

Report No.: 20221130

Test Time: 2022/12/1 12:34

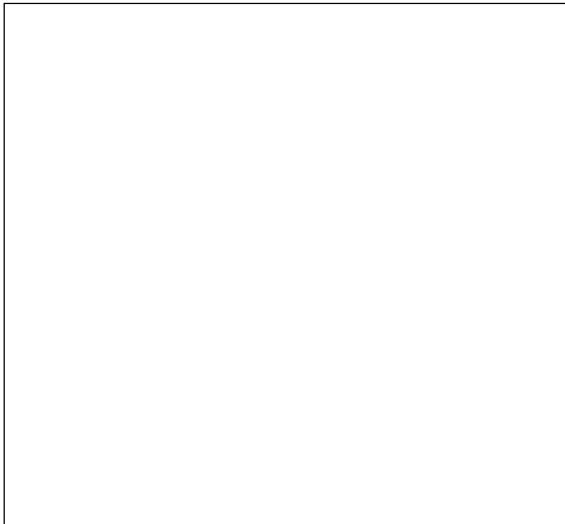
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Neon Contour Plus
Luminaire Description: Neon Contour Plus RGBW-White only
Lamp Catalog: NLCP4.5RGB30-White only Number of Lamps: 1
Luminous Length (mm): 1000 Luminous Width (mm): 10
Luminous Height (mm): 25 Voltage: 24.0 V
Current: 0.229 A Power: 5.50 W
Power Factor: 1.000

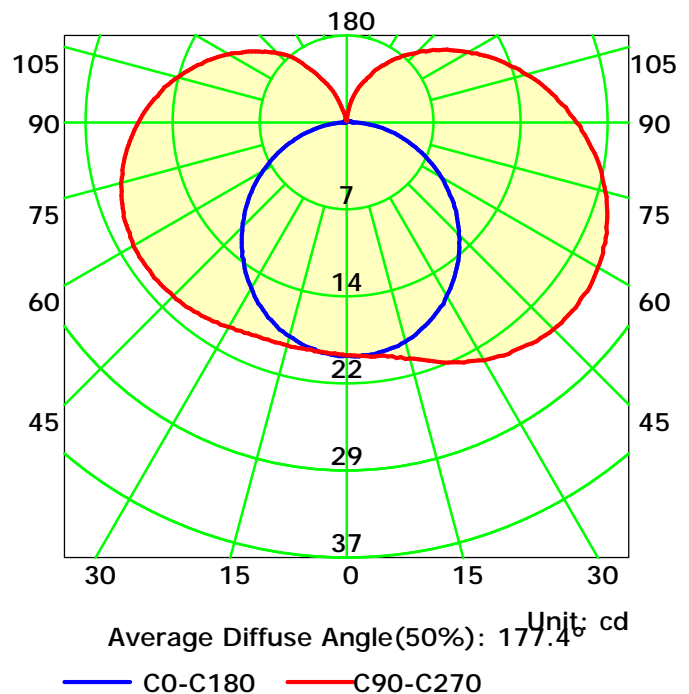
Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 144.6 lm
Downward Ratio: 71%
Horizontal Diffuse Angle(10%,50%): H165.9,H111.8
Vertical Diffuse Angle(10%,50%): V323.2,V242.9
Luminaire Efficacy Rating (LER): 26
Max. Intensity: 25.23 cd
Total Rated Lamp Lumens: 144.6 lm
Efficiency: 100%
Upward Ratio: 29%
Central Intensity: 19.97 cd
Pos of Max. Intensity: H90 V51

Picture Of Luminaire



Luminous Intensity Distribution Curve

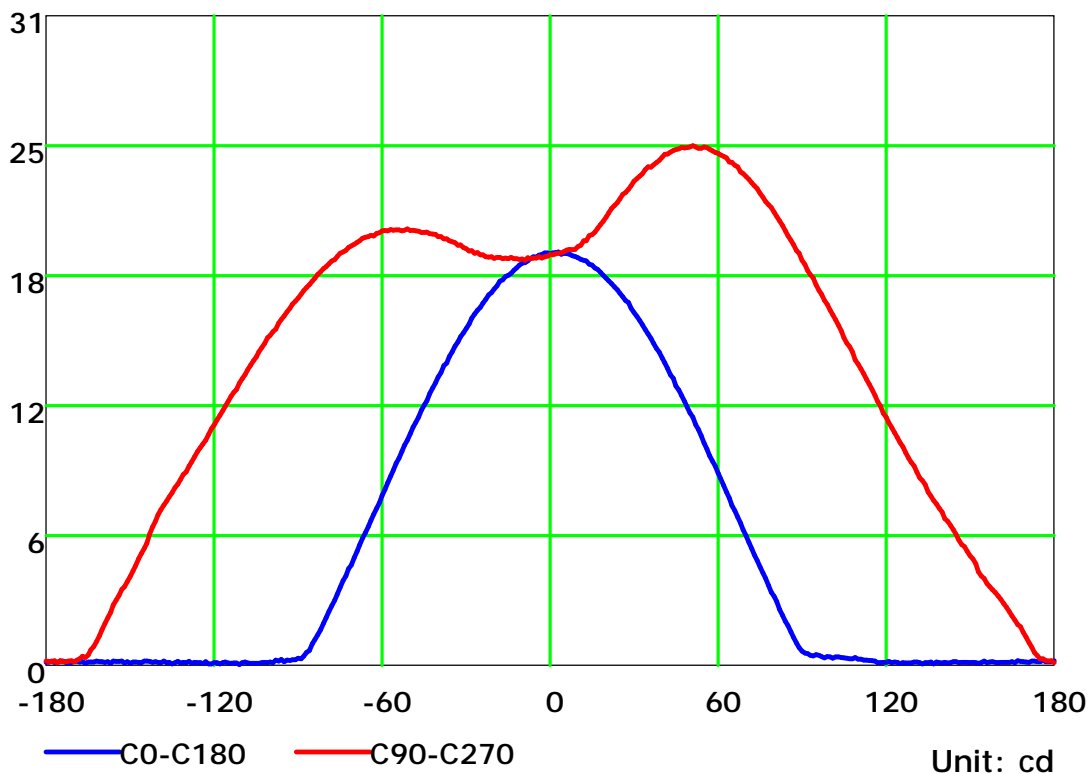
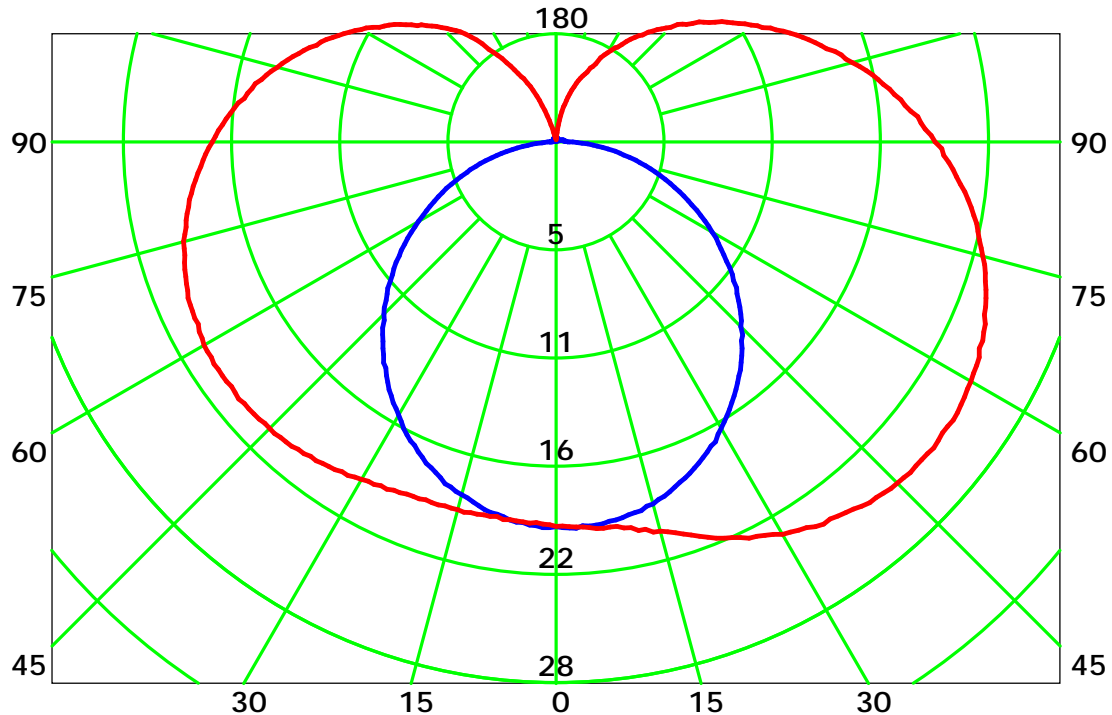


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



Luminous Intensity Distribution Curve

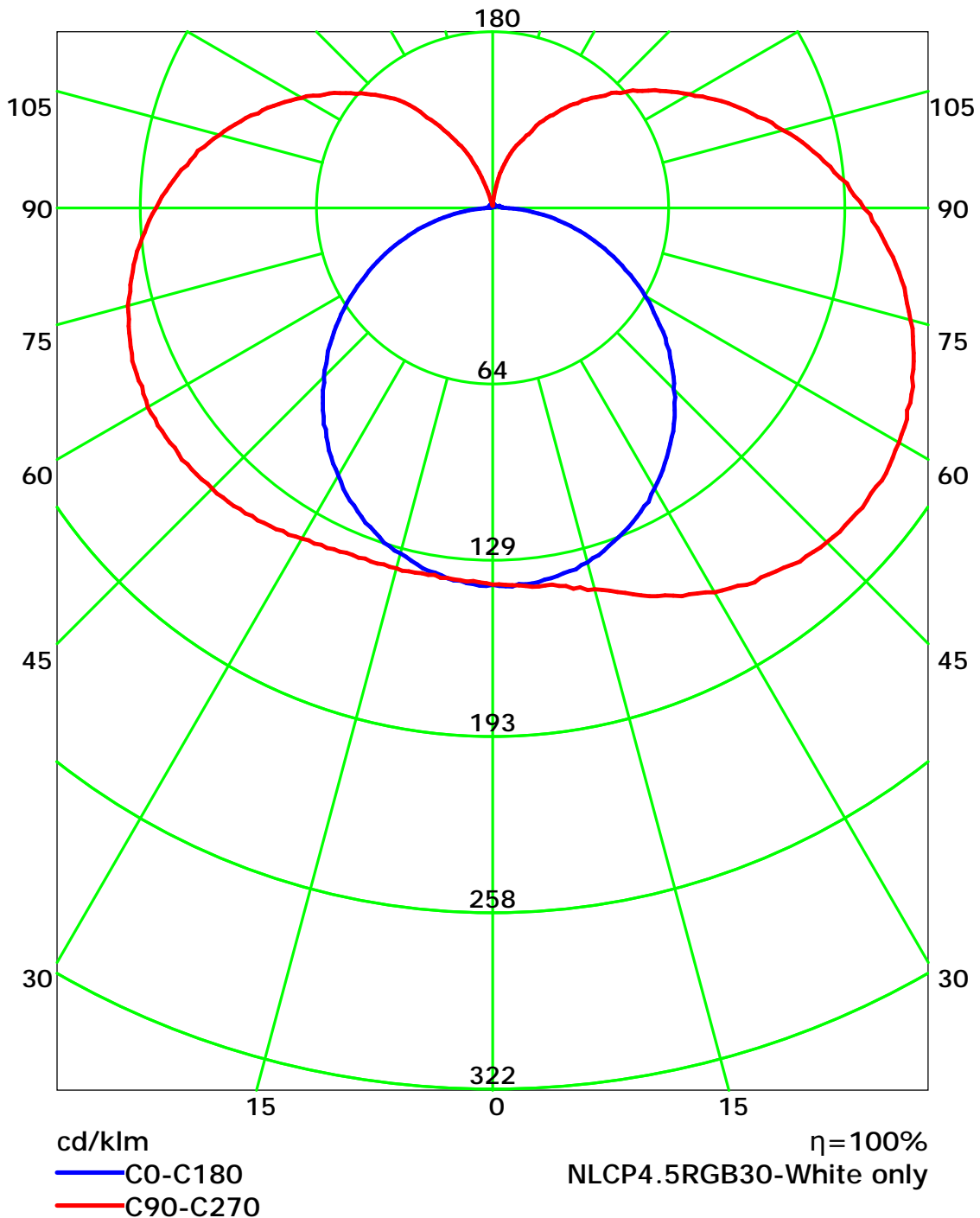


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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:

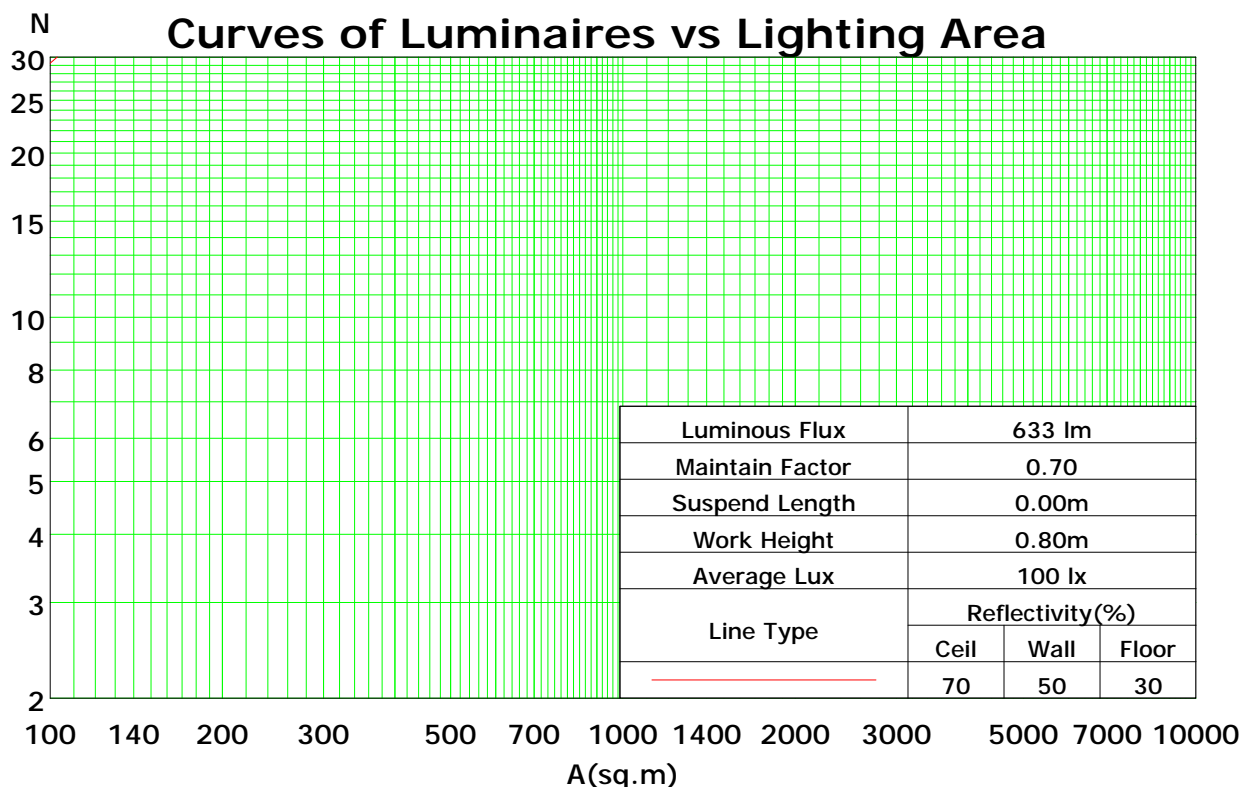
Coefficients Of Utilization - Zonal Cavity Method

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	75	75	75	71
1	98	92	86	81	92	86	81	77	77	73	69	68	64	62	60	57	55	50
2	87	77	69	62	82	73	66	59	65	59	53	57	52	48	50	46	43	39
3	79	67	57	50	74	63	54	48	56	49	43	49	43	39	43	38	34	31
4	71	58	48	41	67	55	46	39	49	41	36	43	37	32	37	33	28	25
5	65	51	42	34	61	48	40	33	43	36	30	38	32	27	33	28	24	21
6	60	46	36	29	56	43	35	28	38	31	26	34	28	23	30	25	21	18
7	55	41	32	25	52	39	30	24	35	27	22	31	25	20	27	22	18	16
8	51	37	28	22	48	35	27	21	32	25	20	28	22	18	25	20	16	14
9	48	34	25	20	45	32	24	19	29	22	17	26	20	16	23	18	14	12
10	45	31	23	18	42	29	22	17	27	20	15	24	18	14	21	16	13	11

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.72

Spacing Criteria (Diagonal): 1.66



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

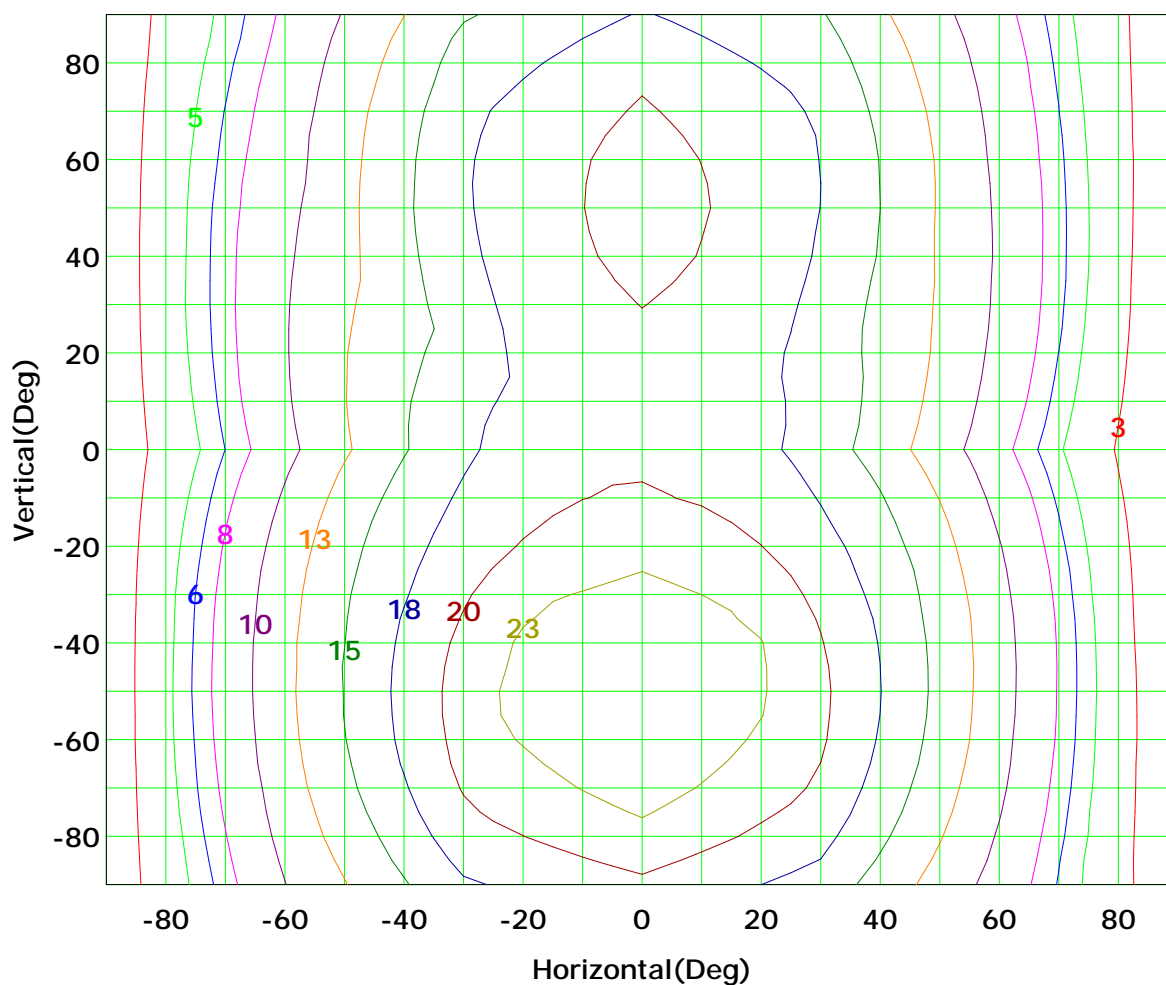
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



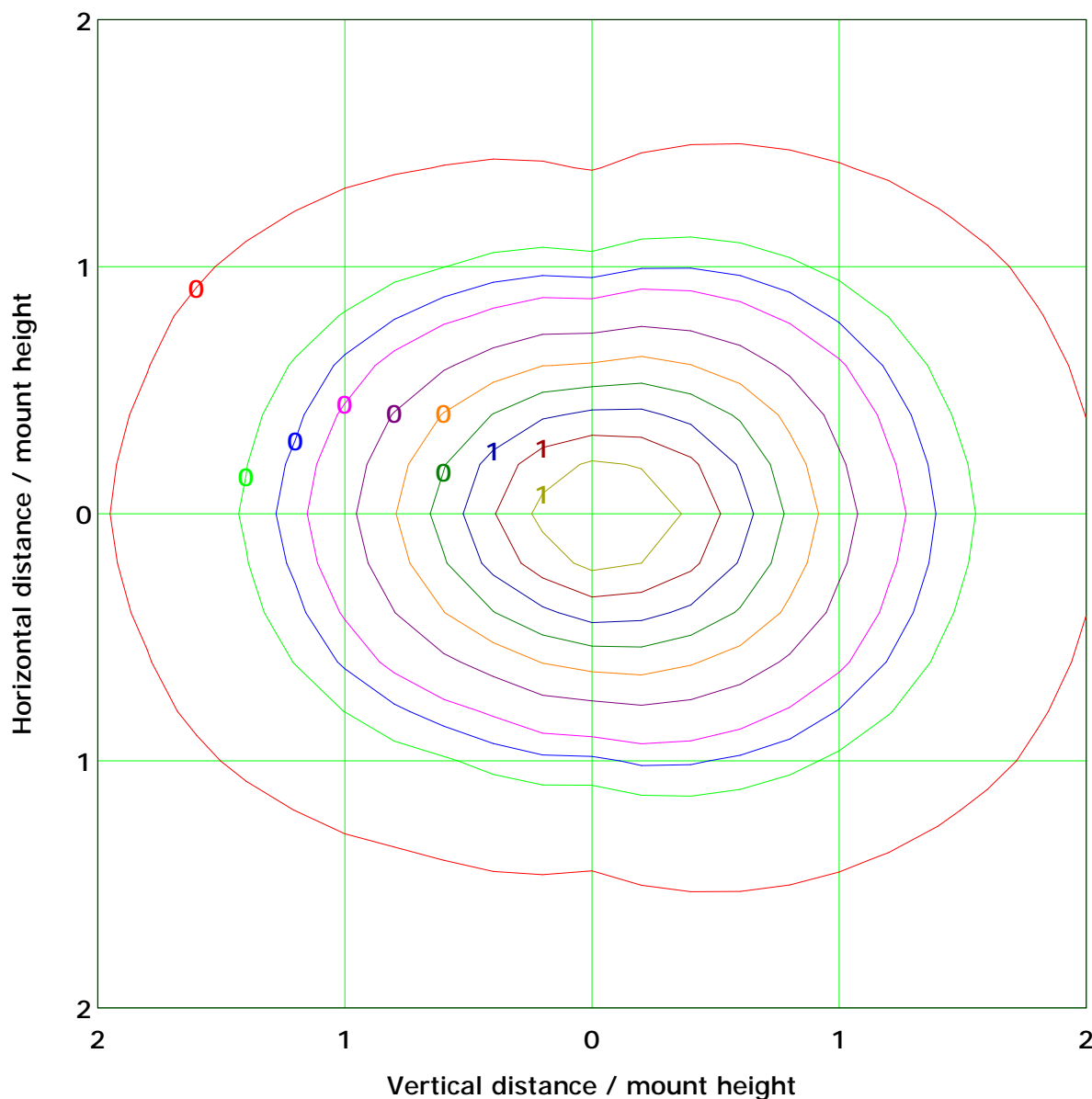
I_{max} (100%): 25 cd

(10%):	3 cd	(20%):	5 cd
(25%):	6 cd	(30%):	8 cd
(40%):	10 cd	(50%):	13 cd
(60%):	15 cd	(70%):	18 cd
(80%):	20 cd	(90%):	23 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%): 0.8 lx

(10%): 0.1 lx	(20%): 0.2 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.4 lx
(60%): 0.5 lx	(70%): 0.6 lx
(80%): 0.6 lx	(90%): 0.7 lx

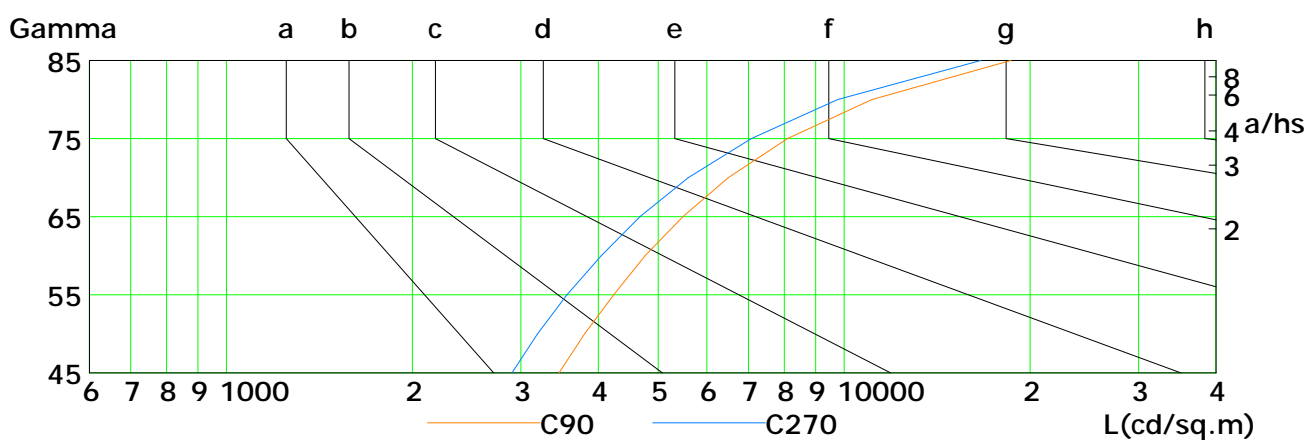
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 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

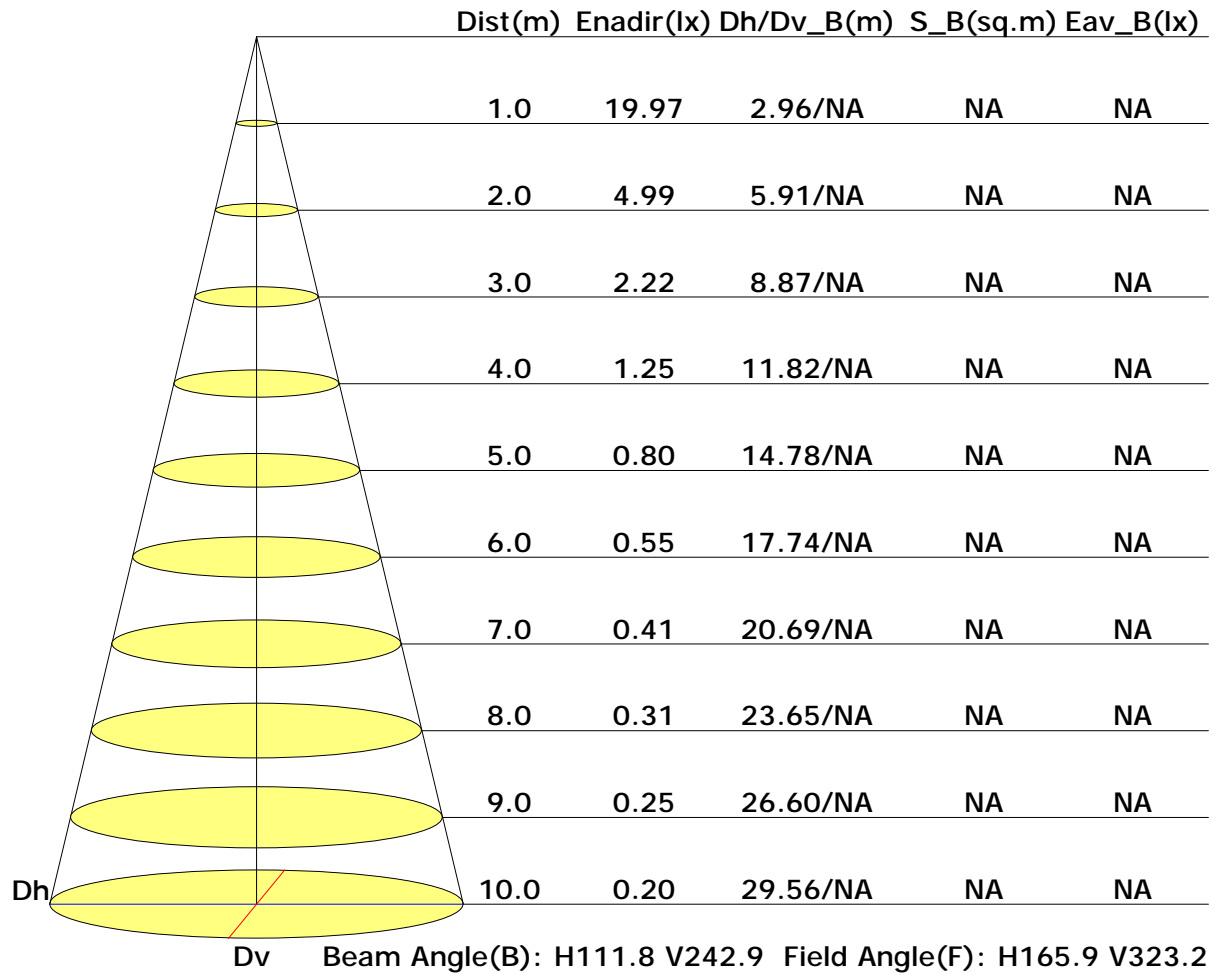


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	548	480	412	350	289	235	180	127	76
C90	3456	3802	4239	4766	5486	6495	8100	11101	18624
C180	511	440	375	310	251	195	142	88	41
C270	2902	3191	3560	4047	4676	5598	7075	9770	16652

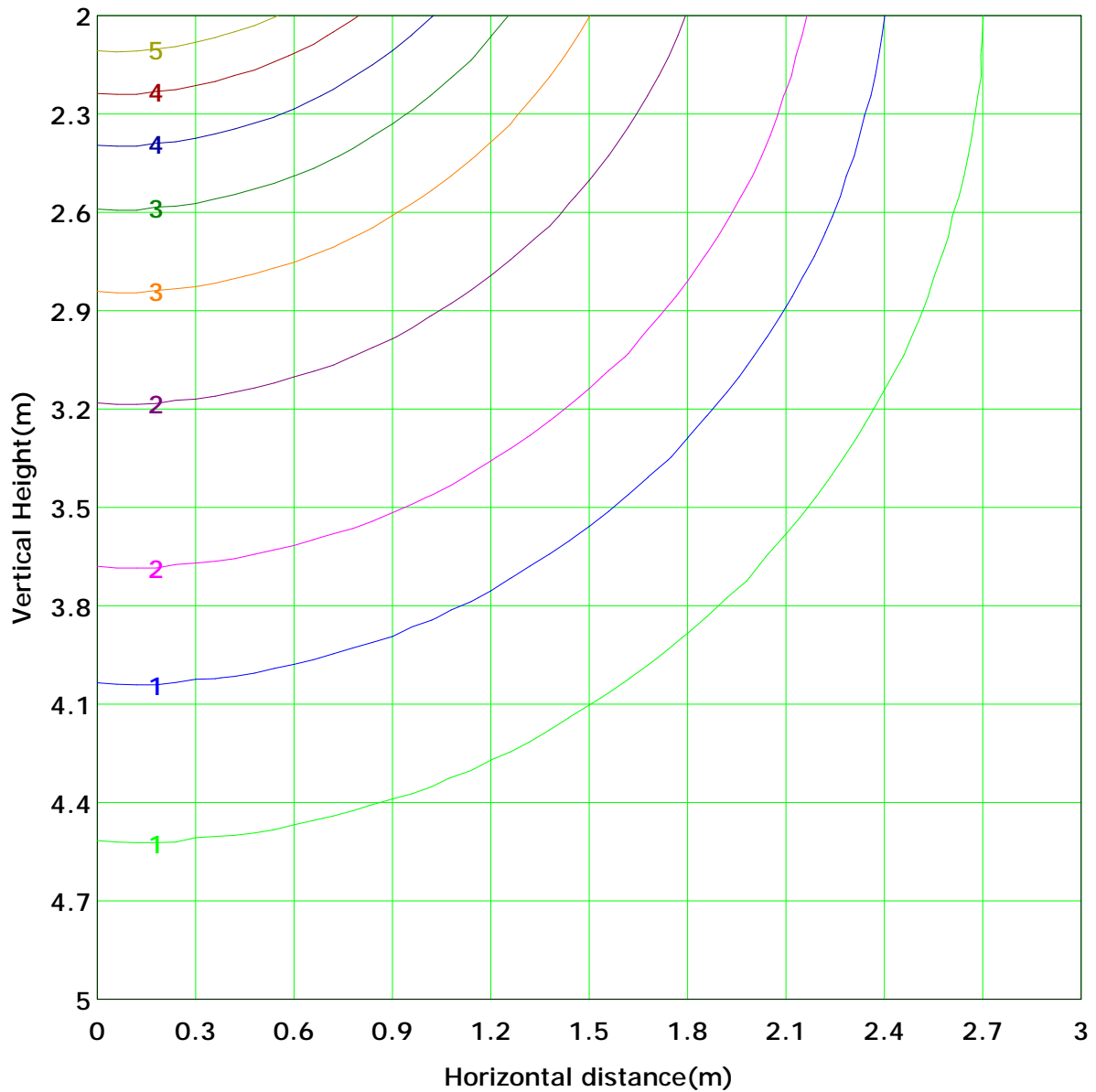
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 5.0 lx
(10%): 0.5 lx	(20%): 1.0 lx	(30%): 1.5 lx
(25%): 1.3 lx	(50%): 2.5 lx	(70%): 3.5 lx
(40%): 2.0 lx	(90%): 4.5 lx	
(60%): 3.0 lx		
(80%): 4.0 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

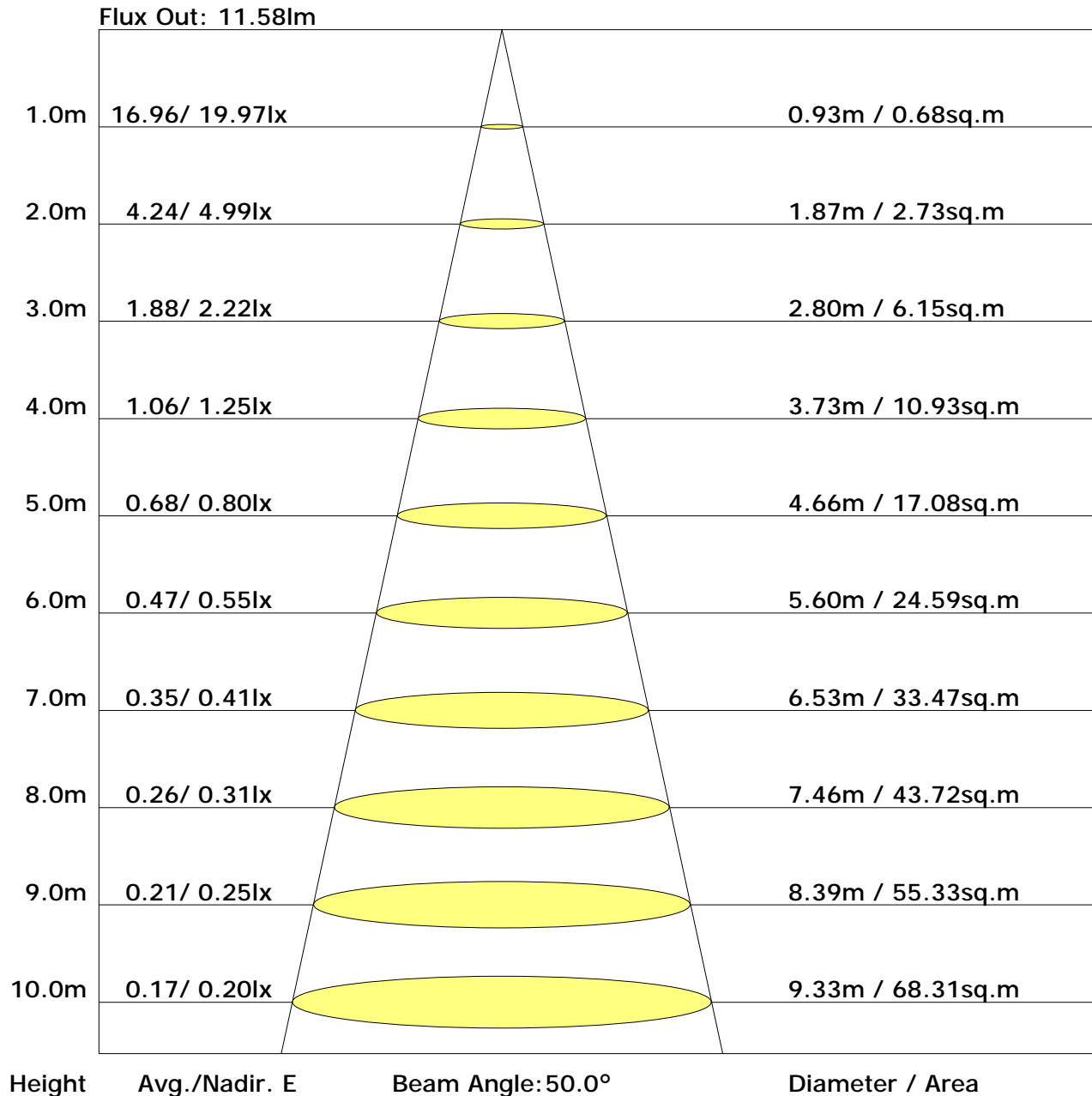
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	Flux(E)	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.1	103	103
		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.1	103	103
-90	0.1	0.7	1.9	3.6	5.5	7.5	9.4	10.7	11.5	11.5	10.7	9.5	7.6	5.6	3.7	2.0	0.8	0.1				
-80	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-70	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-50	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-40	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-30	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
-10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
30	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.1	103	103
40	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.1	0.1	0.0	0.0	6.4	6.4
50	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.1	0.1	0.0	0.0	6.6	6.6
60	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.1	0.1	0.0	0.0	6.6	6.6
70	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.1	0.1	0.0	0.0	6.4	6.4
80	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	6.0	6.0
90	0.1	0.7	1.9	3.6	5.5	7.5	9.4	10.7	11.5	11.5	10.7	9.5	7.6	5.6	3.7	2.0	0.8	0.1				

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	15.8	17.0	16.5	17.8	18.7	17.5	18.7	18.2	19.5	20.4
3H	17.9	19.1	18.6	19.8	20.8	20.1	21.2	20.8	22.0	22.9
4H	18.8	19.9	19.6	20.7	21.6	21.3	22.4	22.0	23.2	24.1
6H	19.6	20.6	20.3	21.4	22.4	22.5	23.5	23.2	24.3	25.3
8H	19.9	20.9	20.7	21.7	22.7	23.0	24.0	23.8	24.8	25.8
12H	20.1	21.1	20.9	21.9	22.9	23.5	24.5	24.3	25.3	26.3
X=4H Y=2H	16.7	17.8	17.4	18.5	19.5	18.1	19.2	18.8	20.0	20.9
3H	19.0	20.0	19.8	20.8	21.8	21.0	21.9	21.7	22.7	23.7
4H	20.0	20.9	20.8	21.8	22.8	22.4	23.2	23.1	24.1	25.1
6H	21.0	21.8	21.8	22.6	23.6	23.7	24.5	24.5	25.3	26.4
8H	21.4	22.1	22.2	23.0	24.0	24.4	25.1	25.2	26.0	27.0
12H	21.7	22.4	22.5	23.2	24.3	25.0	25.7	25.8	26.5	27.6
X=8H Y=4H	20.7	21.5	21.5	22.3	23.4	22.7	23.5	23.5	24.3	25.4
6H	21.9	22.6	22.7	23.4	24.5	24.3	25.0	25.2	25.9	26.9
8H	22.4	23.0	23.3	23.9	24.9	25.2	25.7	26.0	26.6	27.6
12H	22.9	23.4	23.8	24.3	25.4	26.0	26.5	26.8	27.4	28.5
X=12H Y=4H	20.9	21.6	21.7	22.5	23.5	22.8	23.5	23.6	24.3	25.4
6H	22.2	22.8	23.0	23.6	24.7	24.5	25.1	25.3	25.9	27.0
8H	22.8	23.4	23.7	24.2	25.3	25.4	25.9	26.2	26.8	27.8

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 = 1.75								
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	NA	0.52	0.58	0.63	0.70	0.75	0.79	0.84	0.87
	0.30		NA	0.44	0.50	0.55	0.63	0.69	0.73	0.79	0.83
	0.20		NA	0.37	0.44	0.49	0.57	0.63	0.67	0.74	0.78
0.50	0.50	0.20	NA	0.47	0.52	0.57	0.63	0.67	0.70	0.75	0.78
	0.30		NA	0.40	0.45	0.50	0.57	0.62	0.65	0.70	0.74
	0.20		NA	0.35	0.40	0.45	0.52	0.57	0.61	0.67	0.70
0.30	0.50	0.20	NA	0.42	0.47	0.50	0.56	0.60	0.62	0.66	0.69
	0.30		NA	0.36	0.41	0.45	0.51	0.55	0.58	0.63	0.66
	0.20		NA	0.31	0.37	0.41	0.47	0.51	0.55	0.60	0.63
0.00	0.00	0.00	NA	0.26	0.30	0.33	0.38	0.42	0.45	0.49	0.52
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 = 1.75								
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.35	0.30
	0.30		NA	0.76	0.68	0.62	0.52	0.46	0.41	0.33	0.29
	0.20		NA	0.67	0.60	0.55	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.63	0.53	0.47	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.38	0.31	0.26
	0.20		NA	0.62	0.56	0.52	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.58	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.58	0.52	0.44	0.39	0.35	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.24
0.00	0.00	0.00	0.71	0.45	0.41	0.38	0.33	0.29	0.26	0.22	0.19
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 = 1.75								
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	NA	0.46	0.47	0.48	0.49	0.49	0.49	0.50	0.50
	0.30		NA	0.39	0.40	0.41	0.43	0.44	0.44	0.46	0.46
	0.20		NA	0.34	0.35	0.36	0.38	0.39	0.40	0.42	0.43
0.50	0.50	0.20	NA	0.45	0.45	0.46	0.47	0.47	0.47	0.48	0.48
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45
	0.20		NA	0.34	0.35	0.36	0.37	0.38	0.39	0.41	0.42
0.30	0.50	0.20	NA	0.43	0.44	0.44	0.45	0.45	0.45	0.46	0.46
	0.30		NA	0.38	0.38	0.39	0.40	0.41	0.42	0.42	0.43
	0.20		NA	0.33	0.34	0.35	0.36	0.37	0.38	0.40	0.40
0.00	0.00	0.00	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
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	19.9	0.0	0.0	0.01	0.01
1.0-2.0	19.9	0.1	0.1	0.04	0.05
2.0-3.0	19.9	0.1	0.2	0.07	0.12
3.0-4.0	19.9	0.1	0.3	0.09	0.21
4.0-5.0	19.9	0.2	0.5	0.12	0.33
5.0-6.0	19.9	0.2	0.7	0.14	0.47
6.0-7.0	19.9	0.2	0.9	0.17	0.64
7.0-8.0	19.9	0.3	1.2	0.20	0.84
8.0-9.0	19.8	0.3	1.5	0.22	1.06
9.0-10.0	19.8	0.4	1.9	0.25	1.31
10.0-11.0	19.8	0.4	2.3	0.27	1.58
11.0-12.0	19.8	0.4	2.7	0.30	1.88
12.0-13.0	19.8	0.5	3.2	0.32	2.21
13.0-14.0	19.7	0.5	3.7	0.35	2.56
14.0-15.0	19.7	0.5	4.2	0.37	2.93
15.0-16.0	19.7	0.6	4.8	0.40	3.33
16.0-17.0	19.7	0.6	5.4	0.42	3.75
17.0-18.0	19.7	0.6	6.1	0.45	4.20
18.0-19.0	19.6	0.7	6.8	0.47	4.68
19.0-20.0	19.6	0.7	7.5	0.50	5.17
20.0-21.0	19.6	0.8	8.2	0.52	5.69
21.0-22.0	19.6	0.8	9.0	0.54	6.24
22.0-23.0	19.6	0.8	9.8	0.57	6.80
23.0-24.0	19.5	0.9	10.7	0.59	7.39
24.0-25.0	19.5	0.9	11.6	0.61	8.01
25.0-26.0	19.5	0.9	12.5	0.64	8.64
26.0-27.0	19.5	1.0	13.5	0.66	9.30
27.0-28.0	19.4	1.0	14.4	0.68	9.98
28.0-29.0	19.4	1.0	15.5	0.70	10.68
29.0-30.0	19.3	1.0	16.5	0.72	11.41
30.0-31.0	19.3	1.1	17.6	0.74	12.15
31.0-32.0	19.3	1.1	18.7	0.76	12.91
32.0-33.0	19.2	1.1	19.8	0.78	13.70
33.0-34.0	19.2	1.2	21.0	0.80	14.50
34.0-35.0	19.1	1.2	22.2	0.82	15.32
35.0-36.0	19.1	1.2	23.4	0.84	16.16

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	19.0	1.2	24.6	0.86	17.02
37.0-38.0	19.0	1.3	25.9	0.87	17.89
38.0-39.0	18.9	1.3	27.2	0.89	18.78
39.0-40.0	18.8	1.3	28.5	0.91	19.69
40.0-41.0	18.8	1.3	29.8	0.92	20.62
41.0-42.0	18.7	1.4	31.2	0.94	21.56
42.0-43.0	18.6	1.4	32.6	0.95	22.51
43.0-44.0	18.5	1.4	34.0	0.97	23.48
44.0-45.0	18.5	1.4	35.4	0.98	24.46
45.0-46.0	18.4	1.4	36.8	0.99	25.45
46.0-47.0	18.3	1.5	38.3	1.01	26.46
47.0-48.0	18.2	1.5	39.7	1.02	27.47
48.0-49.0	18.1	1.5	41.2	1.03	28.50
49.0-50.0	18.0	1.5	42.7	1.04	29.54
50.0-51.0	17.9	1.5	44.2	1.05	30.58
51.0-52.0	17.8	1.5	45.8	1.05	31.64
52.0-53.0	17.7	1.5	47.3	1.06	32.70
53.0-54.0	17.5	1.5	48.8	1.07	33.77
54.0-55.0	17.4	1.6	50.4	1.08	34.85
55.0-56.0	17.3	1.6	52.0	1.08	35.93
56.0-57.0	17.2	1.6	53.5	1.09	37.01
57.0-58.0	17.0	1.6	55.1	1.09	38.10
58.0-59.0	16.9	1.6	56.7	1.09	39.19
59.0-60.0	16.8	1.6	58.3	1.09	40.29
60.0-61.0	16.6	1.6	59.9	1.10	41.39
61.0-62.0	16.5	1.6	61.4	1.10	42.48
62.0-63.0	16.3	1.6	63.0	1.10	43.58
63.0-64.0	16.2	1.6	64.6	1.10	44.68
64.0-65.0	16.0	1.6	66.2	1.10	45.78
65.0-66.0	15.8	1.6	67.8	1.09	46.87
66.0-67.0	15.7	1.6	69.4	1.09	47.96
67.0-68.0	15.6	1.6	70.9	1.09	49.05
68.0-69.0	15.4	1.6	72.5	1.08	50.14
69.0-70.0	15.2	1.6	74.1	1.08	51.21
70.0-71.0	15.0	1.6	75.6	1.07	52.29
71.0-72.0	14.9	1.5	77.2	1.07	53.36

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	14.7	1.5	78.7	1.06	54.42
73.0-74.0	14.5	1.5	80.2	1.06	55.48
74.0-75.0	14.3	1.5	81.8	1.05	56.53
75.0-76.0	14.2	1.5	83.3	1.04	57.56
76.0-77.0	14.0	1.5	84.7	1.03	58.60
77.0-78.0	13.8	1.5	86.2	1.02	59.62
78.0-79.0	13.6	1.5	87.7	1.01	60.63
79.0-80.0	13.4	1.4	89.1	1.00	61.63
80.0-81.0	13.3	1.4	90.6	0.99	62.62
81.0-82.0	13.1	1.4	92.0	0.98	63.60
82.0-83.0	12.9	1.4	93.4	0.97	64.57
83.0-84.0	12.7	1.4	94.8	0.96	65.52
84.0-85.0	12.5	1.4	96.1	0.94	66.47
85.0-86.0	12.3	1.3	97.5	0.93	67.40
86.0-87.0	12.1	1.3	98.8	0.92	68.31
87.0-88.0	11.9	1.3	100.1	0.90	69.22
88.0-89.0	11.8	1.3	101.4	0.89	70.11
89.0-90.0	11.6	1.3	102.7	0.88	70.99
90.0-91.0	11.4	1.3	103.9	0.87	71.86
91.0-92.0	11.3	1.2	105.2	0.86	72.71
92.0-93.0	11.1	1.2	106.4	0.84	73.56
93.0-94.0	11.0	1.2	107.6	0.83	74.39
94.0-95.0	10.8	1.2	108.8	0.82	75.21
95.0-96.0	10.7	1.2	109.9	0.81	76.01
96.0-97.0	10.5	1.1	111.1	0.79	76.81
97.0-98.0	10.4	1.1	112.2	0.78	77.59
98.0-99.0	10.2	1.1	113.3	0.77	78.35
99.0-100.0	10.1	1.1	114.4	0.75	79.10
100.0-101.0	9.9	1.1	115.5	0.74	79.84
101.0-102.0	9.7	1.0	116.5	0.72	80.57
102.0-103.0	9.6	1.0	117.5	0.71	81.28
103.0-104.0	9.4	1.0	118.6	0.70	81.97
104.0-105.0	9.3	1.0	119.5	0.68	82.65
105.0-106.0	9.1	1.0	120.5	0.67	83.32
106.0-107.0	9.0	0.9	121.4	0.65	83.97
107.0-108.0	8.8	0.9	122.4	0.64	84.61

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	8.7	0.9	123.3	0.62	85.24
109.0-110.0	8.5	0.9	124.2	0.61	85.85
110.0-111.0	8.4	0.9	125.0	0.59	86.44
111.0-112.0	8.2	0.8	125.9	0.58	87.02
112.0-113.0	8.1	0.8	126.7	0.57	87.59
113.0-114.0	7.9	0.8	127.5	0.55	88.14
114.0-115.0	7.8	0.8	128.2	0.54	88.67
115.0-116.0	7.6	0.8	129.0	0.52	89.20
116.0-117.0	7.5	0.7	129.7	0.51	89.71
117.0-118.0	7.3	0.7	130.5	0.49	90.20
118.0-119.0	7.2	0.7	131.1	0.48	90.68
119.0-120.0	7.1	0.7	131.8	0.47	91.15
120.0-121.0	6.9	0.7	132.5	0.45	91.60
121.0-122.0	6.8	0.6	133.1	0.44	92.04
122.0-123.0	6.6	0.6	133.7	0.42	92.46
123.0-124.0	6.5	0.6	134.3	0.41	92.87
124.0-125.0	6.4	0.6	134.9	0.40	93.27
125.0-126.0	6.2	0.6	135.4	0.38	93.65
126.0-127.0	6.1	0.5	136.0	0.37	94.02
127.0-128.0	5.9	0.5	136.5	0.36	94.38
128.0-129.0	5.8	0.5	137.0	0.34	94.72
129.0-130.0	5.7	0.5	137.5	0.33	95.05
130.0-131.0	5.5	0.5	137.9	0.32	95.37
131.0-132.0	5.4	0.4	138.4	0.31	95.68
132.0-133.0	5.2	0.4	138.8	0.29	95.97
133.0-134.0	5.1	0.4	139.2	0.28	96.25
134.0-135.0	5.0	0.4	139.6	0.27	96.52
135.0-136.0	4.8	0.4	140.0	0.26	96.78
136.0-137.0	4.7	0.4	140.3	0.24	97.02
137.0-138.0	4.6	0.3	140.7	0.23	97.25
138.0-139.0	4.4	0.3	141.0	0.22	97.48
139.0-140.0	4.3	0.3	141.3	0.21	97.69
140.0-141.0	4.1	0.3	141.6	0.20	97.88
141.0-142.0	3.9	0.3	141.8	0.19	98.07
142.0-143.0	3.8	0.3	142.1	0.17	98.24
143.0-144.0	3.6	0.2	142.3	0.16	98.41

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 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.5	0.2	142.5	0.15	98.56
145.0-146.0	3.3	0.2	142.7	0.14	98.70
146.0-147.0	3.2	0.2	142.9	0.13	98.83
147.0-148.0	3.0	0.2	143.1	0.12	98.96
148.0-149.0	2.9	0.2	143.3	0.11	99.07
149.0-150.0	2.7	0.2	143.4	0.10	99.18
150.0-151.0	2.6	0.1	143.6	0.10	99.27
151.0-152.0	2.4	0.1	143.7	0.09	99.36
152.0-153.0	2.3	0.1	143.8	0.08	99.44
153.0-154.0	2.2	0.1	143.9	0.07	99.51
154.0-155.0	2.0	0.1	144.0	0.07	99.58
155.0-156.0	1.9	0.1	144.1	0.06	99.64
156.0-157.0	1.8	0.1	144.2	0.05	99.69
157.0-158.0	1.6	0.1	144.2	0.05	99.74
158.0-159.0	1.5	0.1	144.3	0.04	99.78
159.0-160.0	1.4	0.1	144.4	0.04	99.81
160.0-161.0	1.3	0.0	144.4	0.03	99.85
161.0-162.0	1.1	0.0	144.4	0.03	99.87
162.0-163.0	1.0	0.0	144.5	0.02	99.90
163.0-164.0	0.9	0.0	144.5	0.02	99.92
164.0-165.0	0.8	0.0	144.5	0.02	99.93
165.0-166.0	0.7	0.0	144.5	0.01	99.95
166.0-167.0	0.7	0.0	144.6	0.01	99.96
167.0-168.0	0.6	0.0	144.6	0.01	99.97
168.0-169.0	0.5	0.0	144.6	0.01	99.98
169.0-170.0	0.5	0.0	144.6	0.01	99.98
170.0-171.0	0.4	0.0	144.6	0.00	99.99
171.0-172.0	0.3	0.0	144.6	0.00	99.99
172.0-173.0	0.3	0.0	144.6	0.00	99.99
173.0-174.0	0.3	0.0	144.6	0.00	99.99
174.0-175.0	0.2	0.0	144.6	0.00	100.00
175.0-176.0	0.2	0.0	144.6	0.00	100.00
176.0-177.0	0.2	0.0	144.6	0.00	100.00
177.0-178.0	0.2	0.0	144.6	0.00	100.00
178.0-179.0	0.2	0.0	144.6	0.00	100.00
179.0-180.0	0.2	0.0	144.6	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: