

Report No.: 2023627

Test Time: 2023/6/27 16:09

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Pixel Bar

Luminaire Description: Pixel Bar 600 mm Square Milky Green

Lamp Description: RGBW30-Green

Luminous Width (mm): 40

Voltage: 219.3 V

Power: 5.52 W

Luminous Length (mm): 600

Luminous Height (mm): 30

Current: 0.045 A

Power Factor: 0.558

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 65.3 lm

Downward Ratio: 84%

Horizontal Diffuse Angle(10%,50%): H163.9,H111.3

Vertical Diffuse Angle(10%,50%): V296.6,V139.4

Luminaire Efficacy Rating (LER): 12

Max. Intensity: 15.68 cd

Total Rated Lamp Lumens: 65.3 lm

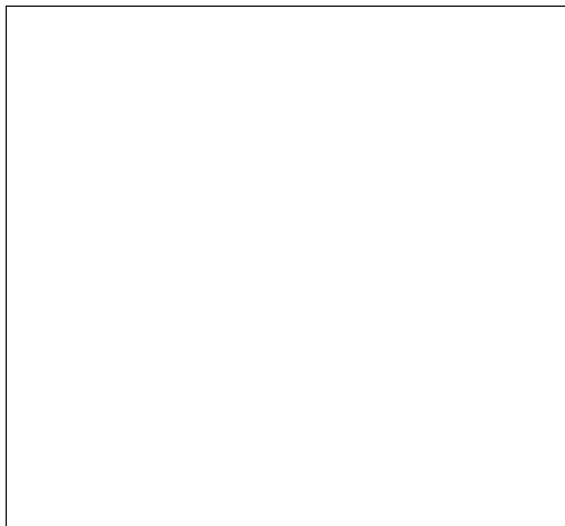
Efficiency: 100%

Upward Ratio: 16%

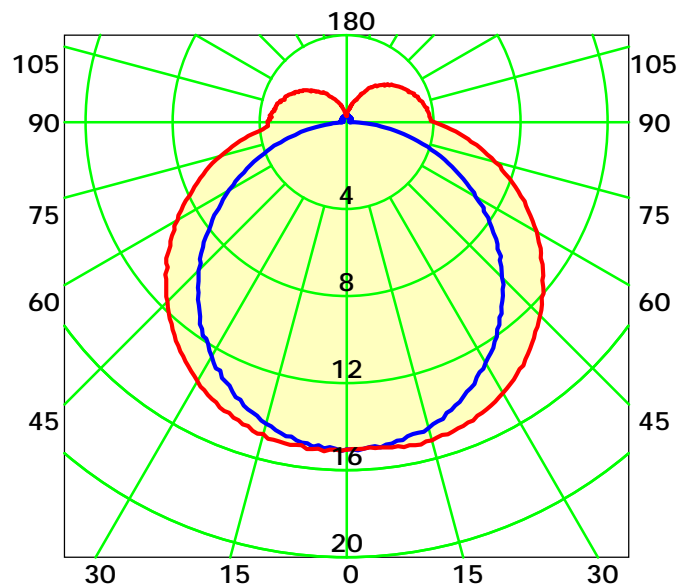
Central Intensity: 15.5 cd

Pos of Max. Intensity: H90 V13

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 125.4° 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

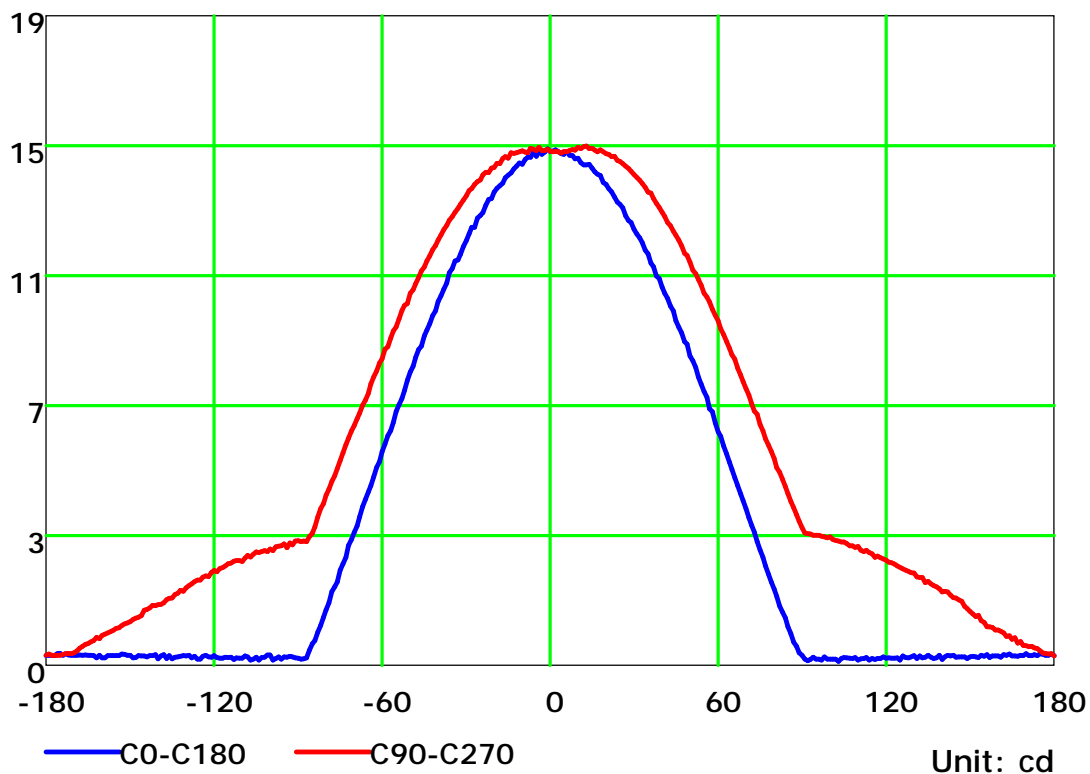
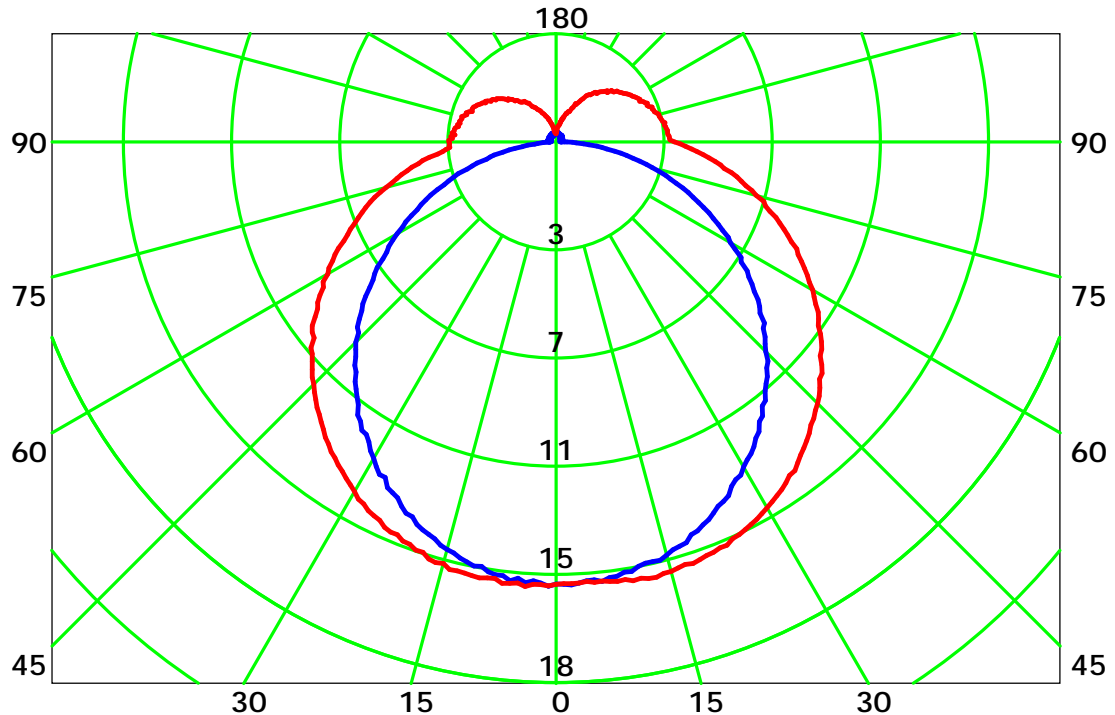
Distance: 9.028 m

Humidity: 60%

Inspector:



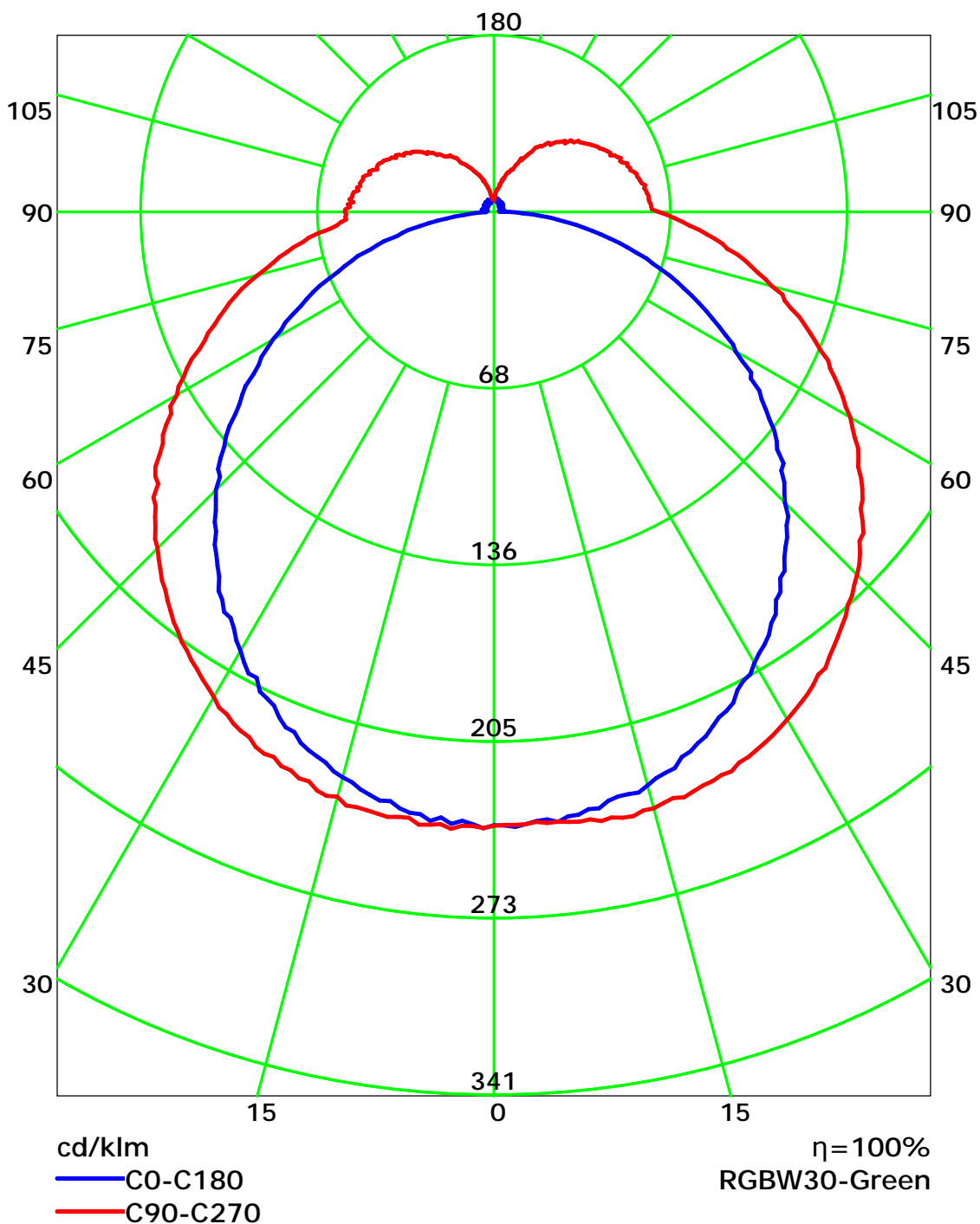
Luminous Intensity Distribution Curve



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:

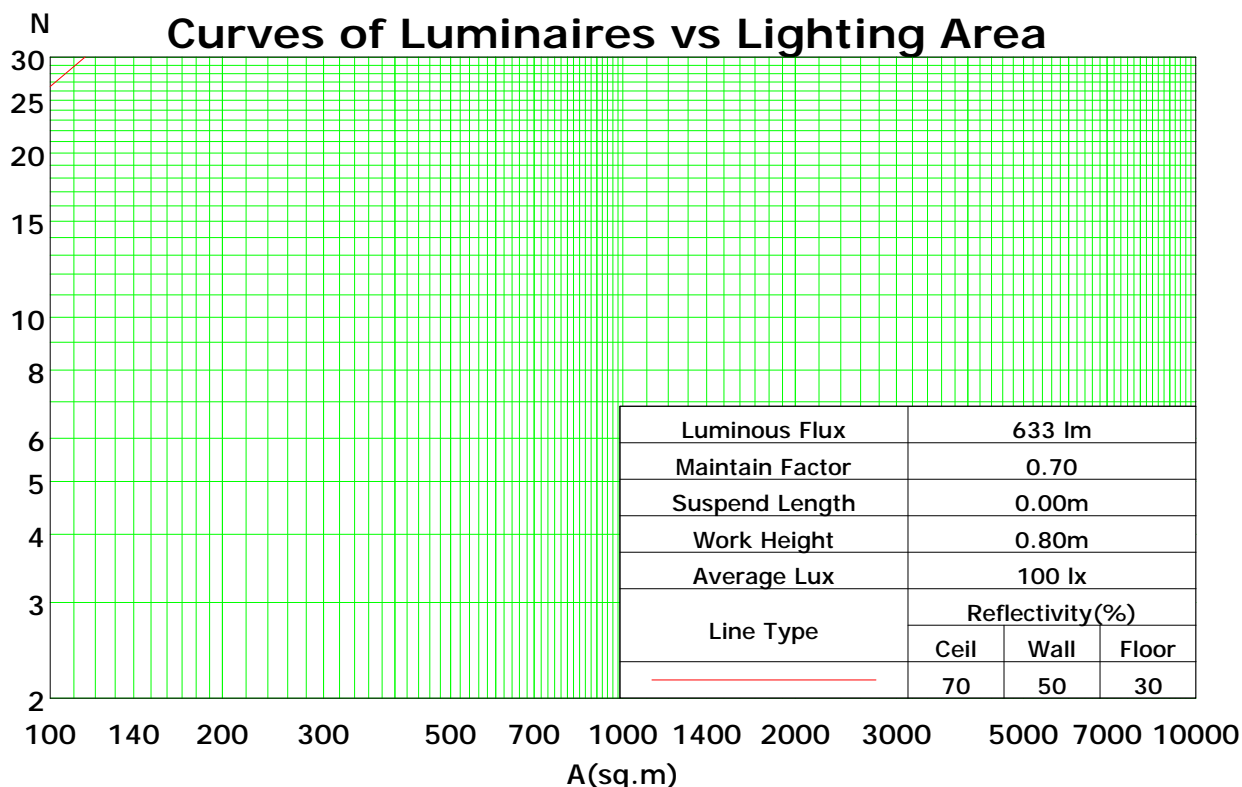
Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	111	111	111	111	102	102	102	94	94	94	87	87	87	84
1	103	98	93	88	99	94	89	85	86	83	79	80	77	74	73	71	69	66
2	93	84	76	70	89	81	74	68	74	69	64	69	64	60	63	60	56	53
3	84	73	64	57	80	70	62	56	65	58	53	60	54	50	55	51	47	44
4	77	64	55	48	73	62	53	47	57	50	44	53	47	42	49	44	40	37
5	70	57	48	41	67	55	46	40	51	44	38	47	41	36	44	38	34	32
6	65	51	42	35	62	49	41	34	46	38	33	43	36	31	40	34	30	27
7	60	46	37	31	57	44	36	30	41	34	29	39	32	28	36	30	26	24
8	56	42	33	27	53	40	32	27	38	31	26	35	29	24	33	28	23	21
9	52	38	30	24	50	37	29	24	35	28	23	32	26	22	30	25	21	19
10	49	35	27	22	46	34	27	21	32	25	21	30	24	20	28	23	19	17

Spacing Criteria (0-180): 1.25

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

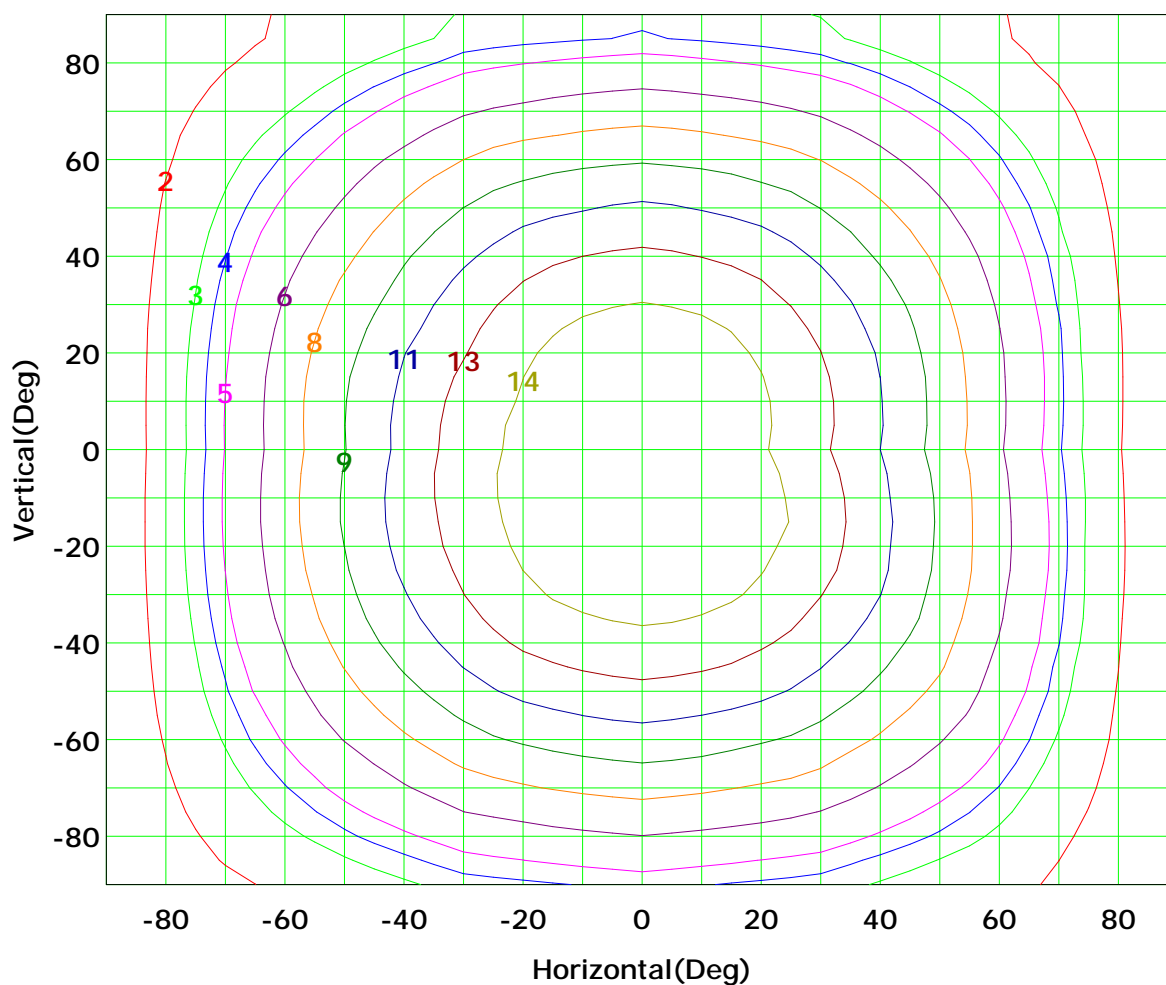
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



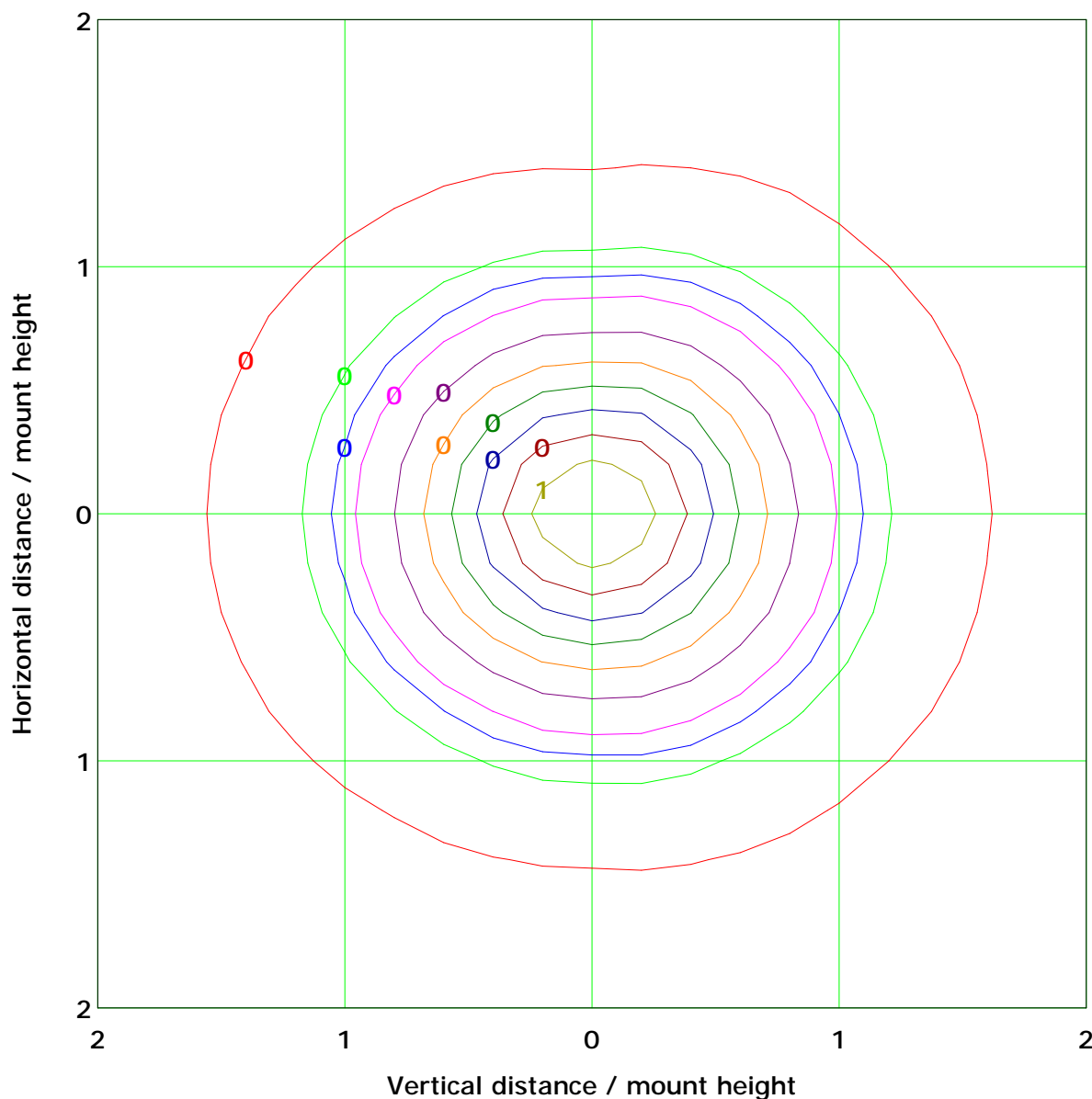
Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	9 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 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%): 0.6 lx

(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.2 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.4 lx
(80%): 0.5 lx	(90%): 0.6 lx

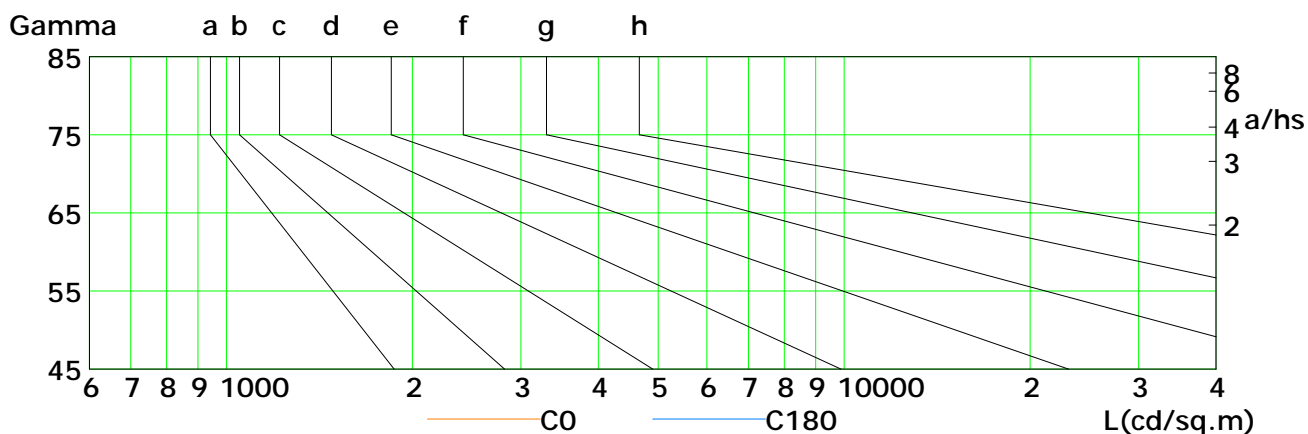
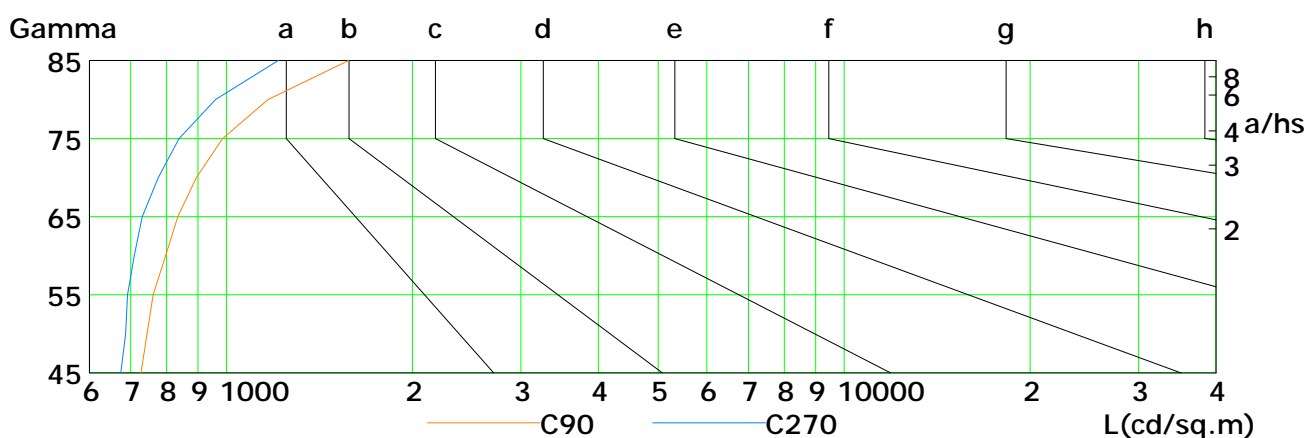
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

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

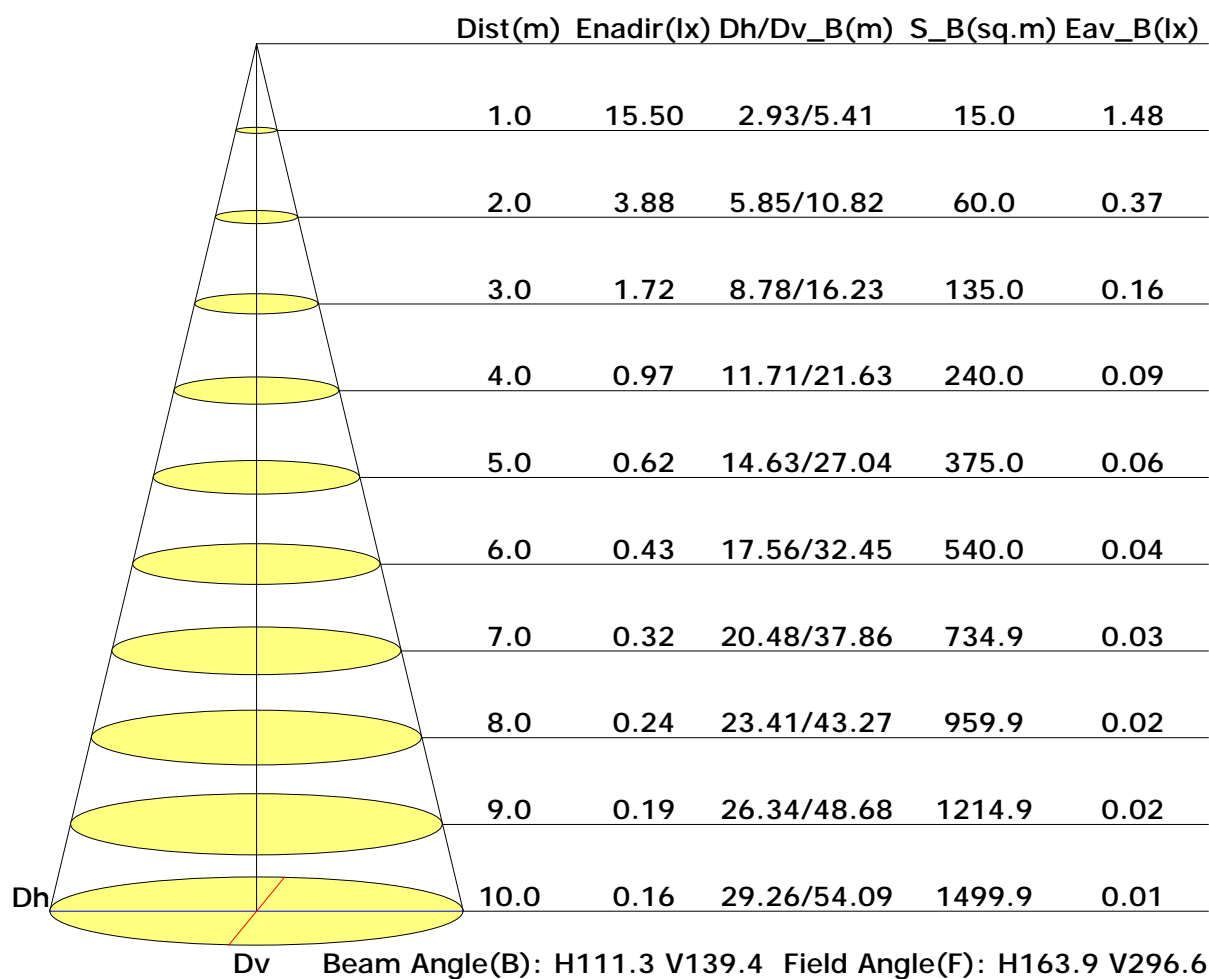


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	350	320	290	256	224	188	148	106	58
C90	728	744	761	798	834	894	986	1168	1579
C180	335	303	269	234	198	160	122	77	33
C270	675	687	692	709	731	775	838	961	1214

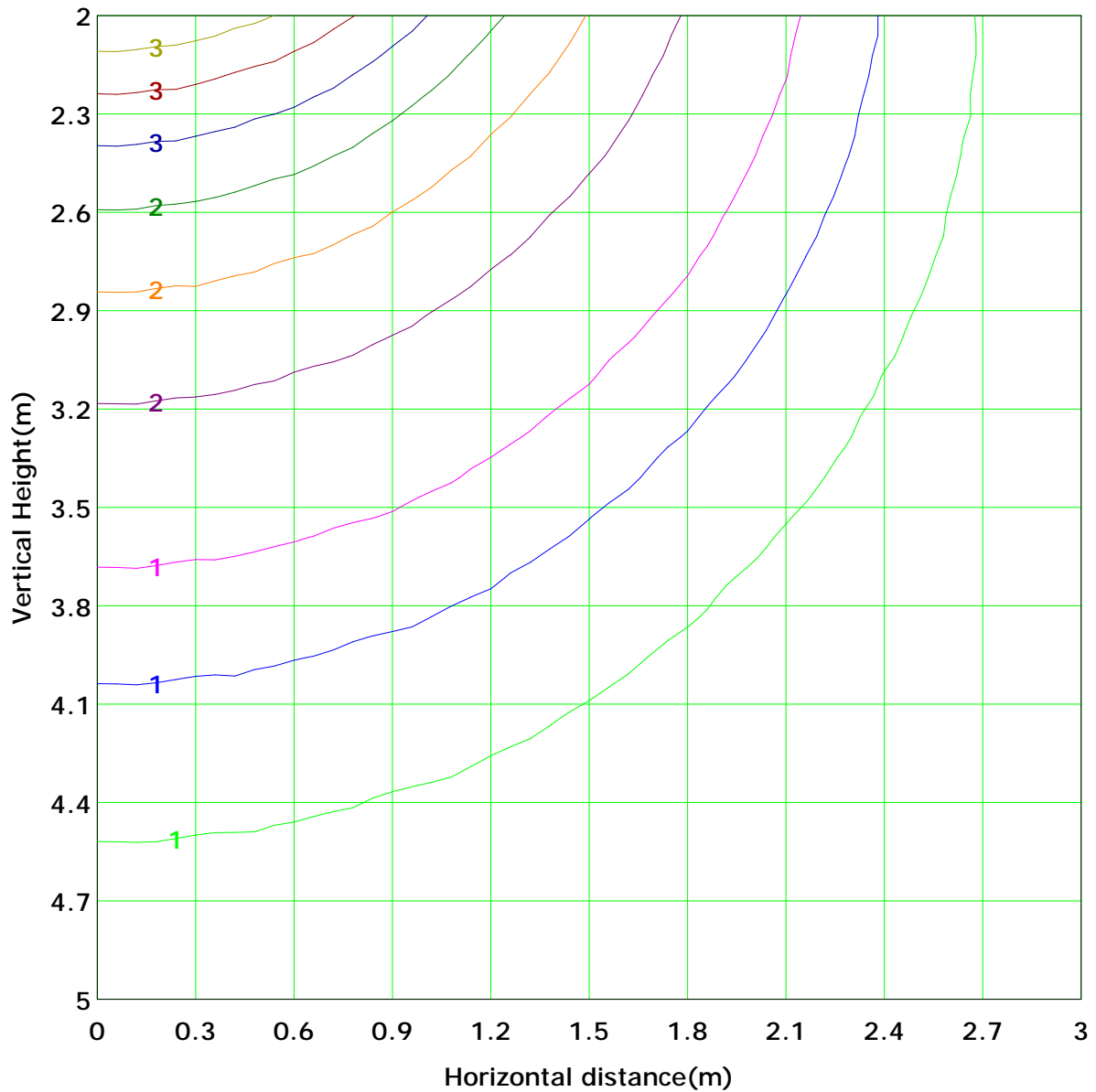
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 3.9 lx
(10%): 0.4 lx	(20%): 0.8 lx	
(25%): 1.0 lx	(30%): 1.2 lx	
(40%): 1.6 lx	(50%): 1.9 lx	
(60%): 2.3 lx	(70%): 2.7 lx	
(80%): 3.1 lx	(90%): 3.5 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

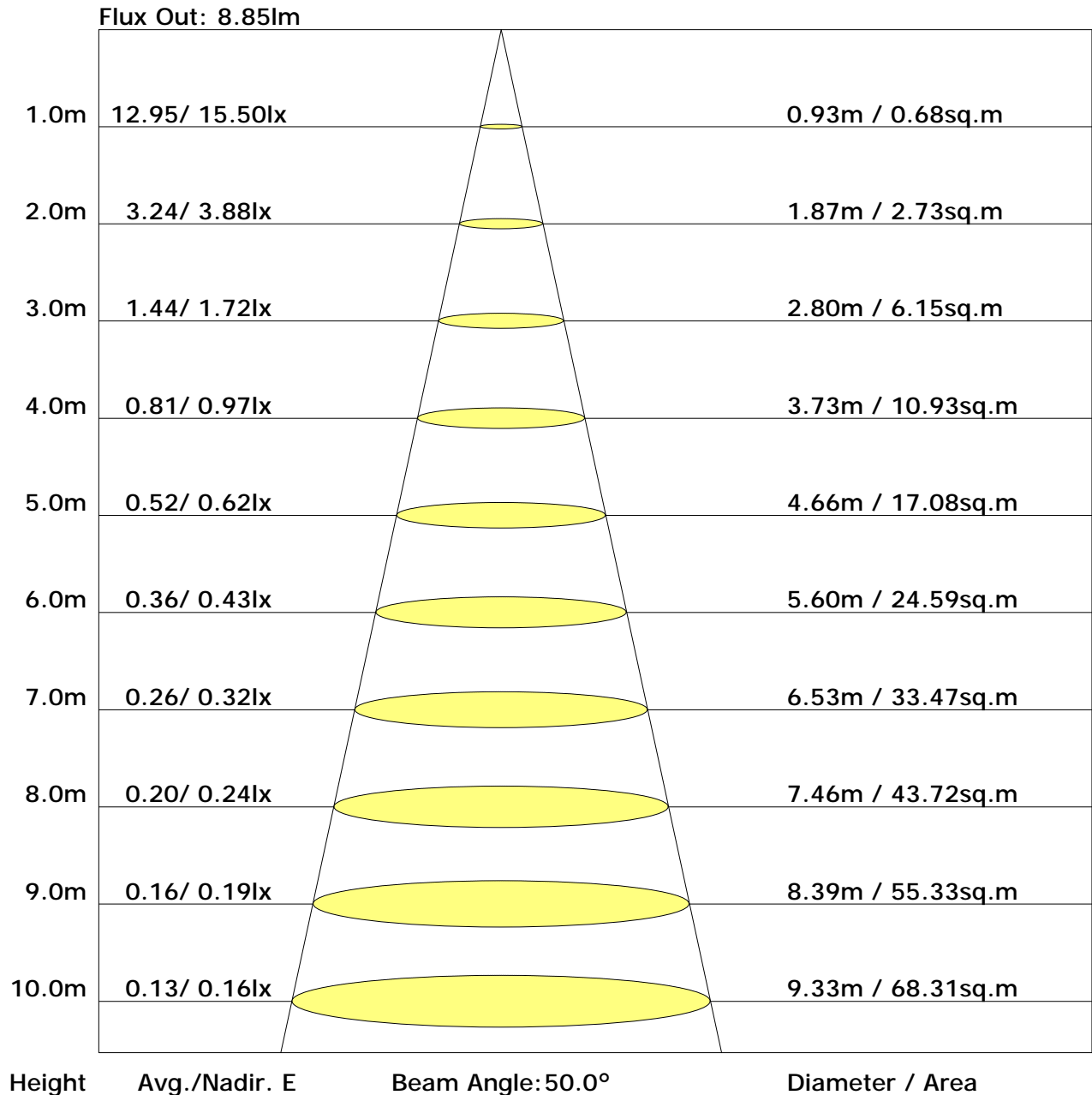
Vertical plane	Horizontal plane																	Flux(T) Flux(E)	Flux(T) Flux(E)	Flux(T) Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T) Flux(E)
-90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0
-60	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0
-50	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
-20	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
10	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
20	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
40	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
50	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.0
60	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
90	0.0	0.0	0.3	1.0	1.9	2.9	4.1	4.1	5.1	5.8	6.2	6.2	5.8	5.1	4.1	3.0	1.9	1.0	0.4	0.0
Flux(T) Flux(E)	0.0	0.3	0.9	1.9	2.9	4.1	5.1	5.1	5.8	6.2	6.2	5.8	5.1	4.1	3.0	1.9	1.0	0.4	0.1	55
Flux(E)	0.0	0.3	0.9	1.9	2.9	4.1	5.1	5.1	5.8	6.2	6.2	5.8	5.1	4.1	3.0	1.9	1.0	0.4	0.0	55

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	17.3	18.7	17.9	19.3	20.0	17.6	19.0	18.2	19.6	20.3
3H	19.2	20.5	19.8	21.1	21.8	19.7	21.0	20.3	21.6	22.3
4H	20.0	21.2	20.6	21.8	22.5	20.7	21.9	21.3	22.5	23.2
6H	20.6	21.7	21.2	22.3	23.1	21.5	22.6	22.1	23.3	24.0
8H	20.8	21.9	21.4	22.5	23.3	21.9	22.9	22.5	23.6	24.3
12H	20.9	22.0	21.6	22.6	23.4	22.2	23.2	22.9	23.9	24.7
X=4H Y=2H	17.9	19.1	18.5	19.7	20.5	18.2	19.4	18.9	20.1	20.8
3H	20.0	21.0	20.7	21.7	22.5	20.6	21.6	21.2	22.3	23.0
4H	20.9	21.9	21.6	22.5	23.3	21.7	22.6	22.3	23.3	24.1
6H	21.7	22.5	22.3	23.2	24.0	22.7	23.5	23.4	24.2	25.0
8H	21.9	22.7	22.6	23.4	24.2	23.1	23.9	23.8	24.6	25.4
12H	22.1	22.8	22.8	23.6	24.4	23.6	24.3	24.3	25.0	25.8
X=8H Y=4H	21.3	22.1	22.0	22.8	23.6	22.0	22.8	22.7	23.5	24.3
6H	22.2	22.8	22.9	23.6	24.4	23.2	23.9	24.0	24.6	25.4
8H	22.5	23.1	23.3	23.9	24.7	23.8	24.4	24.5	25.2	26.0
12H	22.9	23.4	23.6	24.1	25.0	24.4	24.9	25.1	25.7	26.5
X=12H Y=4H	21.4	22.1	22.1	22.8	23.6	22.1	22.8	22.8	23.5	24.3
6H	22.3	22.9	23.0	23.6	24.5	23.3	23.9	24.1	24.6	25.5
8H	22.7	23.3	23.5	24.0	24.9	24.0	24.5	24.7	25.2	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 = 1.50									
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	0.51	0.59	0.67	0.72	0.79	0.84	0.87	0.92	0.95	
	0.30		0.44	0.51	0.59	0.64	0.72	0.78	0.82	0.87	0.91	
	0.20		0.38	0.45	0.53	0.58	0.67	0.72	0.77	0.83	0.87	
0.50	0.50	0.20	0.48	0.56	0.62	0.67	0.73	0.78	0.81	0.85	0.88	
	0.30		0.42	0.49	0.56	0.61	0.68	0.73	0.76	0.81	0.85	
	0.20		0.37	0.44	0.50	0.55	0.63	0.68	0.72	0.78	0.82	
0.30	0.50	0.20	0.45	0.52	0.58	0.62	0.68	0.72	0.75	0.79	0.81	
	0.30		0.40	0.46	0.52	0.57	0.63	0.68	0.71	0.76	0.79	
	0.20		0.35	0.42	0.48	0.53	0.59	0.64	0.68	0.73	0.76	
0.00	0.00	0.00	0.32	0.37	0.43	0.47	0.53	0.58	0.61	0.65	0.68	
Rating: 6W 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	0.65	0.53	0.44	0.39	0.31	0.25	
	0.30		0.82	0.73	0.64	0.57	0.48	0.41	0.36	0.29	0.24	
	0.20		0.71	0.64	0.57	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	0.24	
	0.30		0.78	0.69	0.60	0.54	0.45	0.38	0.33	0.27	0.23	
	0.20		0.67	0.61	0.54	0.49	0.41	0.36	0.31	0.26	0.22	
0.30	0.50	0.20	0.86	0.73	0.63	0.56	0.45	0.38	0.33	0.26	0.22	
	0.30		0.73	0.65	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
	0.20		0.64	0.58	0.51	0.46	0.39	0.34	0.30	0.24	0.20	
0.00	0.00	0.00	0.52	0.47	0.41	0.37	0.31	0.26	0.23	0.19	0.16	
Rating: 6W 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	0.32	0.34	0.34	0.35	0.36	0.36	0.37	0.37	0.38
	0.30		0.25	0.27	0.28	0.29	0.31	0.32	0.33	0.34	0.34
	0.20		0.20	0.22	0.23	0.24	0.26	0.28	0.29	0.31	0.32
0.50	0.50	0.20	0.31	0.32	0.33	0.34	0.35	0.35	0.35	0.36	0.36
	0.30		0.25	0.26	0.27	0.28	0.30	0.31	0.31	0.32	0.33
	0.20		0.20	0.22	0.23	0.24	0.26	0.27	0.28	0.30	0.31
0.30	0.50	0.20	0.30	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.34
	0.30		0.24	0.26	0.27	0.28	0.29	0.30	0.30	0.31	0.32
	0.20		0.20	0.21	0.23	0.24	0.25	0.26	0.27	0.29	0.30
0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Rating: 6W 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	15.5	0.0	0.0	0.02	0.02
1.0-2.0	15.5	0.0	0.1	0.07	0.09
2.0-3.0	15.5	0.1	0.1	0.11	0.20
3.0-4.0	15.5	0.1	0.2	0.16	0.36
4.0-5.0	15.5	0.1	0.4	0.20	0.57
5.0-6.0	15.5	0.2	0.5	0.25	0.82
6.0-7.0	15.5	0.2	0.7	0.29	1.11
7.0-8.0	15.5	0.2	0.9	0.34	1.45
8.0-9.0	15.4	0.3	1.2	0.38	1.83
9.0-10.0	15.4	0.3	1.5	0.43	2.26
10.0-11.0	15.4	0.3	1.8	0.47	2.73
11.0-12.0	15.3	0.3	2.1	0.51	3.24
12.0-13.0	15.3	0.4	2.5	0.56	3.80
13.0-14.0	15.3	0.4	2.9	0.60	4.40
14.0-15.0	15.2	0.4	3.3	0.64	5.04
15.0-16.0	15.2	0.4	3.7	0.68	5.72
16.0-17.0	15.1	0.5	4.2	0.72	6.44
17.0-18.0	15.1	0.5	4.7	0.76	7.21
18.0-19.0	15.0	0.5	5.2	0.80	8.01
19.0-20.0	14.9	0.5	5.8	0.84	8.84
20.0-21.0	14.8	0.6	6.3	0.87	9.71
21.0-22.0	14.8	0.6	6.9	0.91	10.62
22.0-23.0	14.7	0.6	7.6	0.94	11.57
23.0-24.0	14.6	0.6	8.2	0.98	12.54
24.0-25.0	14.5	0.7	8.8	1.01	13.55
25.0-26.0	14.4	0.7	9.5	1.04	14.59
26.0-27.0	14.3	0.7	10.2	1.07	15.66
27.0-28.0	14.2	0.7	10.9	1.10	16.76
28.0-29.0	14.1	0.7	11.7	1.13	17.89
29.0-30.0	13.9	0.8	12.4	1.15	19.04
30.0-31.0	13.8	0.8	13.2	1.18	20.22
31.0-32.0	13.7	0.8	14.0	1.20	21.42
32.0-33.0	13.5	0.8	14.8	1.22	22.64
33.0-34.0	13.4	0.8	15.6	1.24	23.88
34.0-35.0	13.3	0.8	16.4	1.26	25.14
35.0-36.0	13.1	0.8	17.2	1.28	26.42

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	13.0	0.8	18.1	1.30	27.72
37.0-38.0	12.8	0.9	19.0	1.31	29.03
38.0-39.0	12.7	0.9	19.8	1.32	30.35
39.0-40.0	12.5	0.9	20.7	1.34	31.69
40.0-41.0	12.3	0.9	21.6	1.34	33.03
41.0-42.0	12.2	0.9	22.4	1.35	34.39
42.0-43.0	12.0	0.9	23.3	1.36	35.75
43.0-44.0	11.8	0.9	24.2	1.37	37.12
44.0-45.0	11.6	0.9	25.1	1.37	38.49
45.0-46.0	11.5	0.9	26.0	1.37	39.86
46.0-47.0	11.3	0.9	26.9	1.38	41.24
47.0-48.0	11.1	0.9	27.8	1.37	42.61
48.0-49.0	10.9	0.9	28.7	1.37	43.98
49.0-50.0	10.7	0.9	29.6	1.37	45.35
50.0-51.0	10.5	0.9	30.5	1.36	46.72
51.0-52.0	10.3	0.9	31.4	1.36	48.08
52.0-53.0	10.1	0.9	32.3	1.35	49.43
53.0-54.0	9.9	0.9	33.1	1.34	50.77
54.0-55.0	9.7	0.9	34.0	1.33	52.10
55.0-56.0	9.5	0.9	34.9	1.32	53.42
56.0-57.0	9.3	0.9	35.7	1.31	54.72
57.0-58.0	9.1	0.8	36.6	1.29	56.02
58.0-59.0	8.9	0.8	37.4	1.28	57.29
59.0-60.0	8.7	0.8	38.2	1.26	58.55
60.0-61.0	8.5	0.8	39.0	1.24	59.79
61.0-62.0	8.3	0.8	39.8	1.22	61.01
62.0-63.0	8.1	0.8	40.6	1.20	62.21
63.0-64.0	7.8	0.8	41.4	1.18	63.39
64.0-65.0	7.6	0.8	42.1	1.15	64.55
65.0-66.0	7.4	0.7	42.9	1.13	65.68
66.0-67.0	7.2	0.7	43.6	1.10	66.78
67.0-68.0	7.0	0.7	44.3	1.08	67.86
68.0-69.0	6.7	0.7	45.0	1.05	68.91
69.0-70.0	6.5	0.7	45.7	1.02	69.94
70.0-71.0	6.3	0.6	46.3	1.00	70.93
71.0-72.0	6.1	0.6	46.9	0.97	71.90

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:

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	5.8	0.6	47.5	0.94	72.83
73.0-74.0	5.6	0.6	48.1	0.91	73.74
74.0-75.0	5.4	0.6	48.7	0.88	74.62
75.0-76.0	5.2	0.5	49.3	0.84	75.46
76.0-77.0	4.9	0.5	49.8	0.81	76.27
77.0-78.0	4.7	0.5	50.3	0.78	77.04
78.0-79.0	4.5	0.5	50.8	0.74	77.78
79.0-80.0	4.3	0.5	51.2	0.71	78.49
80.0-81.0	4.1	0.4	51.7	0.67	79.16
81.0-82.0	3.8	0.4	52.1	0.64	79.80
82.0-83.0	3.6	0.4	52.5	0.60	80.40
83.0-84.0	3.4	0.4	52.9	0.57	80.97
84.0-85.0	3.2	0.3	53.2	0.53	81.51
85.0-86.0	3.0	0.3	53.5	0.50	82.01
86.0-87.0	2.8	0.3	53.8	0.47	82.48
87.0-88.0	2.7	0.3	54.1	0.45	82.92
88.0-89.0	2.5	0.3	54.4	0.43	83.35
89.0-90.0	2.5	0.3	54.7	0.41	83.76
90.0-91.0	2.4	0.3	54.9	0.40	84.16
91.0-92.0	2.3	0.3	55.2	0.39	84.56
92.0-93.0	2.3	0.3	55.5	0.39	84.94
93.0-94.0	2.3	0.3	55.7	0.39	85.33
94.0-95.0	2.3	0.3	56.0	0.39	85.72
95.0-96.0	2.3	0.2	56.2	0.38	86.10
96.0-97.0	2.3	0.2	56.5	0.38	86.48
97.0-98.0	2.3	0.2	56.7	0.38	86.86
98.0-99.0	2.2	0.2	56.9	0.37	87.23
99.0-100.0	2.2	0.2	57.2	0.37	87.60
100.0-101.0	2.2	0.2	57.4	0.37	87.96
101.0-102.0	2.2	0.2	57.7	0.36	88.33
102.0-103.0	2.2	0.2	57.9	0.36	88.68
103.0-104.0	2.2	0.2	58.1	0.35	89.04
104.0-105.0	2.2	0.2	58.4	0.35	89.39
105.0-106.0	2.1	0.2	58.6	0.35	89.74
106.0-107.0	2.1	0.2	58.8	0.34	90.08
107.0-108.0	2.1	0.2	59.0	0.34	90.41

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	2.1	0.2	59.2	0.33	90.75
109.0-110.0	2.1	0.2	59.5	0.33	91.07
110.0-111.0	2.0	0.2	59.7	0.32	91.39
111.0-112.0	2.0	0.2	59.9	0.31	91.70
112.0-113.0	2.0	0.2	60.1	0.31	92.01
113.0-114.0	2.0	0.2	60.3	0.30	92.32
114.0-115.0	2.0	0.2	60.5	0.30	92.62
115.0-116.0	1.9	0.2	60.7	0.29	92.91
116.0-117.0	1.9	0.2	60.8	0.29	93.20
117.0-118.0	1.9	0.2	61.0	0.28	93.48
118.0-119.0	1.9	0.2	61.2	0.28	93.76
119.0-120.0	1.9	0.2	61.4	0.27	94.03
120.0-121.0	1.8	0.2	61.6	0.26	94.30
121.0-122.0	1.8	0.2	61.7	0.26	94.55
122.0-123.0	1.8	0.2	61.9	0.25	94.80
123.0-124.0	1.7	0.2	62.0	0.24	95.04
124.0-125.0	1.7	0.2	62.2	0.24	95.28
125.0-126.0	1.7	0.1	62.3	0.23	95.51
126.0-127.0	1.7	0.1	62.5	0.22	95.73
127.0-128.0	1.6	0.1	62.6	0.22	95.95
128.0-129.0	1.6	0.1	62.8	0.21	96.16
129.0-130.0	1.6	0.1	62.9	0.21	96.37
130.0-131.0	1.6	0.1	63.0	0.20	96.57
131.0-132.0	1.5	0.1	63.2	0.19	96.76
132.0-133.0	1.5	0.1	63.3	0.18	96.94
133.0-134.0	1.5	0.1	63.4	0.18	97.12
134.0-135.0	1.4	0.1	63.5	0.17	97.29
135.0-136.0	1.4	0.1	63.6	0.16	97.45
136.0-137.0	1.4	0.1	63.7	0.16	97.61
137.0-138.0	1.3	0.1	63.8	0.15	97.76
138.0-139.0	1.3	0.1	63.9	0.14	97.91
139.0-140.0	1.3	0.1	64.0	0.14	98.05
140.0-141.0	1.3	0.1	64.1	0.14	98.18
141.0-142.0	1.2	0.1	64.2	0.13	98.31
142.0-143.0	1.2	0.1	64.3	0.12	98.44
143.0-144.0	1.2	0.1	64.3	0.12	98.56

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	1.2	0.1	64.4	0.11	98.67
145.0-146.0	1.1	0.1	64.5	0.11	98.78
146.0-147.0	1.1	0.1	64.5	0.10	98.88
147.0-148.0	1.0	0.1	64.6	0.09	98.97
148.0-149.0	1.0	0.1	64.7	0.09	99.06
149.0-150.0	1.0	0.1	64.7	0.08	99.14
150.0-151.0	0.9	0.0	64.8	0.08	99.21
151.0-152.0	0.9	0.0	64.8	0.07	99.29
152.0-153.0	0.9	0.0	64.9	0.07	99.35
153.0-154.0	0.8	0.0	64.9	0.06	99.42
154.0-155.0	0.8	0.0	64.9	0.06	99.47
155.0-156.0	0.8	0.0	65.0	0.05	99.53
156.0-157.0	0.7	0.0	65.0	0.05	99.58
157.0-158.0	0.7	0.0	65.0	0.05	99.63
158.0-159.0	0.7	0.0	65.1	0.04	99.67
159.0-160.0	0.7	0.0	65.1	0.04	99.71
160.0-161.0	0.6	0.0	65.1	0.04	99.75
161.0-162.0	0.6	0.0	65.1	0.03	99.78
162.0-163.0	0.6	0.0	65.2	0.03	99.81
163.0-164.0	0.6	0.0	65.2	0.03	99.84
164.0-165.0	0.6	0.0	65.2	0.02	99.86
165.0-166.0	0.5	0.0	65.2	0.02	99.88
166.0-167.0	0.5	0.0	65.2	0.02	99.90
167.0-168.0	0.5	0.0	65.2	0.02	99.92
168.0-169.0	0.4	0.0	65.2	0.01	99.93
169.0-170.0	0.4	0.0	65.2	0.01	99.95
170.0-171.0	0.4	0.0	65.3	0.01	99.96
171.0-172.0	0.4	0.0	65.3	0.01	99.97
172.0-173.0	0.4	0.0	65.3	0.01	99.98
173.0-174.0	0.4	0.0	65.3	0.01	99.98
174.0-175.0	0.4	0.0	65.3	0.01	99.99
175.0-176.0	0.3	0.0	65.3	0.00	99.99
176.0-177.0	0.3	0.0	65.3	0.00	100.00
177.0-178.0	0.3	0.0	65.3	0.00	100.00
178.0-179.0	0.3	0.0	65.3	0.00	100.00
179.0-180.0	0.3	0.0	65.3	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: