

Report No.:

Test Time: 2022/3/22 13:08

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Addressable Ribbonlyte RB0RGBWADD6.0RGB40

Luminaire Description: RGBW 0.5M RED

Luminous Length (mm): 500

Luminous Width (mm): 15

Luminous Height (mm): 5

Voltage: 24.0 V

Current: 0.135 A

Power: 3.24 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 55.0 lm

Measurement Flux: 55 lm

Efficiency: 100%

Downward Ratio: 92%

Upward Ratio: 8%

Horizontal Diffuse Angle(10%,50%): H166.8,H117.9

Vertical Diffuse Angle(10%,50%): V163.7,V117.7

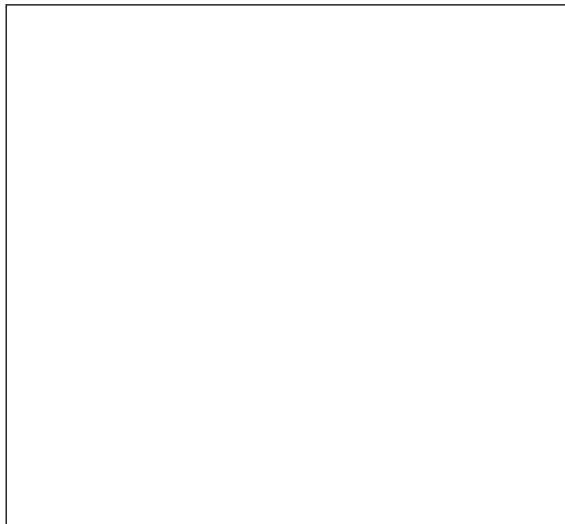
Luminaire Efficacy Rating (LER): 17

Central Intensity: 16.54 cd

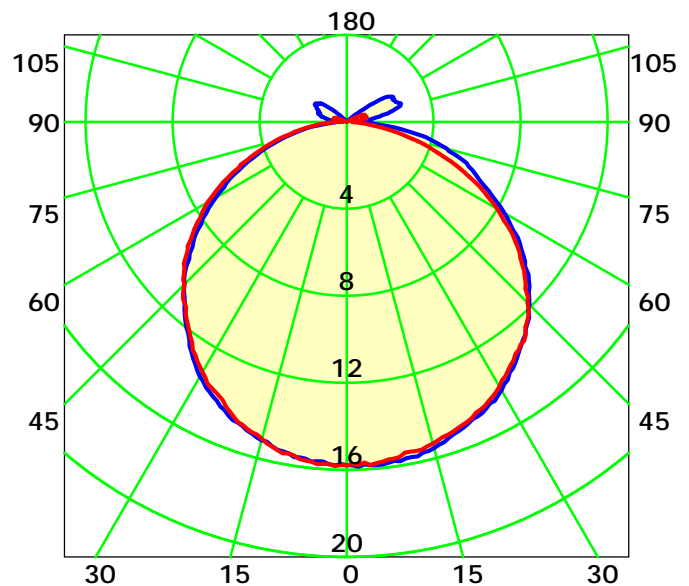
Max. Intensity: 16.64 cd

Pos of Max. Intensity: H30 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 117.8° 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

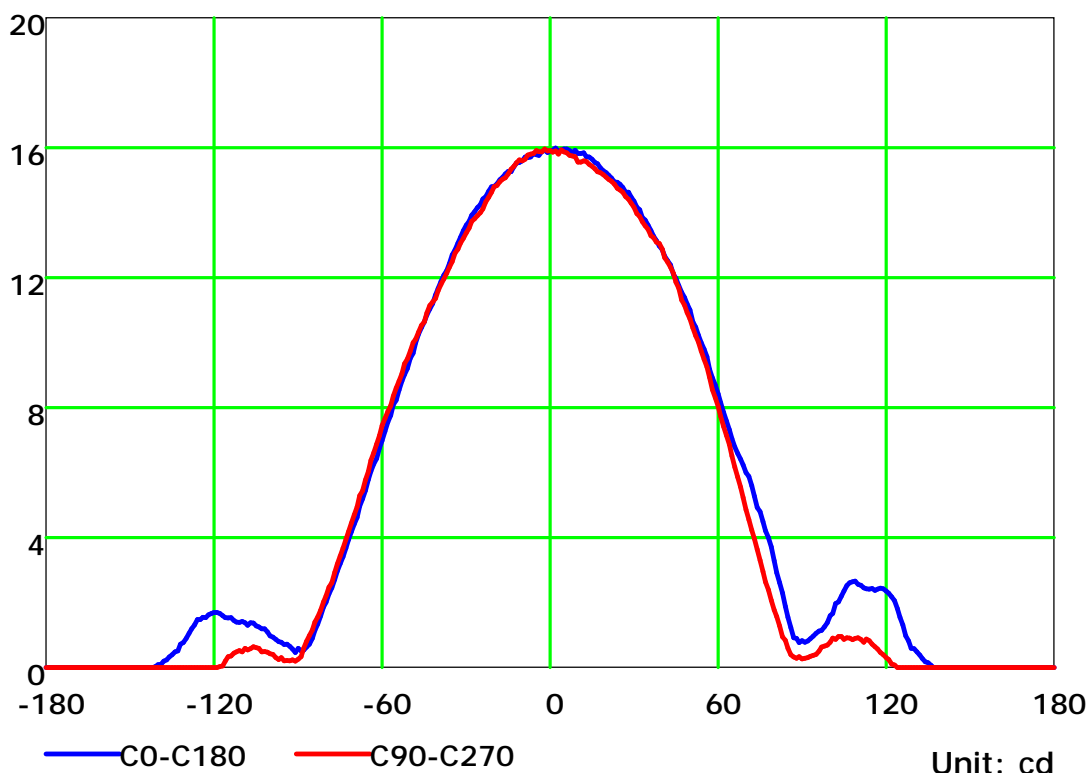
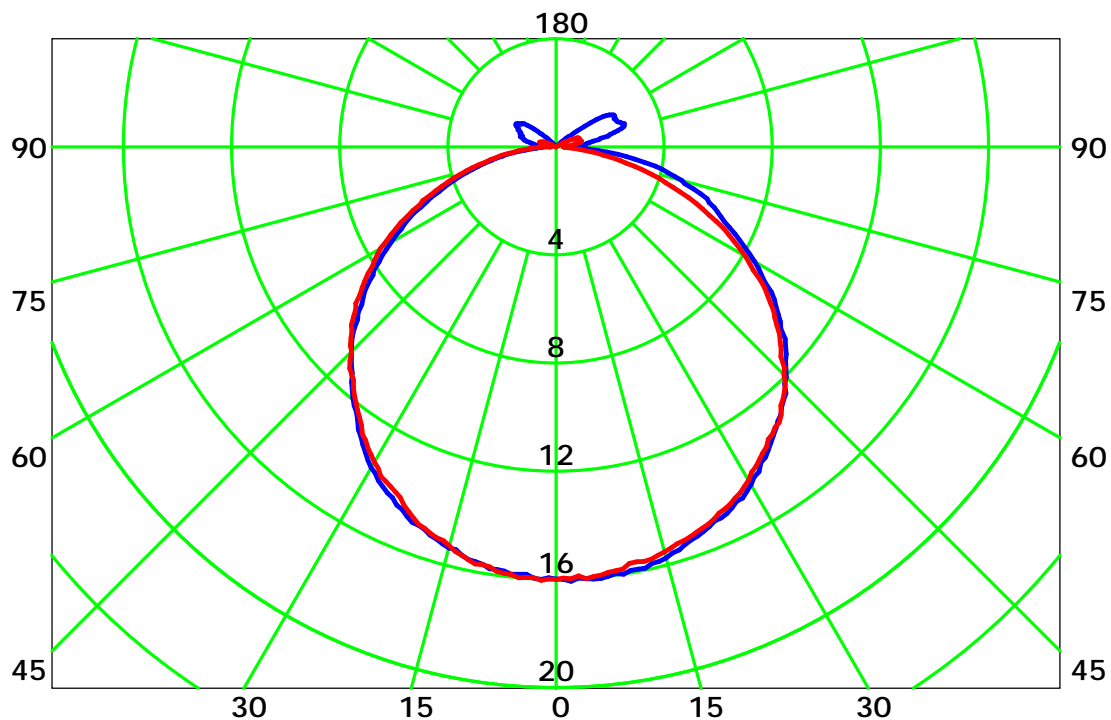
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

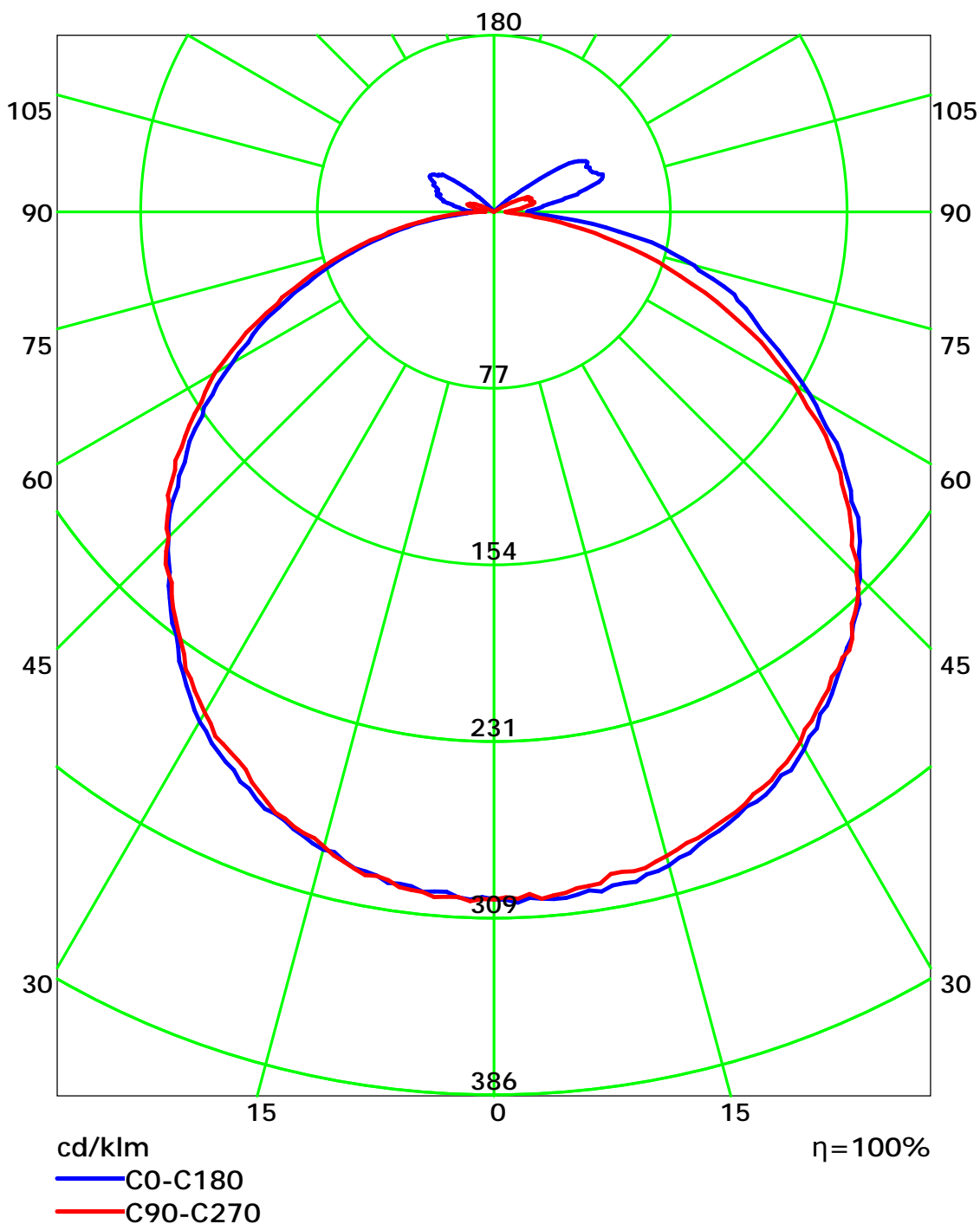
Luminous Intensity Distribution Curve



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: 9.390 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: 9.390 m
Humidity: 60%
Inspector:

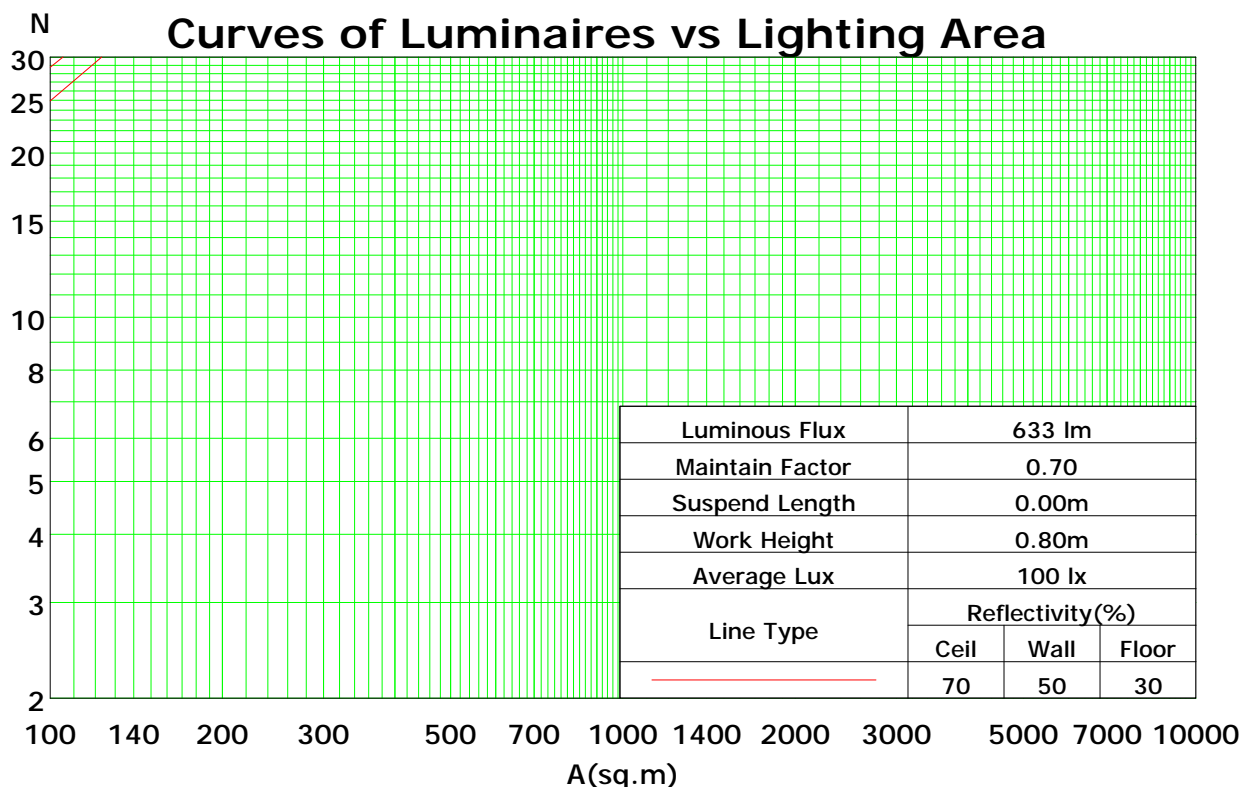
Coefficients Of Utilization - Zonal Cavity Method

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	92
1	107	102	97	93	103	99	95	91	93	90	87	88	85	83	83	81	79	76
2	97	88	81	75	93	86	79	74	81	75	71	76	72	68	72	69	66	63
3	88	77	69	62	85	75	67	61	71	64	59	67	62	57	63	59	55	53
4	80	68	59	52	77	66	58	52	63	56	50	59	53	49	56	51	47	45
5	74	61	52	45	71	59	51	44	56	49	43	53	47	42	51	45	41	38
6	68	54	45	39	65	53	45	38	50	43	38	48	42	37	46	40	36	33
7	63	49	40	34	61	48	40	34	46	38	33	44	37	32	42	36	32	29
8	58	45	36	30	56	44	36	30	42	35	29	40	34	29	38	32	28	26
9	55	41	33	27	53	40	32	27	38	31	26	37	30	26	35	30	25	23
10	51	38	30	25	49	37	29	24	36	29	24	34	28	23	33	27	23	21

Spacing Criteria (0-180): 1.30

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.42



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

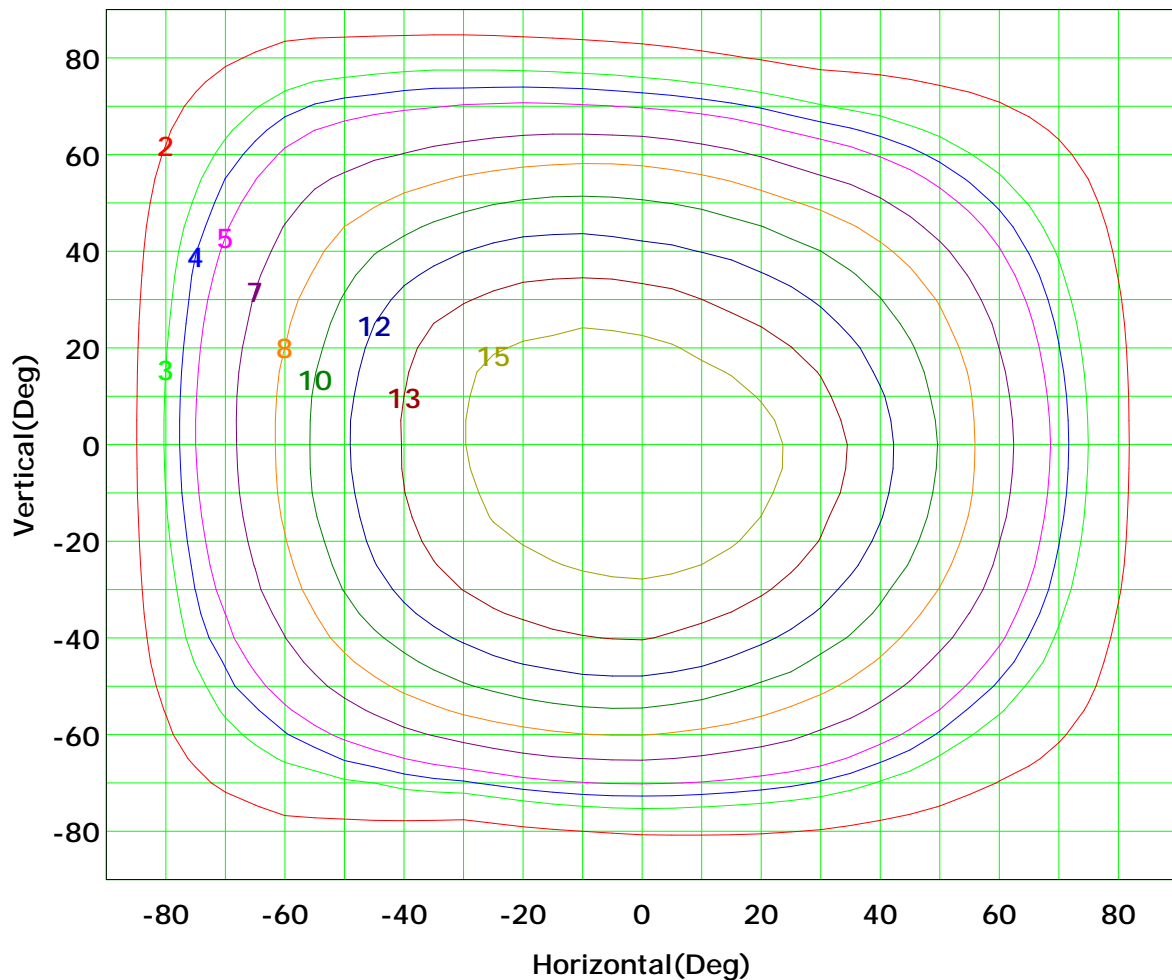
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



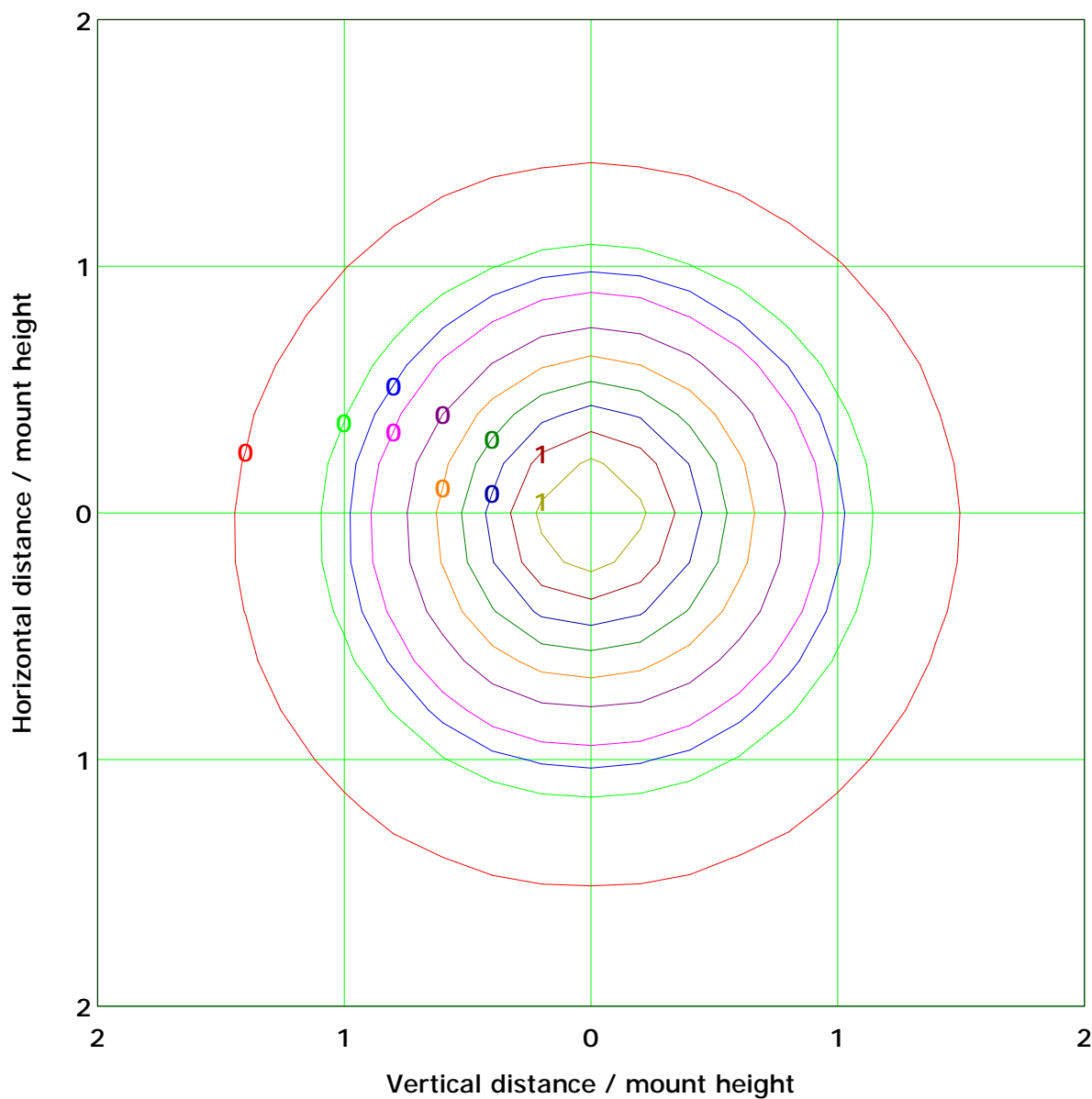
I_{max} (100%): 17 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	7 cd	(50%):	8 cd
(60%):	10 cd	(70%):	12 cd
(80%):	13 cd	(90%):	15 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: 9.390 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.7 lx

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

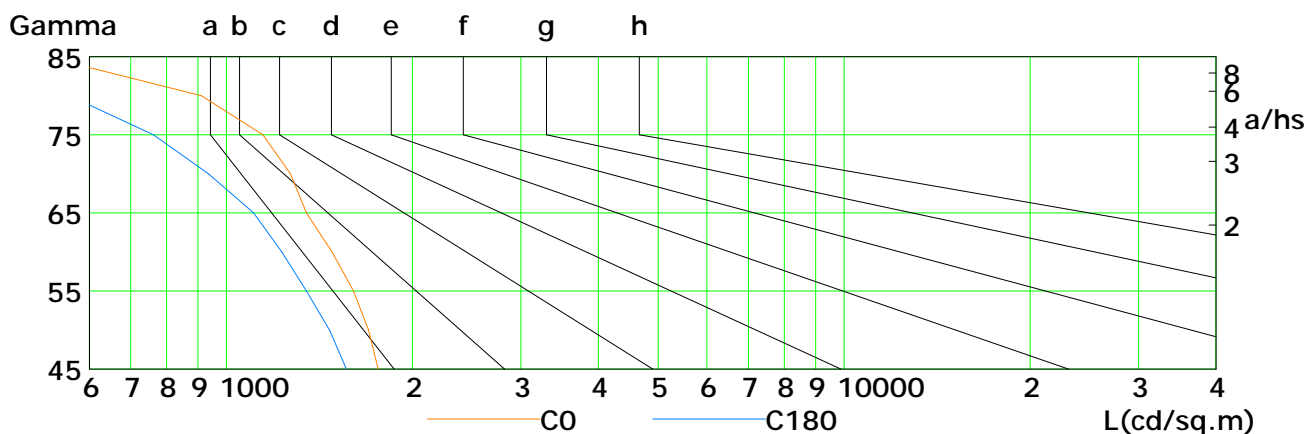
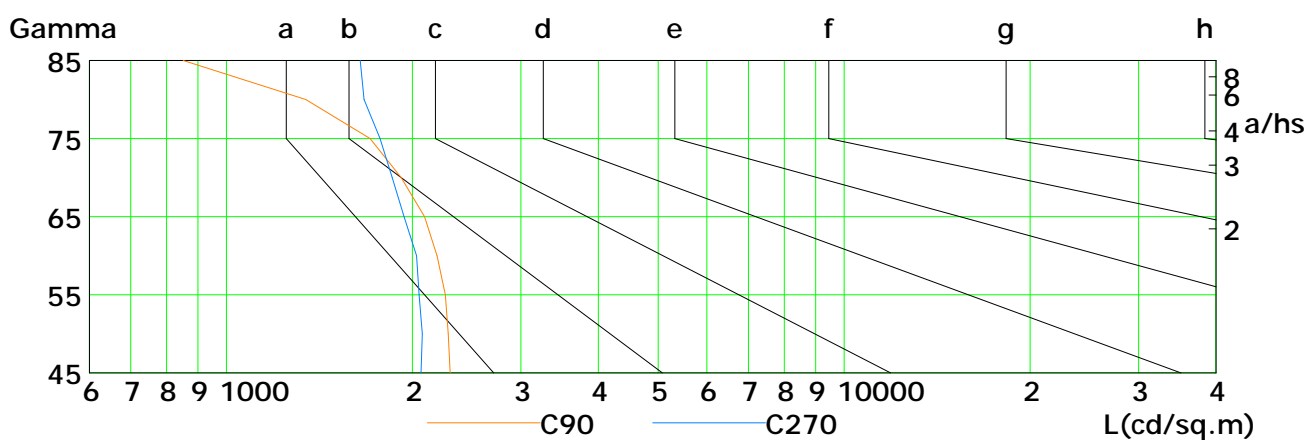
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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

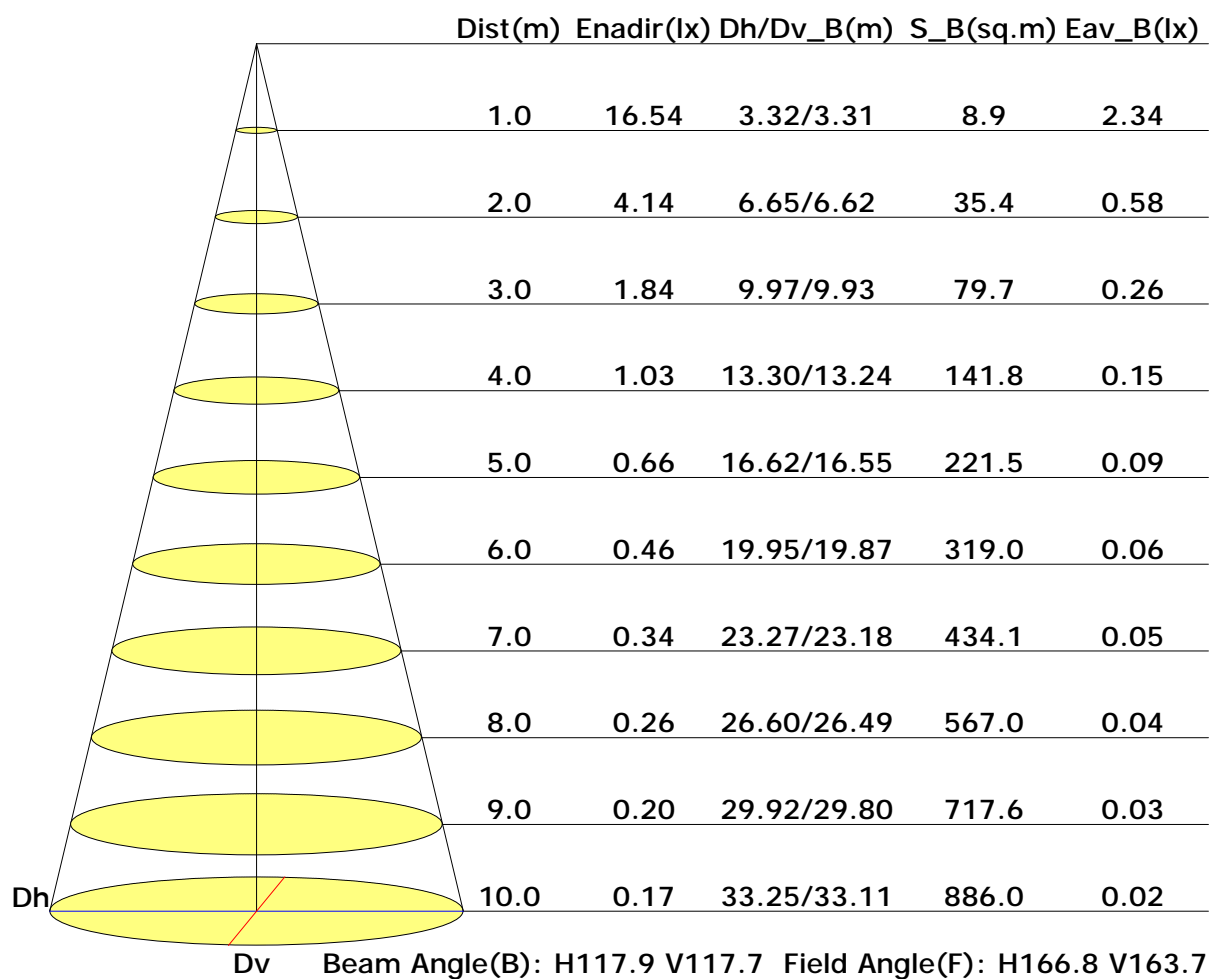


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1762	1700	1606	1483	1349	1270	1146	911	512
C90	2304	2288	2262	2194	2094	1920	1708	1344	851
C180	1566	1470	1348	1229	1108	936	762	558	299
C270	2067	2077	2051	2031	1940	1855	1773	1671	1647

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: 9.390 m
Humidity: 60%
Inspector:

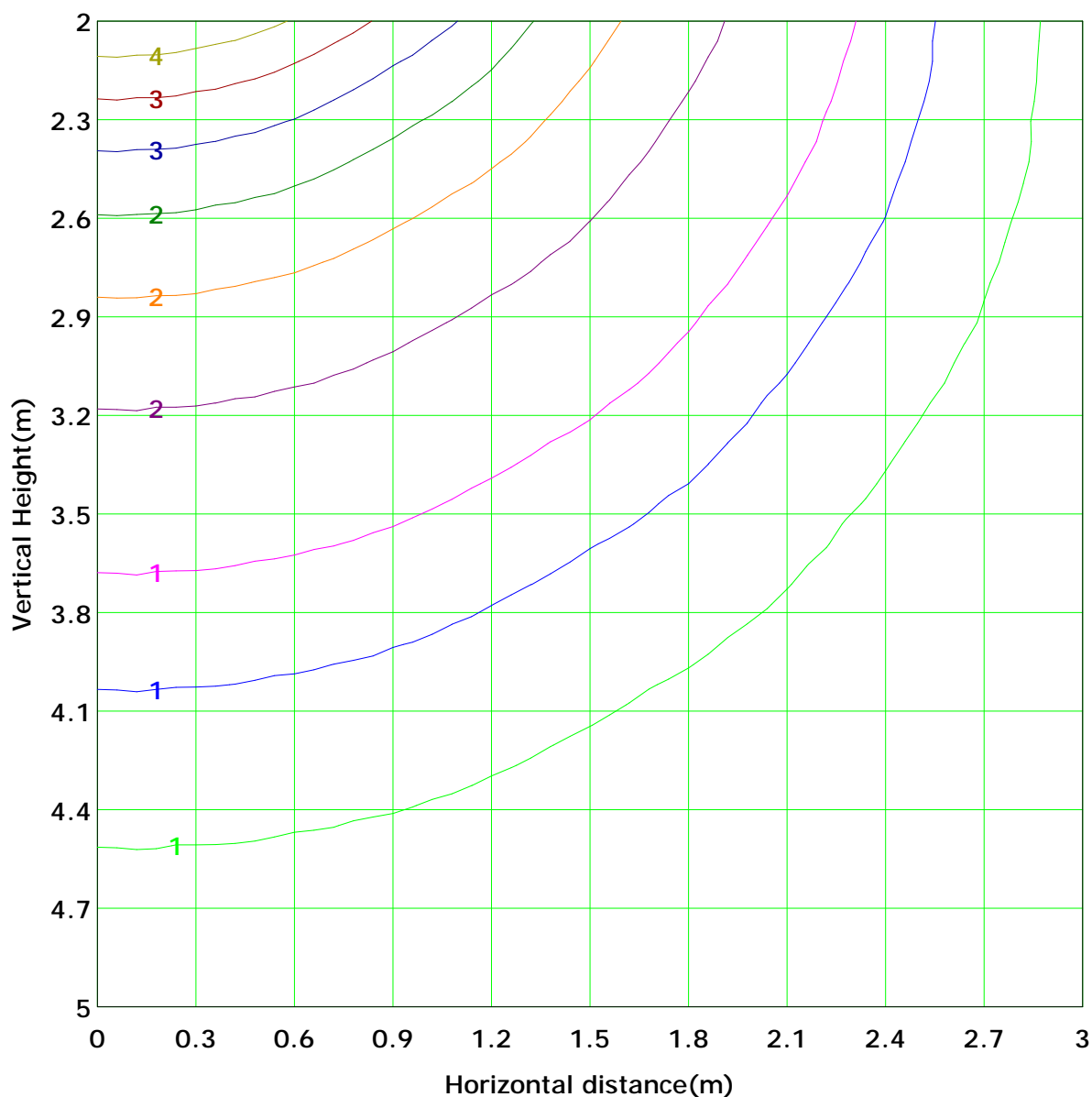
Illuminance at a Distance



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: 9.390 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 4.1 lx
(10%): 0.4 lx	(20%): 0.8 lx	
(25%): 1.0 lx	(30%): 1.2 lx	
(40%): 1.7 lx	(50%): 2.1 lx	
(60%): 2.5 lx	(70%): 2.9 lx	
(80%): 3.3 lx	(90%): 3.7 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: 9.390 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

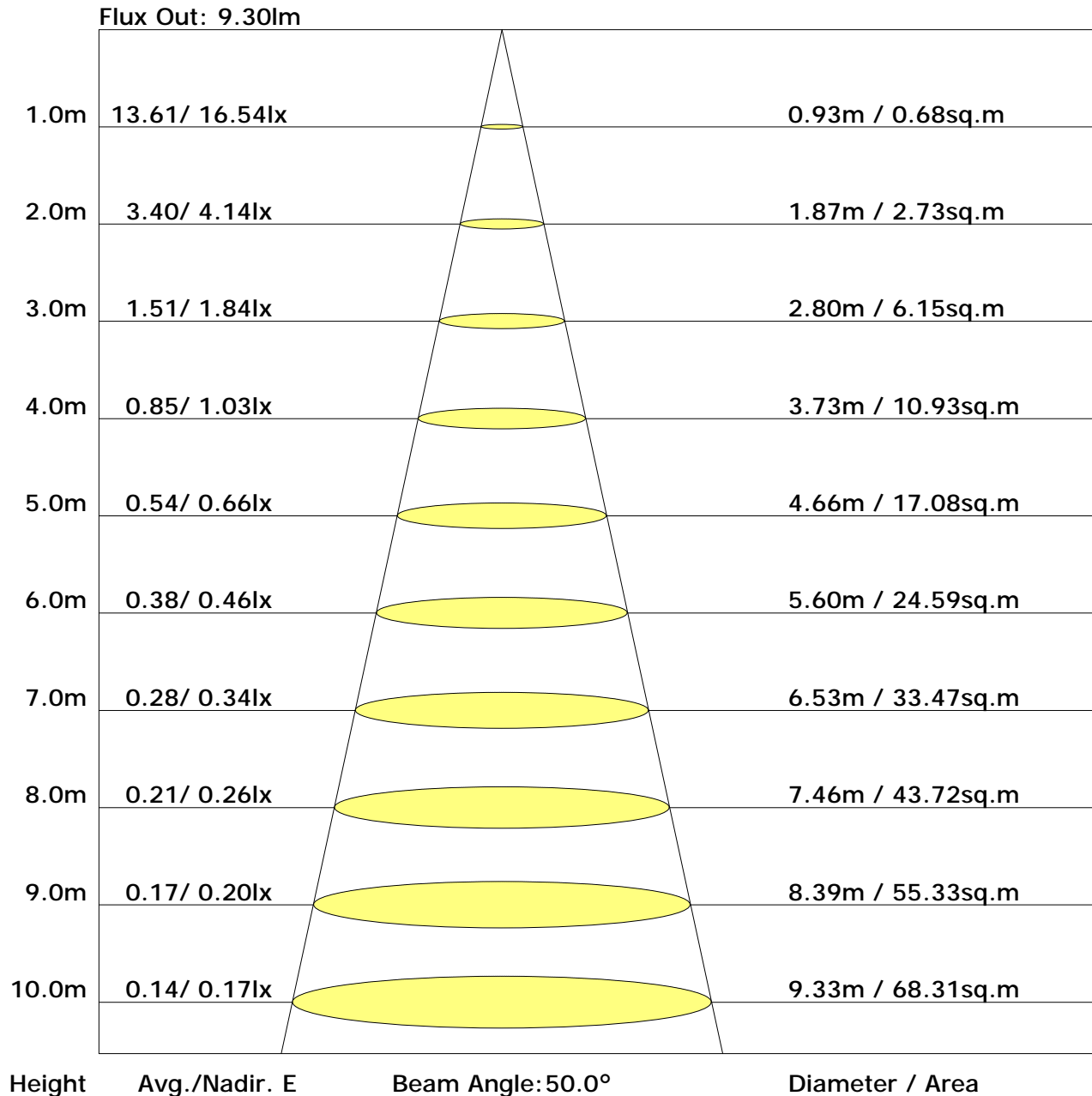
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
	-70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
	-60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	1.6	0.0
	-50	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.5	0.0
	-40	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	3.5	0.0
	-30	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.0	4.4	0.0
	-20	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.0	5.1	0.0
	-10	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	5.5	0.0
	0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	5.6	0.0
	10	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	5.7	0.0
	20	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	5.4	0.0
	30	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	4.9	0.0
	40	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	4.1	0.0
	50	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	3.1	0.0
	60	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	2.1	0.0
	70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
	80	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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	0.1	51	0.0
																					Flux(T)Flux(E)	50

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: 9.390 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: 9.390 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	24.6	26.1	25.1	26.6	27.1	23.3	24.8	23.8	25.2	25.7
3H	26.7	28.0	27.2	28.5	29.1	24.8	26.1	25.3	26.6	27.2
4H	27.6	28.9	28.1	29.4	29.9	25.3	26.5	25.8	27.0	27.6
6H	28.4	29.6	29.0	30.1	30.7	25.5	26.7	26.0	27.2	27.7
8H	28.7	29.8	29.3	30.4	31.0	25.5	26.6	26.1	27.2	27.8
12H	28.9	30.0	29.5	30.5	31.1	25.5	26.6	26.1	27.1	27.7
X=4H Y=2H	25.1	26.3	25.6	26.8	27.4	23.9	25.1	24.4	25.6	26.2
3H	27.4	28.5	27.9	29.0	29.6	25.6	26.6	26.1	27.2	27.8
4H	28.4	29.4	29.0	30.0	30.6	26.1	27.1	26.7	27.6	28.3
6H	29.4	30.2	30.0	30.8	31.5	26.4	27.3	27.0	27.8	28.5
8H	29.8	30.5	30.3	31.1	31.8	26.5	27.3	27.1	27.8	28.5
12H	30.0	30.7	30.6	31.3	32.0	26.5	27.2	27.1	27.8	28.5
X=8H Y=4H	28.6	29.4	29.2	30.0	30.6	26.4	27.2	26.9	27.7	28.4
6H	29.7	30.4	30.3	31.0	31.6	26.7	27.4	27.3	28.0	28.7
8H	30.1	30.7	30.8	31.4	32.0	26.8	27.4	27.4	28.0	28.7
12H	30.5	31.0	31.1	31.6	32.4	26.8	27.4	27.5	28.0	28.7
X=12H Y=4H	28.6	29.3	29.2	30.0	30.6	26.4	27.1	27.0	27.7	28.4
6H	29.7	30.3	30.4	30.9	31.6	26.8	27.4	27.4	28.0	28.7
8H	30.2	30.7	30.8	31.3	32.1	26.9	27.4	27.5	28.0	28.7

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: 9.390 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	0.57	0.65	0.72	0.78	0.85	0.90	0.93	0.97	1.00
	0.30		0.49	0.57	0.65	0.71	0.79	0.84	0.88	0.93	0.97
	0.20		0.44	0.52	0.59	0.65	0.73	0.79	0.84	0.90	0.94
0.50	0.50	0.20	0.54	0.62	0.69	0.74	0.80	0.85	0.88	0.92	0.95
	0.30		0.48	0.55	0.63	0.68	0.75	0.80	0.84	0.89	0.92
	0.20		0.43	0.50	0.58	0.63	0.71	0.76	0.80	0.86	0.89
0.30	0.50	0.20	0.52	0.59	0.66	0.70	0.76	0.80	0.83	0.87	0.90
	0.30		0.46	0.54	0.61	0.65	0.72	0.77	0.80	0.84	0.87
	0.20		0.42	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
0.00	0.00	0.00	0.39	0.46	0.52	0.57	0.64	0.68	0.72	0.76	0.79
Rating: 3W 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	0.95	0.81	0.69	0.60	0.48	0.40	0.34	0.27	0.22	
	0.30		0.80	0.69	0.60	0.53	0.43	0.37	0.32	0.25	0.21	
	0.20		0.68	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.50	0.50	0.20	0.90	0.77	0.65	0.56	0.45	0.41	0.32	0.25	0.20	
	0.30		0.76	0.66	0.57	0.51	0.41	0.35	0.30	0.24	0.19	
	0.20		0.66	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.19	
0.30	0.50	0.20	0.86	0.72	0.61	0.53	0.42	0.35	0.30	0.23	0.19	
	0.30		0.74	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18	
	0.20		0.64	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.18	
0.00	0.00	0.00	0.53	0.46	0.40	0.35	0.28	0.24	0.21	0.16	0.13	
Rating: 3W 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	0.24	0.25	0.26	0.26	0.27	0.28	0.28	0.29	0.29
	0.30		0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.26	0.27
	0.20		0.12	0.14	0.15	0.17	0.19	0.20	0.21	0.23	0.24
0.50	0.50	0.20	0.23	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28
	0.30		0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.26
	0.20		0.12	0.14	0.15	0.16	0.18	0.20	0.21	0.22	0.23
0.30	0.50	0.20	0.22	0.23	0.24	0.25	0.25	0.26	0.26	0.26	0.27
	0.30		0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25
	0.20		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.23
0.00	0.00	0.00	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Rating: 3W 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	16.5	0.0	0.0	0.03	0.03
1.0-2.0	16.5	0.0	0.1	0.09	0.12
2.0-3.0	16.5	0.1	0.1	0.14	0.26
3.0-4.0	16.5	0.1	0.3	0.20	0.46
4.0-5.0	16.5	0.1	0.4	0.26	0.72
5.0-6.0	16.5	0.2	0.6	0.31	1.03
6.0-7.0	16.5	0.2	0.8	0.37	1.40
7.0-8.0	16.4	0.2	1.0	0.43	1.83
8.0-9.0	16.4	0.3	1.3	0.48	2.31
9.0-10.0	16.3	0.3	1.6	0.54	2.85
10.0-11.0	16.3	0.3	1.9	0.59	3.44
11.0-12.0	16.2	0.4	2.2	0.64	4.09
12.0-13.0	16.2	0.4	2.6	0.70	4.78
13.0-14.0	16.1	0.4	3.0	0.75	5.53
14.0-15.0	16.0	0.4	3.5	0.80	6.33
15.0-16.0	16.0	0.5	4.0	0.85	7.18
16.0-17.0	15.9	0.5	4.4	0.90	8.08
17.0-18.0	15.8	0.5	5.0	0.95	9.03
18.0-19.0	15.7	0.5	5.5	0.99	10.03
19.0-20.0	15.6	0.6	6.1	1.04	11.07
20.0-21.0	15.5	0.6	6.7	1.08	12.15
21.0-22.0	15.4	0.6	7.3	1.13	13.28
22.0-23.0	15.3	0.6	7.9	1.17	14.45
23.0-24.0	15.2	0.7	8.6	1.21	15.65
24.0-25.0	15.1	0.7	9.3	1.25	16.90
25.0-26.0	15.0	0.7	10.0	1.29	18.19
26.0-27.0	14.9	0.7	10.7	1.32	19.51
27.0-28.0	14.8	0.7	11.5	1.36	20.87
28.0-29.0	14.6	0.8	12.2	1.39	22.26
29.0-30.0	14.5	0.8	13.0	1.42	23.68
30.0-31.0	14.3	0.8	13.8	1.45	25.13
31.0-32.0	14.2	0.8	14.6	1.48	26.61
32.0-33.0	14.0	0.8	15.5	1.50	28.11
33.0-34.0	13.9	0.8	16.3	1.53	29.64
34.0-35.0	13.7	0.9	17.2	1.55	31.18
35.0-36.0	13.5	0.9	18.0	1.57	32.75

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: 9.390 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	13.4	0.9	18.9	1.59	34.34
37.0-38.0	13.2	0.9	19.8	1.60	35.94
38.0-39.0	13.0	0.9	20.7	1.62	37.56
39.0-40.0	12.9	0.9	21.6	1.63	39.19
40.0-41.0	12.7	0.9	22.5	1.64	40.83
41.0-42.0	12.5	0.9	23.4	1.65	42.48
42.0-43.0	12.3	0.9	24.3	1.66	44.13
43.0-44.0	12.1	0.9	25.2	1.66	45.79
44.0-45.0	11.9	0.9	26.1	1.66	47.45
45.0-46.0	11.7	0.9	27.0	1.66	49.11
46.0-47.0	11.5	0.9	27.9	1.66	50.77
47.0-48.0	11.2	0.9	28.8	1.65	52.42
48.0-49.0	11.0	0.9	29.7	1.64	54.07
49.0-50.0	10.8	0.9	30.6	1.63	55.70
50.0-51.0	10.5	0.9	31.5	1.62	57.32
51.0-52.0	10.3	0.9	32.4	1.60	58.92
52.0-53.0	10.0	0.9	33.3	1.59	60.51
53.0-54.0	9.8	0.9	34.1	1.57	62.08
54.0-55.0	9.5	0.9	35.0	1.55	63.63
55.0-56.0	9.3	0.8	35.8	1.52	65.15
56.0-57.0	9.0	0.8	36.7	1.50	66.65
57.0-58.0	8.7	0.8	37.5	1.46	68.11
58.0-59.0	8.4	0.8	38.2	1.43	69.54
59.0-60.0	8.1	0.8	39.0	1.40	70.94
60.0-61.0	7.9	0.8	39.8	1.37	72.31
61.0-62.0	7.6	0.7	40.5	1.33	73.63
62.0-63.0	7.3	0.7	41.2	1.29	74.92
63.0-64.0	7.0	0.7	41.9	1.25	76.17
64.0-65.0	6.7	0.7	42.6	1.21	77.38
65.0-66.0	6.4	0.6	43.2	1.16	78.54
66.0-67.0	6.1	0.6	43.8	1.12	79.66
67.0-68.0	5.8	0.6	44.4	1.08	80.74
68.0-69.0	5.6	0.6	45.0	1.03	81.77
69.0-70.0	5.3	0.5	45.5	0.99	82.76
70.0-71.0	5.0	0.5	46.0	0.94	83.70
71.0-72.0	4.7	0.5	46.5	0.89	84.59

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: 9.390 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	4.4	0.5	47.0	0.84	85.44
73.0-74.0	4.1	0.4	47.4	0.79	86.23
74.0-75.0	3.9	0.4	47.8	0.74	86.97
75.0-76.0	3.6	0.4	48.2	0.69	87.65
76.0-77.0	3.3	0.3	48.6	0.63	88.29
77.0-78.0	3.0	0.3	48.9	0.58	88.87
78.0-79.0	2.7	0.3	49.2	0.53	89.41
79.0-80.0	2.4	0.3	49.4	0.48	89.88
80.0-81.0	2.2	0.2	49.7	0.43	90.31
81.0-82.0	1.9	0.2	49.9	0.37	90.68
82.0-83.0	1.6	0.2	50.1	0.32	91.01
83.0-84.0	1.4	0.1	50.2	0.27	91.27
84.0-85.0	1.1	0.1	50.3	0.22	91.49
85.0-86.0	0.9	0.1	50.4	0.18	91.67
86.0-87.0	0.7	0.1	50.5	0.15	91.82
87.0-88.0	0.6	0.1	50.6	0.12	91.94
88.0-89.0	0.5	0.1	50.6	0.10	92.05
89.0-90.0	0.5	0.1	50.7	0.10	92.14
90.0-91.0	0.5	0.1	50.7	0.09	92.24
91.0-92.0	0.5	0.1	50.8	0.10	92.33
92.0-93.0	0.5	0.1	50.8	0.10	92.44
93.0-94.0	0.6	0.1	50.9	0.11	92.55
94.0-95.0	0.6	0.1	51.0	0.12	92.66
95.0-96.0	0.6	0.1	51.0	0.13	92.79
96.0-97.0	0.7	0.1	51.1	0.14	92.93
97.0-98.0	0.7	0.1	51.2	0.15	93.07
98.0-99.0	0.8	0.1	51.3	0.16	93.23
99.0-100.0	0.9	0.1	51.4	0.18	93.41
100.0-101.0	1.0	0.1	51.5	0.19	93.61
101.0-102.0	1.1	0.1	51.6	0.21	93.81
102.0-103.0	1.1	0.1	51.7	0.22	94.03
103.0-104.0	1.2	0.1	51.8	0.23	94.26
104.0-105.0	1.2	0.1	52.0	0.24	94.50
105.0-106.0	1.3	0.1	52.1	0.25	94.75
106.0-107.0	1.3	0.1	52.3	0.26	95.00
107.0-108.0	1.3	0.1	52.4	0.26	95.26

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: 9.390 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	1.4	0.1	52.5	0.26	95.51
109.0-110.0	1.4	0.1	52.7	0.26	95.77
110.0-111.0	1.4	0.1	52.8	0.25	96.02
111.0-112.0	1.3	0.1	52.9	0.25	96.27
112.0-113.0	1.3	0.1	53.1	0.24	96.51
113.0-114.0	1.3	0.1	53.2	0.24	96.75
114.0-115.0	1.3	0.1	53.3	0.24	96.99
115.0-116.0	1.3	0.1	53.5	0.23	97.22
116.0-117.0	1.3	0.1	53.6	0.22	97.44
117.0-118.0	1.2	0.1	53.7	0.22	97.66
118.0-119.0	1.2	0.1	53.8	0.21	97.87
119.0-120.0	1.2	0.1	53.9	0.21	98.08
120.0-121.0	1.2	0.1	54.1	0.20	98.28
121.0-122.0	1.2	0.1	54.2	0.20	98.48
122.0-123.0	1.1	0.1	54.3	0.19	98.67
123.0-124.0	1.1	0.1	54.4	0.18	98.84
124.0-125.0	1.0	0.1	54.5	0.17	99.01
125.0-126.0	1.0	0.1	54.5	0.16	99.17
126.0-127.0	0.9	0.1	54.6	0.14	99.31
127.0-128.0	0.8	0.1	54.7	0.13	99.44
128.0-129.0	0.7	0.1	54.7	0.11	99.54
129.0-130.0	0.6	0.1	54.8	0.09	99.64
130.0-131.0	0.5	0.0	54.8	0.08	99.72
131.0-132.0	0.4	0.0	54.9	0.06	99.78
132.0-133.0	0.3	0.0	54.9	0.05	99.83
133.0-134.0	0.3	0.0	54.9	0.04	99.87
134.0-135.0	0.2	0.0	54.9	0.03	99.91
135.0-136.0	0.2	0.0	55.0	0.03	99.94
136.0-137.0	0.2	0.0	55.0	0.02	99.96
137.0-138.0	0.1	0.0	55.0	0.02	99.97
138.0-139.0	0.1	0.0	55.0	0.01	99.98
139.0-140.0	0.1	0.0	55.0	0.01	99.99
140.0-141.0	0.0	0.0	55.0	0.00	100.00
141.0-142.0	0.0	0.0	55.0	0.00	100.00
142.0-143.0	0.0	0.0	55.0	0.00	100.00
143.0-144.0	0.0	0.0	55.0	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: 9.390 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	55.0	0.00	100.00
145.0-146.0	0.0	0.0	55.0	0.00	100.00
146.0-147.0	0.0	0.0	55.0	0.00	100.00
147.0-148.0	0.0	0.0	55.0	0.00	100.00
148.0-149.0	0.0	0.0	55.0	0.00	100.00
149.0-150.0	0.0	0.0	55.0	0.00	100.00
150.0-151.0	0.0	0.0	55.0	0.00	100.00
151.0-152.0	0.0	0.0	55.0	0.00	100.00
152.0-153.0	0.0	0.0	55.0	0.00	100.00
153.0-154.0	0.0	0.0	55.0	0.00	100.00
154.0-155.0	0.0	0.0	55.0	0.00	100.00
155.0-156.0	0.0	0.0	55.0	0.00	100.00
156.0-157.0	0.0	0.0	55.0	0.00	100.00
157.0-158.0	0.0	0.0	55.0	0.00	100.00
158.0-159.0	0.0	0.0	55.0	0.00	100.00
159.0-160.0	0.0	0.0	55.0	0.00	100.00
160.0-161.0	0.0	0.0	55.0	0.00	100.00
161.0-162.0	0.0	0.0	55.0	0.00	100.00
162.0-163.0	0.0	0.0	55.0	0.00	100.00
163.0-164.0	0.0	0.0	55.0	0.00	100.00
164.0-165.0	0.0	0.0	55.0	0.00	100.00
165.0-166.0	0.0	0.0	55.0	0.00	100.00
166.0-167.0	0.0	0.0	55.0	0.00	100.00
167.0-168.0	0.0	0.0	55.0	0.00	100.00
168.0-169.0	0.0	0.0	55.0	0.00	100.00
169.0-170.0	0.0	0.0	55.0	0.00	100.00
170.0-171.0	0.0	0.0	55.0	0.00	100.00
171.0-172.0	0.0	0.0	55.0	0.00	100.00
172.0-173.0	0.0	0.0	55.0	0.00	100.00
173.0-174.0	0.0	0.0	55.0	0.00	100.00
174.0-175.0	0.0	0.0	55.0	0.00	100.00
175.0-176.0	0.0	0.0	55.0	0.00	100.00
176.0-177.0	0.0	0.0	55.0	0.00	100.00
177.0-178.0	0.0	0.0	55.0	0.00	100.00
178.0-179.0	0.0	0.0	55.0	0.00	100.00
179.0-180.0	0.0	0.0	55.0	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: 9.390 m
Humidity: 60%
Inspector: