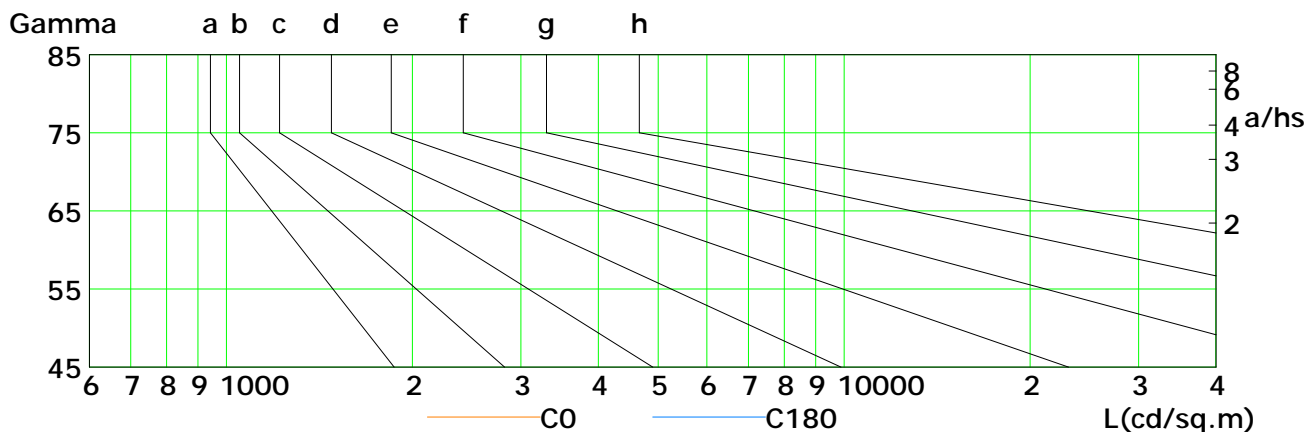
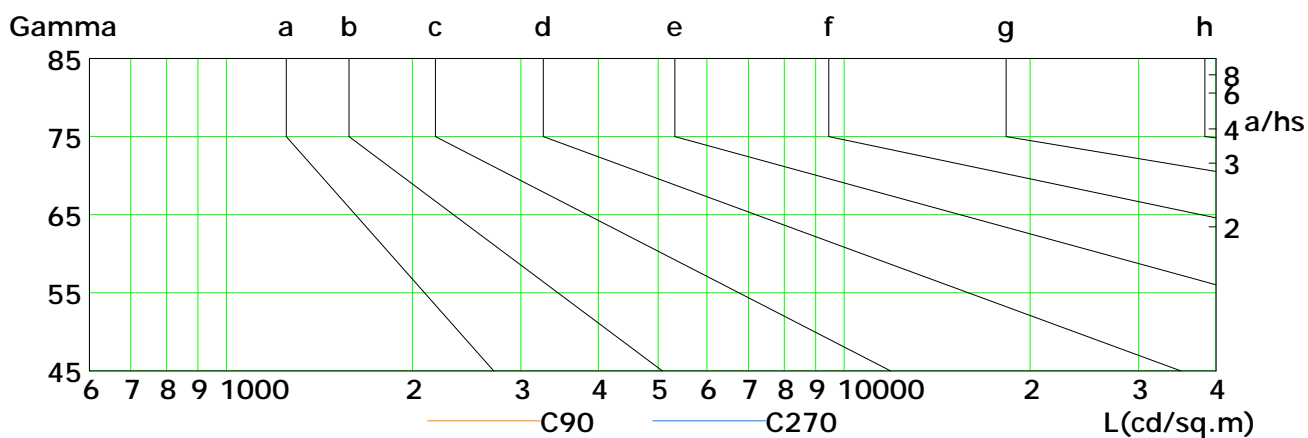
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

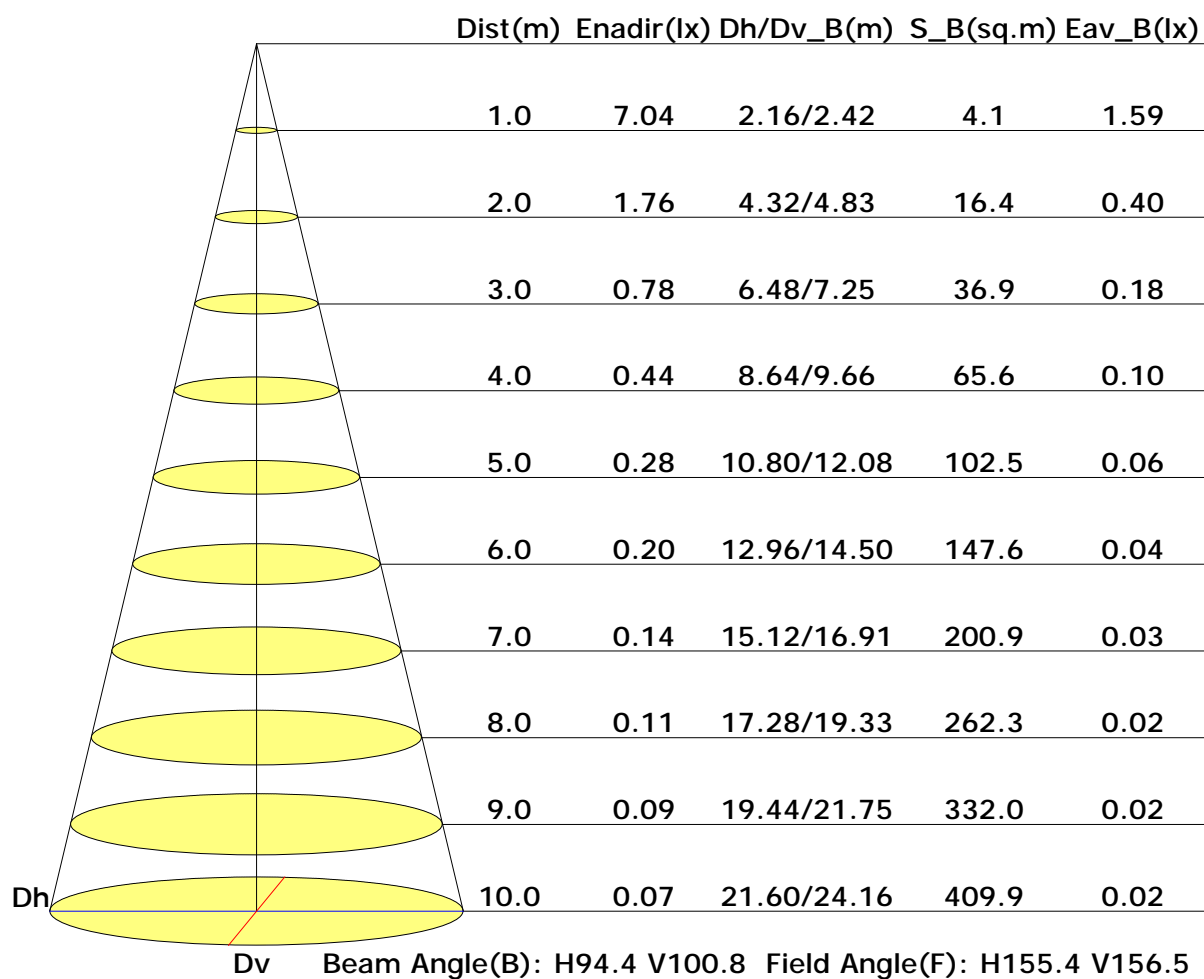


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	234	206	171	145	116	88	63	33	5
C90	493	460	435	391	343	313	238	183	90
C180	245	214	182	157	129	104	76	50	27
C270	515	491	449	416	384	332	263	202	108

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:

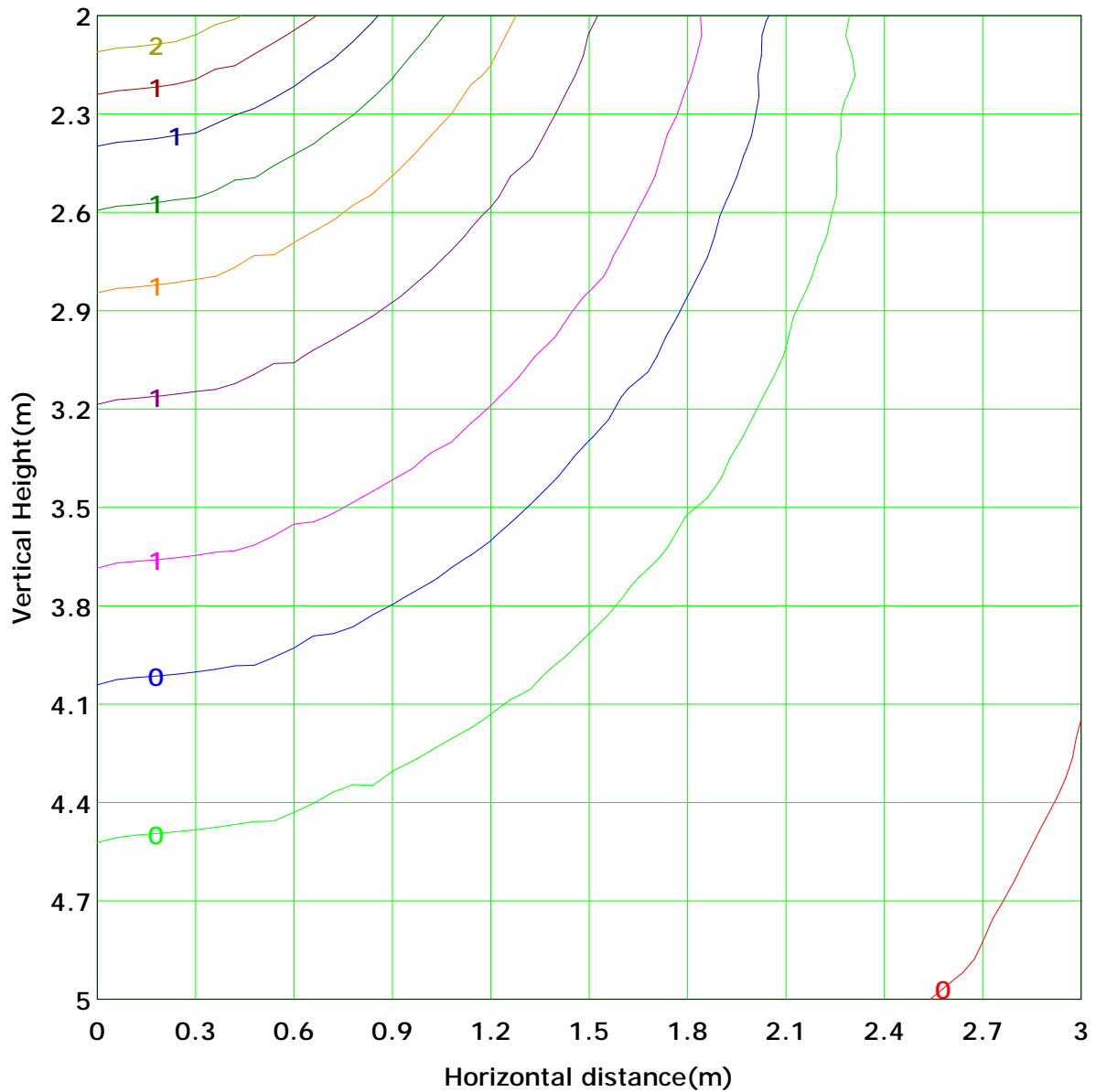
Illuminance at a Distance



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: 1.8 lx
(10%): 0.2 lx	(20%): 0.4 lx	(30%): 0.5 lx
(25%): 0.4 lx	(40%): 0.7 lx	(50%): 0.9 lx
(60%): 1.1 lx	(70%): 1.2 lx	(80%): 1.4 lx
(90%): 1.6 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

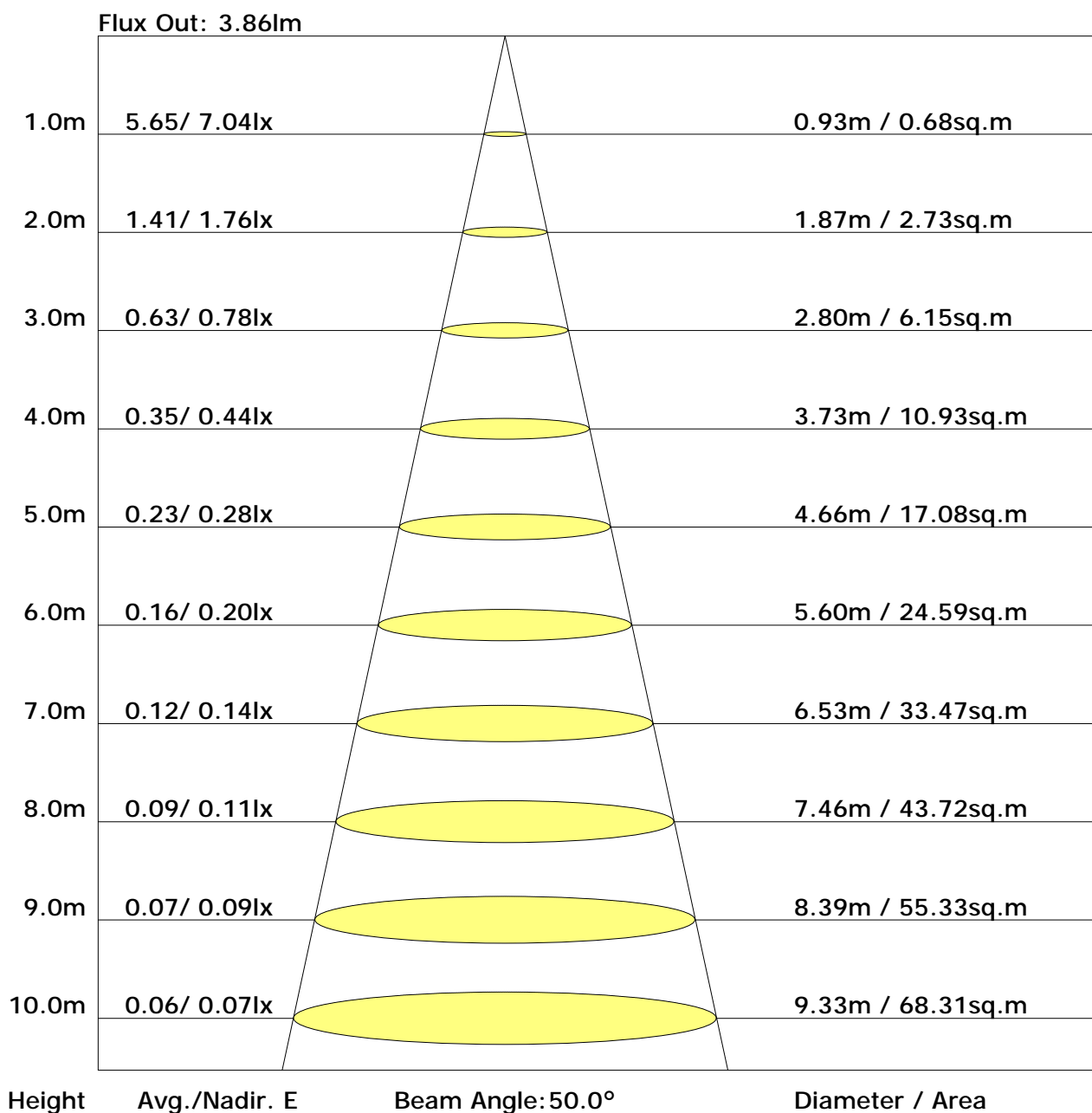
Unit: lm

		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	0.1	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	0.1	0.3	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	0.5	0.5	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	0.9	0.9	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	1.2	1.2	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	1.6	1.6	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	1.9	1.9	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	2.1	2.1	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	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	2.0	2.0	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	1.6	1.6	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	1.2	1.2	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	0.8	0.8	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	0.5	0.5	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	0.2	0.2	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
																					17	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:

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	21.2	22.8	21.6	23.1	23.4	20.1	21.6	20.4	22.0	22.3
3H	22.7	24.1	23.1	24.4	24.8	21.3	22.7	21.7	23.0	23.4
4H	23.1	24.5	23.5	24.8	25.2	21.6	23.0	22.0	23.3	23.7
6H	23.4	24.6	23.8	25.0	25.4	21.8	23.0	22.2	23.4	23.8
8H	23.4	24.6	23.9	25.0	25.4	21.8	23.0	22.2	23.4	23.8
12H	23.4	24.5	23.9	24.9	25.4	21.8	22.9	22.2	23.3	23.8
X=4H Y=2H	21.6	22.9	22.0	23.3	23.7	20.6	21.9	21.0	22.3	22.7
3H	23.2	24.3	23.6	24.7	25.1	22.0	23.1	22.4	23.5	23.9
4H	23.7	24.7	24.2	25.2	25.6	22.4	23.4	22.8	23.8	24.3
6H	24.1	24.9	24.5	25.4	25.9	22.6	23.5	23.1	23.9	24.4
8H	24.1	25.0	24.6	25.4	25.9	22.6	23.5	23.1	23.9	24.4
12H	24.2	24.9	24.7	25.4	25.9	22.6	23.4	23.1	23.9	24.4
X=8H Y=4H	23.8	24.7	24.3	25.1	25.6	22.6	23.4	23.0	23.8	24.3
6H	24.2	24.9	24.7	25.4	25.9	22.8	23.5	23.3	24.0	24.5
8H	24.3	24.9	24.8	25.4	26.0	22.9	23.5	23.4	24.0	24.5
12H	24.4	24.9	24.9	25.4	26.0	22.9	23.4	23.4	23.9	24.5
X=12H Y=4H	23.8	24.6	24.3	25.1	25.6	22.6	23.3	23.1	23.8	24.3
6H	24.2	24.8	24.8	25.3	25.9	22.8	23.5	23.4	23.9	24.5
8H	24.3	24.9	24.9	25.4	26.0	22.9	23.4	23.4	24.0	24.5

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	0.69	0.76	0.81	0.88	0.93	0.97	1.01	1.04
	0.30		0.52	0.62	0.69	0.75	0.83	0.88	0.92	0.97	1.00
	0.20		0.46	0.56	0.64	0.70	0.78	0.84	0.88	0.94	0.97
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.85	0.90	0.93	0.97	0.99
	0.30		0.51	0.61	0.68	0.73	0.80	0.85	0.89	0.94	0.97
	0.20		0.46	0.56	0.63	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.56	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.50	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.67	0.74	0.80	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.52	0.59	0.64	0.71	0.76	0.79	0.84	0.86
Rating: 1W 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	0.96	0.79	0.67	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.80	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20	
	0.20		0.68	0.59	0.52	0.46	0.38	0.32	0.28	0.22	0.19	
0.50	0.50	0.20	0.92	0.75	0.64	0.55	0.44	0.40	0.31	0.24	0.19	
	0.30		0.78	0.65	0.56	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.67	0.58	0.50	0.45	0.37	0.31	0.27	0.22	0.18	
0.30	0.50	0.20	0.89	0.72	0.61	0.53	0.42	0.35	0.29	0.23	0.19	
	0.30		0.76	0.64	0.55	0.48	0.39	0.32	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.00	0.00	0.00	0.56	0.47	0.40	0.35	0.28	0.24	0.20	0.16	0.13	
Rating: 1W 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	0.17	0.18	0.19	0.20	0.21	0.21	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	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: 1W 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	7.2	0.0	0.0	0.04	0.04
1.0-2.0	7.2	0.0	0.0	0.12	0.16
2.0-3.0	7.2	0.0	0.1	0.20	0.35
3.0-4.0	7.2	0.0	0.1	0.27	0.62
4.0-5.0	7.1	0.1	0.2	0.35	0.97
5.0-6.0	7.1	0.1	0.2	0.43	1.40
6.0-7.0	7.1	0.1	0.3	0.50	1.90
7.0-8.0	7.1	0.1	0.4	0.58	2.48
8.0-9.0	7.0	0.1	0.5	0.65	3.13
9.0-10.0	7.0	0.1	0.7	0.72	3.84
10.0-11.0	6.9	0.1	0.8	0.79	4.64
11.0-12.0	6.9	0.2	1.0	0.86	5.49
12.0-13.0	6.9	0.2	1.1	0.93	6.42
13.0-14.0	6.8	0.2	1.3	0.99	7.41
14.0-15.0	6.7	0.2	1.5	1.05	8.47
15.0-16.0	6.7	0.2	1.7	1.12	9.58
16.0-17.0	6.6	0.2	1.9	1.17	10.75
17.0-18.0	6.5	0.2	2.1	1.23	11.98
18.0-19.0	6.5	0.2	2.3	1.28	13.27
19.0-20.0	6.4	0.2	2.6	1.34	14.61
20.0-21.0	6.3	0.2	2.8	1.39	15.99
21.0-22.0	6.3	0.3	3.1	1.43	17.42
22.0-23.0	6.2	0.3	3.3	1.47	18.90
23.0-24.0	6.1	0.3	3.6	1.52	20.42
24.0-25.0	6.0	0.3	3.9	1.56	21.97
25.0-26.0	5.9	0.3	4.1	1.59	23.57
26.0-27.0	5.8	0.3	4.4	1.62	25.19
27.0-28.0	5.7	0.3	4.7	1.65	26.84
28.0-29.0	5.6	0.3	5.0	1.68	28.53
29.0-30.0	5.6	0.3	5.3	1.71	30.24
30.0-31.0	5.5	0.3	5.6	1.73	31.97
31.0-32.0	5.4	0.3	5.9	1.75	33.72
32.0-33.0	5.3	0.3	6.2	1.77	35.49
33.0-34.0	5.2	0.3	6.5	1.78	37.27
34.0-35.0	5.1	0.3	6.9	1.80	39.07
35.0-36.0	5.0	0.3	7.2	1.80	40.87

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	4.9	0.3	7.5	1.81	42.68
37.0-38.0	4.8	0.3	7.8	1.81	44.49
38.0-39.0	4.7	0.3	8.1	1.82	46.31
39.0-40.0	4.6	0.3	8.5	1.82	48.13
40.0-41.0	4.5	0.3	8.8	1.81	49.94
41.0-42.0	4.4	0.3	9.1	1.81	51.74
42.0-43.0	4.3	0.3	9.4	1.80	53.54
43.0-44.0	4.2	0.3	9.7	1.79	55.32
44.0-45.0	4.0	0.3	10.0	1.77	57.09
45.0-46.0	3.9	0.3	10.3	1.76	58.85
46.0-47.0	3.8	0.3	10.6	1.74	60.59
47.0-48.0	3.7	0.3	10.9	1.72	62.31
48.0-49.0	3.6	0.3	11.2	1.70	64.01
49.0-50.0	3.5	0.3	11.5	1.68	65.69
50.0-51.0	3.4	0.3	11.8	1.65	67.34
51.0-52.0	3.3	0.3	12.1	1.62	68.96
52.0-53.0	3.2	0.3	12.4	1.60	70.56
53.0-54.0	3.1	0.3	12.7	1.56	72.12
54.0-55.0	3.0	0.3	12.9	1.53	73.65
55.0-56.0	2.9	0.3	13.2	1.49	75.14
56.0-57.0	2.8	0.3	13.5	1.46	76.60
57.0-58.0	2.7	0.2	13.7	1.42	78.02
58.0-59.0	2.6	0.2	13.9	1.37	79.39
59.0-60.0	2.5	0.2	14.2	1.33	80.72
60.0-61.0	2.4	0.2	14.4	1.30	82.02
61.0-62.0	2.3	0.2	14.6	1.26	83.28
62.0-63.0	2.2	0.2	14.8	1.21	84.49
63.0-64.0	2.1	0.2	15.0	1.16	85.65
64.0-65.0	2.0	0.2	15.2	1.12	86.78
65.0-66.0	1.9	0.2	15.4	1.08	87.85
66.0-67.0	1.8	0.2	15.6	1.03	88.88
67.0-68.0	1.7	0.2	15.8	0.98	89.86
68.0-69.0	1.6	0.2	15.9	0.93	90.78
69.0-70.0	1.5	0.2	16.1	0.88	91.66
70.0-71.0	1.4	0.1	16.2	0.83	92.49
71.0-72.0	1.3	0.1	16.4	0.77	93.26

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	1.2	0.1	16.5	0.72	93.99
73.0-74.0	1.1	0.1	16.6	0.68	94.66
74.0-75.0	1.0	0.1	16.7	0.62	95.28
75.0-76.0	0.9	0.1	16.8	0.57	95.85
76.0-77.0	0.9	0.1	16.9	0.52	96.38
77.0-78.0	0.8	0.1	17.0	0.47	96.85
78.0-79.0	0.7	0.1	17.1	0.42	97.27
79.0-80.0	0.6	0.1	17.2	0.37	97.64
80.0-81.0	0.5	0.1	17.2	0.32	97.96
81.0-82.0	0.5	0.0	17.3	0.28	98.24
82.0-83.0	0.4	0.0	17.3	0.24	98.48
83.0-84.0	0.3	0.0	17.3	0.20	98.68
84.0-85.0	0.2	0.0	17.4	0.16	98.83
85.0-86.0	0.2	0.0	17.4	0.11	98.94
86.0-87.0	0.1	0.0	17.4	0.07	99.02
87.0-88.0	0.1	0.0	17.4	0.05	99.06
88.0-89.0	0.0	0.0	17.4	0.03	99.09
89.0-90.0	0.0	0.0	17.4	0.01	99.10
90.0-91.0	0.0	0.0	17.4	0.01	99.11
91.0-92.0	0.0	0.0	17.4	0.01	99.11
92.0-93.0	0.0	0.0	17.4	0.01	99.12
93.0-94.0	0.0	0.0	17.4	0.01	99.14
94.0-95.0	0.0	0.0	17.4	0.01	99.14
95.0-96.0	0.0	0.0	17.4	0.01	99.15
96.0-97.0	0.0	0.0	17.4	0.01	99.16
97.0-98.0	0.0	0.0	17.4	0.00	99.16
98.0-99.0	0.0	0.0	17.4	0.00	99.16
99.0-100.0	0.0	0.0	17.4	0.01	99.17
100.0-101.0	0.0	0.0	17.4	0.01	99.18
101.0-102.0	0.0	0.0	17.4	0.01	99.19
102.0-103.0	0.0	0.0	17.4	0.01	99.20
103.0-104.0	0.0	0.0	17.4	0.01	99.21
104.0-105.0	0.0	0.0	17.4	0.01	99.21
105.0-106.0	0.0	0.0	17.4	0.01	99.22
106.0-107.0	0.0	0.0	17.4	0.01	99.23
107.0-108.0	0.0	0.0	17.4	0.01	99.24

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	0.0	0.0	17.4	0.01	99.25
109.0-110.0	0.0	0.0	17.4	0.01	99.27
110.0-111.0	0.0	0.0	17.4	0.01	99.28
111.0-112.0	0.0	0.0	17.4	0.01	99.28
112.0-113.0	0.0	0.0	17.4	0.01	99.29
113.0-114.0	0.0	0.0	17.4	0.02	99.31
114.0-115.0	0.0	0.0	17.4	0.01	99.32
115.0-116.0	0.0	0.0	17.5	0.01	99.34
116.0-117.0	0.0	0.0	17.5	0.02	99.35
117.0-118.0	0.0	0.0	17.5	0.01	99.36
118.0-119.0	0.0	0.0	17.5	0.01	99.38
119.0-120.0	0.0	0.0	17.5	0.02	99.39
120.0-121.0	0.0	0.0	17.5	0.01	99.41
121.0-122.0	0.0	0.0	17.5	0.01	99.42
122.0-123.0	0.0	0.0	17.5	0.01	99.44
123.0-124.0	0.0	0.0	17.5	0.01	99.45
124.0-125.0	0.0	0.0	17.5	0.01	99.46
125.0-126.0	0.0	0.0	17.5	0.02	99.47
126.0-127.0	0.0	0.0	17.5	0.02	99.49
127.0-128.0	0.0	0.0	17.5	0.01	99.50
128.0-129.0	0.0	0.0	17.5	0.01	99.52
129.0-130.0	0.0	0.0	17.5	0.01	99.52
130.0-131.0	0.0	0.0	17.5	0.01	99.54
131.0-132.0	0.0	0.0	17.5	0.02	99.55
132.0-133.0	0.0	0.0	17.5	0.01	99.57
133.0-134.0	0.0	0.0	17.5	0.02	99.58
134.0-135.0	0.0	0.0	17.5	0.02	99.60
135.0-136.0	0.0	0.0	17.5	0.01	99.61
136.0-137.0	0.0	0.0	17.5	0.01	99.62
137.0-138.0	0.0	0.0	17.5	0.01	99.63
138.0-139.0	0.0	0.0	17.5	0.01	99.65
139.0-140.0	0.0	0.0	17.5	0.01	99.66
140.0-141.0	0.0	0.0	17.5	0.02	99.67
141.0-142.0	0.0	0.0	17.5	0.01	99.69
142.0-143.0	0.0	0.0	17.5	0.02	99.70
143.0-144.0	0.0	0.0	17.5	0.02	99.72

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	0.0	0.0	17.5	0.01	99.73
145.0-146.0	0.0	0.0	17.5	0.01	99.74
146.0-147.0	0.0	0.0	17.5	0.01	99.76
147.0-148.0	0.0	0.0	17.5	0.01	99.77
148.0-149.0	0.0	0.0	17.5	0.01	99.78
149.0-150.0	0.0	0.0	17.5	0.01	99.79
150.0-151.0	0.0	0.0	17.5	0.01	99.80
151.0-152.0	0.0	0.0	17.5	0.01	99.82
152.0-153.0	0.0	0.0	17.5	0.01	99.83
153.0-154.0	0.0	0.0	17.5	0.01	99.84
154.0-155.0	0.0	0.0	17.5	0.01	99.85
155.0-156.0	0.0	0.0	17.5	0.01	99.86
156.0-157.0	0.0	0.0	17.5	0.01	99.87
157.0-158.0	0.0	0.0	17.5	0.01	99.88
158.0-159.0	0.0	0.0	17.5	0.01	99.89
159.0-160.0	0.0	0.0	17.6	0.01	99.90
160.0-161.0	0.0	0.0	17.6	0.01	99.91
161.0-162.0	0.0	0.0	17.6	0.01	99.91
162.0-163.0	0.0	0.0	17.6	0.01	99.92
163.0-164.0	0.0	0.0	17.6	0.01	99.93
164.0-165.0	0.1	0.0	17.6	0.01	99.94
165.0-166.0	0.1	0.0	17.6	0.01	99.95
166.0-167.0	0.0	0.0	17.6	0.01	99.95
167.0-168.0	0.0	0.0	17.6	0.01	99.96
168.0-169.0	0.0	0.0	17.6	0.01	99.96
169.0-170.0	0.0	0.0	17.6	0.00	99.97
170.0-171.0	0.0	0.0	17.6	0.01	99.97
171.0-172.0	0.1	0.0	17.6	0.01	99.98
172.0-173.0	0.1	0.0	17.6	0.00	99.98
173.0-174.0	0.1	0.0	17.6	0.00	99.99
174.0-175.0	0.1	0.0	17.6	0.00	99.99
175.0-176.0	0.1	0.0	17.6	0.00	100.00
176.0-177.0	0.1	0.0	17.6	0.00	100.00
177.0-178.0	0.1	0.0	17.6	0.00	100.00
178.0-179.0	0.1	0.0	17.6	0.00	100.00
179.0-180.0	0.1	0.0	17.6	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: