

Report No.: 20230310

Test Time: 2023/3/13 11:12

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Acolyte

Luminaire Description: Scroll 35 pendants fixture Static White 0.118A

Luminous Length (mm): 300

Luminous Width (mm): 35

Luminous Height (mm): 37.5

Voltage: 32.6 V

Current: 0.118 A

Power: 3.85 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 224.2 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H157.5,H100.4

Vertical Diffuse Angle(10%,50%): V157.5,V98.4

Luminaire Efficacy Rating (LER): 58

Max. Intensity: 89.45 cd

Total Rated Lamp Lumens: 224.2 lm

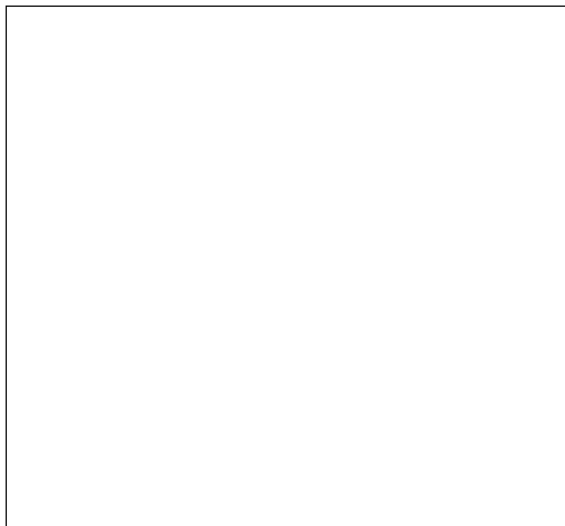
Efficiency: 100%

Upward Ratio: 1%

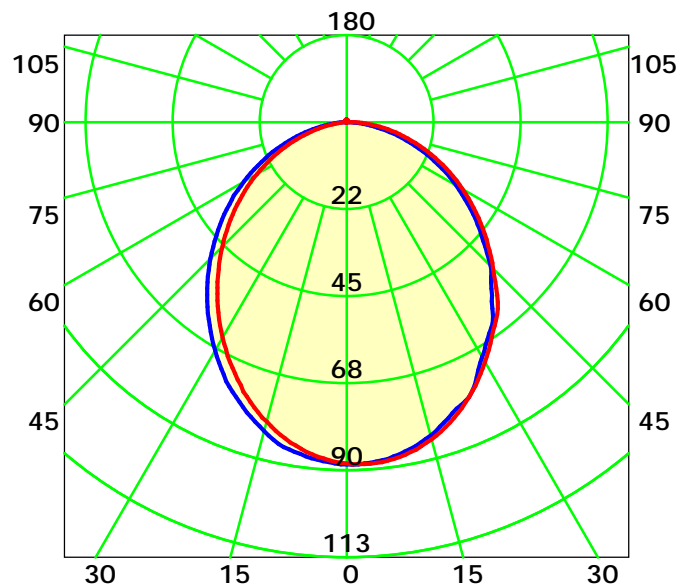
Central Intensity: 89.31 cd

Pos of Max. Intensity: H90 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 99.4° 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

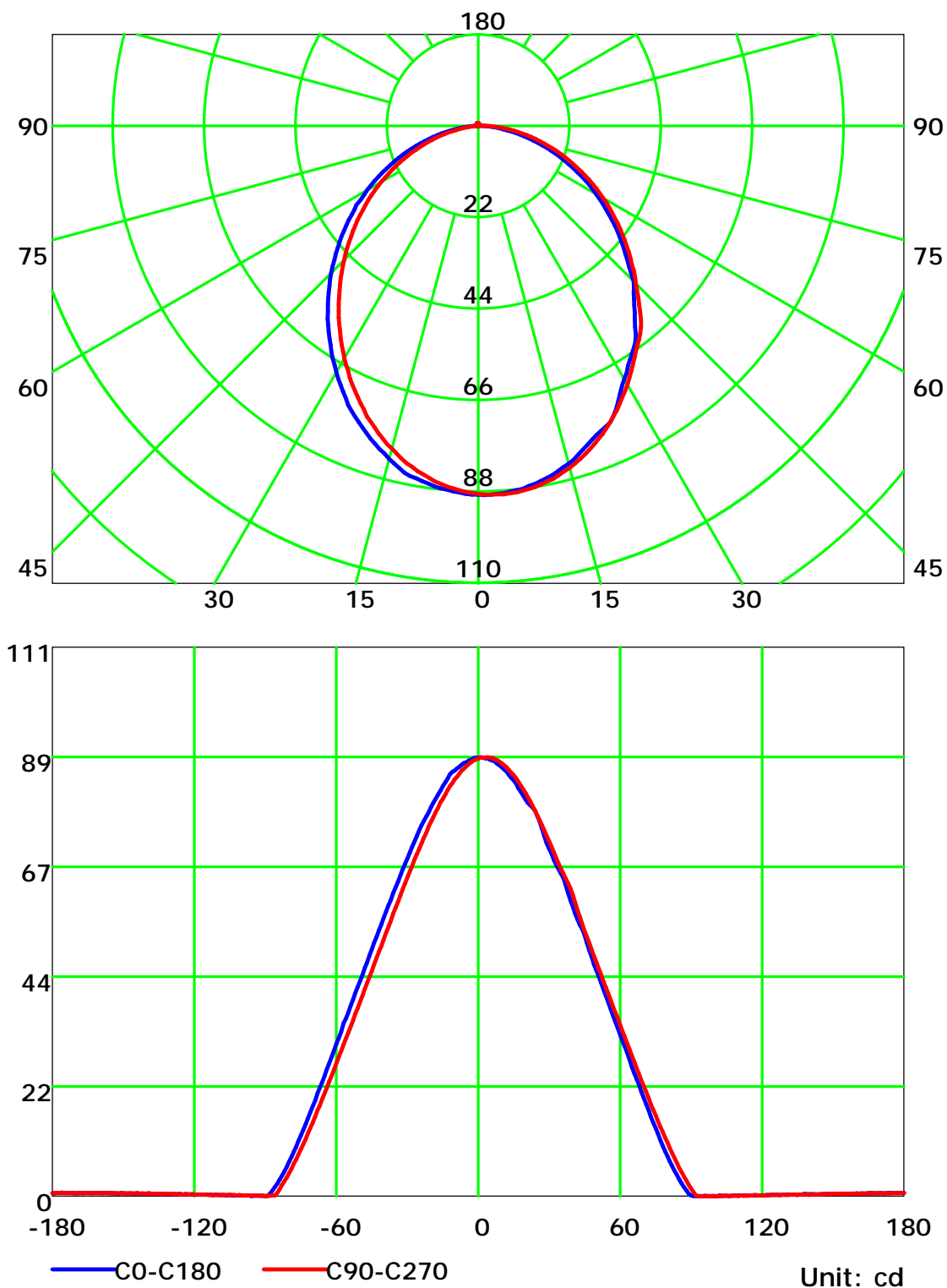
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

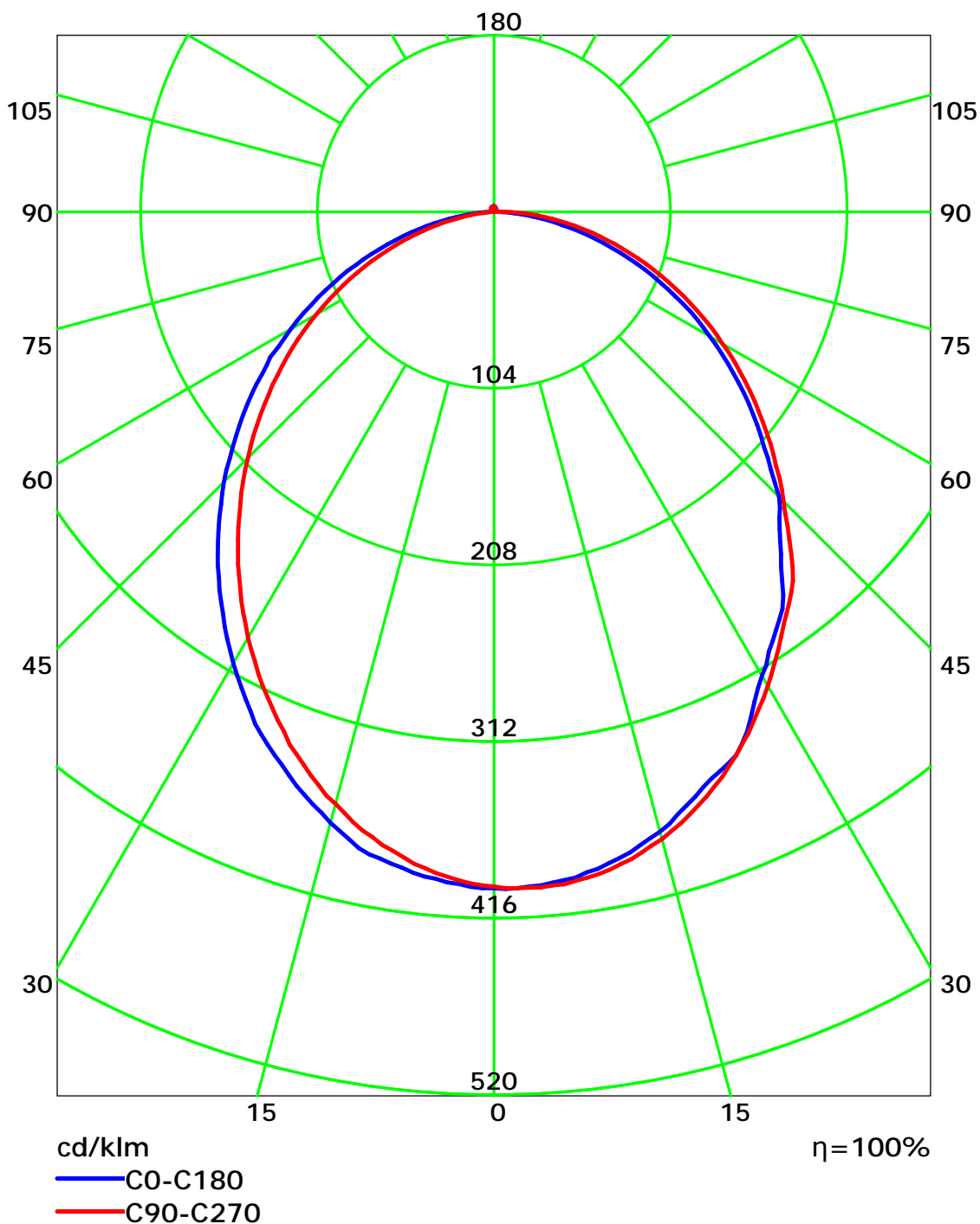
Luminous Intensity Distribution Curve



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:

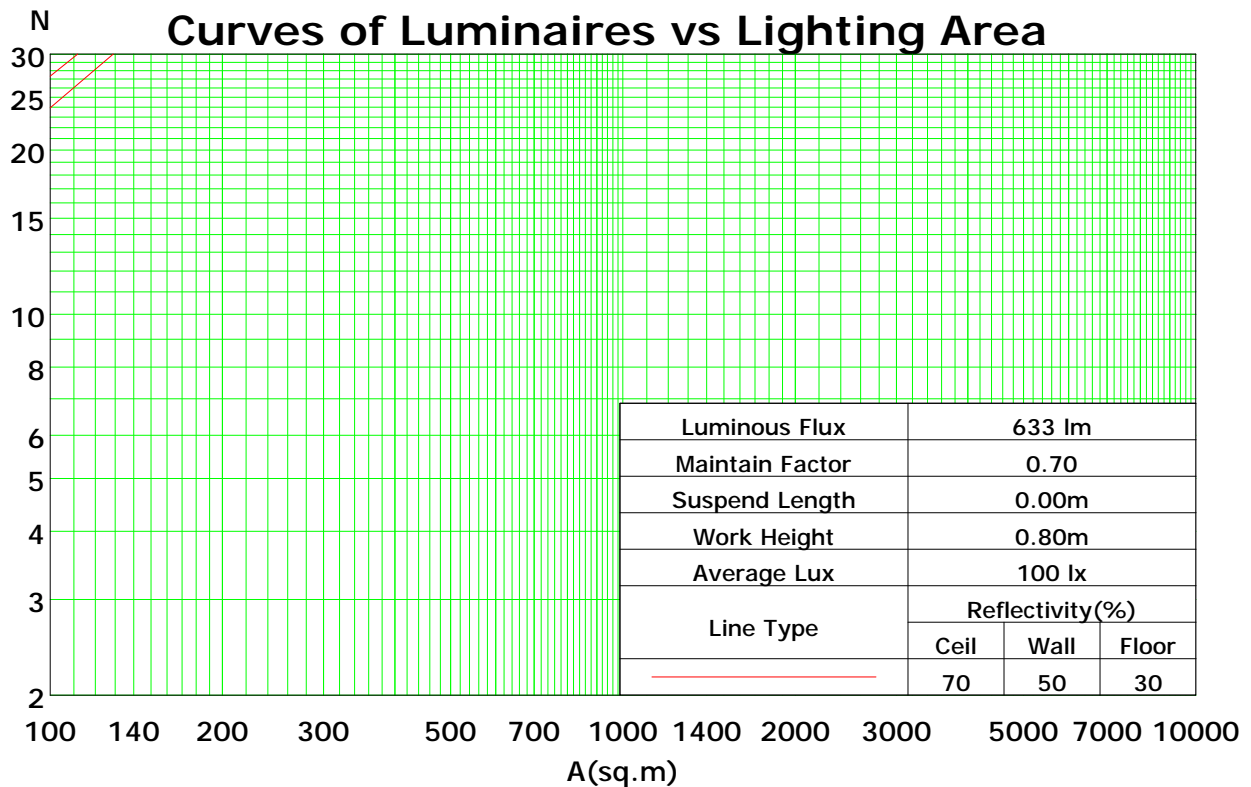
Coefficients Of Utilization - Zonal Cavity Method

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	96	106	102	98	95	97	94	91	93	91	88	90	88	86	84
2	99	91	85	79	97	89	83	78	86	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	66	62	60
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	53	51
5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	38	33	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	37	32	27	26

Spacing Criteria (0-180): 1.17

Spacing Criteria (90-270): 1.16

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

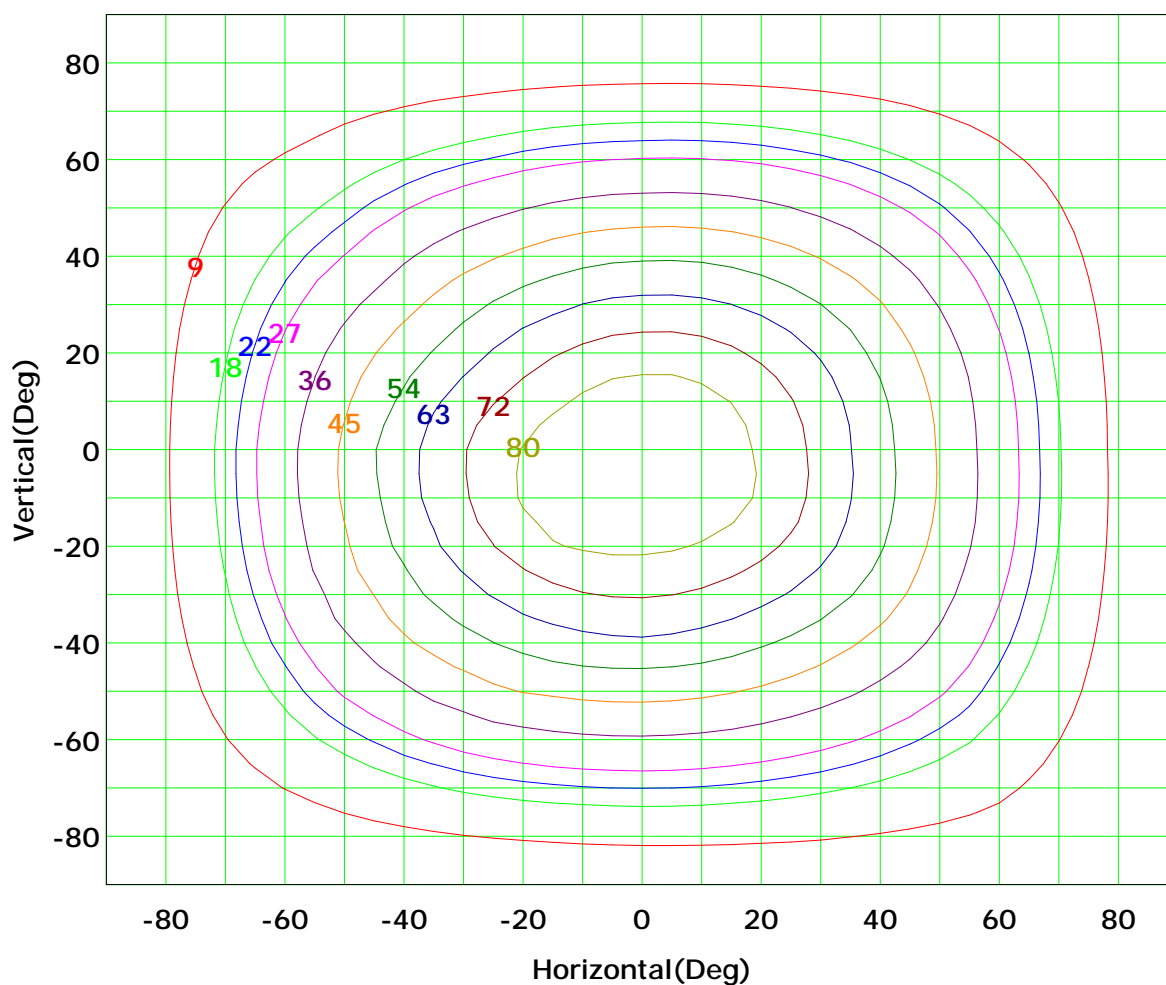
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



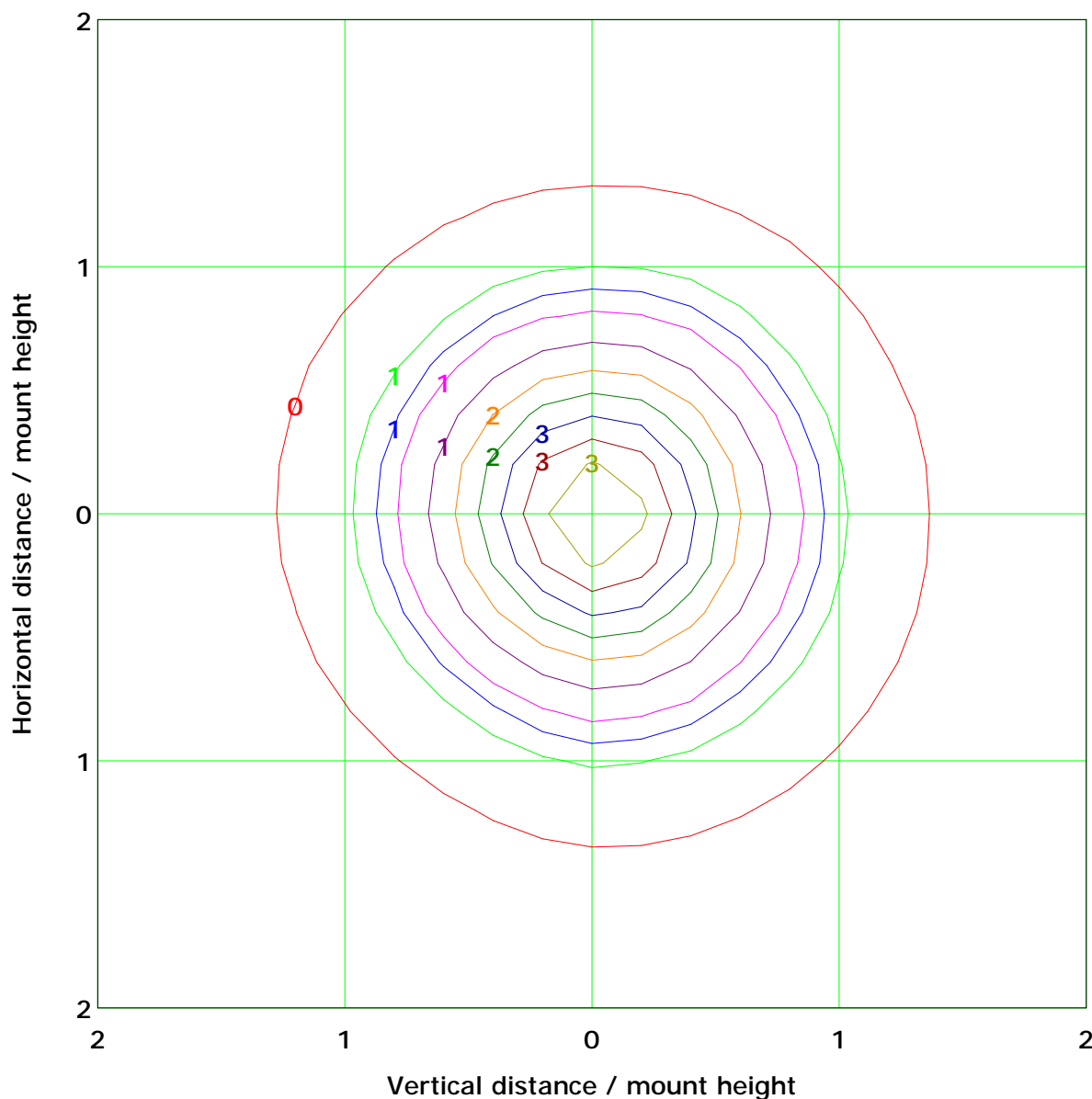
I_{max} (100%): 89 cd

(10%):	9 cd	(20%):	18 cd
(25%):	22 cd	(30%):	27 cd
(40%):	36 cd	(50%):	45 cd
(60%):	54 cd	(70%):	63 cd
(80%):	72 cd	(90%):	80 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%): 3.6 lx

(10%): 0.4 lx	(20%): 0.7 lx
(25%): 0.9 lx	(30%): 1.1 lx
(40%): 1.4 lx	(50%): 1.8 lx
(60%): 2.1 lx	(70%): 2.5 lx
(80%): 2.9 lx	(90%): 3.2 lx

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

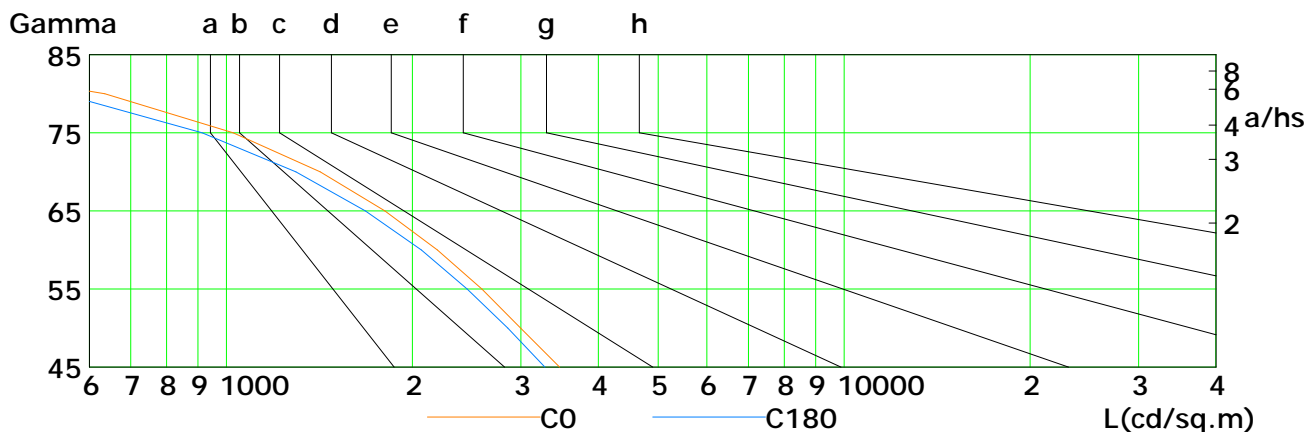
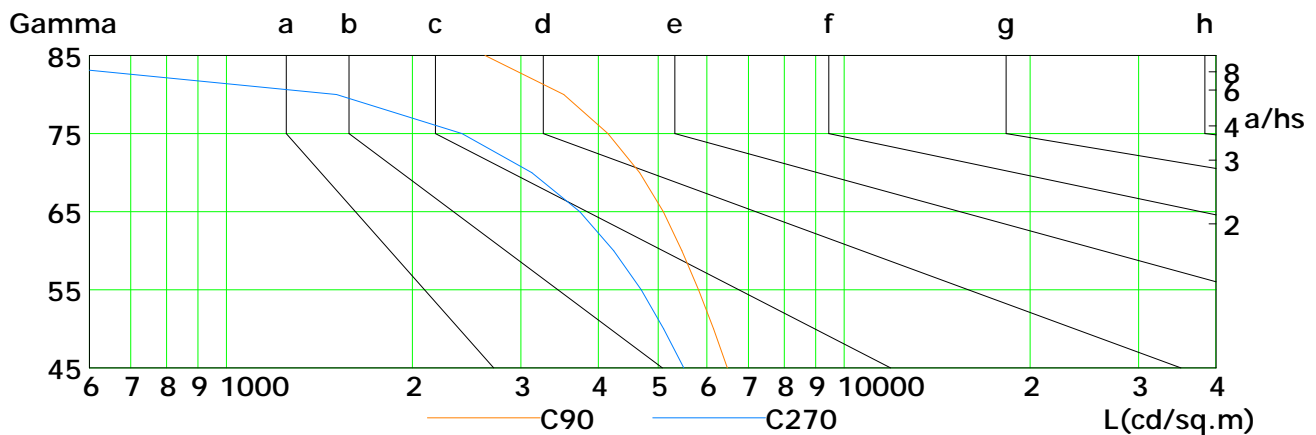
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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



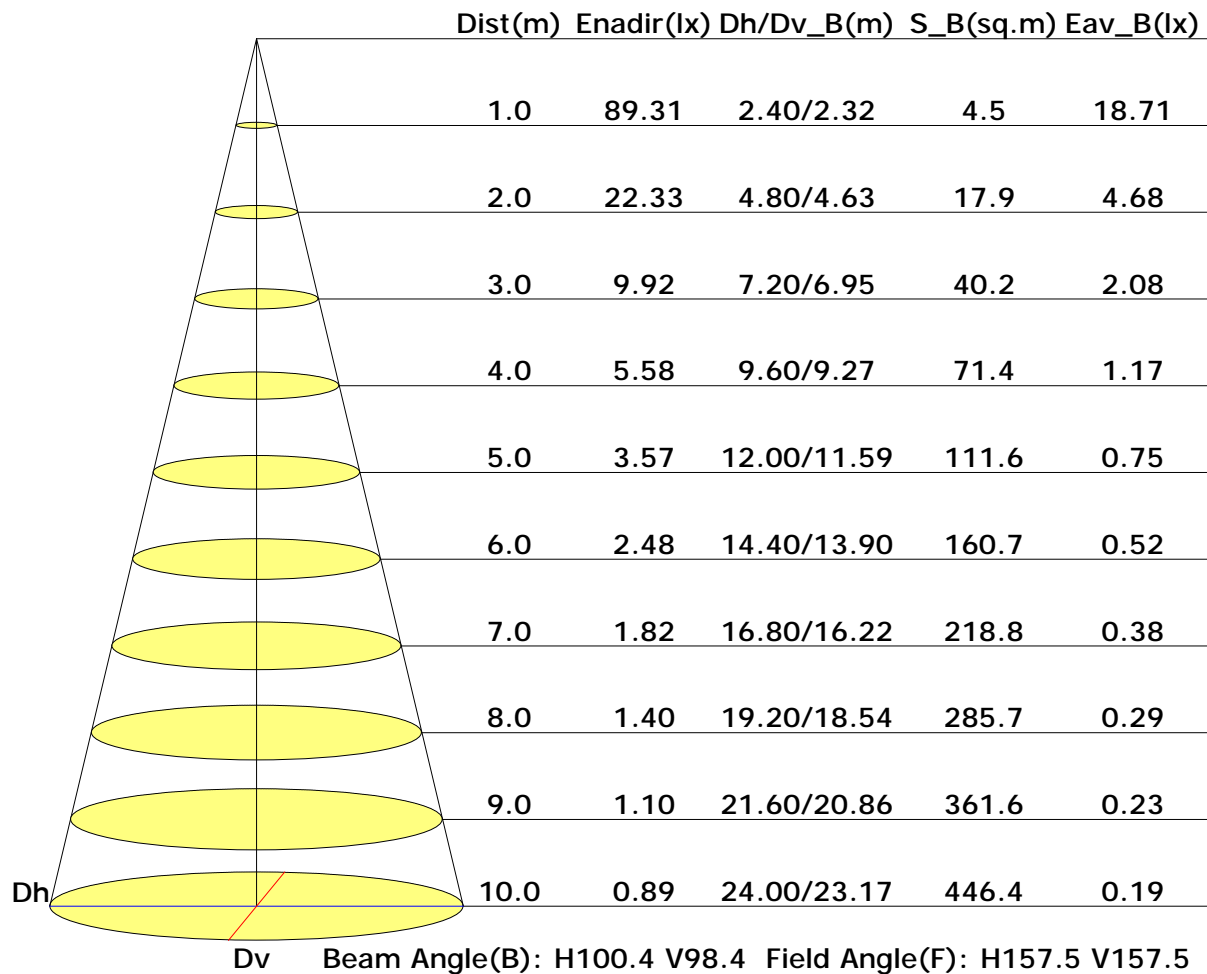
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3464	2995	2592	2195	1805	1419	1026	636	289
C90	6472	6146	5815	5461	5097	4666	4150	3517	2623
C180	3280	2856	2452	2068	1679	1296	914	543	214
C270	5502	5108	4693	4240	3736	3122	2406	1508	346

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:



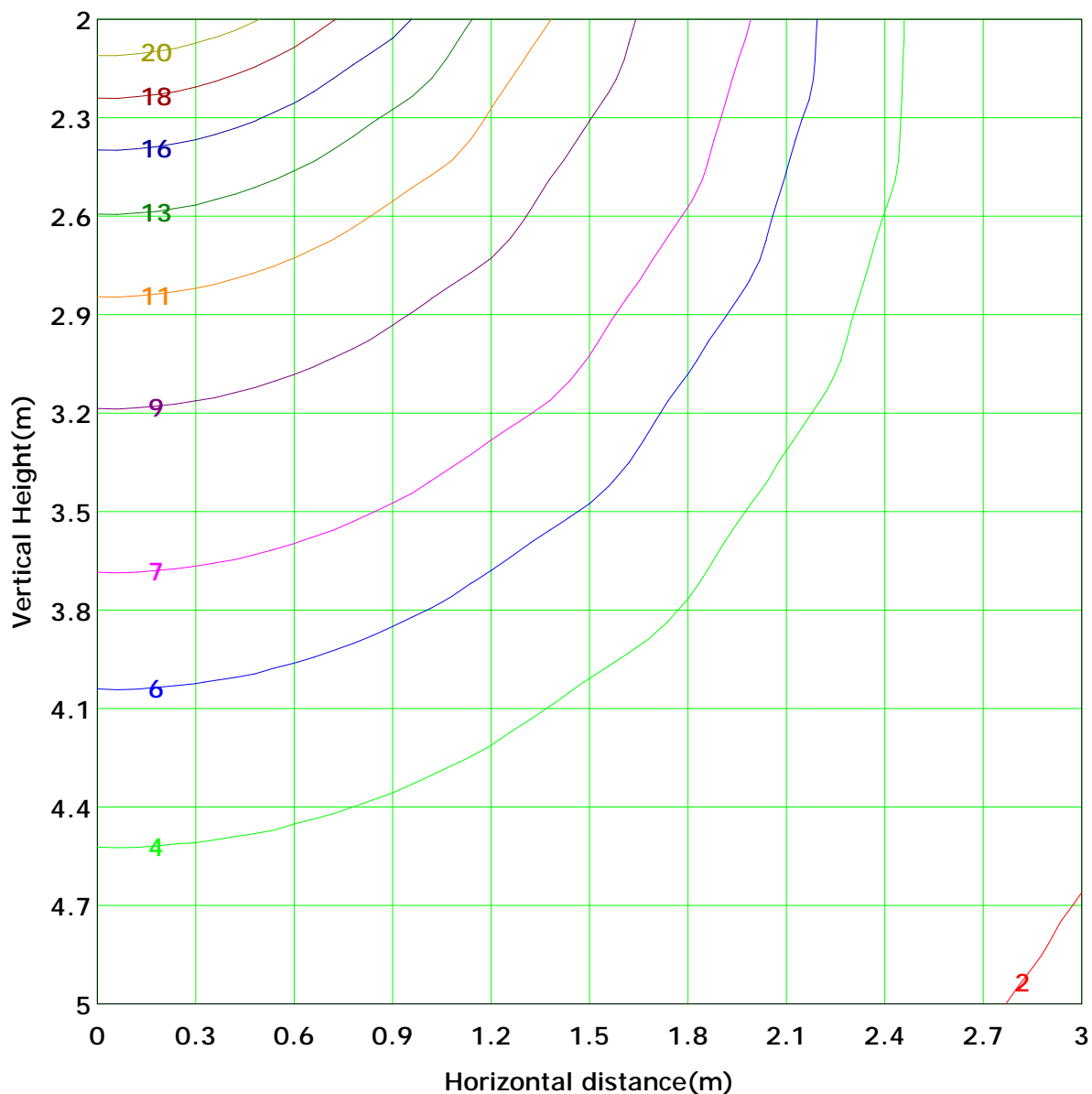
Illuminance at a Distance



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: 22.3 lx
(10%): 2.2 lx	(20%): 4.5 lx	
(25%): 5.6 lx	(30%): 6.7 lx	
(40%): 8.9 lx	(50%): 11.2 lx	
(60%): 13.4 lx	(70%): 15.6 lx	
(80%): 17.9 lx	(90%): 20.1 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

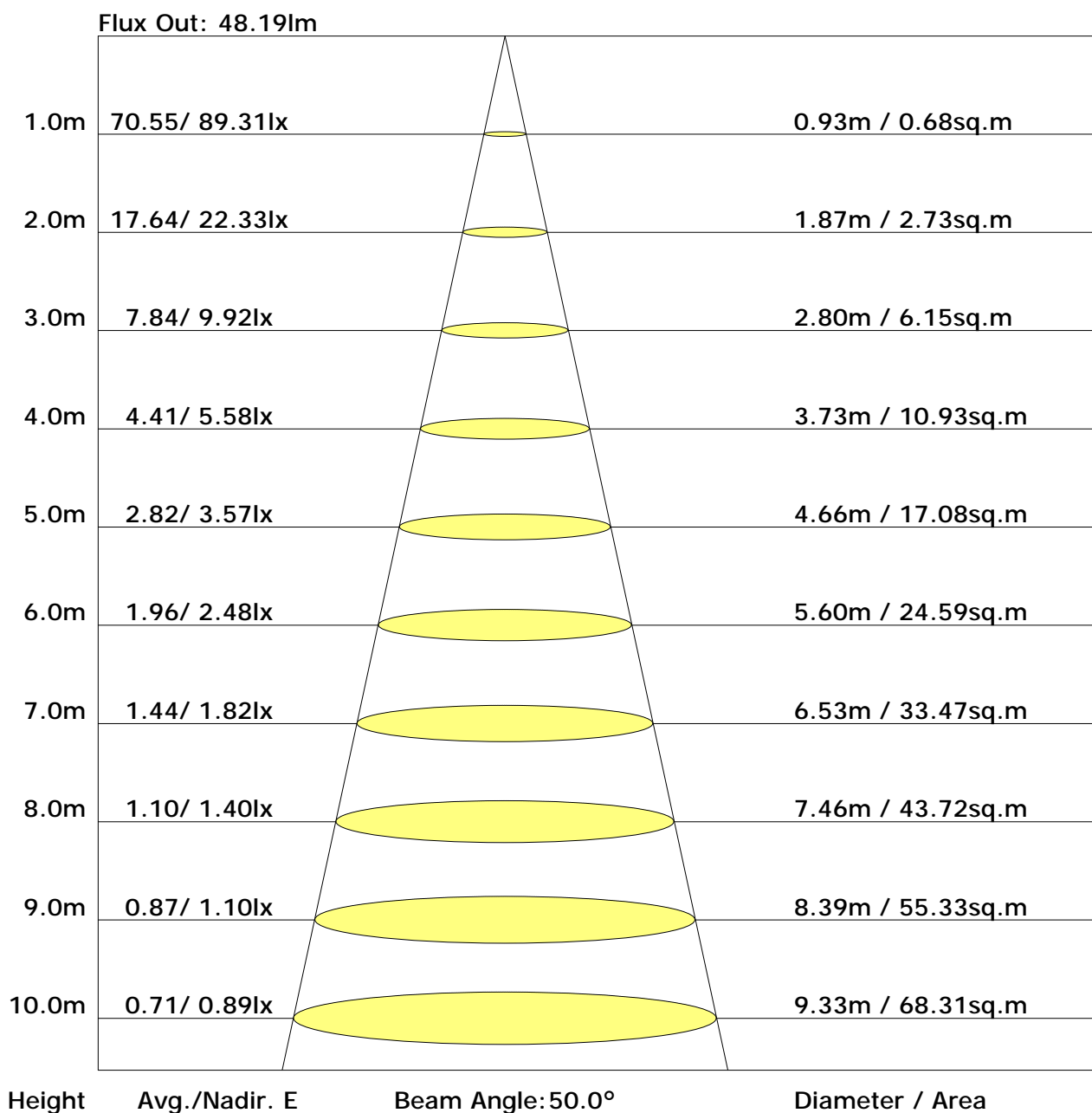
Unit: lm

Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(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	0.1	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	1.1	0.7
	-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	3.5	3.2
	-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	7.1	6.8
	-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	11.5	11.3
	-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	16.3	16.1
	-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	20.9	20.6
	-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	24.4	24.2
	-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	26.4	26.1
	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	26.3	26.0
	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	24.3	24.0
	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	20.7	20.4
	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	16.2	15.9
	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	11.4	11.1
	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	7.0	6.7
	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	3.5	3.2
	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	1.2	0.8
	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
	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	222	217
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

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:

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	21.7	23.2	22.0	23.6	23.9	20.7	22.3	21.1	22.6	23.0
3H	23.3	24.7	23.7	25.1	25.5	22.1	23.5	22.5	23.9	24.3
4H	23.9	25.2	24.3	25.6	26.0	22.6	23.9	23.0	24.3	24.7
6H	24.3	25.5	24.7	25.9	26.3	22.9	24.1	23.3	24.5	24.9
8H	24.4	25.5	24.8	26.0	26.4	23.0	24.2	23.4	24.6	25.0
12H	24.4	25.5	24.9	25.9	26.4	23.0	24.2	23.5	24.6	25.0
X=4H Y=2H	22.0	23.3	22.4	23.7	24.1	21.3	22.7	21.7	23.0	23.4
3H	23.7	24.9	24.2	25.3	25.7	22.9	24.0	23.3	24.4	24.9
4H	24.4	25.4	24.8	25.8	26.3	23.5	24.5	23.9	24.9	25.4
6H	24.9	25.7	25.3	26.2	26.7	23.9	24.8	24.4	25.2	25.7
8H	25.0	25.8	25.5	26.3	26.8	24.0	24.8	24.5	25.3	25.8
12H	25.1	25.8	25.6	26.3	26.8	24.1	24.8	24.6	25.3	25.8
X=8H Y=4H	24.5	25.3	24.9	25.8	26.2	23.7	24.6	24.2	25.0	25.5
6H	25.0	25.7	25.5	26.2	26.7	24.2	24.9	24.8	25.4	25.9
8H	25.1	25.7	25.7	26.3	26.8	24.4	25.0	24.9	25.5	26.1
12H	25.2	25.8	25.8	26.3	26.9	24.5	25.1	25.1	25.6	26.2
X=12H Y=4H	24.5	25.2	25.0	25.7	26.2	23.8	24.5	24.3	25.0	25.5
6H	25.0	25.6	25.5	26.1	26.6	24.3	24.9	24.8	25.4	25.9
8H	25.1	25.7	25.7	26.2	26.8	24.5	25.0	25.0	25.5	26.1

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	0.96	1.01	1.04
	0.30		0.51	0.61	0.69	0.74	0.82	0.88	0.92	0.97	1.00
	0.20		0.46	0.56	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.67	0.73	0.78	0.85	0.89	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.89	0.93	0.96
	0.20		0.45	0.55	0.62	0.68	0.76	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93
	0.20		0.45	0.54	0.61	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.52	0.59	0.63	0.70	0.75	0.79	0.83	0.86
<p>Rating: 4W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.81	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.59	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.40	0.32	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.30	0.23	0.19	
	0.20		0.68	0.58	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	0.64	0.55	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.00	0.00	0.00	0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.16	0.13	
Rating: 4W 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	0.22	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	0.18	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: 4W 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	89.2	0.1	0.1	0.04	0.04
1.0-2.0	89.2	0.3	0.3	0.11	0.15
2.0-3.0	89.0	0.4	0.8	0.19	0.34
3.0-4.0	88.9	0.6	1.4	0.27	0.61
4.0-5.0	88.7	0.8	2.1	0.34	0.95
5.0-6.0	88.4	0.9	3.1	0.41	1.36
6.0-7.0	88.1	1.1	4.1	0.49	1.85
7.0-8.0	87.8	1.3	5.4	0.56	2.41
8.0-9.0	87.4	1.4	6.8	0.63	3.04
9.0-10.0	87.0	1.6	8.4	0.70	3.75
10.0-11.0	86.5	1.7	10.1	0.77	4.52
11.0-12.0	86.0	1.9	12.0	0.84	5.35
12.0-13.0	85.4	2.0	14.0	0.90	6.26
13.0-14.0	84.7	2.2	16.2	0.97	7.23
14.0-15.0	84.0	2.3	18.5	1.03	8.25
15.0-16.0	83.3	2.4	20.9	1.09	9.34
16.0-17.0	82.5	2.6	23.5	1.15	10.49
17.0-18.0	81.7	2.7	26.2	1.20	11.69
18.0-19.0	80.9	2.8	29.0	1.26	12.95
19.0-20.0	80.1	2.9	32.0	1.31	14.25
20.0-21.0	79.2	3.0	35.0	1.36	15.61
21.0-22.0	78.4	3.2	38.2	1.41	17.02
22.0-23.0	77.5	3.3	41.4	1.45	18.47
23.0-24.0	76.6	3.4	44.8	1.49	19.96
24.0-25.0	75.6	3.4	48.2	1.53	21.50
25.0-26.0	74.5	3.5	51.7	1.57	23.07
26.0-27.0	73.4	3.6	55.3	1.60	24.67
27.0-28.0	72.1	3.7	59.0	1.63	26.30
28.0-29.0	70.9	3.7	62.7	1.66	27.95
29.0-30.0	69.8	3.8	66.4	1.68	29.63
30.0-31.0	68.7	3.8	70.3	1.70	31.34
31.0-32.0	67.5	3.9	74.1	1.73	33.07
32.0-33.0	66.4	3.9	78.0	1.75	34.81
33.0-34.0	65.2	3.9	82.0	1.76	36.57
34.0-35.0	64.0	4.0	86.0	1.77	38.35
35.0-36.0	62.9	4.0	90.0	1.79	40.13

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	61.6	4.0	94.0	1.79	41.93
37.0-38.0	60.3	4.0	98.0	1.80	43.72
38.0-39.0	59.1	4.0	102.0	1.80	45.52
39.0-40.0	57.8	4.0	106.1	1.80	47.32
40.0-41.0	56.6	4.0	110.1	1.80	49.12
41.0-42.0	55.4	4.0	114.1	1.79	50.91
42.0-43.0	54.1	4.0	118.1	1.79	52.70
43.0-44.0	52.8	4.0	122.1	1.78	54.48
44.0-45.0	51.5	4.0	126.1	1.76	56.24
45.0-46.0	50.1	3.9	130.0	1.75	57.99
46.0-47.0	48.8	3.9	133.9	1.73	59.72
47.0-48.0	47.5	3.8	137.7	1.71	61.44
48.0-49.0	46.3	3.8	141.5	1.70	63.13
49.0-50.0	45.0	3.8	145.3	1.67	64.81
50.0-51.0	43.7	3.7	149.0	1.65	66.46
51.0-52.0	42.4	3.6	152.6	1.62	68.08
52.0-53.0	41.1	3.6	156.2	1.60	69.67
53.0-54.0	39.9	3.5	159.7	1.57	71.24
54.0-55.0	38.6	3.4	163.2	1.54	72.78
55.0-56.0	37.2	3.4	166.5	1.50	74.28
56.0-57.0	35.9	3.3	169.8	1.47	75.75
57.0-58.0	34.7	3.2	173.0	1.43	77.18
58.0-59.0	33.5	3.1	176.2	1.40	78.58
59.0-60.0	32.2	3.0	179.2	1.36	79.93
60.0-61.0	30.9	2.9	182.1	1.31	81.25
61.0-62.0	29.6	2.9	185.0	1.27	82.52
62.0-63.0	28.4	2.8	187.8	1.23	83.75
63.0-64.0	27.1	2.7	190.4	1.19	84.94
64.0-65.0	25.8	2.6	193.0	1.14	86.08
65.0-66.0	24.6	2.5	195.4	1.10	87.17
66.0-67.0	23.3	2.3	197.8	1.05	88.22
67.0-68.0	22.1	2.2	200.0	1.00	89.22
68.0-69.0	20.8	2.1	202.1	0.95	90.17
69.0-70.0	19.6	2.0	204.2	0.90	91.07
70.0-71.0	18.4	1.9	206.1	0.85	91.91
71.0-72.0	17.2	1.8	207.8	0.80	92.71

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	16.0	1.7	209.5	0.75	93.46
73.0-74.0	14.8	1.6	211.1	0.70	94.15
74.0-75.0	13.7	1.4	212.5	0.64	94.80
75.0-76.0	12.5	1.3	213.9	0.59	95.39
76.0-77.0	11.4	1.2	215.1	0.54	95.94
77.0-78.0	10.3	1.1	216.2	0.49	96.43
78.0-79.0	9.3	1.0	217.2	0.44	96.88
79.0-80.0	8.2	0.9	218.1	0.40	97.27
80.0-81.0	7.2	0.8	218.8	0.35	97.62
81.0-82.0	6.3	0.7	219.5	0.30	97.92
82.0-83.0	5.3	0.6	220.1	0.26	98.18
83.0-84.0	4.4	0.5	220.6	0.22	98.40
84.0-85.0	3.6	0.4	221.0	0.18	98.57
85.0-86.0	2.8	0.3	221.3	0.14	98.71
86.0-87.0	2.2	0.2	221.5	0.11	98.81
87.0-88.0	1.6	0.2	221.7	0.08	98.89
88.0-89.0	1.2	0.1	221.8	0.06	98.95
89.0-90.0	0.8	0.1	221.9	0.04	98.99
90.0-91.0	0.5	0.1	222.0	0.02	99.02
91.0-92.0	0.3	0.0	222.0	0.01	99.03
92.0-93.0	0.1	0.0	222.0	0.01	99.04
93.0-94.0	0.1	0.0	222.0	0.01	99.04
94.0-95.0	0.1	0.0	222.0	0.01	99.05
95.0-96.0	0.1	0.0	222.1	0.01	99.05
96.0-97.0	0.1	0.0	222.1	0.01	99.06
97.0-98.0	0.2	0.0	222.1	0.01	99.07
98.0-99.0	0.1	0.0	222.1	0.01	99.08
99.0-100.0	0.1	0.0	222.1	0.01	99.08
100.0-101.0	0.2	0.0	222.1	0.01	99.09
101.0-102.0	0.2	0.0	222.2	0.01	99.10
102.0-103.0	0.2	0.0	222.2	0.01	99.11
103.0-104.0	0.2	0.0	222.2	0.01	99.12
104.0-105.0	0.2	0.0	222.2	0.01	99.13
105.0-106.0	0.2	0.0	222.2	0.01	99.14
106.0-107.0	0.2	0.0	222.3	0.01	99.15
107.0-108.0	0.2	0.0	222.3	0.01	99.16

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	0.2	0.0	222.3	0.01	99.17
109.0-110.0	0.2	0.0	222.3	0.01	99.18
110.0-111.0	0.3	0.0	222.4	0.01	99.19
111.0-112.0	0.3	0.0	222.4	0.01	99.20
112.0-113.0	0.3	0.0	222.4	0.01	99.21
113.0-114.0	0.3	0.0	222.4	0.01	99.22
114.0-115.0	0.3	0.0	222.5	0.01	99.24
115.0-116.0	0.3	0.0	222.5	0.01	99.25
116.0-117.0	0.3	0.0	222.5	0.01	99.26
117.0-118.0	0.3	0.0	222.6	0.01	99.28
118.0-119.0	0.3	0.0	222.6	0.01	99.29
119.0-120.0	0.3	0.0	222.6	0.01	99.30
120.0-121.0	0.3	0.0	222.7	0.01	99.32
121.0-122.0	0.3	0.0	222.7	0.01	99.33
122.0-123.0	0.4	0.0	222.7	0.01	99.35
123.0-124.0	0.4	0.0	222.8	0.01	99.36
124.0-125.0	0.4	0.0	222.8	0.01	99.38
125.0-126.0	0.4	0.0	222.8	0.01	99.39
126.0-127.0	0.4	0.0	222.9	0.02	99.41
127.0-128.0	0.4	0.0	222.9	0.02	99.42
128.0-129.0	0.4	0.0	222.9	0.02	99.44
129.0-130.0	0.4	0.0	223.0	0.02	99.45
130.0-131.0	0.4	0.0	223.0	0.02	99.47
131.0-132.0	0.4	0.0	223.0	0.02	99.48
132.0-133.0	0.4	0.0	223.1	0.02	99.50
133.0-134.0	0.4	0.0	223.1	0.02	99.52
134.0-135.0	0.5	0.0	223.1	0.02	99.53
135.0-136.0	0.5	0.0	223.2	0.02	99.55
136.0-137.0	0.5	0.0	223.2	0.02	99.56
137.0-138.0	0.5	0.0	223.2	0.02	99.58
138.0-139.0	0.5	0.0	223.3	0.02	99.60
139.0-140.0	0.5	0.0	223.3	0.02	99.61
140.0-141.0	0.5	0.0	223.3	0.02	99.63
141.0-142.0	0.5	0.0	223.4	0.02	99.64
142.0-143.0	0.5	0.0	223.4	0.02	99.66
143.0-144.0	0.5	0.0	223.4	0.02	99.67

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	0.5	0.0	223.5	0.02	99.69
145.0-146.0	0.5	0.0	223.5	0.01	99.70
146.0-147.0	0.6	0.0	223.6	0.01	99.72
147.0-148.0	0.6	0.0	223.6	0.01	99.73
148.0-149.0	0.6	0.0	223.6	0.01	99.75
149.0-150.0	0.6	0.0	223.6	0.01	99.76
150.0-151.0	0.6	0.0	223.7	0.01	99.78
151.0-152.0	0.6	0.0	223.7	0.01	99.79
152.0-153.0	0.6	0.0	223.7	0.01	99.80
153.0-154.0	0.6	0.0	223.8	0.01	99.82
154.0-155.0	0.6	0.0	223.8	0.01	99.83
155.0-156.0	0.6	0.0	223.8	0.01	99.84
156.0-157.0	0.6	0.0	223.9	0.01	99.85
157.0-158.0	0.6	0.0	223.9	0.01	99.86
158.0-159.0	0.6	0.0	223.9	0.01	99.88
159.0-160.0	0.6	0.0	223.9	0.01	99.89
160.0-161.0	0.6	0.0	224.0	0.01	99.90
161.0-162.0	0.6	0.0	224.0	0.01	99.91
162.0-163.0	0.6	0.0	224.0	0.01	99.92
163.0-164.0	0.7	0.0	224.0	0.01	99.93
164.0-165.0	0.7	0.0	224.0	0.01	99.93
165.0-166.0	0.7	0.0	224.1	0.01	99.94
166.0-167.0	0.7	0.0	224.1	0.01	99.95
167.0-168.0	0.7	0.0	224.1	0.01	99.96
168.0-169.0	0.7	0.0	224.1	0.01	99.96
169.0-170.0	0.7	0.0	224.1	0.01	99.97
170.0-171.0	0.7	0.0	224.1	0.01	99.98
171.0-172.0	0.7	0.0	224.1	0.00	99.98
172.0-173.0	0.7	0.0	224.1	0.00	99.99
173.0-174.0	0.7	0.0	224.2	0.00	99.99
174.0-175.0	0.7	0.0	224.2	0.00	99.99
175.0-176.0	0.7	0.0	224.2	0.00	100.00
176.0-177.0	0.7	0.0	224.2	0.00	100.00
177.0-178.0	0.7	0.0	224.2	0.00	100.00
178.0-179.0	0.7	0.0	224.2	0.00	100.00
179.0-180.0	0.7	0.0	224.2	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: