

Report No.: 2023627

Test Time: 2023/6/27 16:56

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Pixel Bar

Luminaire Description: Pixel Bar 600 mm Square Milky WHITE

Lamp Description: RGBW30-WHITE

Luminous Width (mm): 40

Voltage: 219.2 V

Power: 10.33 W

Luminous Length (mm): 600

Luminous Height (mm): 30

Current: 0.063 A

Power Factor: 0.743

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 259.6 lm

Downward Ratio: 85%

Horizontal Diffuse Angle(10%,50%): H162.9,H111.1

Vertical Diffuse Angle(10%,50%): V285.7,V139.8

Luminaire Efficacy Rating (LER): 25

Max. Intensity: 63.1 cd

Total Rated Lamp Lumens: 259.6 lm

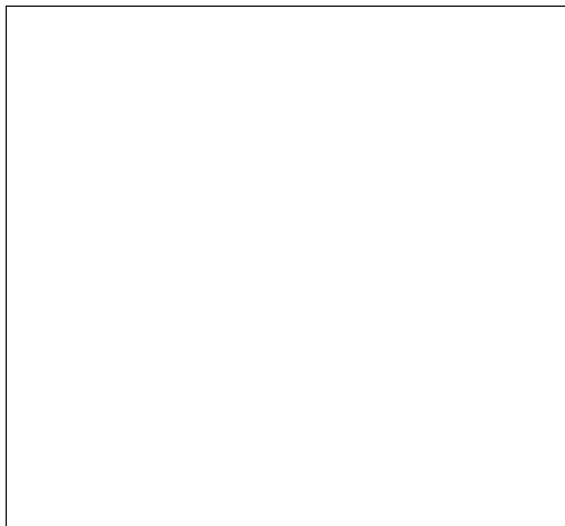
Efficiency: 100%

Upward Ratio: 15%

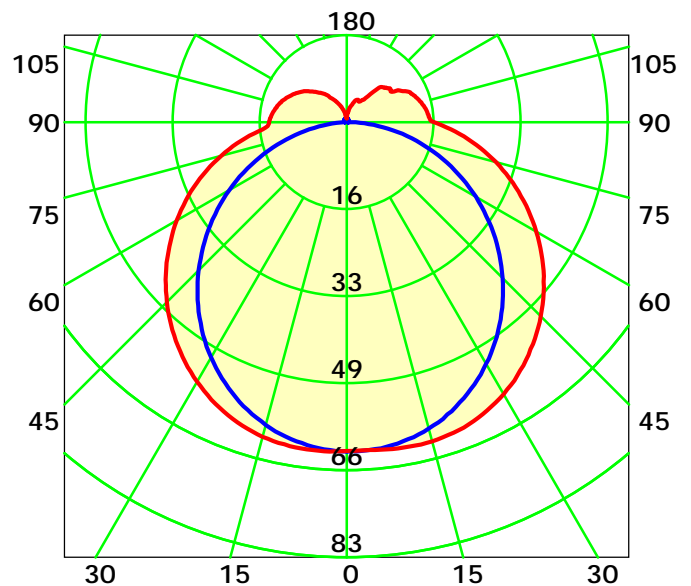
Central Intensity: 62.81 cd

Pos of Max. Intensity: H90 V13

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 125.5° 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

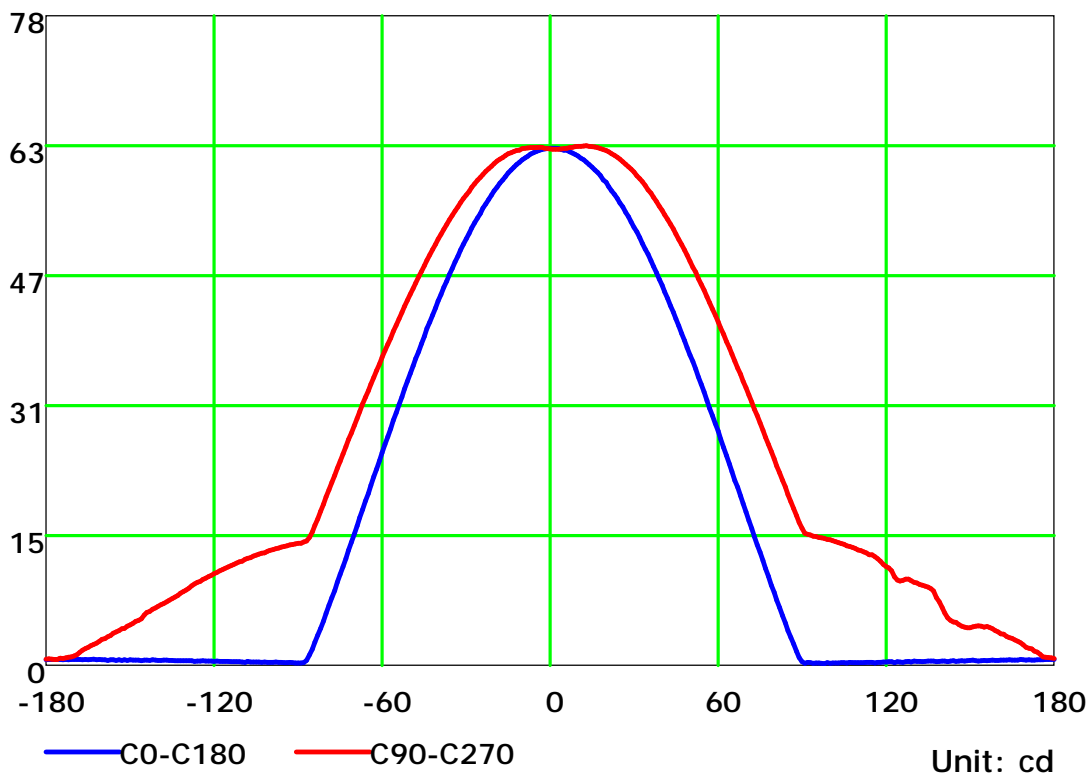
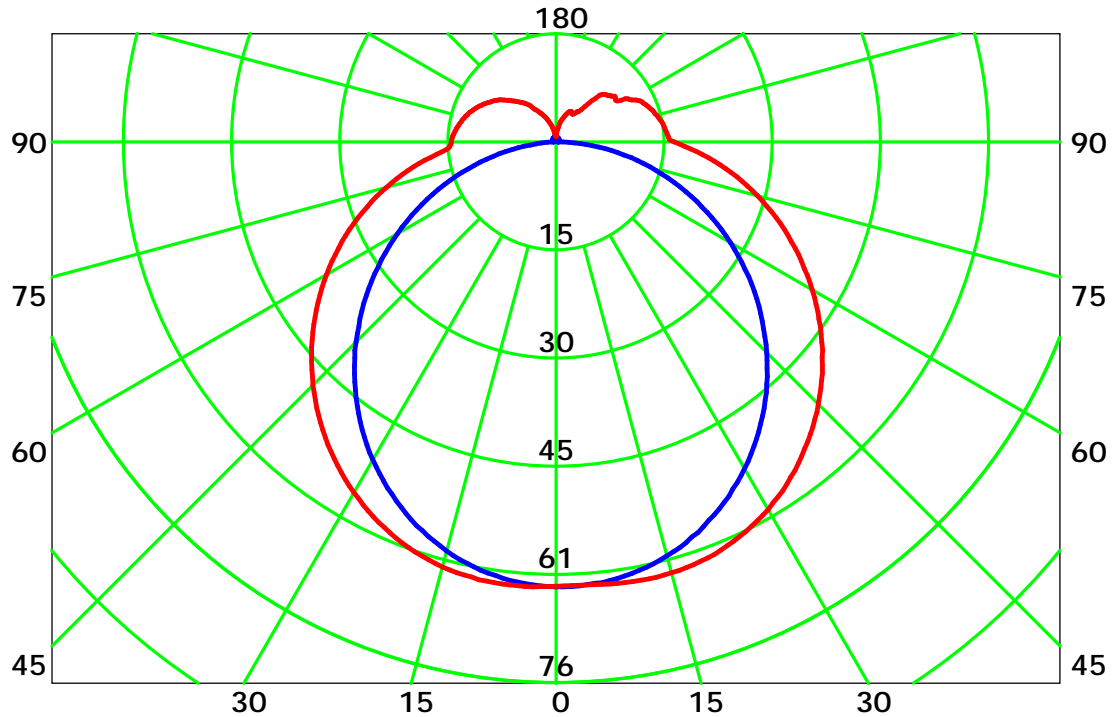
Distance: 9.028 m

Humidity: 60%

Inspector:



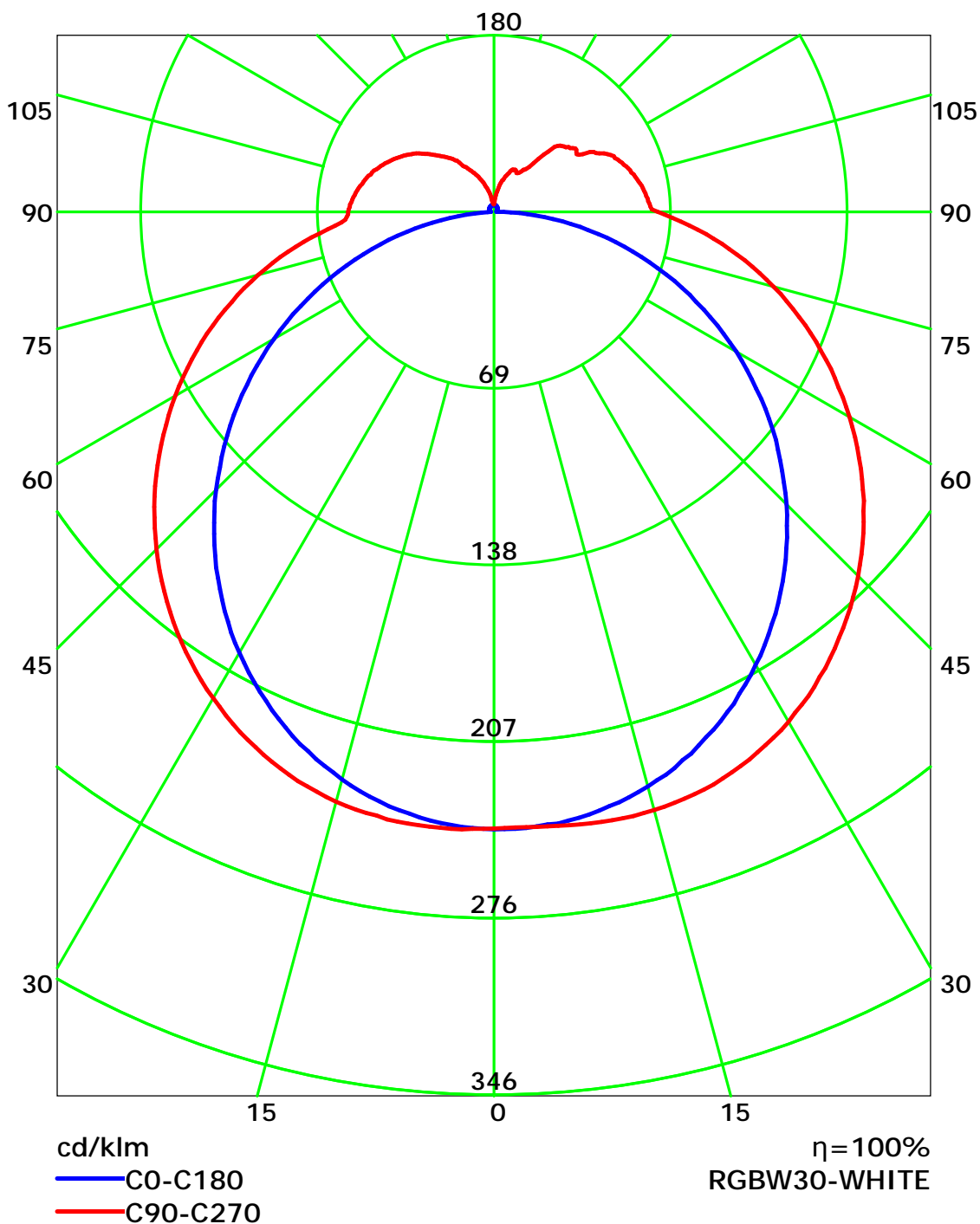
Luminous Intensity Distribution Curve



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:

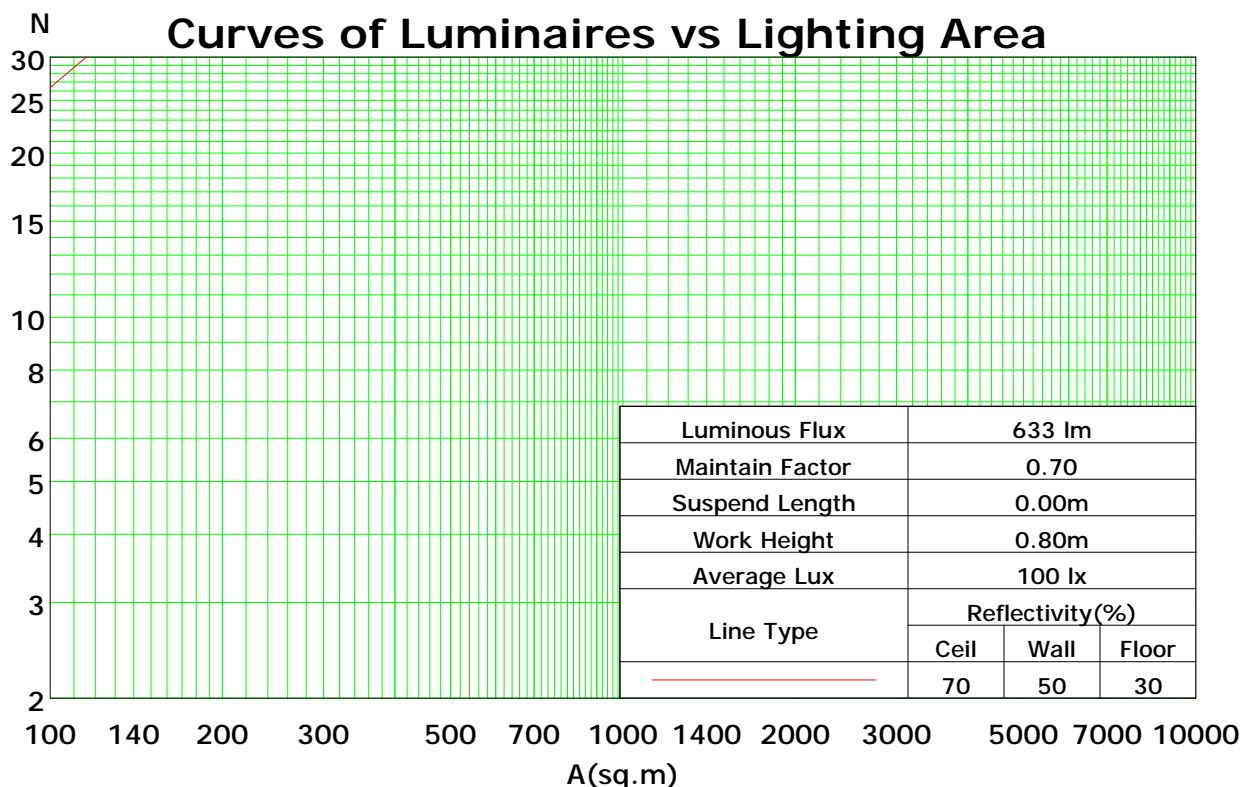
Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	85
1	103	98	93	88	99	94	89	85	87	83	80	80	77	75	74	72	70	67
2	93	84	77	70	89	81	74	68	75	69	64	69	65	61	64	60	57	54
3	84	73	64	58	81	70	62	56	65	58	53	60	55	50	56	51	47	44
4	77	64	55	48	73	62	53	47	57	50	45	53	47	42	49	44	40	37
5	71	57	48	41	67	55	46	40	51	44	38	48	41	36	44	39	35	32
6	65	51	42	35	62	49	41	35	46	39	33	43	37	32	40	34	30	28
7	60	46	37	31	57	45	36	30	42	34	29	39	33	28	36	31	27	24
8	56	42	33	27	53	41	33	27	38	31	26	36	29	25	33	28	24	22
9	52	38	30	24	50	37	29	24	35	28	23	33	27	22	31	25	21	19
10	49	35	27	22	47	34	27	22	32	26	21	30	24	20	29	23	19	17

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.38

Spacing Criteria (Diagonal): 1.46

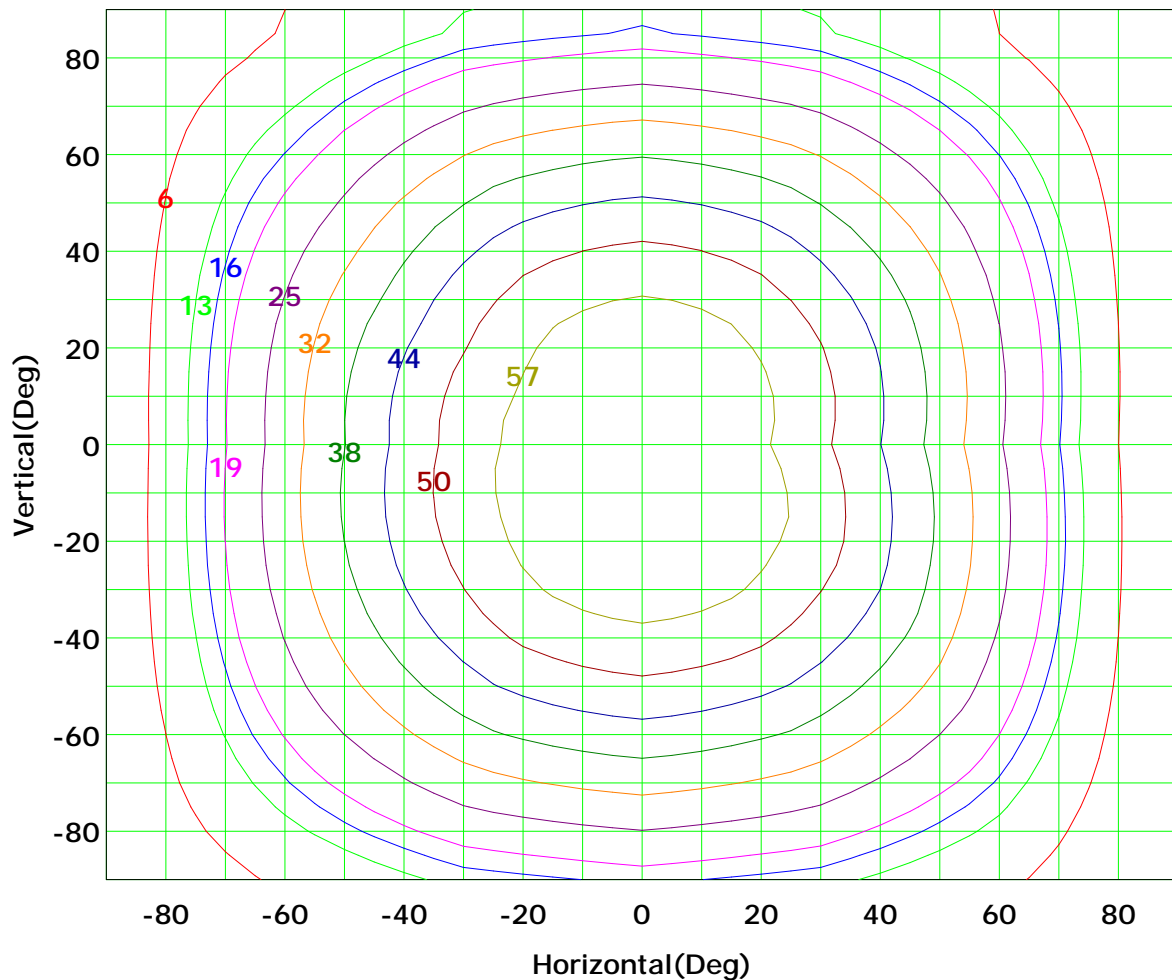


C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



Isocandela (rectangle)



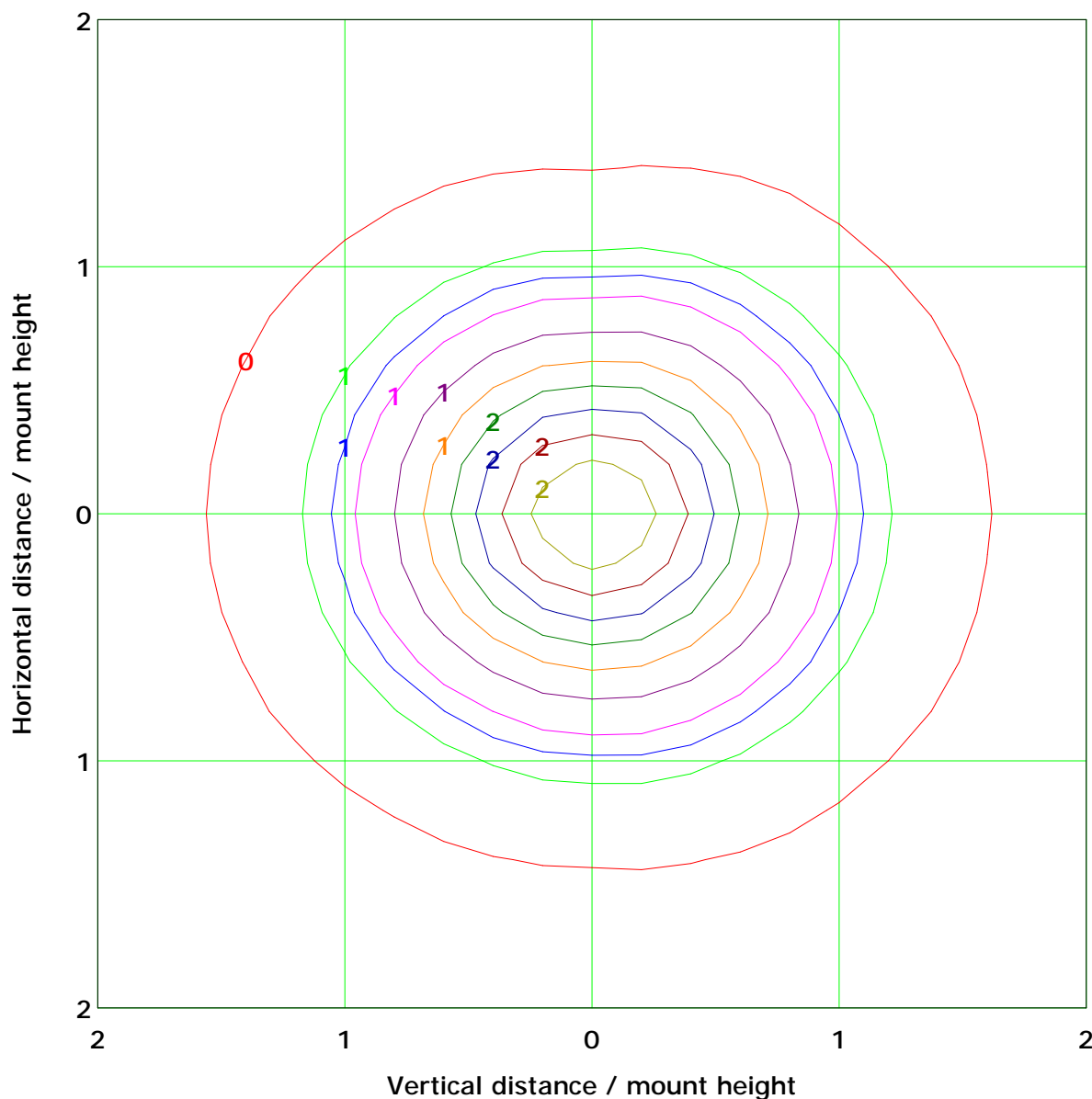
Imax (100%): 63 cd

(10%):	6 cd	(20%):	13 cd
(25%):	16 cd	(30%):	19 cd
(40%):	25 cd	(50%):	32 cd
(60%):	38 cd	(70%):	44 cd
(80%):	50 cd	(90%):	57 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%): 2.5 lx

(10%): 0.3 lx	(20%): 0.5 lx
(25%): 0.6 lx	(30%): 0.8 lx
(40%): 1.0 lx	(50%): 1.3 lx
(60%): 1.5 lx	(70%): 1.8 lx
(80%): 2.0 lx	(90%): 2.3 lx

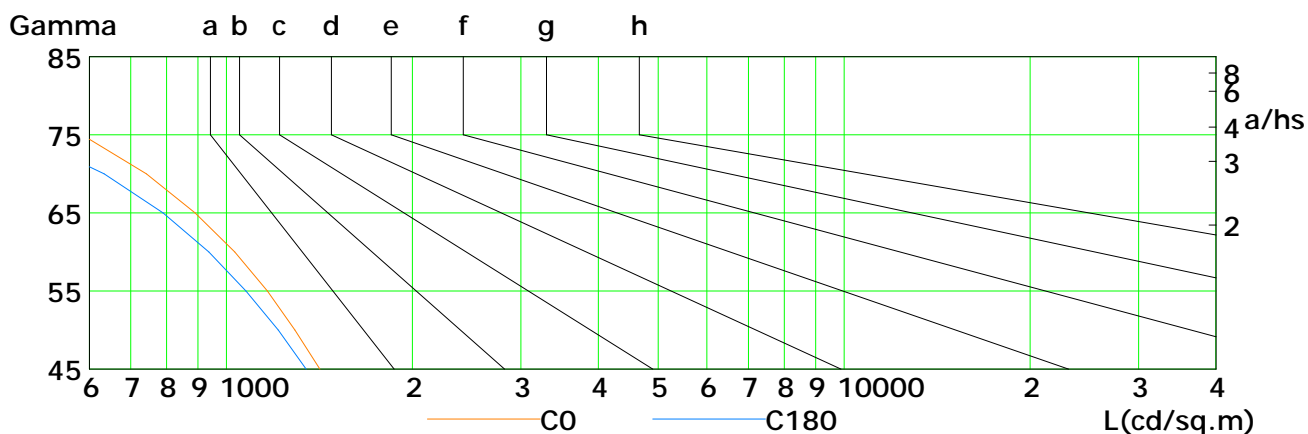
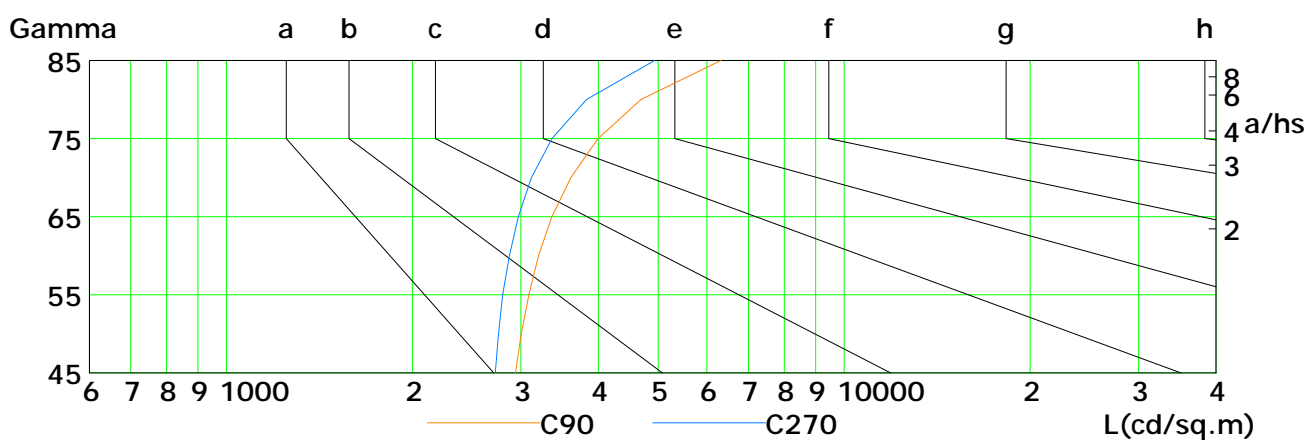
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

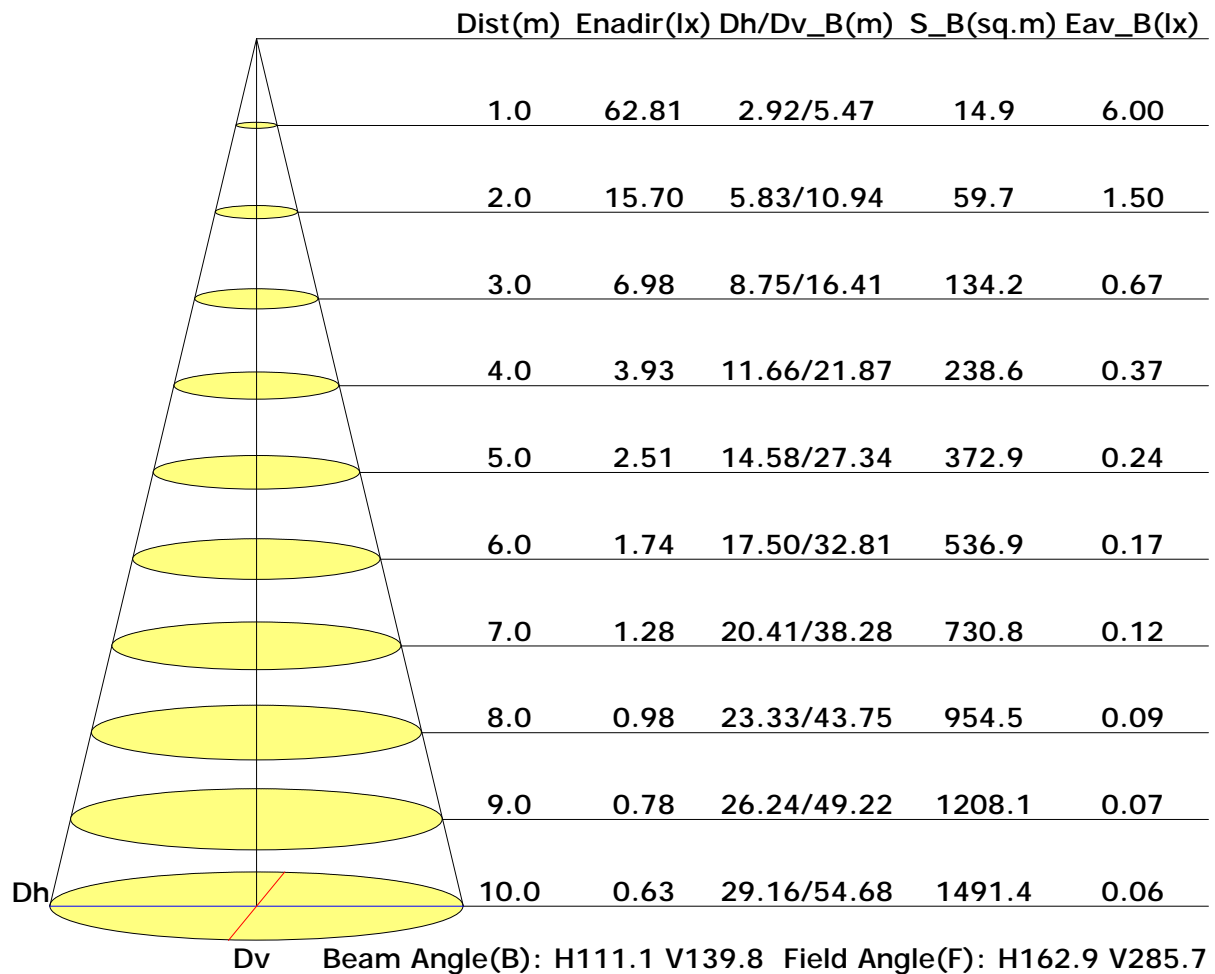


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1417	1291	1165	1032	891	743	584	407	213
C90	2939	3003	3090	3202	3367	3613	3996	4692	6322
C180	1346	1213	1075	937	790	634	471	290	100
C270	2725	2758	2802	2871	2970	3119	3367	3830	4937

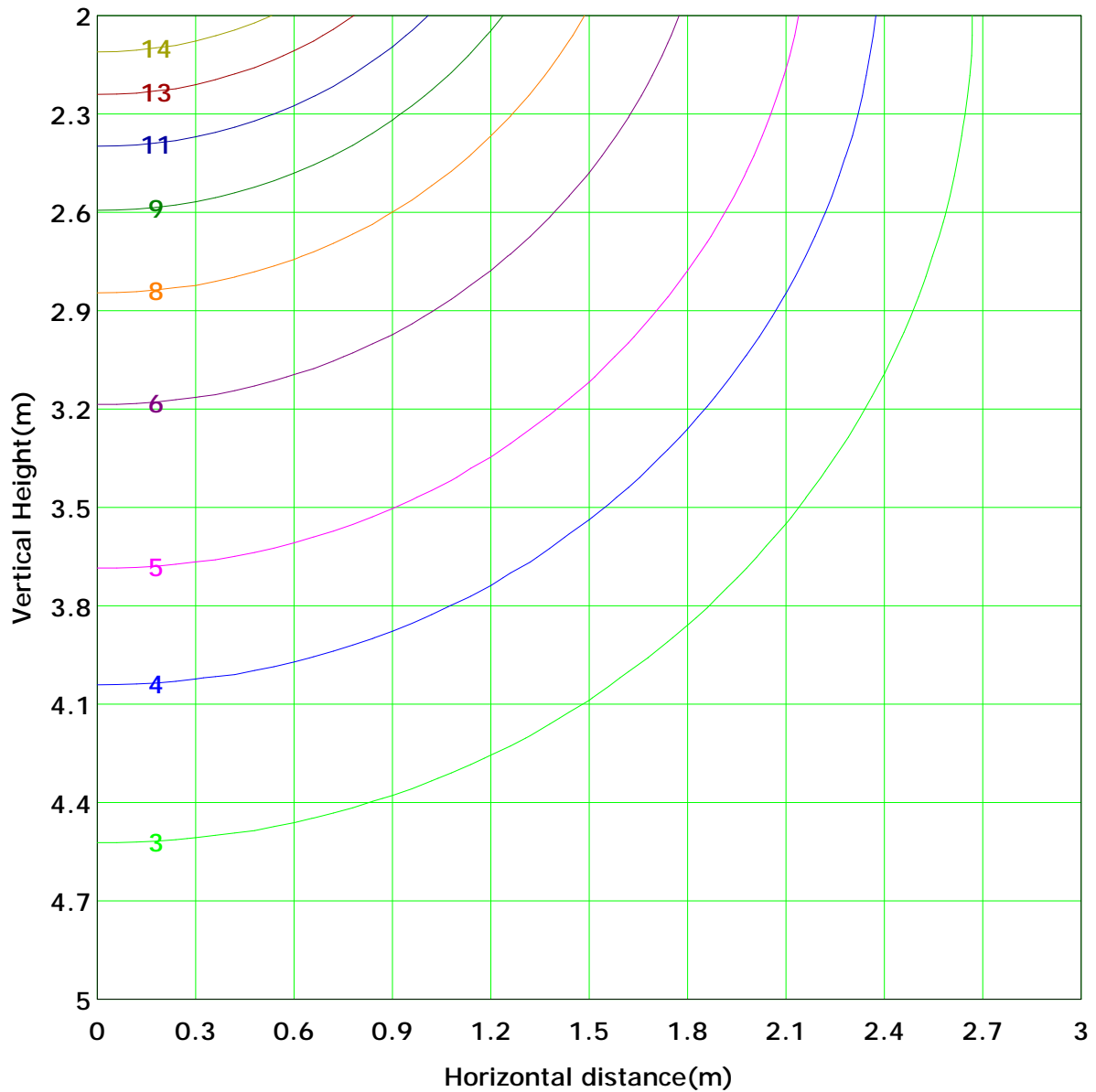
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 15.7 lx
(10%): 1.6 lx	(20%): 3.1 lx	
(25%): 3.9 lx	(30%): 4.7 lx	
(40%): 6.3 lx	(50%): 7.9 lx	
(60%): 9.4 lx	(70%): 11.0 lx	
(80%): 12.6 lx	(90%): 14.1 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

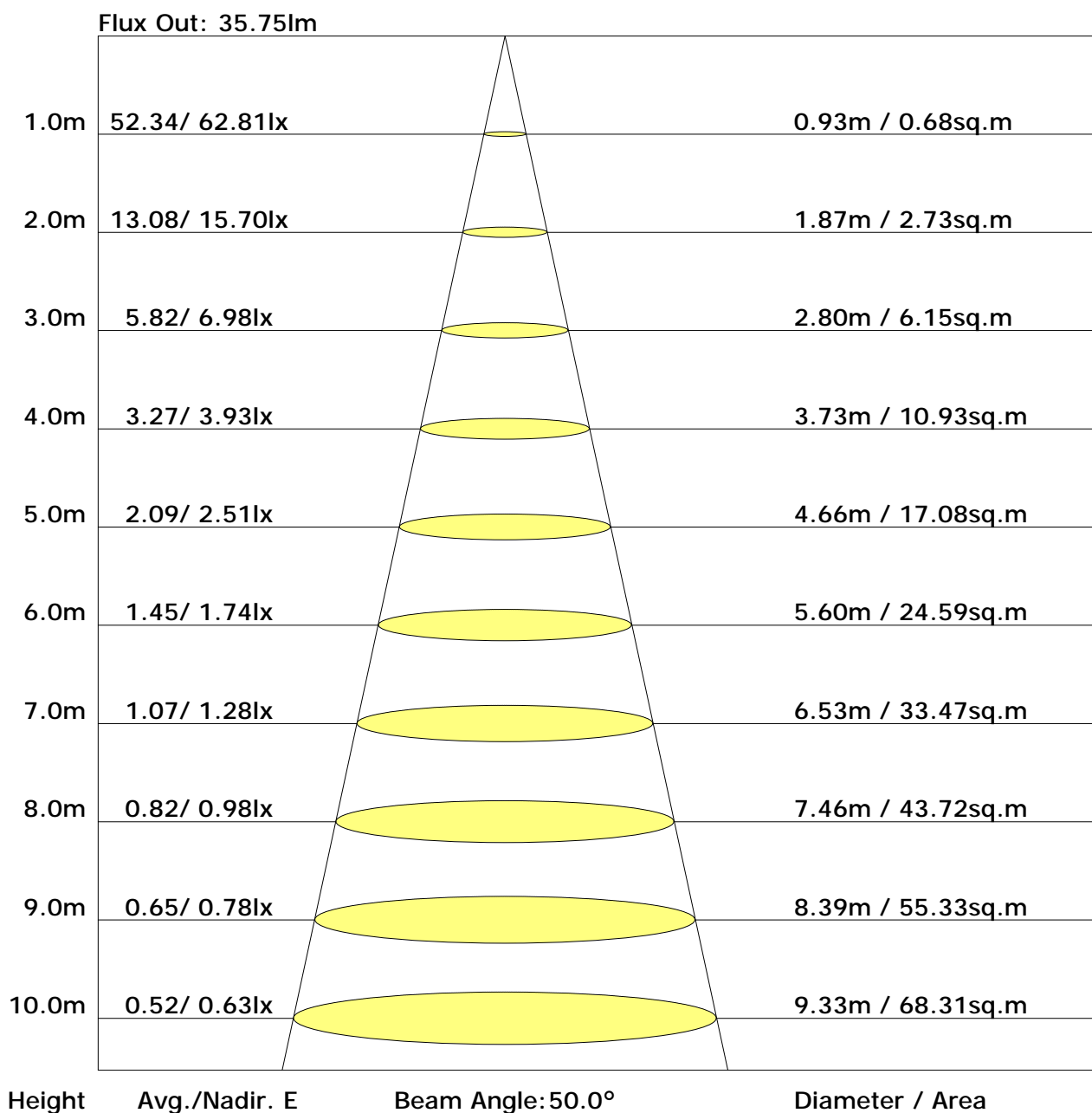
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	1.3	1.1
	-70	0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.2	1.4	1.5	1.6	1.7	1.6	1.5	1.3	0.9	0.7	0.4	0.0	3.8	3.7
	-60	0.0	0.1	0.2	0.4	0.7	1.1	1.4	1.7	1.9	2.0	2.1	2.2	2.1	2.0	1.8	1.4	1.1	0.7	0.0	7.4	7.4
	-50	0.0	0.1	0.2	0.6	1.0	1.5	1.9	2.3	2.6	2.8	2.9	3.0	2.9	2.7	2.4	1.9	1.5	1.0	0.0	11.8	11.8
	-40	0.0	0.1	0.2	0.8	1.3	1.9	2.5	3.1	3.5	3.8	4.0	4.1	4.0	3.8	3.4	2.7	2.1	1.5	0.0	16.3	16.3
	-30	0.0	0.1	0.3	1.1	1.8	2.6	3.4	4.2	4.8	5.2	5.5	5.7	5.6	5.3	4.7	3.8	3.0	2.2	0.0	20.3	20.3
	-20	0.0	0.1	0.3	1.4	2.2	3.2	4.2	5.1	5.9	6.5	6.9	7.2	7.1	6.7	5.9	4.9	4.0	3.1	0.0	23.3	23.3
	-10	0.0	0.1	0.3	1.7	2.7	3.8	4.9	5.9	6.9	7.6	8.0	8.3	8.2	7.7	6.7	5.6	4.6	3.6	0.0	25.0	25.0
	0	0.0	0.1	0.3	2.0	3.1	4.3	5.5	6.6	7.7	8.4	8.8	9.1	9.0	8.4	7.3	6.1	5.0	4.0	0.0	25.0	25.0
	10	0.0	0.1	0.3	2.3	3.5	4.8	6.1	7.3	8.4	9.1	9.5	9.8	9.7	9.0	7.8	6.6	5.5	4.5	0.0	23.3	23.3
	20	0.0	0.1	0.3	2.6	3.9	5.3	6.7	8.0	9.2	9.9	10.3	10.6	10.5	9.7	8.5	7.3	6.2	5.2	0.0	20.4	20.4
	30	0.0	0.1	0.3	2.9	4.3	5.8	7.3	8.7	10.0	10.7	11.1	11.4	11.3	10.4	9.1	7.9	6.8	5.8	0.0	16.3	16.3
	40	0.0	0.1	0.3	3.2	4.7	6.3	7.9	9.4	10.8	11.5	11.9	12.2	12.1	11.1	9.7	8.5	7.5	6.5	0.0	11.9	11.9
	50	0.0	0.1	0.3	3.5	5.1	6.8	8.5	10.1	11.6	12.3	12.7	13.0	12.9	11.8	10.4	9.2	8.2	7.2	0.0	7.6	7.6
	60	0.0	0.1	0.3	3.8	5.5	7.3	9.1	10.8	12.4	13.1	13.5	13.8	13.7	12.5	11.0	9.8	8.8	7.8	0.0	4.0	4.0
	70	0.0	0.1	0.3	4.1	5.9	7.8	9.7	11.5	13.2	13.9	14.3	14.6	14.5	13.2	11.6	10.4	9.4	8.4	0.0	1.4	1.4
	80	0.0	0.1	0.3	4.4	6.3	8.3	10.3	12.2	14.0	14.7	15.1	15.4	15.3	14.0	12.3	11.1	10.1	9.1	0.0	0.1	0.1
	90	0.0	0.1	0.3	4.7	6.7	8.8	10.9	12.9	14.8	15.5	15.9	16.2	16.1	14.7	13.0	11.8	10.8	9.8	0.0	0.2	0.2
	Flux(E)	0.0	1.1	3.7	7.4	11.8	16.3	20.3	23.3	25.0	25.0	23.3	20.4	16.3	11.9	7.6	4.0	1.4	0.1	0.0	219	219

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	17.4	18.8	17.9	19.3	20.0	17.7	19.1	18.3	19.7	20.4
3H	19.3	20.5	19.9	21.1	21.8	19.8	21.1	20.4	21.7	22.4
4H	20.0	21.2	20.6	21.8	22.6	20.8	22.0	21.4	22.6	23.3
6H	20.6	21.7	21.2	22.3	23.1	21.6	22.7	22.2	23.4	24.1
8H	20.8	21.9	21.4	22.5	23.3	22.0	23.1	22.6	23.7	24.4
12H	20.9	22.0	21.6	22.6	23.4	22.3	23.4	23.0	24.0	24.8
X=4H Y=2H	18.0	19.2	18.6	19.8	20.5	18.4	19.6	19.0	20.2	20.9
3H	20.1	21.1	20.7	21.8	22.5	20.7	21.7	21.3	22.4	23.1
4H	21.0	21.9	21.6	22.6	23.3	21.8	22.7	22.4	23.4	24.2
6H	21.7	22.5	22.3	23.2	24.0	22.8	23.6	23.5	24.3	25.1
8H	21.9	22.7	22.6	23.4	24.2	23.3	24.0	23.9	24.7	25.5
12H	22.1	22.8	22.8	23.5	24.3	23.7	24.4	24.4	25.1	25.9
X=8H Y=4H	21.3	22.1	22.0	22.8	23.6	22.2	22.9	22.8	23.6	24.4
6H	22.2	22.9	22.9	23.6	24.4	23.3	24.0	24.0	24.7	25.5
8H	22.6	23.2	23.3	23.9	24.7	23.9	24.5	24.6	25.3	26.1
12H	22.8	23.4	23.5	24.1	25.0	24.5	25.0	25.2	25.7	26.6
X=12H Y=4H	21.4	22.1	22.1	22.8	23.6	22.2	22.9	22.9	23.6	24.4
6H	22.3	22.9	23.1	23.6	24.5	23.4	24.0	24.2	24.7	25.6
8H	22.7	23.3	23.5	24.0	24.9	24.1	24.6	24.8	25.3	26.2

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 = 1.50								
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	0.52	0.60	0.67	0.72	0.79	0.84	0.88	0.92	0.96
	0.30		0.44	0.52	0.59	0.65	0.72	0.78	0.82	0.88	0.91
	0.20		0.38	0.46	0.53	0.59	0.67	0.73	0.77	0.83	0.88
0.50	0.50	0.20	0.49	0.56	0.63	0.67	0.74	0.78	0.81	0.86	0.89
	0.30		0.42	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
	0.20		0.37	0.44	0.51	0.56	0.63	0.69	0.73	0.78	0.82
0.30	0.50	0.20	0.46	0.52	0.58	0.63	0.69	0.73	0.75	0.79	0.82
	0.30		0.40	0.47	0.53	0.58	0.64	0.68	0.72	0.76	0.79
	0.20		0.36	0.42	0.49	0.53	0.60	0.65	0.69	0.74	0.77
0.00	0.00	0.00	0.32	0.38	0.44	0.48	0.54	0.58	0.62	0.66	0.69
Rating: 10W 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 = 1.50									
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	0.99	0.85	0.73	0.64	0.52	0.44	0.38	0.31	0.25	
	0.30		0.82	0.73	0.64	0.57	0.47	0.41	0.36	0.29	0.24	
	0.20		0.71	0.63	0.56	0.51	0.43	0.38	0.33	0.27	0.23	
0.50	0.50	0.20	0.92	0.79	0.68	0.60	0.49	0.44	0.36	0.28	0.23	
	0.30		0.78	0.69	0.60	0.54	0.45	0.38	0.33	0.27	0.22	
	0.20		0.68	0.61	0.54	0.49	0.41	0.36	0.31	0.26	0.22	
0.30	0.50	0.20	0.86	0.74	0.63	0.56	0.45	0.38	0.33	0.26	0.22	
	0.30		0.74	0.65	0.57	0.50	0.42	0.36	0.31	0.25	0.21	
	0.20		0.65	0.58	0.51	0.46	0.39	0.34	0.30	0.24	0.20	
0.00	0.00	0.00	0.53	0.47	0.41	0.37	0.31	0.26	0.23	0.19	0.16	
Rating: 10W 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 = 1.50									
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	0.31	0.33	0.34	0.34	0.35	0.36	0.36	0.36	0.37	
	0.30		0.24	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.34	
	0.20		0.20	0.21	0.22	0.24	0.25	0.27	0.28	0.30	0.31	
0.50	0.50	0.20	0.30	0.32	0.32	0.33	0.34	0.34	0.34	0.35	0.35	
	0.30		0.24	0.25	0.27	0.28	0.29	0.30	0.31	0.32	0.32	
	0.20		0.19	0.21	0.22	0.23	0.25	0.26	0.27	0.29	0.30	
0.30	0.50	0.20	0.29	0.30	0.31	0.32	0.32	0.33	0.33	0.33	0.34	
	0.30		0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.31	
	0.20		0.19	0.21	0.22	0.23	0.24	0.26	0.27	0.28	0.29	
0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
Rating: 10W 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	62.7	0.1	0.1	0.02	0.02
1.0-2.0	62.7	0.2	0.2	0.07	0.09
2.0-3.0	62.7	0.3	0.5	0.12	0.21
3.0-4.0	62.7	0.4	1.0	0.16	0.37
4.0-5.0	62.6	0.5	1.5	0.21	0.58
5.0-6.0	62.6	0.7	2.2	0.25	0.83
6.0-7.0	62.6	0.8	2.9	0.30	1.13
7.0-8.0	62.5	0.9	3.8	0.34	1.47
8.0-9.0	62.4	1.0	4.8	0.39	1.86
9.0-10.0	62.3	1.1	6.0	0.43	2.30
10.0-11.0	62.2	1.2	7.2	0.48	2.78
11.0-12.0	62.1	1.4	8.6	0.52	3.30
12.0-13.0	61.9	1.5	10.0	0.57	3.87
13.0-14.0	61.7	1.6	11.6	0.61	4.48
14.0-15.0	61.5	1.7	13.3	0.65	5.13
15.0-16.0	61.3	1.8	15.1	0.69	5.82
16.0-17.0	61.1	1.9	17.0	0.73	6.55
17.0-18.0	60.9	2.0	19.0	0.77	7.33
18.0-19.0	60.6	2.1	21.1	0.81	8.14
19.0-20.0	60.3	2.2	23.3	0.85	8.99
20.0-21.0	60.0	2.3	25.6	0.89	9.87
21.0-22.0	59.6	2.4	28.0	0.92	10.80
22.0-23.0	59.3	2.5	30.5	0.96	11.76
23.0-24.0	58.9	2.6	33.1	0.99	12.75
24.0-25.0	58.5	2.7	35.8	1.02	13.77
25.0-26.0	58.1	2.7	38.5	1.06	14.83
26.0-27.0	57.7	2.8	41.3	1.09	15.92
27.0-28.0	57.2	2.9	44.2	1.12	17.03
28.0-29.0	56.7	3.0	47.2	1.14	18.18
29.0-30.0	56.2	3.0	50.2	1.17	19.35
30.0-31.0	55.7	3.1	53.3	1.20	20.54
31.0-32.0	55.2	3.2	56.5	1.22	21.76
32.0-33.0	54.7	3.2	59.7	1.24	23.00
33.0-34.0	54.1	3.3	63.0	1.26	24.26
34.0-35.0	53.5	3.3	66.3	1.28	25.54
35.0-36.0	52.9	3.4	69.7	1.30	26.84

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	52.3	3.4	73.1	1.31	28.16
37.0-38.0	51.7	3.5	76.5	1.33	29.49
38.0-39.0	51.0	3.5	80.0	1.34	30.83
39.0-40.0	50.4	3.5	83.5	1.35	32.18
40.0-41.0	49.7	3.5	87.1	1.36	33.55
41.0-42.0	49.1	3.6	90.6	1.37	34.92
42.0-43.0	48.4	3.6	94.2	1.38	36.30
43.0-44.0	47.7	3.6	97.8	1.39	37.69
44.0-45.0	46.9	3.6	101.4	1.39	39.08
45.0-46.0	46.2	3.6	105.0	1.39	40.47
46.0-47.0	45.4	3.6	108.7	1.39	41.86
47.0-48.0	44.7	3.6	112.3	1.39	43.26
48.0-49.0	43.9	3.6	115.9	1.39	44.65
49.0-50.0	43.2	3.6	119.5	1.39	46.03
50.0-51.0	42.4	3.6	123.1	1.38	47.41
51.0-52.0	41.6	3.6	126.6	1.37	48.79
52.0-53.0	40.8	3.5	130.2	1.37	50.15
53.0-54.0	40.0	3.5	133.7	1.36	51.51
54.0-55.0	39.1	3.5	137.2	1.35	52.86
55.0-56.0	38.3	3.5	140.7	1.33	54.19
56.0-57.0	37.5	3.4	144.1	1.32	55.51
57.0-58.0	36.6	3.4	147.5	1.31	56.82
58.0-59.0	35.8	3.3	150.8	1.29	58.11
59.0-60.0	34.9	3.3	154.1	1.27	59.38
60.0-61.0	34.1	3.3	157.4	1.25	60.63
61.0-62.0	33.2	3.2	160.6	1.23	61.86
62.0-63.0	32.3	3.1	163.7	1.21	63.07
63.0-64.0	31.4	3.1	166.8	1.19	64.26
64.0-65.0	30.5	3.0	169.8	1.16	65.43
65.0-66.0	29.7	3.0	172.8	1.14	66.57
66.0-67.0	28.8	2.9	175.7	1.11	67.68
67.0-68.0	27.9	2.8	178.5	1.09	68.77
68.0-69.0	27.0	2.8	181.3	1.06	69.83
69.0-70.0	26.1	2.7	183.9	1.03	70.86
70.0-71.0	25.2	2.6	186.5	1.00	71.86
71.0-72.0	24.2	2.5	189.0	0.97	72.83

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	23.3	2.4	191.5	0.94	73.77
73.0-74.0	22.4	2.4	193.8	0.91	74.68
74.0-75.0	21.5	2.3	196.1	0.88	75.56
75.0-76.0	20.6	2.2	198.3	0.84	76.40
76.0-77.0	19.7	2.1	200.4	0.81	77.21
77.0-78.0	18.8	2.0	202.4	0.78	77.99
78.0-79.0	17.9	1.9	204.3	0.74	78.73
79.0-80.0	17.0	1.8	206.2	0.71	79.43
80.0-81.0	16.1	1.7	207.9	0.67	80.10
81.0-82.0	15.2	1.6	209.6	0.63	80.74
82.0-83.0	14.3	1.6	211.1	0.60	81.33
83.0-84.0	13.4	1.5	212.6	0.56	81.90
84.0-85.0	12.6	1.4	214.0	0.53	82.43
85.0-86.0	11.7	1.3	215.2	0.49	82.92
86.0-87.0	11.0	1.2	216.4	0.46	83.38
87.0-88.0	10.4	1.1	217.6	0.44	83.82
88.0-89.0	9.9	1.1	218.7	0.42	84.24
89.0-90.0	9.5	1.0	219.7	0.40	84.64
90.0-91.0	9.2	1.0	220.7	0.39	85.03
91.0-92.0	9.1	1.0	221.7	0.38	85.42
92.0-93.0	9.0	1.0	222.7	0.38	85.80
93.0-94.0	9.0	1.0	223.7	0.38	86.18
94.0-95.0	8.9	1.0	224.7	0.37	86.55
95.0-96.0	8.9	1.0	225.6	0.37	86.92
96.0-97.0	8.8	1.0	226.6	0.37	87.29
97.0-98.0	8.7	1.0	227.5	0.37	87.66
98.0-99.0	8.7	0.9	228.5	0.36	88.02
99.0-100.0	8.6	0.9	229.4	0.36	88.38
100.0-101.0	8.6	0.9	230.3	0.36	88.74
101.0-102.0	8.5	0.9	231.3	0.35	89.09
102.0-103.0	8.4	0.9	232.2	0.35	89.44
103.0-104.0	8.4	0.9	233.0	0.34	89.78
104.0-105.0	8.3	0.9	233.9	0.34	90.12
105.0-106.0	8.2	0.9	234.8	0.33	90.46
106.0-107.0	8.2	0.9	235.7	0.33	90.79
107.0-108.0	8.1	0.8	236.5	0.33	91.11

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	8.0	0.8	237.3	0.32	91.43
109.0-110.0	7.9	0.8	238.2	0.32	91.75
110.0-111.0	7.9	0.8	239.0	0.31	92.06
111.0-112.0	7.8	0.8	239.8	0.31	92.37
112.0-113.0	7.7	0.8	240.5	0.30	92.67
113.0-114.0	7.6	0.8	241.3	0.29	92.96
114.0-115.0	7.5	0.7	242.0	0.29	93.25
115.0-116.0	7.4	0.7	242.8	0.28	93.53
116.0-117.0	7.3	0.7	243.5	0.28	93.81
117.0-118.0	7.2	0.7	244.2	0.27	94.08
118.0-119.0	7.1	0.7	244.9	0.26	94.34
119.0-120.0	6.9	0.7	245.5	0.25	94.60
120.0-121.0	6.8	0.6	246.2	0.25	94.84
121.0-122.0	6.7	0.6	246.8	0.24	95.09
122.0-123.0	6.6	0.6	247.4	0.24	95.32
123.0-124.0	6.5	0.6	248.0	0.23	95.55
124.0-125.0	6.4	0.6	248.6	0.22	95.77
125.0-126.0	6.3	0.6	249.2	0.22	95.99
126.0-127.0	6.2	0.5	249.7	0.21	96.20
127.0-128.0	6.1	0.5	250.2	0.20	96.40
128.0-129.0	6.0	0.5	250.7	0.20	96.60
129.0-130.0	5.9	0.5	251.2	0.19	96.79
130.0-131.0	5.8	0.5	251.7	0.18	96.98
131.0-132.0	5.6	0.5	252.2	0.18	97.15
132.0-133.0	5.5	0.4	252.6	0.17	97.33
133.0-134.0	5.4	0.4	253.1	0.17	97.49
134.0-135.0	5.3	0.4	253.5	0.16	97.65
135.0-136.0	5.2	0.4	253.9	0.16	97.81
136.0-137.0	5.1	0.4	254.3	0.15	97.96
137.0-138.0	4.9	0.4	254.6	0.14	98.10
138.0-139.0	4.8	0.3	255.0	0.13	98.23
139.0-140.0	4.7	0.3	255.3	0.13	98.36
140.0-141.0	4.5	0.3	255.6	0.12	98.48
141.0-142.0	4.4	0.3	255.9	0.11	98.60
142.0-143.0	4.2	0.3	256.2	0.11	98.70
143.0-144.0	4.1	0.3	256.5	0.10	98.81

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	3.9	0.3	256.7	0.10	98.90
145.0-146.0	3.8	0.2	257.0	0.09	98.99
146.0-147.0	3.6	0.2	257.2	0.08	99.08
147.0-148.0	3.4	0.2	257.4	0.08	99.15
148.0-149.0	3.3	0.2	257.6	0.07	99.23
149.0-150.0	3.2	0.2	257.7	0.07	99.30
150.0-151.0	3.1	0.2	257.9	0.07	99.36
151.0-152.0	3.0	0.2	258.1	0.06	99.42
152.0-153.0	2.9	0.1	258.2	0.06	99.48
153.0-154.0	2.8	0.1	258.4	0.05	99.53
154.0-155.0	2.7	0.1	258.5	0.05	99.58
155.0-156.0	2.6	0.1	258.6	0.05	99.63
156.0-157.0	2.6	0.1	258.7	0.04	99.67
157.0-158.0	2.5	0.1	258.8	0.04	99.71
158.0-159.0	2.3	0.1	258.9	0.04	99.75
159.0-160.0	2.2	0.1	259.0	0.03	99.78
160.0-161.0	2.1	0.1	259.1	0.03	99.81
161.0-162.0	2.0	0.1	259.1	0.03	99.84
162.0-163.0	1.9	0.1	259.2	0.02	99.86
163.0-164.0	1.8	0.1	259.3	0.02	99.88
164.0-165.0	1.7	0.0	259.3	0.02	99.90
165.0-166.0	1.6	0.0	259.4	0.02	99.92
166.0-167.0	1.5	0.0	259.4	0.01	99.93
167.0-168.0	1.4	0.0	259.4	0.01	99.94
168.0-169.0	1.3	0.0	259.5	0.01	99.96
169.0-170.0	1.2	0.0	259.5	0.01	99.96
170.0-171.0	1.1	0.0	259.5	0.01	99.97
171.0-172.0	1.0	0.0	259.5	0.01	99.98
172.0-173.0	1.0	0.0	259.5	0.01	99.98
173.0-174.0	0.9	0.0	259.5	0.00	99.99
174.0-175.0	0.9	0.0	259.5	0.00	99.99
175.0-176.0	0.9	0.0	259.6	0.00	100.00
176.0-177.0	0.8	0.0	259.6	0.00	100.00
177.0-178.0	0.8	0.0	259.6	0.00	100.00
178.0-179.0	0.8	0.0	259.6	0.00	100.00
179.0-180.0	0.8	0.0	259.6	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: