

Report No.:

Test Time: 2022/11/29 09:51

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Silhouette

Luminaire Description: Neon Silhouette RGB-Red only

Lamp Catalog: NLS3.0RGB-Red only

Luminous Length (mm): 1000

Luminous Height (mm): 12

Current: 0.133 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 06

Voltage: 24.0 V

Power: 3.20 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 26.7 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H163.8,H108

Vertical Diffuse Angle(10%,50%): V169.1,V107

Luminaire Efficacy Rating (LER): 8

Max. Intensity: 9.64 cd

Total Rated Lamp Lumens: 26.7 lm

Efficiency: 100%

Upward Ratio: 2%

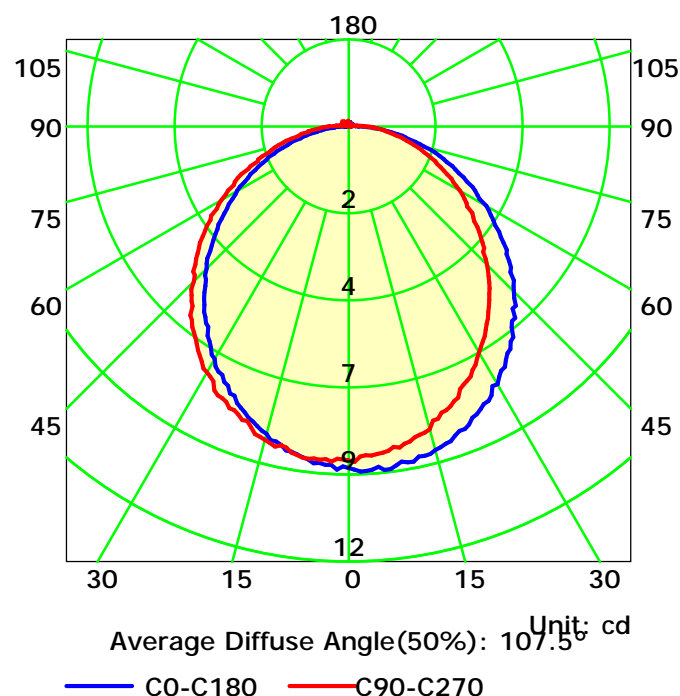
Central Intensity: 9.53 cd

Pos of Max. Intensity: H0 V2

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

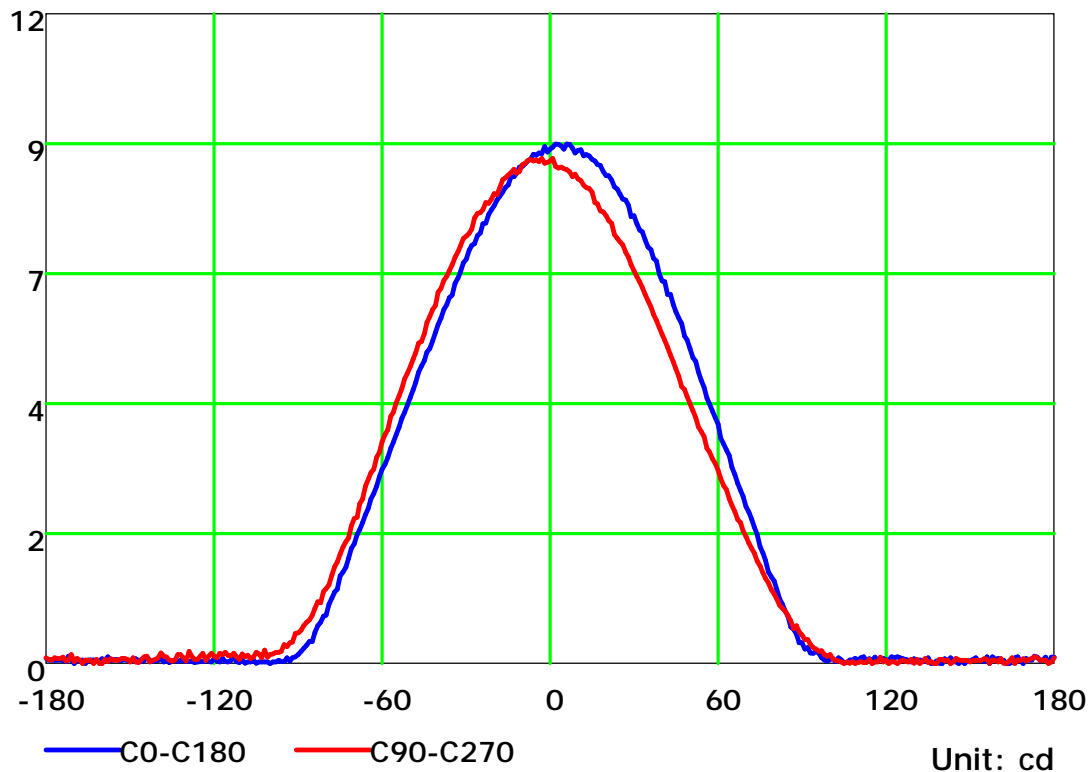
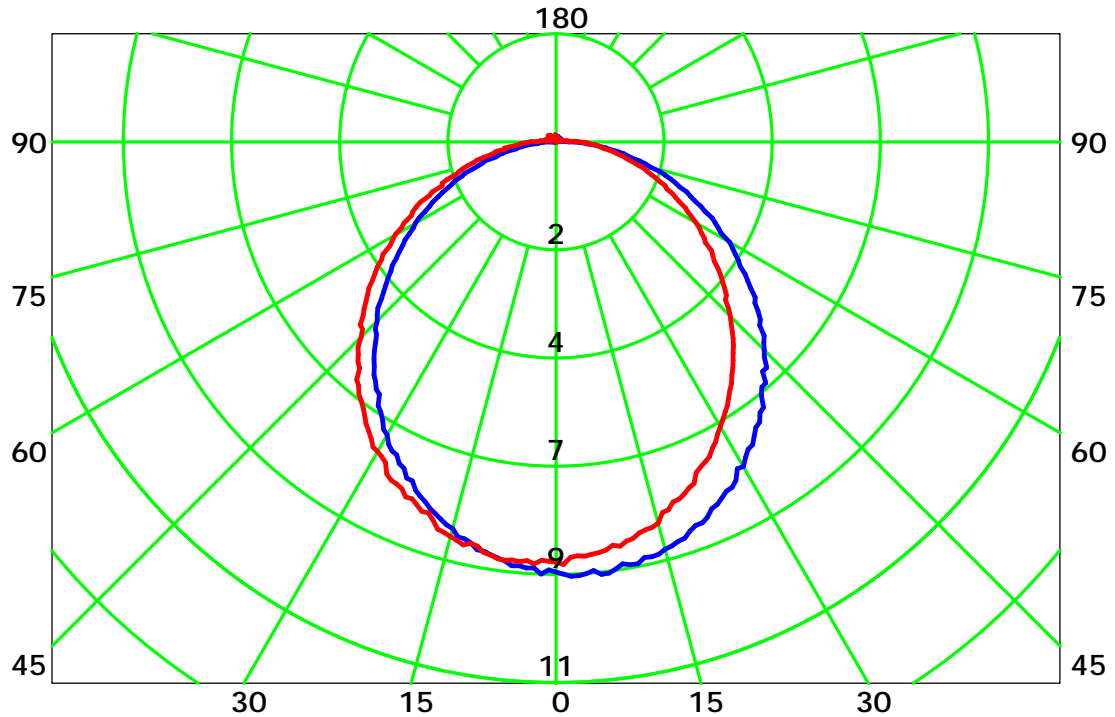
Distance: 9.028 m

Humidity: 60%

Inspector:



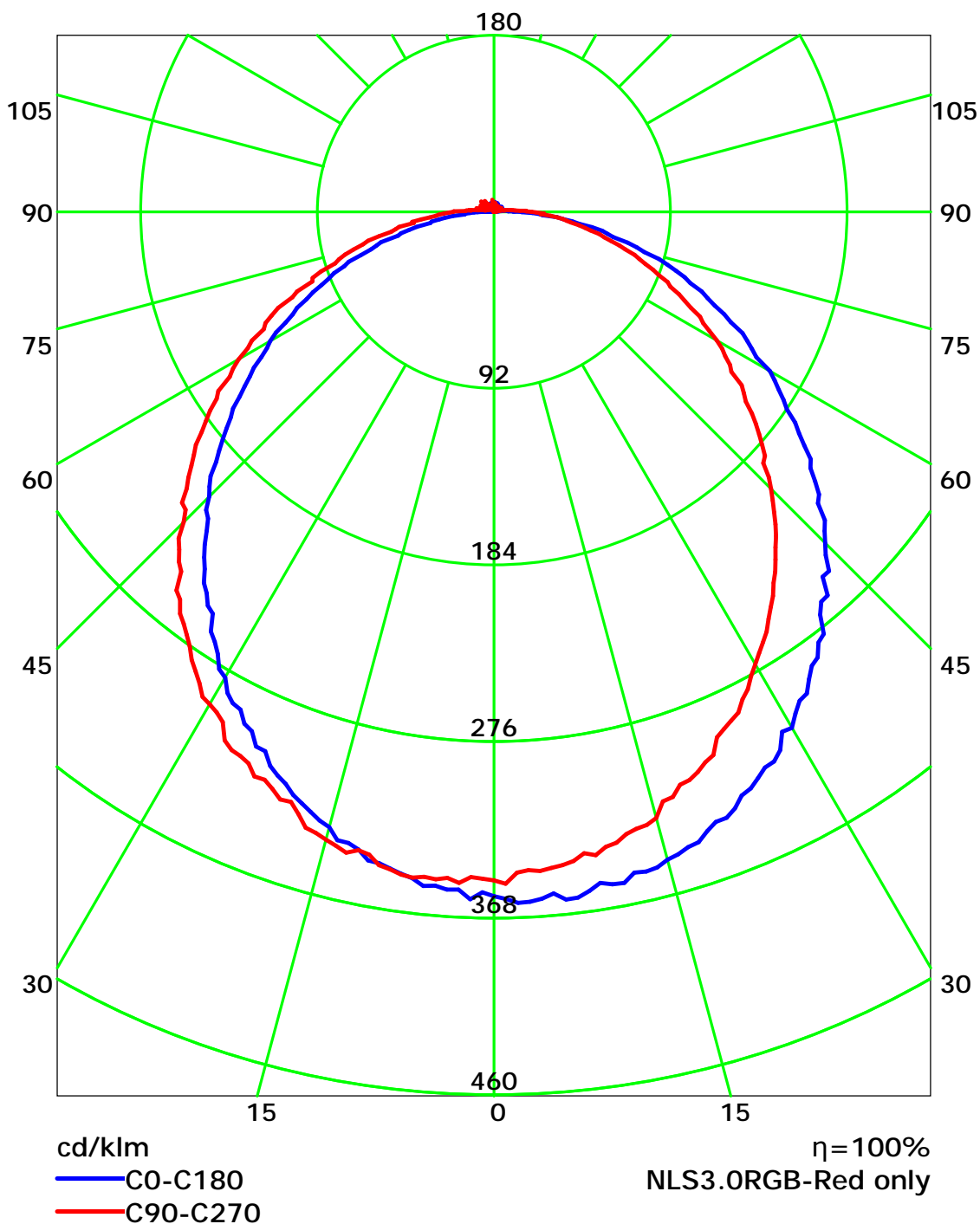
## Luminous Intensity Distribution Curve



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:

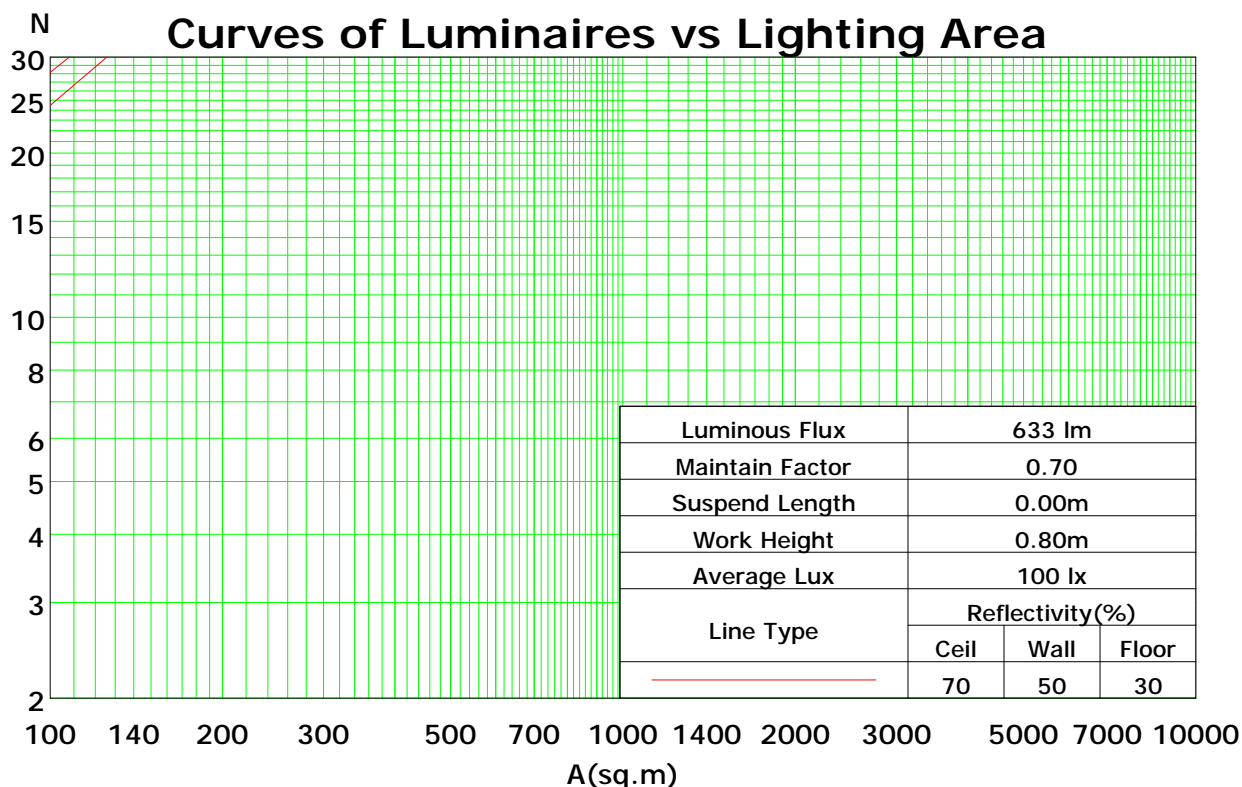
## Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	108	103	98	94	105	100	96	92	95	92	89	91	88	86	87	85	83	81
2	98	89	82	76	95	87	81	75	83	78	73	80	75	71	76	73	69	67
3	89	78	70	63	86	77	69	63	73	67	61	70	65	60	67	63	59	56
4	82	69	60	54	79	68	60	53	65	58	52	62	56	51	60	55	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	36
7	64	51	42	36	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	41	35	31	29
9	56	42	34	29	54	42	34	29	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.22

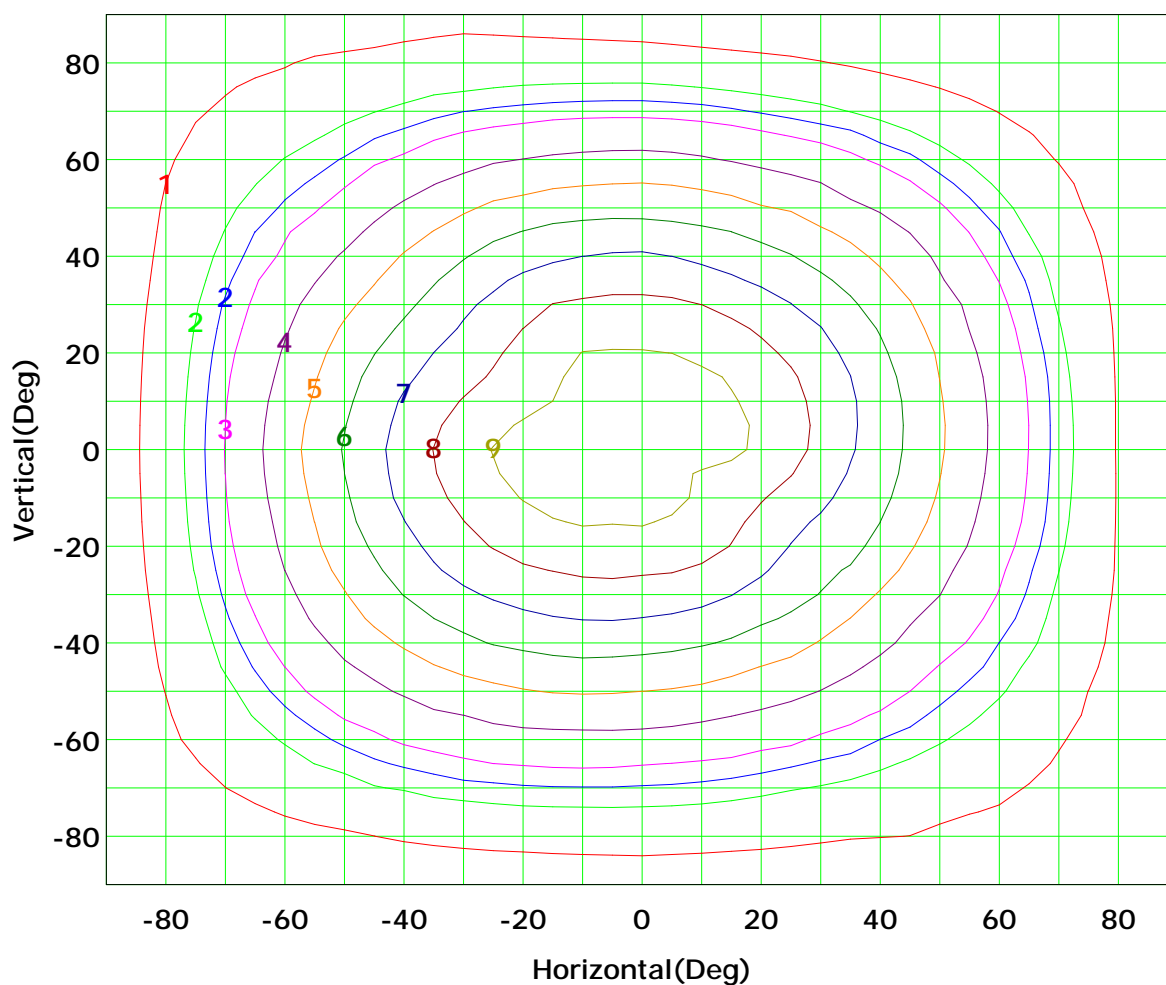
Spacing Criteria (Diagonal): 1.32



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)



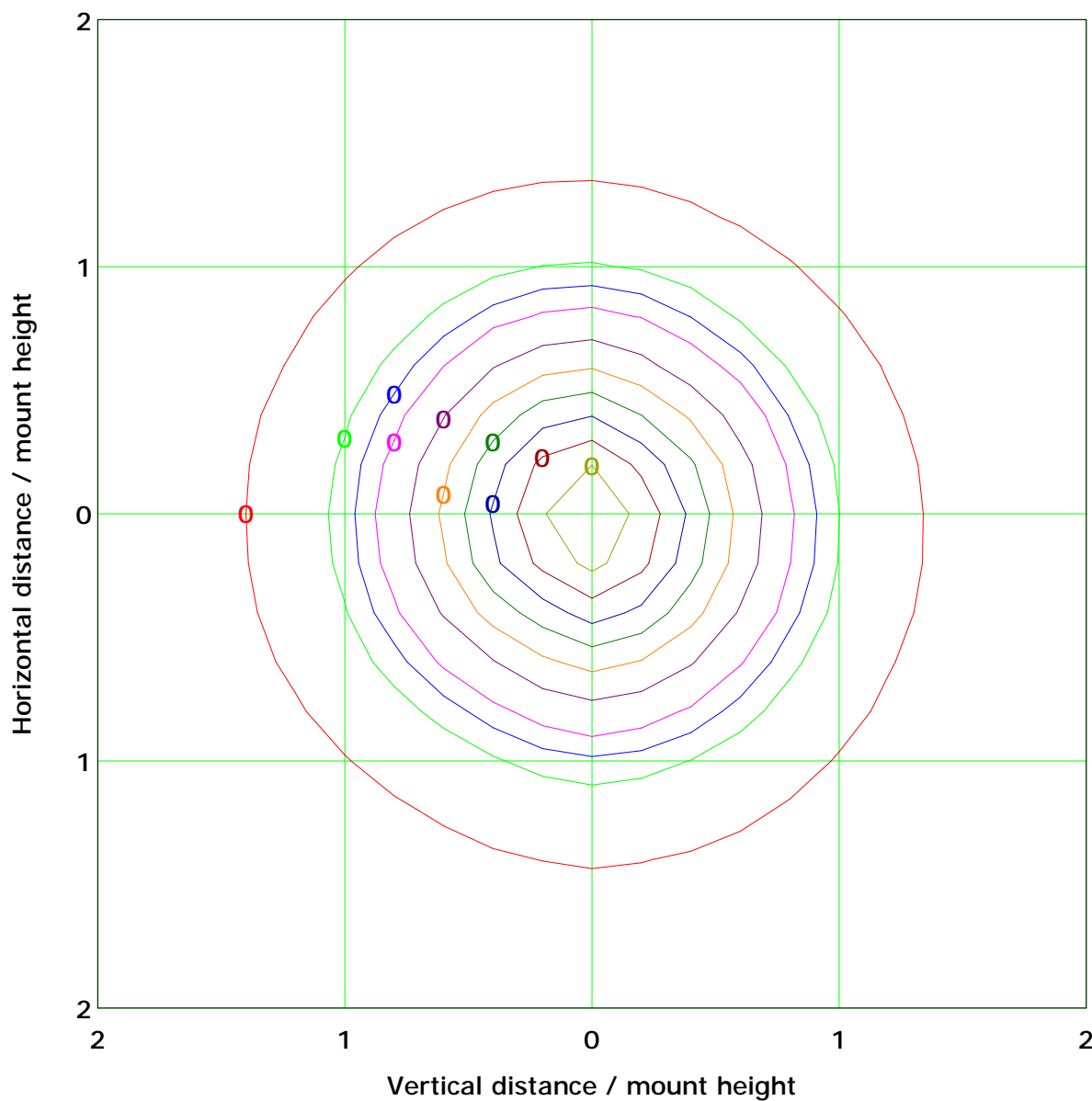
I<sub>max</sub> (100%): 10 cd

( 10%):	1 cd	( 20%):	2 cd
( 25%):	2 cd	( 30%):	3 cd
( 40%):	4 cd	( 50%):	5 cd
( 60%):	6 cd	( 70%):	7 cd
( 80%):	8 cd	( 90%):	9 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%): 0.4 lx

( 10%): 0.0 lx	( 20%): 0.1 lx
( 25%): 0.1 lx	( 30%): 0.1 lx
( 40%): 0.2 lx	( 50%): 0.2 lx
( 60%): 0.2 lx	( 70%): 0.3 lx
( 80%): 0.3 lx	( 90%): 0.3 lx

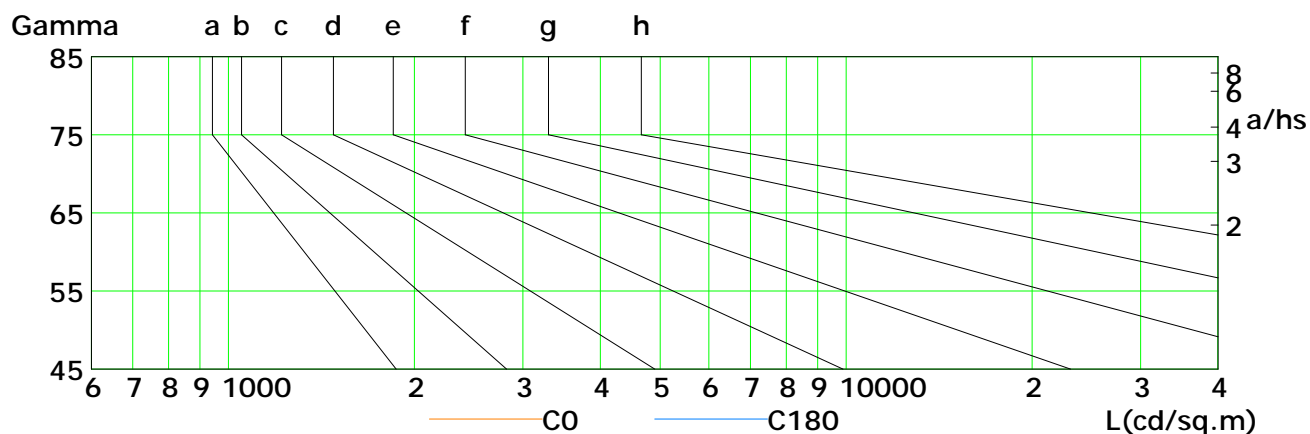
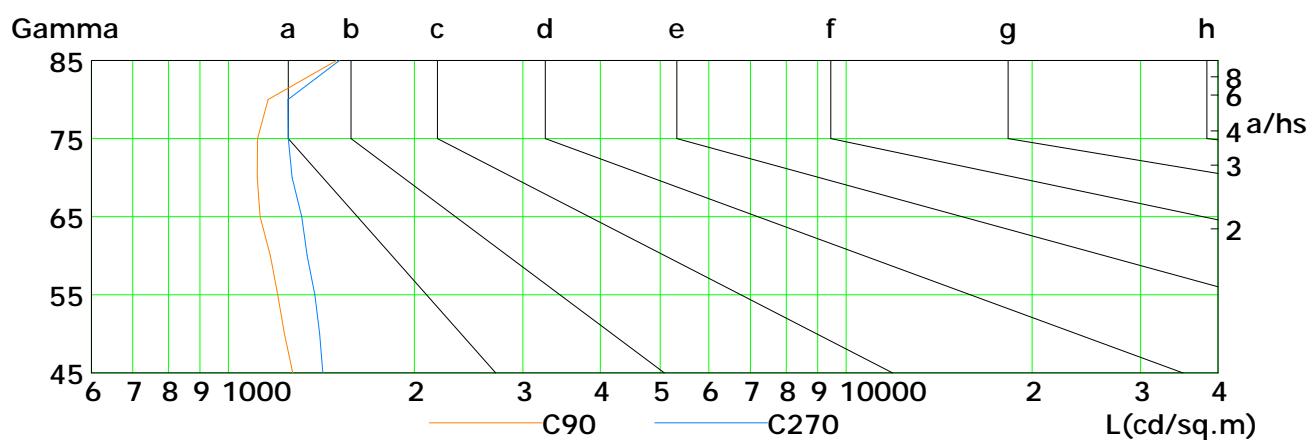
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

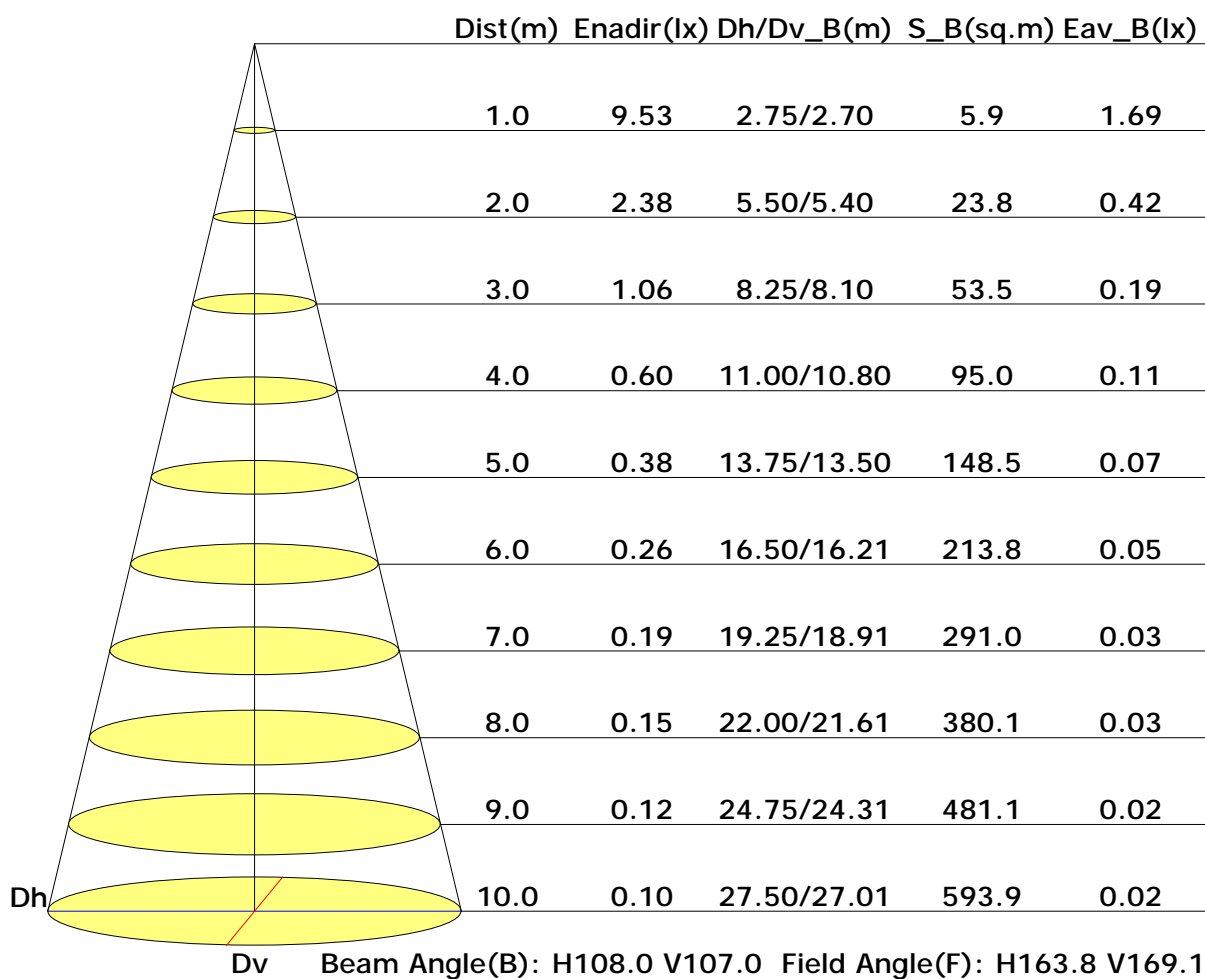


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	512	448	386	332	271	218	165	119	71
C90	1272	1232	1203	1169	1127	1113	1116	1159	1497
C180	441	378	319	269	215	167	124	70	33
C270	1423	1406	1380	1342	1315	1269	1251	1249	1513

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

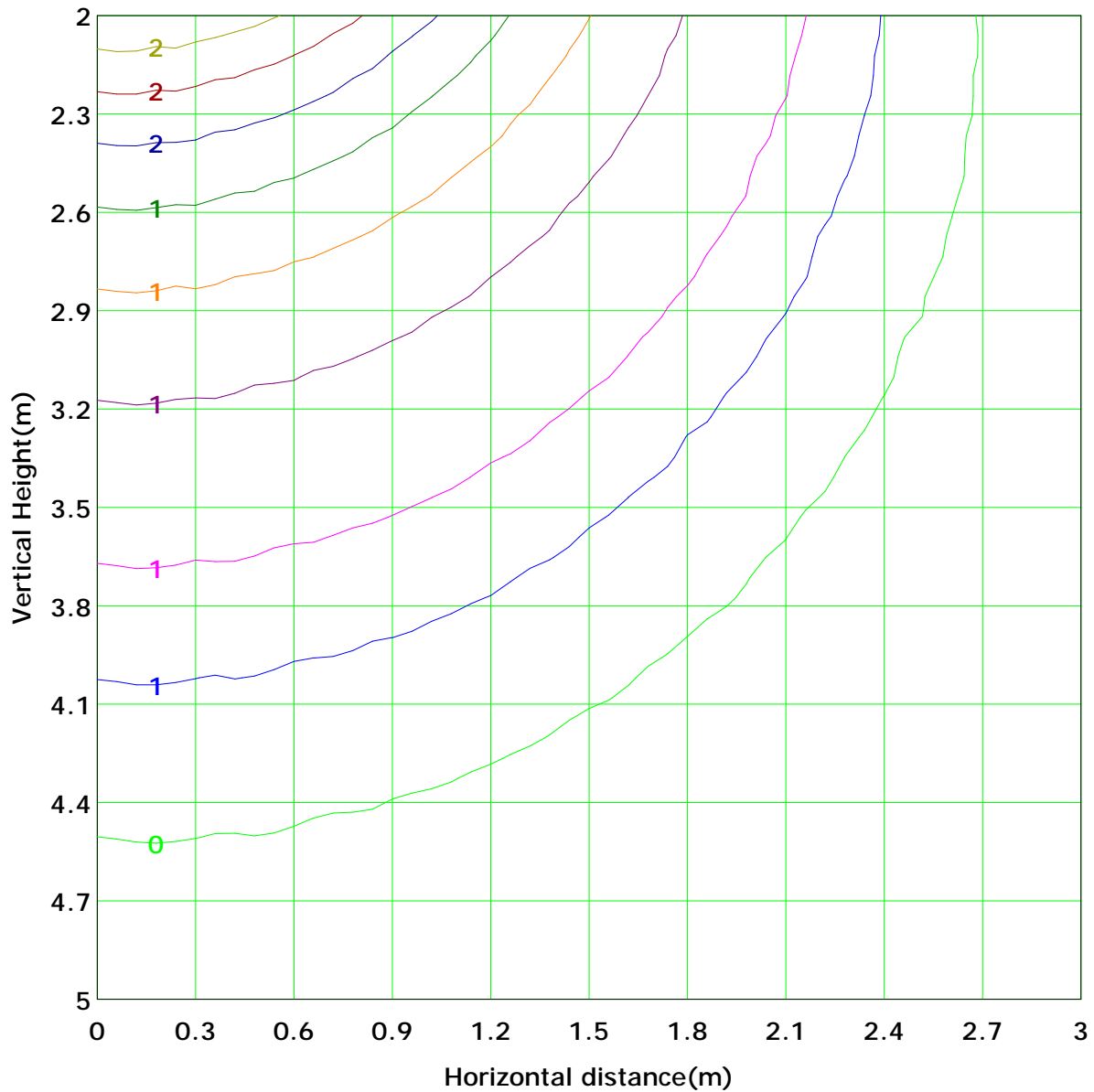
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 2.4 lx
( 10%): 0.2 lx	( 20%): 0.5 lx	( 30%): 0.7 lx
( 25%): 0.6 lx	( 50%): 1.2 lx	( 70%): 1.7 lx
( 40%): 1.0 lx	( 90%): 2.2 lx	
( 60%): 1.4 lx		
( 80%): 1.9 lx		

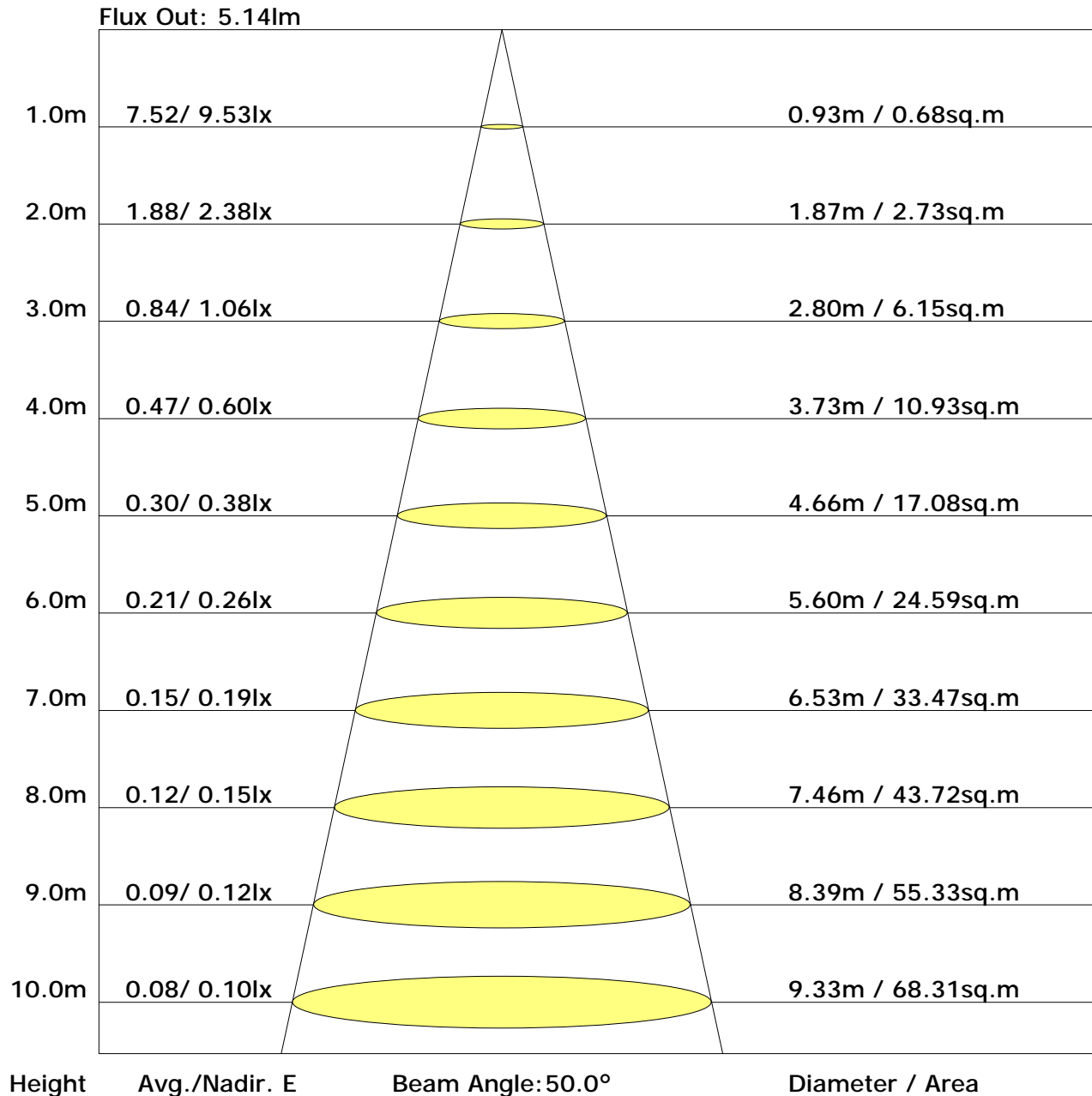
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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	23.5	25.1	23.9	25.5	25.9	20.1	21.7	20.5	22.1	22.4
3H	25.6	27.0	26.0	27.4	27.8	21.5	22.9	21.9	23.3	23.7
4H	26.4	27.8	26.8	28.2	28.6	22.0	23.3	22.4	23.7	24.2
6H	27.1	28.4	27.6	28.8	29.2	22.3	23.6	22.8	24.0	24.4
8H	27.4	28.6	27.9	29.0	29.5	22.4	23.6	22.9	24.1	24.5
12H	27.6	28.8	28.1	29.2	29.7	22.5	23.7	23.0	24.1	24.6
X=4H Y=2H	23.8	25.1	24.2	25.5	26.0	20.8	22.2	21.2	22.6	23.0
3H	25.9	27.1	26.4	27.5	28.0	22.4	23.5	22.8	23.9	24.4
4H	26.8	27.9	27.3	28.3	28.8	22.9	24.0	23.4	24.4	24.9
6H	27.6	28.6	28.1	29.0	29.5	23.4	24.3	23.9	24.8	25.3
8H	28.0	28.8	28.5	29.3	29.8	23.5	24.4	24.0	24.9	25.4
12H	28.3	29.0	28.8	29.6	30.1	23.7	24.5	24.2	25.0	25.5
X=8H Y=4H	26.9	27.8	27.4	28.3	28.8	23.3	24.1	23.8	24.6	25.1
6H	27.7	28.5	28.3	29.0	29.5	23.8	24.5	24.4	25.1	25.6
8H	28.1	28.8	28.7	29.3	29.9	24.0	24.7	24.6	25.2	25.8
12H	28.5	29.1	29.0	29.6	30.2	24.2	24.8	24.8	25.3	26.0
X=12H Y=4H	26.9	27.7	27.4	28.2	28.7	23.3	24.1	23.8	24.6	25.1
6H	27.8	28.4	28.3	28.9	29.5	23.9	24.6	24.5	25.1	25.6
8H	28.2	28.7	28.7	29.3	29.9	24.2	24.7	24.7	25.3	25.9

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 = 1.25								
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	0.56	0.66	0.73	0.78	0.86	0.91	0.94	0.99	1.02
	0.30		0.48	0.58	0.66	0.71	0.79	0.85	0.89	0.94	0.98
	0.20		0.42	0.52	0.60	0.66	0.74	0.80	0.84	0.91	0.95
0.50	0.50	0.20	0.54	0.64	0.70	0.75	0.82	0.87	0.90	0.94	0.97
	0.30		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.94
	0.20		0.42	0.52	0.59	0.64	0.72	0.78	0.82	0.88	0.91
0.30	0.50	0.20	0.52	0.61	0.68	0.72	0.79	0.83	0.86	0.90	0.93
	0.30		0.46	0.55	0.62	0.67	0.74	0.79	0.83	0.87	0.90
	0.20		0.41	0.51	0.58	0.63	0.70	0.76	0.79	0.85	0.88
0.00	0.00	0.00	0.39	0.48	0.55	0.60	0.67	0.71	0.75	0.80	0.83
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 = 1.25									
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	1.00	0.83	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.96	0.80	0.68	0.59	0.48	0.43	0.34	0.27	0.22	
	0.30		0.81	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.93	0.76	0.65	0.57	0.45	0.38	0.33	0.25	0.21	
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.31	0.24	0.20	
	0.20		0.69	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.50	0.43	0.38	0.31	0.27	0.23	0.18	0.15	
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 = 1.25								
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	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18
0.30	0.50	0.20	0.17	0.19	0.19	0.20	0.21	0.21	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	9.3	0.0	0.0	0.03	0.03
1.0-2.0	9.3	0.0	0.0	0.10	0.13
2.0-3.0	9.3	0.0	0.1	0.17	0.30
3.0-4.0	9.3	0.1	0.1	0.23	0.53
4.0-5.0	9.3	0.1	0.2	0.30	0.83
5.0-6.0	9.3	0.1	0.3	0.36	1.20
6.0-7.0	9.2	0.1	0.4	0.43	1.63
7.0-8.0	9.2	0.1	0.6	0.49	2.12
8.0-9.0	9.2	0.1	0.7	0.56	2.68
9.0-10.0	9.1	0.2	0.9	0.62	3.30
10.0-11.0	9.1	0.2	1.1	0.68	3.98
11.0-12.0	9.1	0.2	1.3	0.74	4.73
12.0-13.0	9.0	0.2	1.5	0.80	5.53
13.0-14.0	9.0	0.2	1.7	0.86	6.39
14.0-15.0	8.9	0.2	1.9	0.92	7.30
15.0-16.0	8.9	0.3	2.2	0.97	8.28
16.0-17.0	8.8	0.3	2.5	1.03	9.30
17.0-18.0	8.7	0.3	2.8	1.08	10.38
18.0-19.0	8.7	0.3	3.1	1.13	11.51
19.0-20.0	8.6	0.3	3.4	1.18	12.69
20.0-21.0	8.5	0.3	3.7	1.23	13.92
21.0-22.0	8.4	0.3	4.1	1.27	15.19
22.0-23.0	8.3	0.4	4.4	1.31	16.50
23.0-24.0	8.3	0.4	4.8	1.35	17.85
24.0-25.0	8.2	0.4	5.1	1.39	19.25
25.0-26.0	8.1	0.4	5.5	1.43	20.68
26.0-27.0	8.0	0.4	5.9	1.47	22.15
27.0-28.0	7.9	0.4	6.3	1.50	23.65
28.0-29.0	7.8	0.4	6.7	1.53	25.17
29.0-30.0	7.7	0.4	7.1	1.56	26.73
30.0-31.0	7.6	0.4	7.6	1.58	28.31
31.0-32.0	7.5	0.4	8.0	1.61	29.92
32.0-33.0	7.4	0.4	8.4	1.63	31.55
33.0-34.0	7.3	0.4	8.9	1.65	33.20
34.0-35.0	7.1	0.4	9.3	1.66	34.86
35.0-36.0	7.0	0.4	9.7	1.68	36.54

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	6.9	0.5	10.2	1.69	38.23
37.0-38.0	6.8	0.5	10.7	1.70	39.93
38.0-39.0	6.7	0.5	11.1	1.71	41.64
39.0-40.0	6.6	0.5	11.6	1.72	43.35
40.0-41.0	6.5	0.5	12.0	1.72	45.07
41.0-42.0	6.3	0.5	12.5	1.72	46.80
42.0-43.0	6.2	0.5	12.9	1.72	48.52
43.0-44.0	6.1	0.5	13.4	1.72	50.23
44.0-45.0	5.9	0.5	13.9	1.71	51.94
45.0-46.0	5.8	0.5	14.3	1.70	53.64
46.0-47.0	5.7	0.5	14.8	1.69	55.34
47.0-48.0	5.5	0.4	15.2	1.68	57.01
48.0-49.0	5.4	0.4	15.7	1.66	58.68
49.0-50.0	5.3	0.4	16.1	1.65	60.33
50.0-51.0	5.1	0.4	16.5	1.63	61.95
51.0-52.0	5.0	0.4	17.0	1.61	63.56
52.0-53.0	4.9	0.4	17.4	1.59	65.15
53.0-54.0	4.7	0.4	17.8	1.56	66.71
54.0-55.0	4.6	0.4	18.2	1.54	68.25
55.0-56.0	4.5	0.4	18.6	1.51	69.76
56.0-57.0	4.3	0.4	19.0	1.48	71.24
57.0-58.0	4.2	0.4	19.4	1.45	72.70
58.0-59.0	4.0	0.4	19.8	1.42	74.11
59.0-60.0	3.9	0.4	20.1	1.39	75.50
60.0-61.0	3.8	0.4	20.5	1.35	76.85
61.0-62.0	3.6	0.3	20.9	1.31	78.16
62.0-63.0	3.5	0.3	21.2	1.27	79.43
63.0-64.0	3.4	0.3	21.5	1.24	80.67
64.0-65.0	3.2	0.3	21.8	1.20	81.87
65.0-66.0	3.1	0.3	22.2	1.16	83.03
66.0-67.0	3.0	0.3	22.5	1.11	84.14
67.0-68.0	2.8	0.3	22.7	1.07	85.21
68.0-69.0	2.7	0.3	23.0	1.03	86.24
69.0-70.0	2.6	0.3	23.3	0.99	87.23
70.0-71.0	2.4	0.3	23.5	0.95	88.17
71.0-72.0	2.3	0.2	23.8	0.89	89.07

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	2.2	0.2	24.0	0.85	89.92
73.0-74.0	2.0	0.2	24.2	0.81	90.73
74.0-75.0	1.9	0.2	24.4	0.76	91.49
75.0-76.0	1.8	0.2	24.6	0.72	92.20
76.0-77.0	1.7	0.2	24.8	0.67	92.87
77.0-78.0	1.5	0.2	24.9	0.62	93.49
78.0-79.0	1.4	0.2	25.1	0.57	94.06
79.0-80.0	1.3	0.1	25.2	0.53	94.59
80.0-81.0	1.2	0.1	25.4	0.49	95.08
81.0-82.0	1.1	0.1	25.5	0.44	95.52
82.0-83.0	1.0	0.1	25.6	0.40	95.92
83.0-84.0	0.9	0.1	25.7	0.36	96.29
84.0-85.0	0.8	0.1	25.8	0.32	96.61
85.0-86.0	0.7	0.1	25.9	0.29	96.90
86.0-87.0	0.6	0.1	25.9	0.25	97.15
87.0-88.0	0.5	0.1	26.0	0.22	97.36
88.0-89.0	0.5	0.1	26.0	0.19	97.56
89.0-90.0	0.4	0.0	26.1	0.17	97.72
90.0-91.0	0.4	0.0	26.1	0.15	97.87
91.0-92.0	0.3	0.0	26.1	0.13	98.00
92.0-93.0	0.3	0.0	26.2	0.11	98.11
93.0-94.0	0.2	0.0	26.2	0.10	98.21
94.0-95.0	0.2	0.0	26.2	0.09	98.30
95.0-96.0	0.2	0.0	26.3	0.08	98.38
96.0-97.0	0.2	0.0	26.3	0.07	98.45
97.0-98.0	0.1	0.0	26.3	0.06	98.51
98.0-99.0	0.1	0.0	26.3	0.05	98.56
99.0-100.0	0.1	0.0	26.3	0.04	98.60
100.0-101.0	0.1	0.0	26.3	0.04	98.64
101.0-102.0	0.1	0.0	26.3	0.04	98.68
102.0-103.0	0.1	0.0	26.3	0.04	98.72
103.0-104.0	0.1	0.0	26.3	0.03	98.75
104.0-105.0	0.1	0.0	26.4	0.03	98.78
105.0-106.0	0.1	0.0	26.4	0.03	98.81
106.0-107.0	0.1	0.0	26.4	0.02	98.84
107.0-108.0	0.1	0.0	26.4	0.03	98.86

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 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	0.1	0.0	26.4	0.03	98.89
109.0-110.0	0.1	0.0	26.4	0.03	98.92
110.0-111.0	0.1	0.0	26.4	0.03	98.95
111.0-112.0	0.1	0.0	26.4	0.02	98.97
112.0-113.0	0.1	0.0	26.4	0.03	99.00
113.0-114.0	0.1	0.0	26.4	0.03	99.03
114.0-115.0	0.1	0.0	26.4	0.03	99.06
115.0-116.0	0.1	0.0	26.4	0.03	99.09
116.0-117.0	0.1	0.0	26.4	0.03	99.12
117.0-118.0	0.1	0.0	26.5	0.03	99.15
118.0-119.0	0.1	0.0	26.5	0.03	99.17
119.0-120.0	0.1	0.0	26.5	0.02	99.20
120.0-121.0	0.1	0.0	26.5	0.02	99.22
121.0-122.0	0.1	0.0	26.5	0.02	99.25
122.0-123.0	0.1	0.0	26.5	0.03	99.27
123.0-124.0	0.1	0.0	26.5	0.03	99.30
124.0-125.0	0.1	0.0	26.5	0.03	99.33
125.0-126.0	0.1	0.0	26.5	0.03	99.35
126.0-127.0	0.1	0.0	26.5	0.02	99.37
127.0-128.0	0.1	0.0	26.5	0.02	99.40
128.0-129.0	0.1	0.0	26.5	0.03	99.42
129.0-130.0	0.1	0.0	26.5	0.02	99.45
130.0-131.0	0.1	0.0	26.5	0.02	99.46
131.0-132.0	0.1	0.0	26.5	0.02	99.49
132.0-133.0	0.1	0.0	26.6	0.02	99.51
133.0-134.0	0.1	0.0	26.6	0.02	99.53
134.0-135.0	0.1	0.0	26.6	0.02	99.55
135.0-136.0	0.1	0.0	26.6	0.02	99.56
136.0-137.0	0.1	0.0	26.6	0.02	99.58
137.0-138.0	0.1	0.0	26.6	0.02	99.60
138.0-139.0	0.1	0.0	26.6	0.02	99.62
139.0-140.0	0.1	0.0	26.6	0.02	99.64
140.0-141.0	0.1	0.0	26.6	0.01	99.66
141.0-142.0	0.1	0.0	26.6	0.01	99.67
142.0-143.0	0.1	0.0	26.6	0.02	99.69
143.0-144.0	0.1	0.0	26.6	0.02	99.71

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 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	0.1	0.0	26.6	0.02	99.72
145.0-146.0	0.1	0.0	26.6	0.02	99.74
146.0-147.0	0.1	0.0	26.6	0.01	99.75
147.0-148.0	0.1	0.0	26.6	0.01	99.77
148.0-149.0	0.1	0.0	26.6	0.01	99.78
149.0-150.0	0.1	0.0	26.6	0.01	99.79
150.0-151.0	0.1	0.0	26.6	0.01	99.81
151.0-152.0	0.1	0.0	26.6	0.01	99.82
152.0-153.0	0.1	0.0	26.6	0.01	99.83
153.0-154.0	0.1	0.0	26.6	0.01	99.84
154.0-155.0	0.1	0.0	26.6	0.01	99.86
155.0-156.0	0.1	0.0	26.6	0.01	99.87
156.0-157.0	0.1	0.0	26.7	0.01	99.88
157.0-158.0	0.1	0.0	26.7	0.01	99.89
158.0-159.0	0.1	0.0	26.7	0.01	99.90
159.0-160.0	0.1	0.0	26.7	0.01	99.91
160.0-161.0	0.1	0.0	26.7	0.01	99.92
161.0-162.0	0.1	0.0	26.7	0.01	99.92
162.0-163.0	0.1	0.0	26.7	0.01	99.93
163.0-164.0	0.1	0.0	26.7	0.01	99.94
164.0-165.0	0.1	0.0	26.7	0.01	99.94
165.0-166.0	0.1	0.0	26.7	0.01	99.95
166.0-167.0	0.1	0.0	26.7	0.01	99.96
167.0-168.0	0.1	0.0	26.7	0.01	99.96
168.0-169.0	0.1	0.0	26.7	0.01	99.97
169.0-170.0	0.1	0.0	26.7	0.00	99.97
170.0-171.0	0.1	0.0	26.7	0.00	99.98
171.0-172.0	0.1	0.0	26.7	0.00	99.98
172.0-173.0	0.1	0.0	26.7	0.00	99.99
173.0-174.0	0.1	0.0	26.7	0.00	99.99
174.0-175.0	0.1	0.0	26.7	0.00	99.99
175.0-176.0	0.1	0.0	26.7	0.00	100.00
176.0-177.0	0.1	0.0	26.7	0.00	100.00
177.0-178.0	0.1	0.0	26.7	0.00	100.00
178.0-179.0	0.1	0.0	26.7	0.00	100.00
179.0-180.0	0.1	0.0	26.7	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: