

Report No.:

Test Time: 2022/11/29 11:09

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Contour

Luminaire Description: Neon Contour VW -Warm only

Lamp Catalog: NLC3.0VW-Warm only

Luminous Length (mm): 1000

Luminous Height (mm): 17

Current: 0.205 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 08

Voltage: 24.0 V

Power: 4.93 W

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 226.1 lm

Downward Ratio: 78%

Horizontal Diffuse Angle(10%,50%): H257.8,H122.1

Vertical Diffuse Angle(10%,50%): V299.1,V170.5

Luminaire Efficacy Rating (LER): 46

Max. Intensity: 45.48 cd

Total Rated Lamp Lumens: 226.1 lm

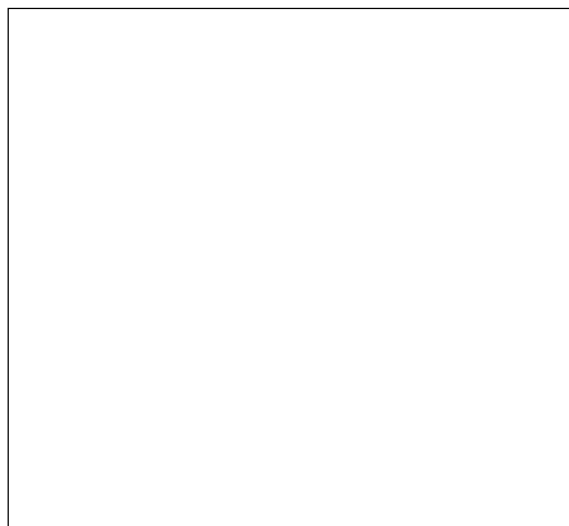
Efficiency: 100%

Upward Ratio: 22%

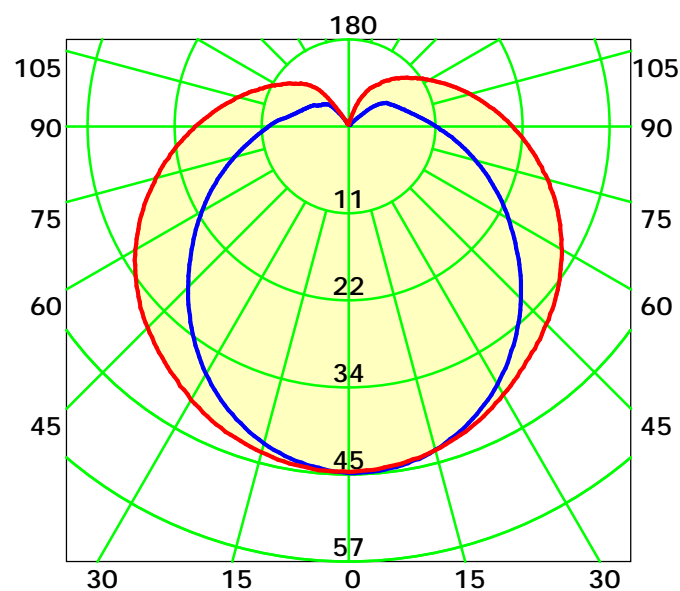
Central Intensity: 45.45 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 146.3° 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

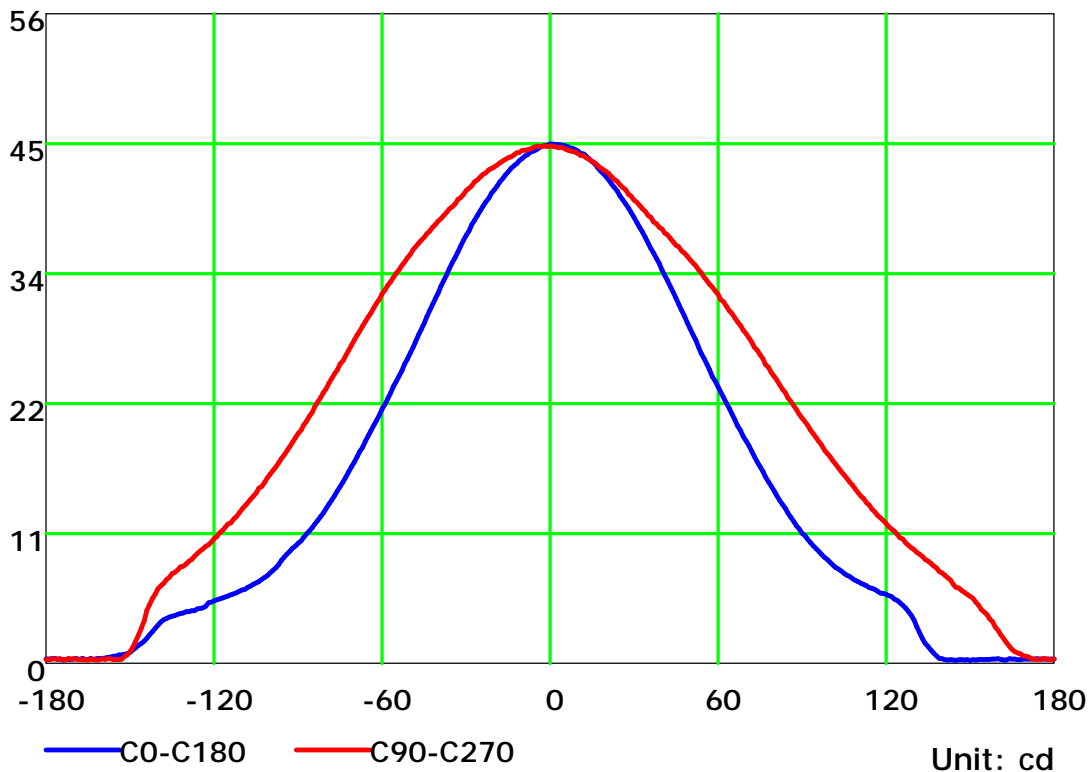
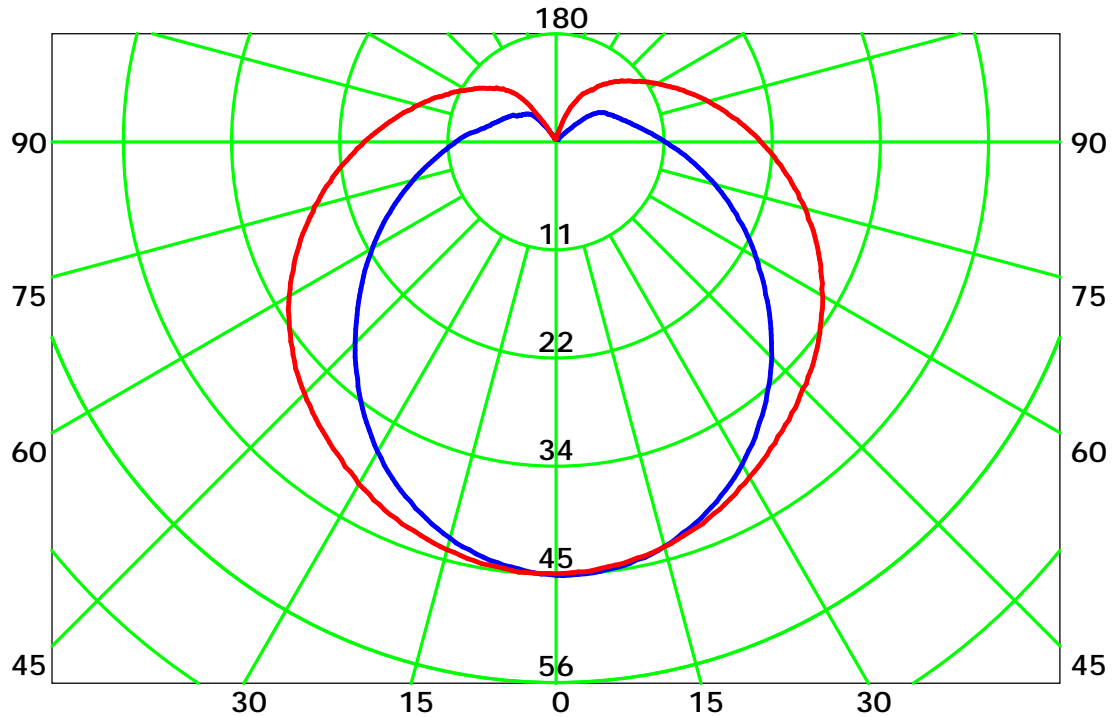
Distance: 9.028 m

Humidity: 60%

Inspector:



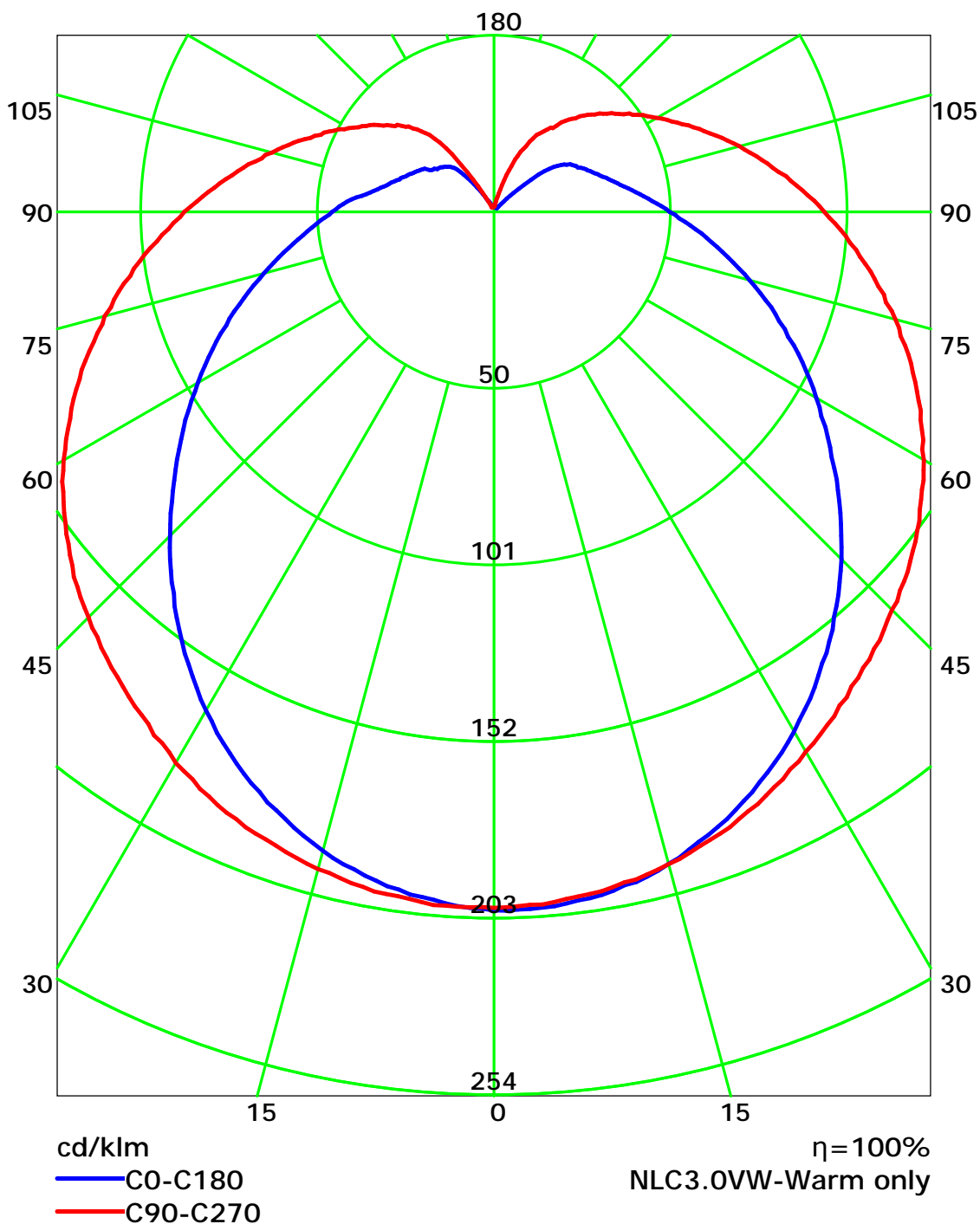
## Luminous Intensity Distribution Curve



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:

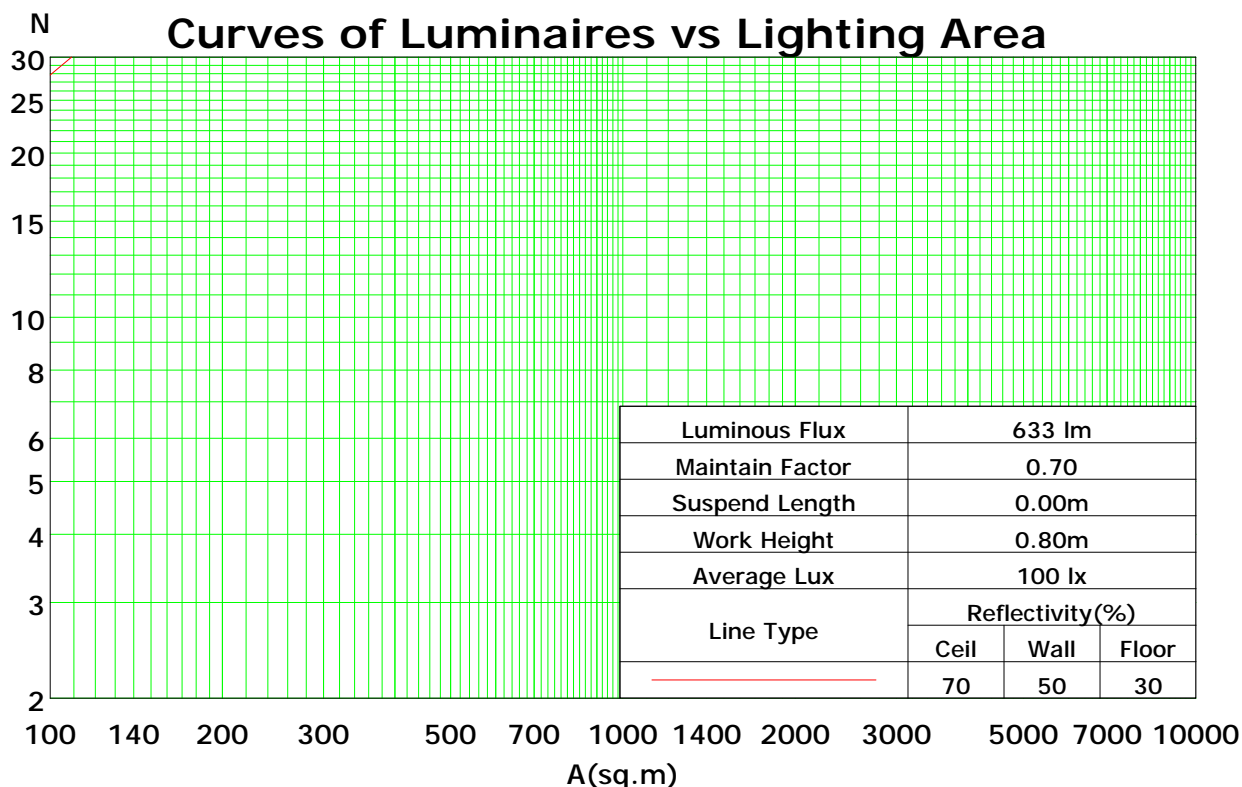
## Coefficients Of Utilization - Zonal Cavity Method

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	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78
1	100	94	89	84	95	90	85	81	82	78	74	74	71	68	67	64	62	58
2	90	81	73	66	85	77	70	63	70	64	59	63	58	54	57	53	50	46
3	81	70	61	53	77	66	58	52	60	53	48	55	49	44	49	45	41	38
4	74	61	52	44	70	58	50	43	53	46	40	48	42	37	43	38	34	31
5	68	54	45	38	64	52	43	36	47	40	34	43	37	32	39	34	29	27
6	62	48	39	32	59	46	38	31	42	35	29	39	32	27	35	30	26	23
7	58	44	35	28	55	42	33	27	38	31	26	35	29	24	32	27	22	20
8	54	40	31	25	51	38	30	24	35	28	23	32	26	21	29	24	20	18
9	50	36	28	22	47	35	27	22	32	25	20	29	23	19	27	22	18	16
10	47	33	25	20	44	32	24	19	30	23	18	27	21	17	25	20	16	14

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.35

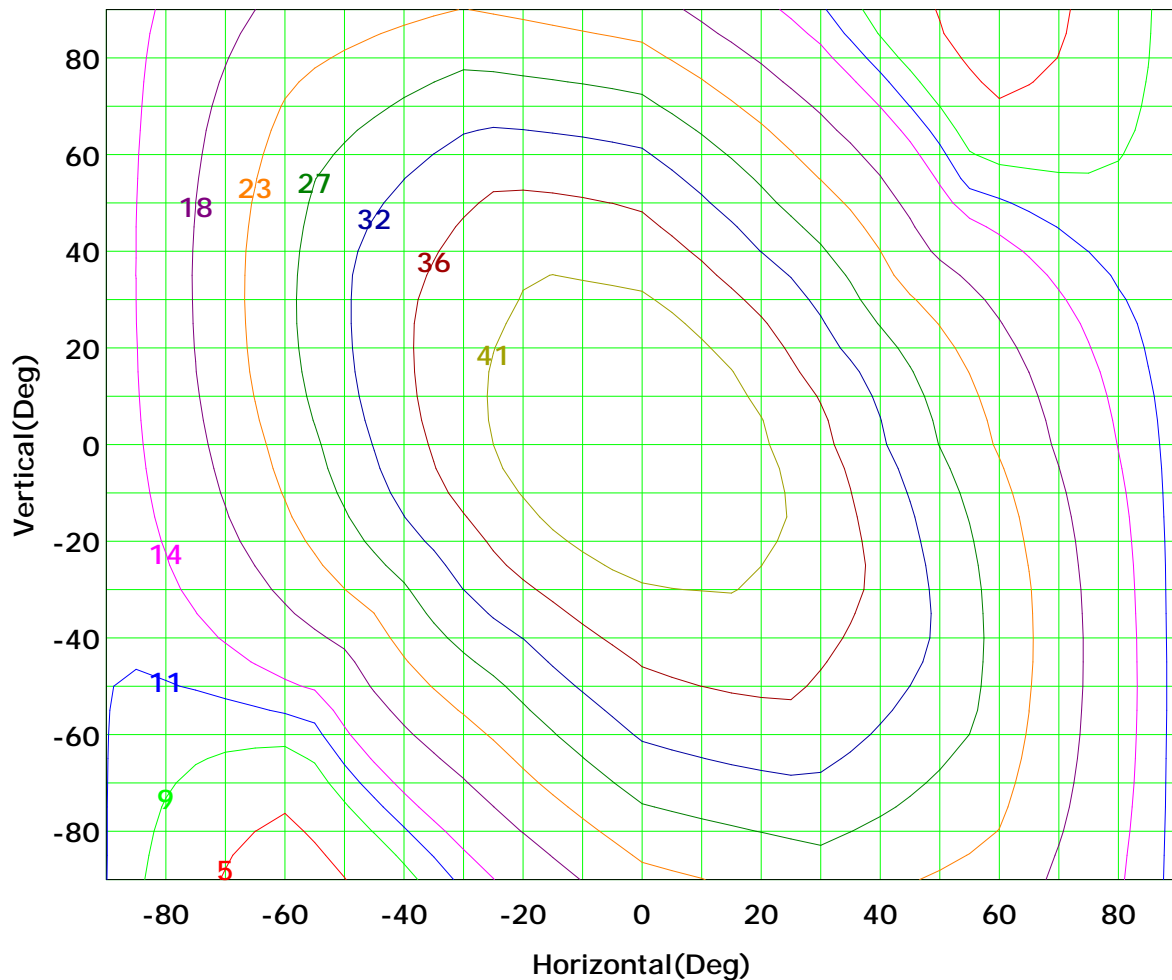
Spacing Criteria (Diagonal): 1.45



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)



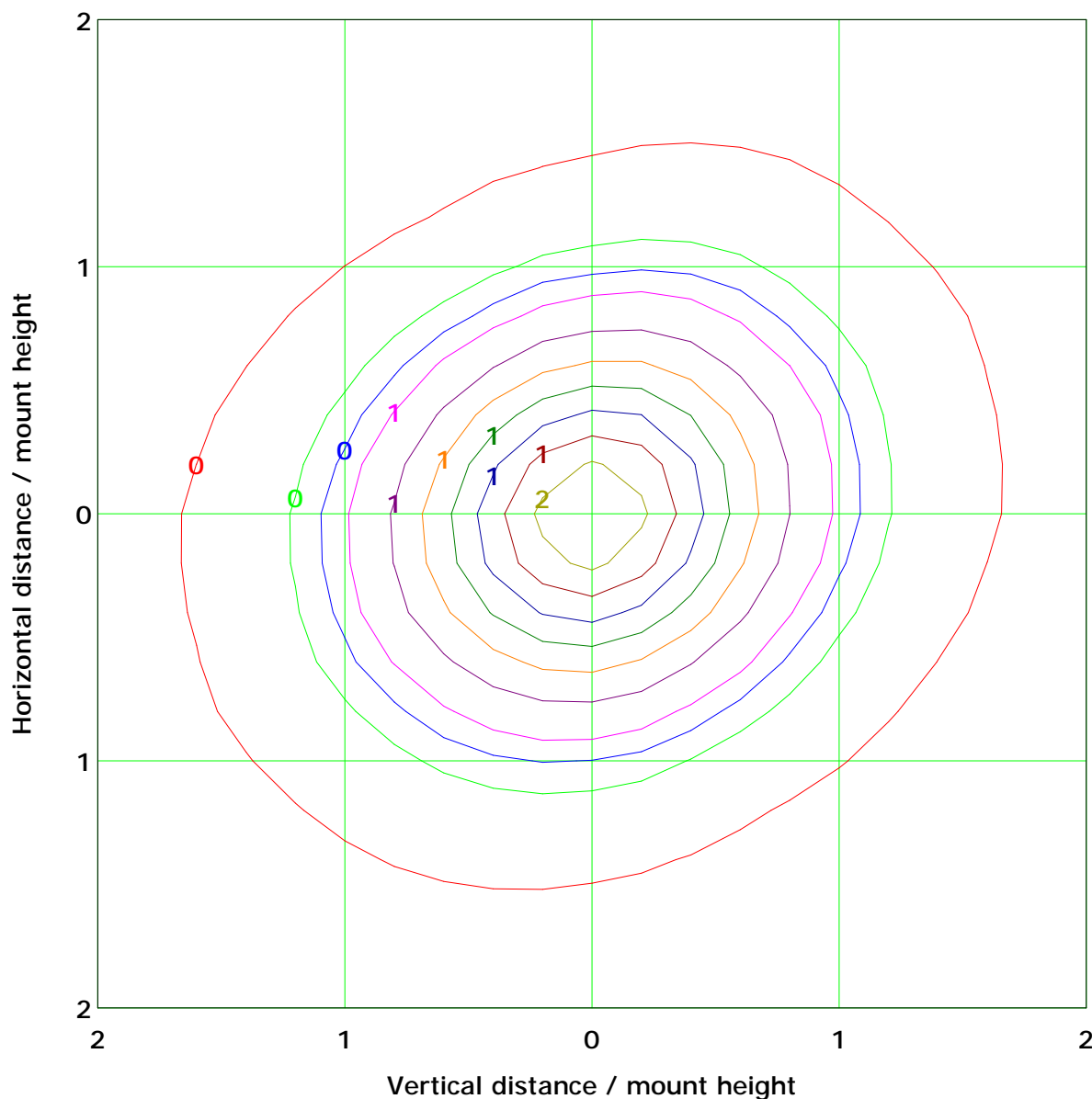
Imax (100%): 45 cd

( 10%):	5 cd	( 20%):	9 cd
( 25%):	11 cd	( 30%):	14 cd
( 40%):	18 cd	( 50%):	23 cd
( 60%):	27 cd	( 70%):	32 cd
( 80%):	36 cd	( 90%):	41 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%): 1.8 lx

( 10%): 0.2 lx	( 20%): 0.4 lx
( 25%): 0.5 lx	( 30%): 0.5 lx
( 40%): 0.7 lx	( 50%): 0.9 lx
( 60%): 1.1 lx	( 70%): 1.3 lx
( 80%): 1.5 lx	( 90%): 1.6 lx

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

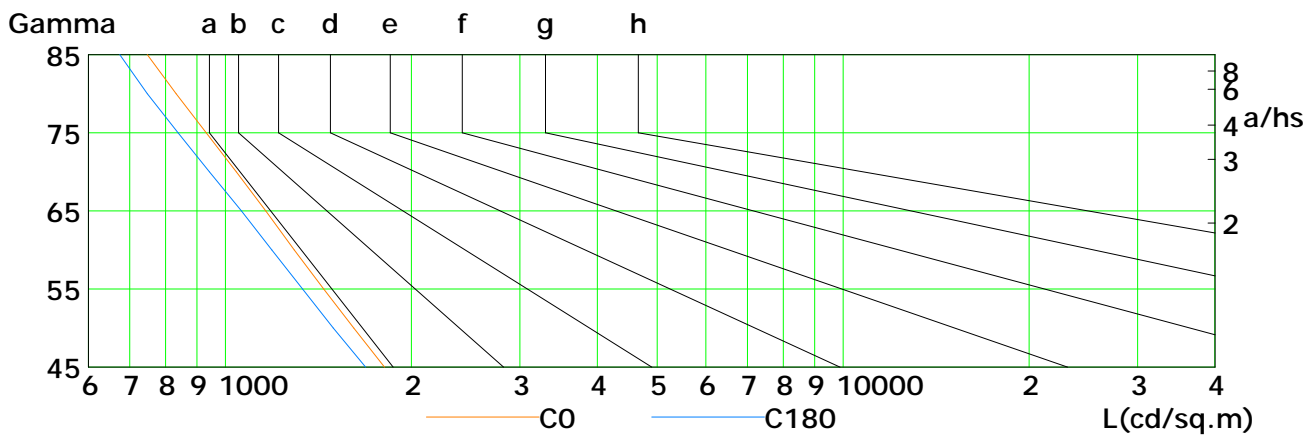
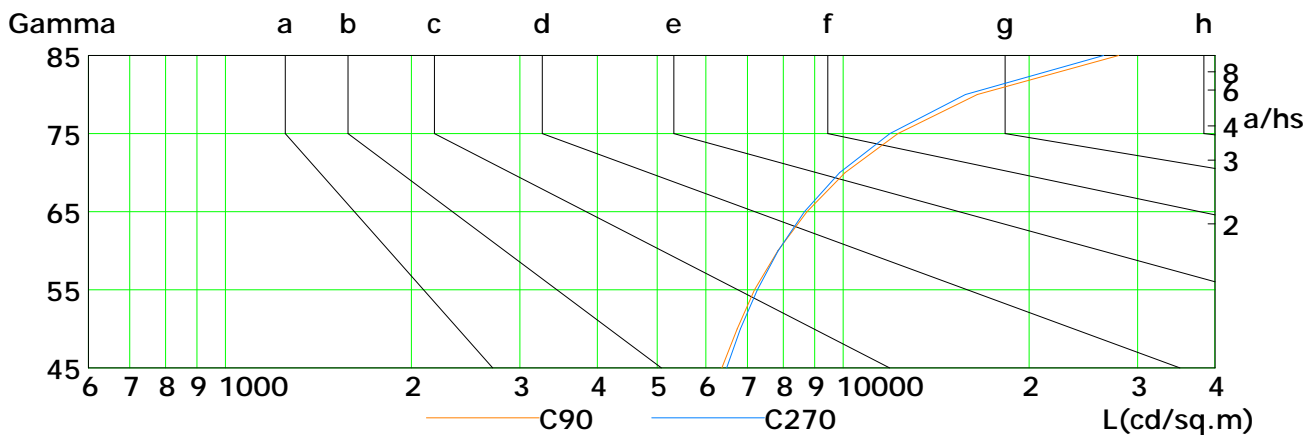
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:



## 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

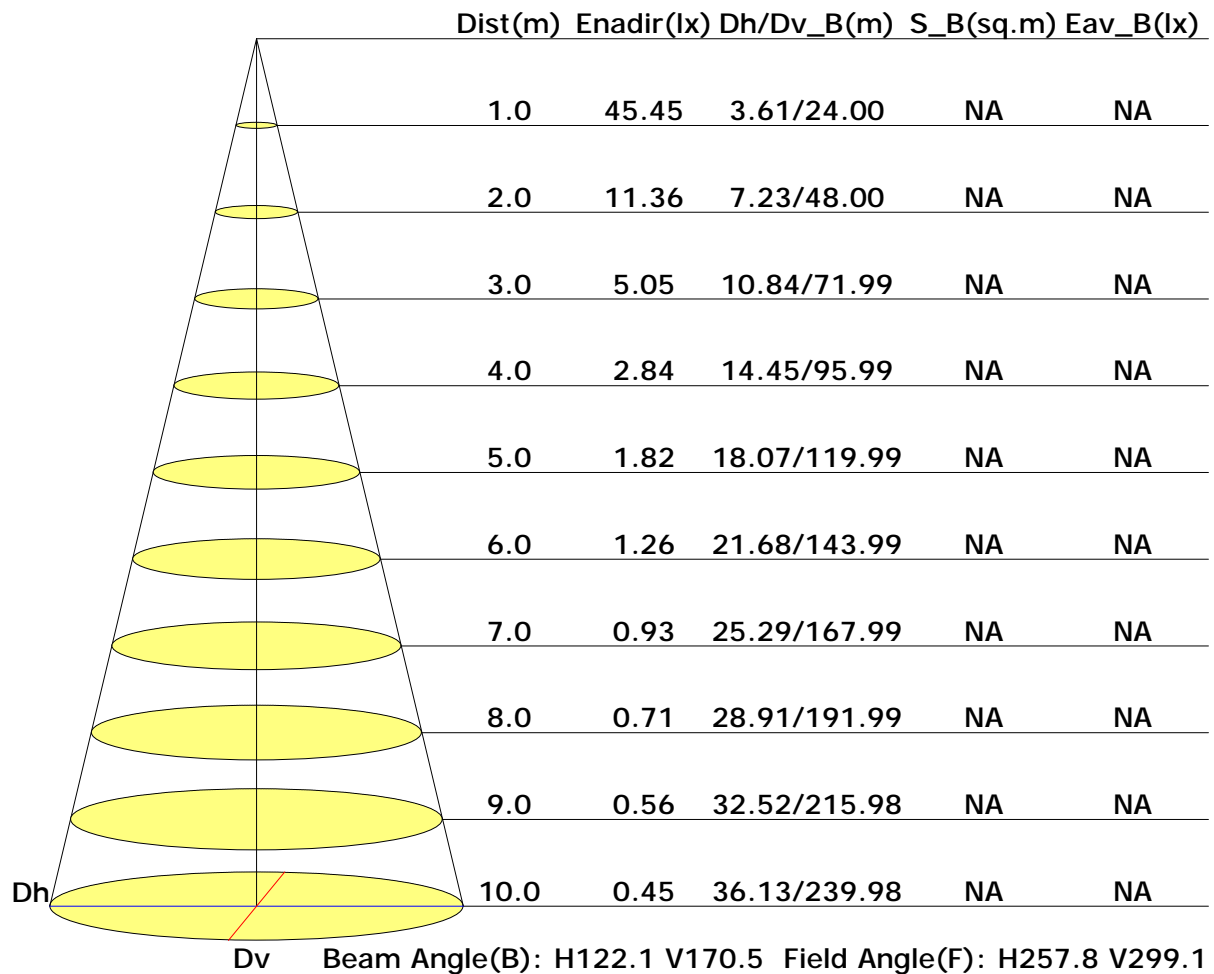


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1809	1614	1443	1293	1162	1042	932	833	747
C90	6365	6738	7194	7844	8744	10080	12276	16499	27932
C180	1686	1496	1333	1189	1061	942	839	748	675
C270	6484	6826	7264	7854	8658	9874	11912	15777	26419

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:

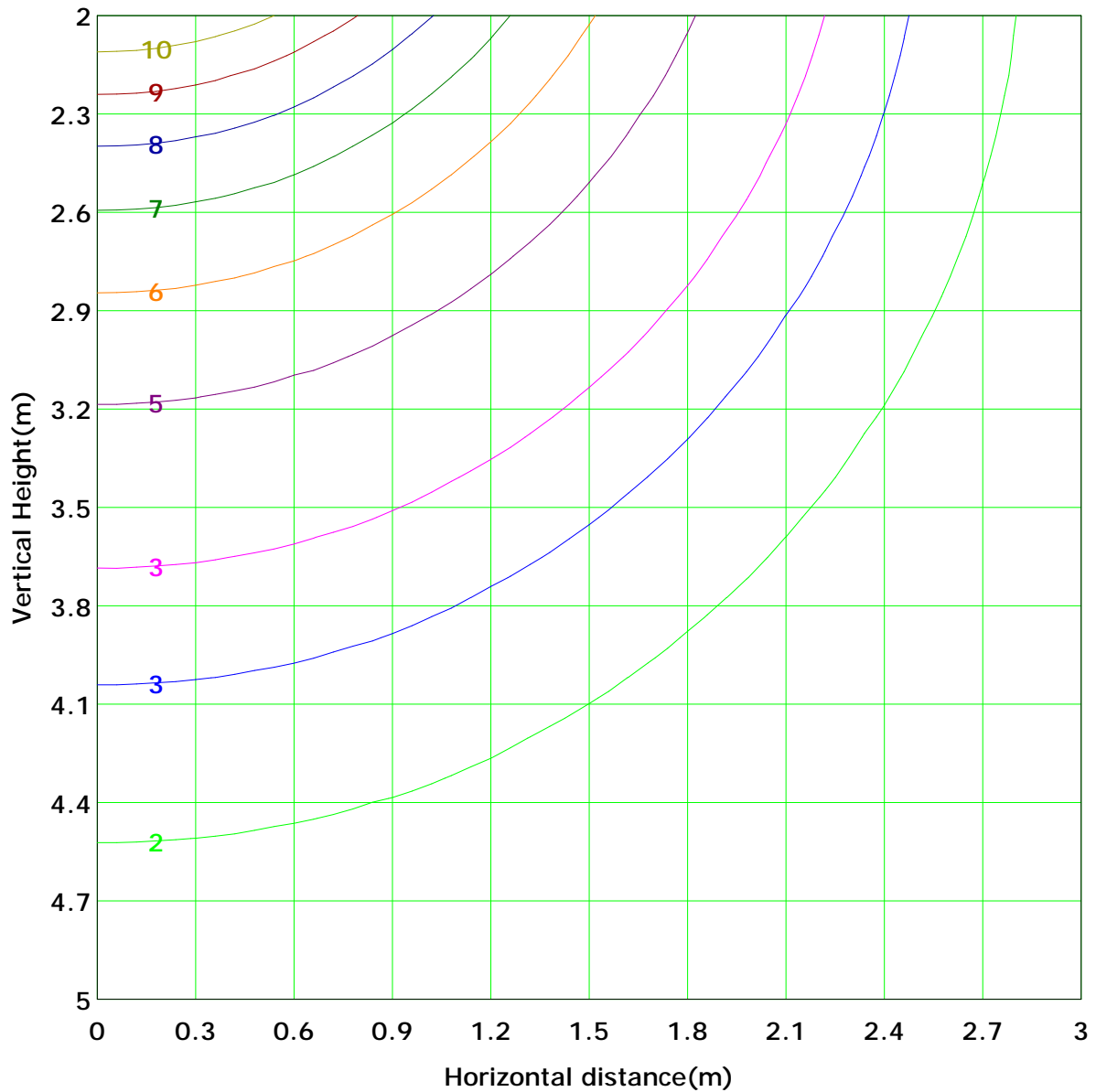
## Illuminance at a Distance







## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 11.4 lx
( 10%): 1.1 lx	( 20%): 2.3 lx	( 30%): 3.4 lx
( 25%): 2.8 lx	( 40%): 4.5 lx	( 50%): 5.7 lx
( 60%): 6.8 lx	( 70%): 8.0 lx	( 80%): 9.1 lx
( 90%): 10.2 lx		

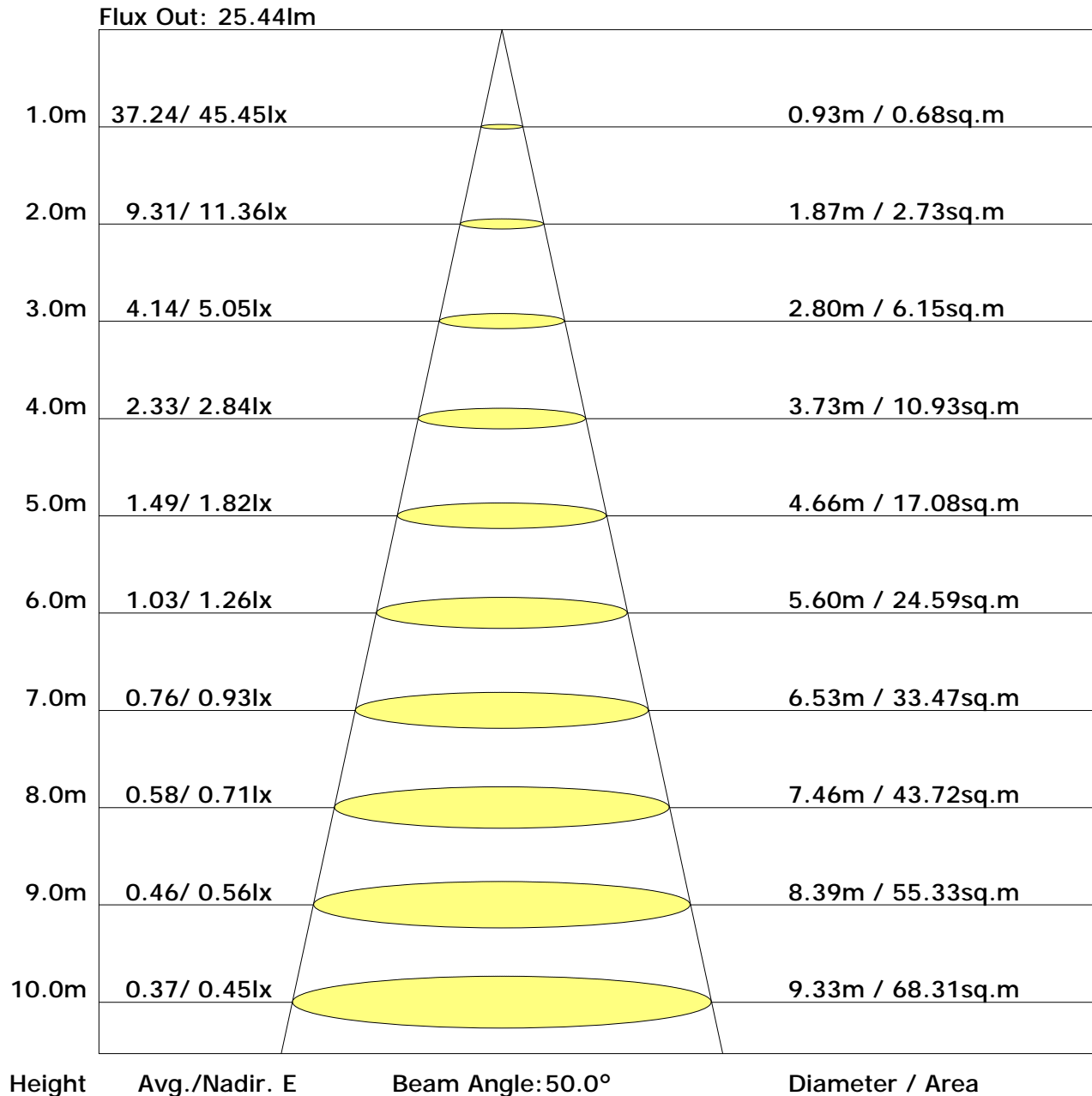
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

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	19.1	20.4	19.7	21.1	21.9	18.0	19.3	18.6	20.0	20.8
3H	21.6	22.8	22.3	23.5	24.3	20.2	21.5	20.9	22.1	23.0
4H	22.8	24.0	23.5	24.7	25.5	21.3	22.5	22.0	23.2	24.0
6H	24.2	25.3	24.9	26.0	26.8	22.3	23.4	23.0	24.1	25.0
8H	24.9	25.9	25.6	26.7	27.5	22.8	23.8	23.5	24.6	25.4
12H	25.7	26.7	26.4	27.4	28.3	23.2	24.2	24.0	25.0	25.9
X=4H Y=2H	19.5	20.7	20.2	21.4	22.2	18.7	19.9	19.4	20.6	21.4
3H	22.2	23.2	22.9	23.9	24.8	21.2	22.2	21.9	23.0	23.8
4H	23.5	24.5	24.3	25.2	26.1	22.4	23.4	23.1	24.1	25.0
6H	25.0	25.8	25.7	26.6	27.5	23.6	24.4	24.3	25.2	26.1
8H	25.7	26.5	26.5	27.3	28.2	24.2	24.9	24.9	25.7	26.6
12H	26.6	27.3	27.4	28.1	29.0	24.7	25.4	25.5	26.2	27.1
X=8H Y=4H	23.8	24.6	24.6	25.4	26.3	22.9	23.7	23.6	24.4	25.3
6H	25.4	26.1	26.1	26.8	27.8	24.3	25.0	25.1	25.8	26.7
8H	26.2	26.8	27.0	27.6	28.5	25.0	25.6	25.8	26.4	27.3
12H	27.2	27.7	28.0	28.5	29.5	25.7	26.3	26.5	27.0	28.0
X=12H Y=4H	23.9	24.6	24.6	25.4	26.3	23.0	23.7	23.8	24.5	25.4
6H	25.5	26.1	26.3	26.9	27.8	24.5	25.1	25.2	25.8	26.8
8H	26.4	26.9	27.2	27.7	28.7	25.2	25.8	26.0	26.6	27.6

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	0.48	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91	
	0.30		0.40	0.47	0.54	0.59	0.67	0.73	0.77	0.83	0.87	
	0.20		0.34	0.41	0.48	0.53	0.61	0.67	0.71	0.78	0.82	
0.50	0.50	0.20	0.44	0.51	0.57	0.61	0.68	0.72	0.75	0.80	0.83	
	0.30		0.37	0.44	0.50	0.55	0.62	0.67	0.70	0.76	0.79	
	0.20		0.32	0.39	0.45	0.50	0.57	0.62	0.66	0.72	0.76	
0.30	0.50	0.20	0.41	0.47	0.52	0.56	0.62	0.66	0.69	0.73	0.75	
	0.30		0.35	0.41	0.47	0.51	0.57	0.61	0.65	0.69	0.72	
	0.20		0.30	0.36	0.42	0.46	0.53	0.58	0.61	0.66	0.70	
0.00	0.00	0.00	0.26	0.31	0.36	0.40	0.46	0.50	0.53	0.57	0.60	
Rating:5W 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	1.01	0.88	0.77	0.68	0.56	0.48	0.42	0.34	0.28
	0.30		0.85	0.75	0.67	0.60	0.51	0.44	0.39	0.32	0.27
	0.20		0.73	0.66	0.59	0.54	0.46	0.41	0.36	0.30	0.26
0.50	0.50	0.20	0.93	0.81	0.70	0.63	0.52	0.47	0.39	0.31	0.26
	0.30		0.79	0.70	0.62	0.56	0.47	0.41	0.36	0.30	0.25
	0.20		0.69	0.62	0.56	0.51	0.44	0.38	0.34	0.28	0.24
0.30	0.50	0.20	0.86	0.75	0.65	0.58	0.48	0.41	0.36	0.29	0.24
	0.30		0.74	0.66	0.58	0.52	0.44	0.38	0.34	0.28	0.24
	0.20		0.65	0.59	0.53	0.48	0.41	0.36	0.32	0.27	0.23
0.00	0.00	0.00	0.52	0.47	0.42	0.38	0.33	0.29	0.26	0.21	0.18
Rating:5W 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	0.38	0.39	0.40	0.40	0.41	0.42	0.42	0.43	0.43	
	0.30		0.31	0.32	0.33	0.34	0.36	0.37	0.38	0.39	0.39	
	0.20		0.26	0.27	0.28	0.29	0.31	0.32	0.33	0.35	0.36	
0.50	0.50	0.20	0.36	0.38	0.38	0.39	0.40	0.40	0.40	0.41	0.41	
	0.30		0.30	0.31	0.32	0.33	0.35	0.36	0.36	0.37	0.38	
	0.20		0.25	0.27	0.28	0.29	0.30	0.32	0.33	0.34	0.35	
0.30	0.50	0.20	0.35	0.36	0.37	0.37	0.38	0.39	0.39	0.39	0.39	
	0.30		0.29	0.31	0.32	0.32	0.34	0.34	0.35	0.36	0.37	
	0.20		0.25	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.34	
0.00	0.00	0.00	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	
Rating:5W 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	45.3	0.0	0.0	0.02	0.02
1.0-2.0	45.3	0.1	0.2	0.06	0.08
2.0-3.0	45.2	0.2	0.4	0.10	0.17
3.0-4.0	45.2	0.3	0.7	0.13	0.31
4.0-5.0	45.1	0.4	1.1	0.17	0.48
5.0-6.0	45.1	0.5	1.6	0.21	0.69
6.0-7.0	45.0	0.6	2.1	0.25	0.93
7.0-8.0	44.9	0.6	2.8	0.28	1.22
8.0-9.0	44.8	0.7	3.5	0.32	1.54
9.0-10.0	44.7	0.8	4.3	0.36	1.90
10.0-11.0	44.5	0.9	5.2	0.39	2.29
11.0-12.0	44.4	1.0	6.1	0.43	2.72
12.0-13.0	44.2	1.0	7.2	0.46	3.18
13.0-14.0	44.0	1.1	8.3	0.50	3.68
14.0-15.0	43.8	1.2	9.5	0.53	4.21
15.0-16.0	43.7	1.3	10.8	0.57	4.78
16.0-17.0	43.4	1.4	12.2	0.60	5.38
17.0-18.0	43.2	1.4	13.6	0.63	6.01
18.0-19.0	43.0	1.5	15.1	0.66	6.67
19.0-20.0	42.7	1.6	16.6	0.69	7.36
20.0-21.0	42.5	1.6	18.3	0.72	8.08
21.0-22.0	42.2	1.7	20.0	0.75	8.83
22.0-23.0	41.9	1.8	21.7	0.78	9.61
23.0-24.0	41.6	1.8	23.6	0.81	10.42
24.0-25.0	41.4	1.9	25.4	0.83	11.25
25.0-26.0	41.1	1.9	27.4	0.86	12.11
26.0-27.0	40.7	2.0	29.4	0.88	12.99
27.0-28.0	40.4	2.0	31.4	0.90	13.89
28.0-29.0	40.1	2.1	33.5	0.93	14.82
29.0-30.0	39.7	2.1	35.7	0.95	15.77
30.0-31.0	39.4	2.2	37.9	0.97	16.74
31.0-32.0	39.0	2.2	40.1	0.99	17.73
32.0-33.0	38.7	2.3	42.4	1.01	18.73
33.0-34.0	38.3	2.3	44.7	1.03	19.76
34.0-35.0	37.9	2.4	47.0	1.04	20.80
35.0-36.0	37.6	2.4	49.4	1.06	21.86

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	37.2	2.4	51.9	1.07	22.93
37.0-38.0	36.8	2.5	54.3	1.09	24.02
38.0-39.0	36.4	2.5	56.8	1.10	25.12
39.0-40.0	36.1	2.5	59.3	1.11	26.23
40.0-41.0	35.7	2.5	61.9	1.12	27.36
41.0-42.0	35.3	2.6	64.4	1.13	28.49
42.0-43.0	34.9	2.6	67.0	1.14	29.63
43.0-44.0	34.5	2.6	69.6	1.15	30.78
44.0-45.0	34.1	2.6	72.2	1.16	31.94
45.0-46.0	33.7	2.6	74.9	1.17	33.11
46.0-47.0	33.3	2.6	77.5	1.17	34.28
47.0-48.0	32.9	2.7	80.2	1.17	35.45
48.0-49.0	32.4	2.7	82.8	1.18	36.63
49.0-50.0	32.0	2.7	85.5	1.18	37.81
50.0-51.0	31.6	2.7	88.2	1.18	38.99
51.0-52.0	31.2	2.7	90.9	1.18	40.18
52.0-53.0	30.7	2.7	93.5	1.18	41.36
53.0-54.0	30.3	2.7	96.2	1.18	42.54
54.0-55.0	29.9	2.7	98.9	1.18	43.72
55.0-56.0	29.5	2.7	101.5	1.18	44.90
56.0-57.0	29.0	2.7	104.2	1.17	46.07
57.0-58.0	28.6	2.6	106.8	1.17	47.24
58.0-59.0	28.1	2.6	109.5	1.16	48.41
59.0-60.0	27.7	2.6	112.1	1.16	49.56
60.0-61.0	27.3	2.6	114.7	1.15	50.71
61.0-62.0	26.8	2.6	117.3	1.14	51.86
62.0-63.0	26.4	2.6	119.8	1.13	52.99
63.0-64.0	25.9	2.5	122.4	1.13	54.12
64.0-65.0	25.5	2.5	124.9	1.12	55.23
65.0-66.0	25.0	2.5	127.4	1.11	56.34
66.0-67.0	24.6	2.5	129.9	1.09	57.43
67.0-68.0	24.1	2.4	132.3	1.08	58.51
68.0-69.0	23.7	2.4	134.7	1.07	59.58
69.0-70.0	23.2	2.4	137.1	1.06	60.64
70.0-71.0	22.8	2.4	139.5	1.04	61.68
71.0-72.0	22.3	2.3	141.8	1.03	62.71

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	21.9	2.3	144.1	1.01	63.72
73.0-74.0	21.4	2.3	146.3	1.00	64.72
74.0-75.0	21.0	2.2	148.6	0.98	65.70
75.0-76.0	20.5	2.2	150.7	0.96	66.66
76.0-77.0	20.1	2.1	152.9	0.95	67.61
77.0-78.0	19.7	2.1	155.0	0.93	68.54
78.0-79.0	19.3	2.1	157.1	0.92	69.46
79.0-80.0	18.8	2.0	159.1	0.90	70.35
80.0-81.0	18.4	2.0	161.1	0.88	71.23
81.0-82.0	18.0	1.9	163.0	0.86	72.10
82.0-83.0	17.5	1.9	164.9	0.84	72.94
83.0-84.0	17.1	1.9	166.8	0.83	73.76
84.0-85.0	16.7	1.8	168.6	0.81	74.57
85.0-86.0	16.3	1.8	170.4	0.79	75.36
86.0-87.0	15.9	1.7	172.2	0.77	76.13
87.0-88.0	15.6	1.7	173.9	0.75	76.89
88.0-89.0	15.2	1.7	175.5	0.74	77.62
89.0-90.0	14.9	1.6	177.2	0.72	78.35
90.0-91.0	14.6	1.6	178.8	0.71	79.05
91.0-92.0	14.3	1.6	180.3	0.69	79.75
92.0-93.0	14.0	1.5	181.9	0.68	80.43
93.0-94.0	13.7	1.5	183.4	0.67	81.09
94.0-95.0	13.5	1.5	184.8	0.65	81.74
95.0-96.0	13.2	1.4	186.3	0.64	82.38
96.0-97.0	12.9	1.4	187.7	0.62	83.00
97.0-98.0	12.7	1.4	189.1	0.61	83.61
98.0-99.0	12.4	1.3	190.4	0.60	84.21
99.0-100.0	12.2	1.3	191.7	0.58	84.79
100.0-101.0	11.9	1.3	193.0	0.57	85.36
101.0-102.0	11.7	1.3	194.3	0.56	85.92
102.0-103.0	11.4	1.2	195.5	0.54	86.46
103.0-104.0	11.2	1.2	196.7	0.53	86.99
104.0-105.0	11.0	1.2	197.9	0.52	87.50
105.0-106.0	10.8	1.1	199.0	0.50	88.00
106.0-107.0	10.6	1.1	200.1	0.49	88.50
107.0-108.0	10.4	1.1	201.2	0.48	88.97

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	10.1	1.1	202.3	0.47	89.44
109.0-110.0	10.0	1.0	203.3	0.45	89.90
110.0-111.0	9.8	1.0	204.3	0.44	90.34
111.0-112.0	9.6	1.0	205.3	0.43	90.77
112.0-113.0	9.4	0.9	206.2	0.42	91.19
113.0-114.0	9.2	0.9	207.1	0.41	91.60
114.0-115.0	9.0	0.9	208.0	0.40	92.00
115.0-116.0	8.9	0.9	208.9	0.39	92.38
116.0-117.0	8.7	0.9	209.8	0.38	92.76
117.0-118.0	8.5	0.8	210.6	0.37	93.13
118.0-119.0	8.3	0.8	211.4	0.36	93.48
119.0-120.0	8.2	0.8	212.2	0.35	93.83
120.0-121.0	8.0	0.8	212.9	0.33	94.16
121.0-122.0	7.8	0.7	213.7	0.32	94.49
122.0-123.0	7.7	0.7	214.4	0.31	94.80
123.0-124.0	7.5	0.7	215.1	0.30	95.10
124.0-125.0	7.4	0.7	215.7	0.29	95.40
125.0-126.0	7.2	0.6	216.4	0.28	95.68
126.0-127.0	7.0	0.6	217.0	0.27	95.96
127.0-128.0	6.8	0.6	217.6	0.26	96.22
128.0-129.0	6.6	0.6	218.2	0.25	96.47
129.0-130.0	6.4	0.5	218.7	0.24	96.71
130.0-131.0	6.2	0.5	219.2	0.23	96.94
131.0-132.0	6.0	0.5	219.7	0.22	97.16
132.0-133.0	5.8	0.5	220.2	0.21	97.36
133.0-134.0	5.6	0.4	220.6	0.20	97.56
134.0-135.0	5.4	0.4	221.1	0.19	97.75
135.0-136.0	5.3	0.4	221.5	0.18	97.93
136.0-137.0	5.1	0.4	221.8	0.17	98.10
137.0-138.0	5.0	0.4	222.2	0.16	98.26
138.0-139.0	4.8	0.3	222.6	0.15	98.42
139.0-140.0	4.6	0.3	222.9	0.14	98.56
140.0-141.0	4.4	0.3	223.2	0.14	98.70
141.0-142.0	4.3	0.3	223.5	0.13	98.83
142.0-143.0	4.0	0.3	223.8	0.12	98.95
143.0-144.0	3.8	0.2	224.0	0.11	99.06

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.6	0.2	224.2	0.10	99.16
145.0-146.0	3.3	0.2	224.4	0.09	99.25
146.0-147.0	3.1	0.2	224.6	0.08	99.33
147.0-148.0	2.9	0.2	224.8	0.07	99.41
148.0-149.0	2.6	0.2	224.9	0.07	99.47
149.0-150.0	2.4	0.1	225.1	0.06	99.53
150.0-151.0	2.2	0.1	225.2	0.05	99.58
151.0-152.0	2.1	0.1	225.3	0.05	99.63
152.0-153.0	1.9	0.1	225.4	0.04	99.68
153.0-154.0	1.8	0.1	225.5	0.04	99.71
154.0-155.0	1.7	0.1	225.6	0.04	99.75
155.0-156.0	1.6	0.1	225.6	0.03	99.78
156.0-157.0	1.5	0.1	225.7	0.03	99.81
157.0-158.0	1.4	0.1	225.8	0.03	99.84
158.0-159.0	1.4	0.1	225.8	0.02	99.86
159.0-160.0	1.3	0.0	225.9	0.02	99.88
160.0-161.0	1.2	0.0	225.9	0.02	99.90
161.0-162.0	1.0	0.0	226.0	0.02	99.92
162.0-163.0	0.9	0.0	226.0	0.01	99.93
163.0-164.0	0.8	0.0	226.0	0.01	99.94
164.0-165.0	0.8	0.0	226.0	0.01	99.95
165.0-166.0	0.7	0.0	226.0	0.01	99.96
166.0-167.0	0.6	0.0	226.1	0.01	99.97
167.0-168.0	0.5	0.0	226.1	0.01	99.97
168.0-169.0	0.5	0.0	226.1	0.00	99.98
169.0-170.0	0.5	0.0	226.1	0.00	99.98
170.0-171.0	0.5	0.0	226.1	0.00	99.99
171.0-172.0	0.4	0.0	226.1	0.00	99.99
172.0-173.0	0.4	0.0	226.1	0.00	99.99
173.0-174.0	0.4	0.0	226.1	0.00	99.99
174.0-175.0	0.4	0.0	226.1	0.00	100.00
175.0-176.0	0.4	0.0	226.1	0.00	100.00
176.0-177.0	0.4	0.0	226.1	0.00	100.00
177.0-178.0	0.4	0.0	226.1	0.00	100.00
178.0-179.0	0.4	0.0	226.1	0.00	100.00
179.0-180.0	0.4	0.0	226.1	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: