

Report No.:

Test Time: 2022/6/13 12:03

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants CS35 D-rows flex pcb VW

Luminaire Description: Curved pendants CS35 D-rows flex pcb VW

Lamp Catalog: VW 2400+6200K

Luminous Width (mm): 35

Voltage: 24.0 V

Power: 9.11 W

Luminous Length (mm): 300

Luminous Height (mm): 25

Current: 0.379 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 301.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H157,H102.3

Vertical Diffuse Angle(10%,50%): V157.5,V99.5

Luminaire Efficacy Rating (LER): 33

Max. Intensity: 119.7 cd

Total Rated Lamp Lumens: 301.1 lm

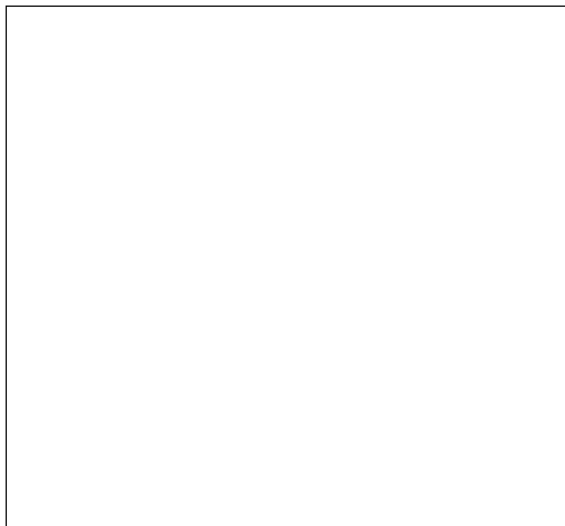
Efficiency: 100%

Upward Ratio: 1%

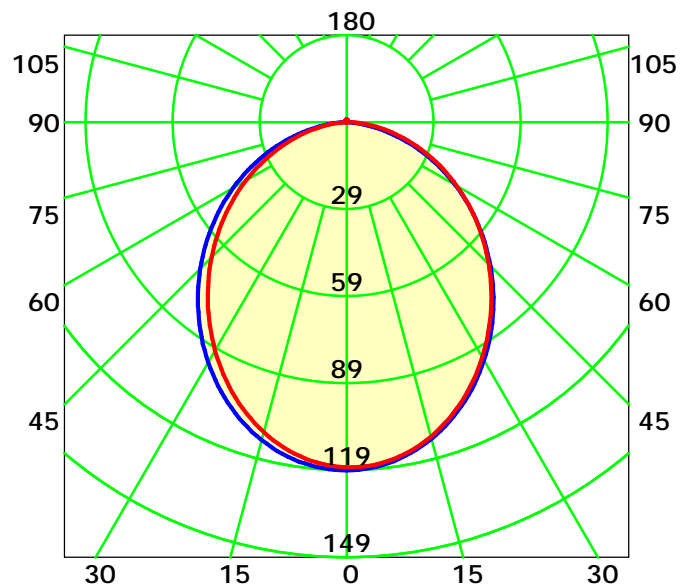
Central Intensity: 119.7 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 100.9° 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

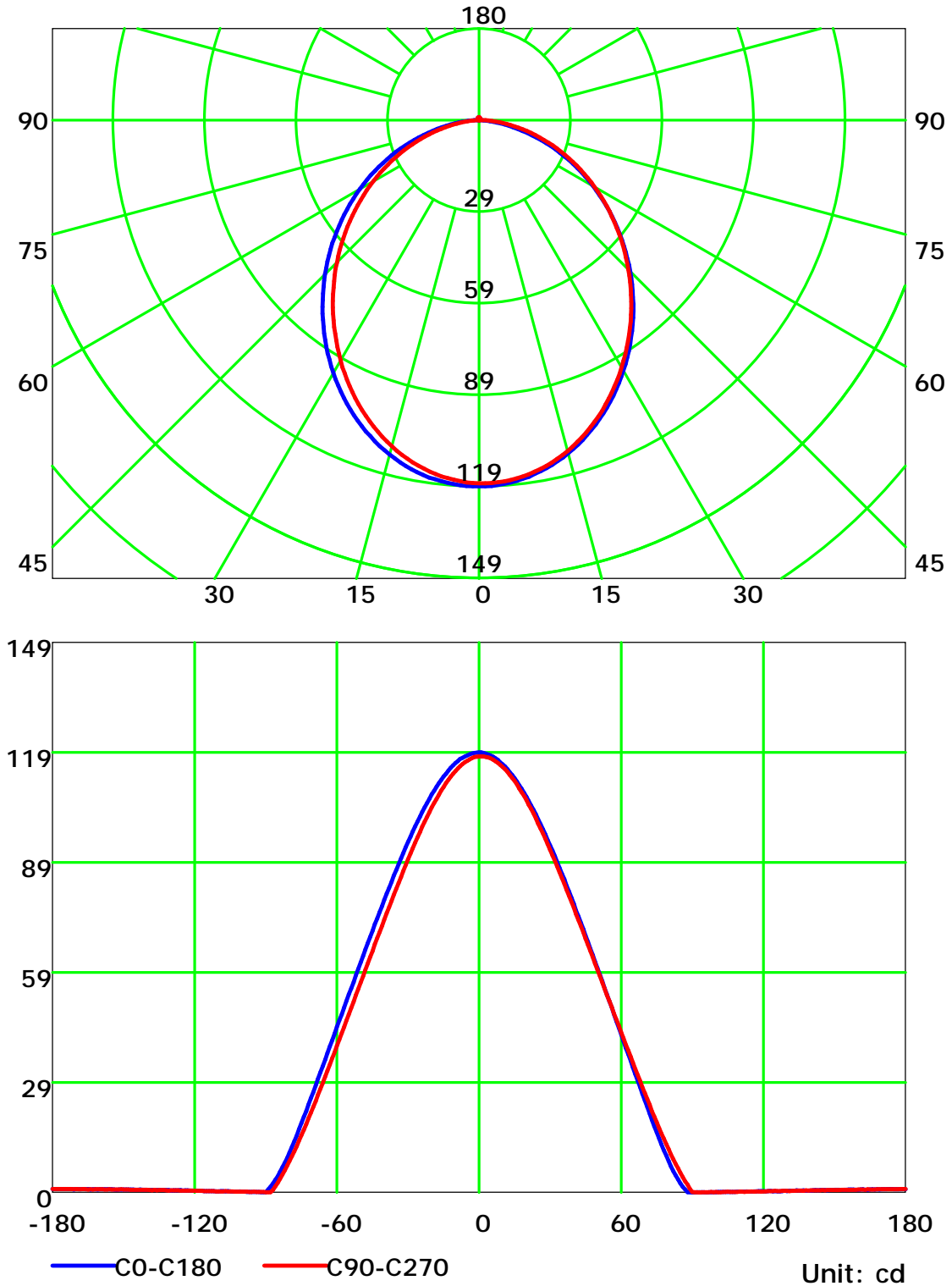
Distance: 9.028 m

Humidity: 60%

Inspector:



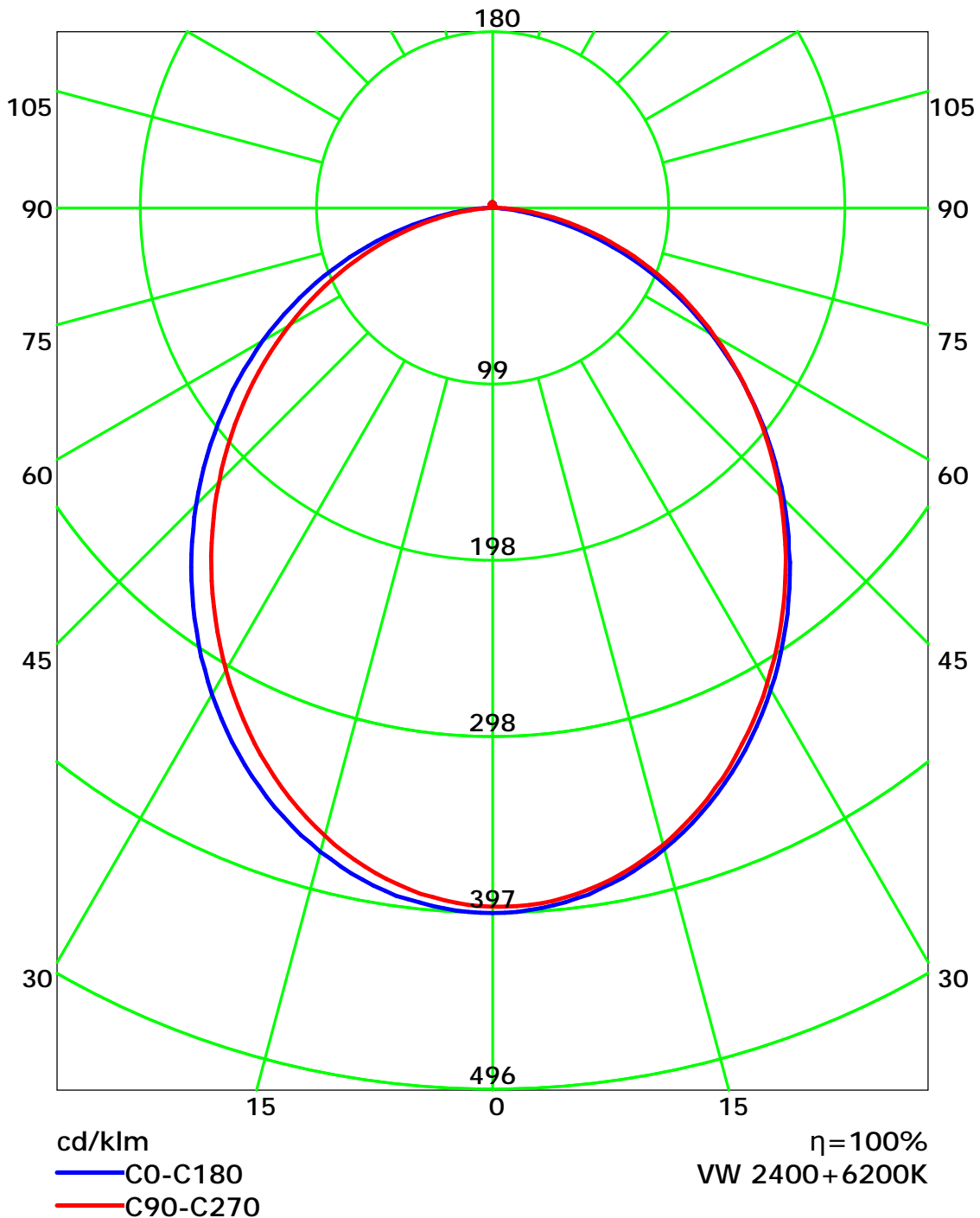
## Luminous Intensity Distribution Curve



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:

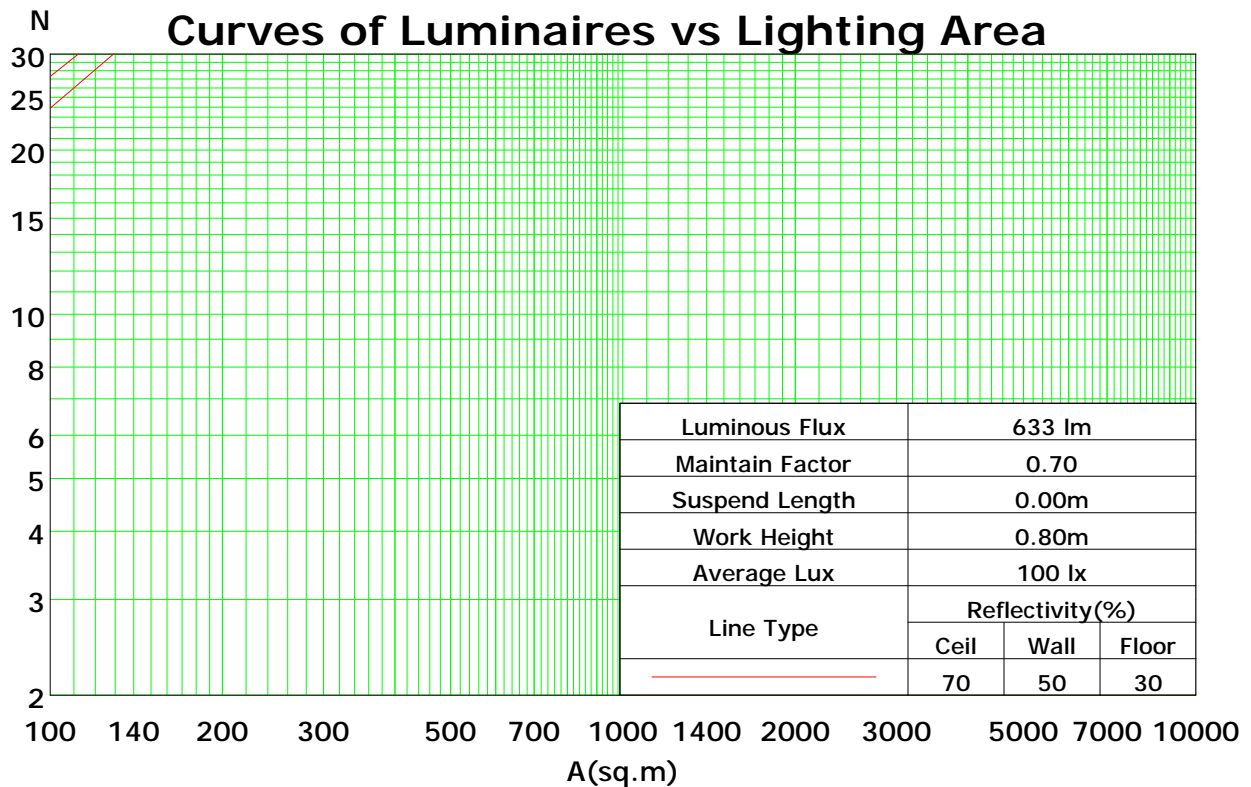
## Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70
3	91	81	73	66	88	79	71	66	76	69	64	73	68	63	70	66	62	60
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	53	51
5	77	64	55	49	75	63	55	49	61	53	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	37	33	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.16

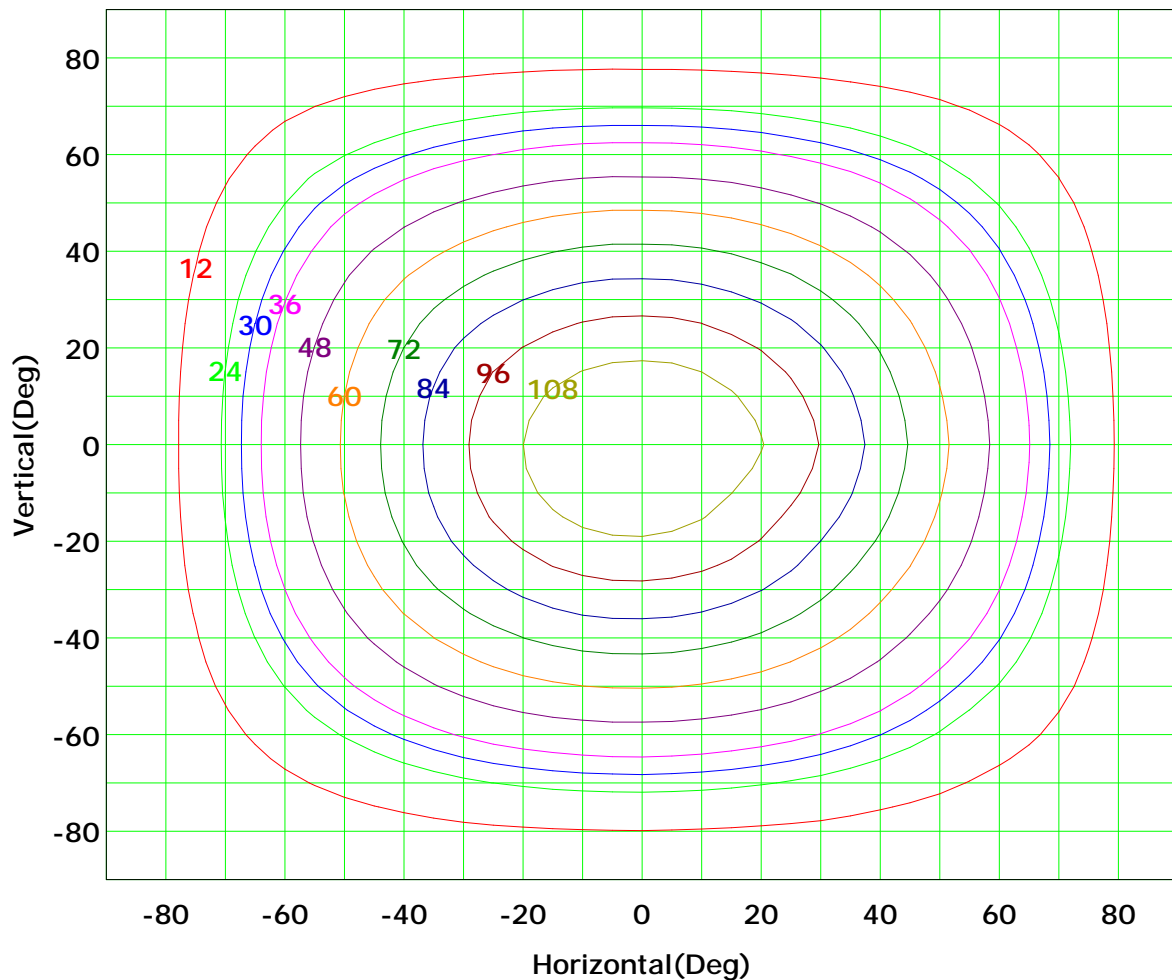
Spacing Criteria (Diagonal): 1.28



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)



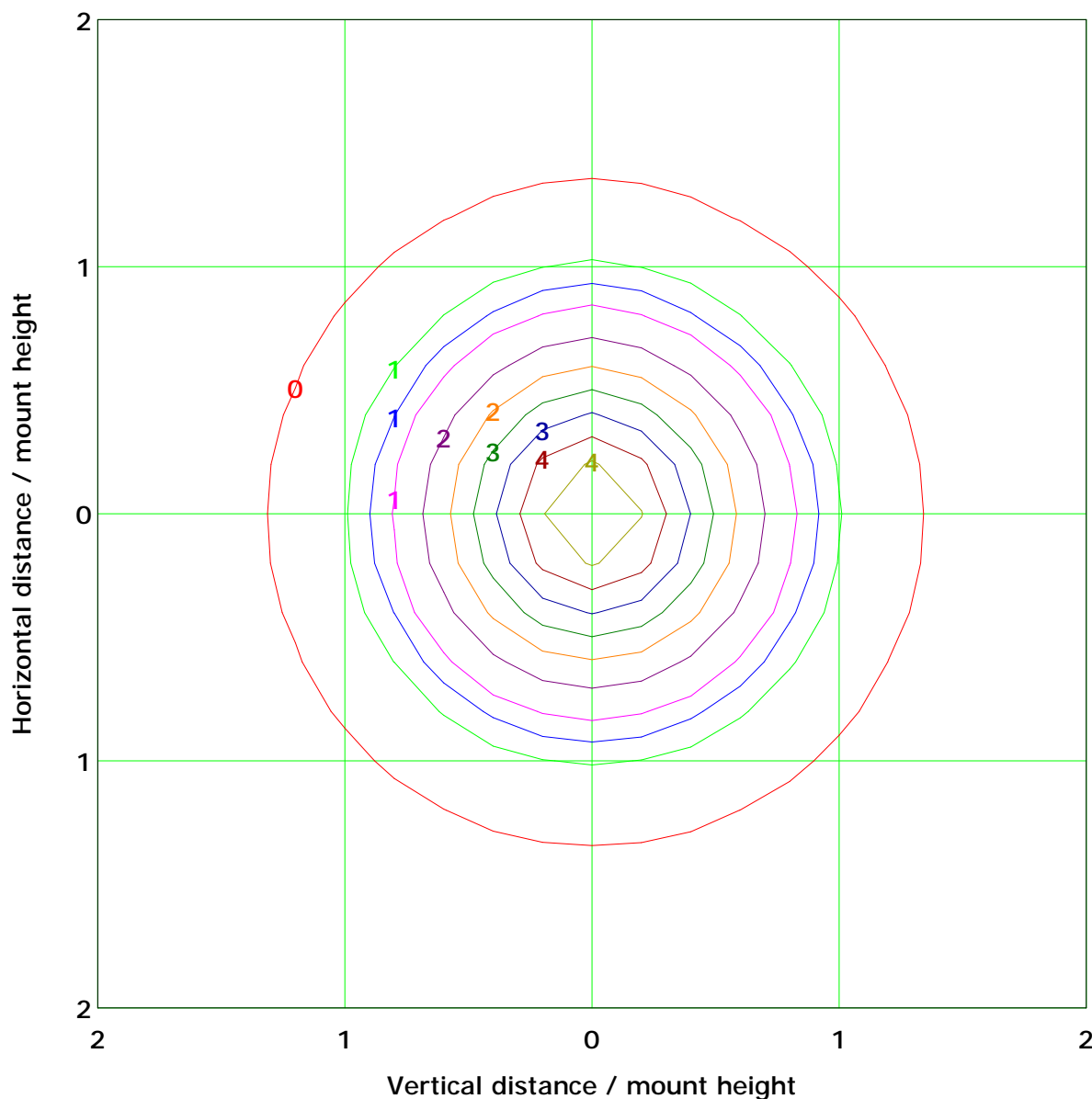
Imax (100%): 120 cd

( 10%):	12 cd	( 20%):	24 cd
( 25%):	30 cd	( 30%):	36 cd
( 40%):	48 cd	( 50%):	60 cd
( 60%):	72 cd	( 70%):	84 cd
( 80%):	96 cd	( 90%):	108 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%): 4.8 lx

( 10%): 0.5 lx	( 20%): 1.0 lx
( 25%): 1.2 lx	( 30%): 1.4 lx
( 40%): 1.9 lx	( 50%): 2.4 lx
( 60%): 2.9 lx	( 70%): 3.4 lx
( 80%): 3.8 lx	( 90%): 4.3 lx

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

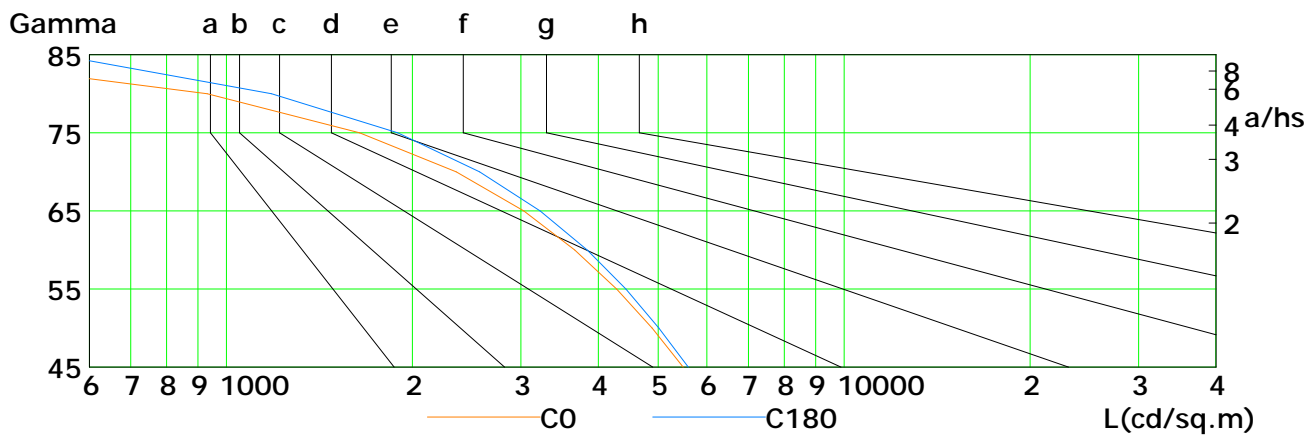
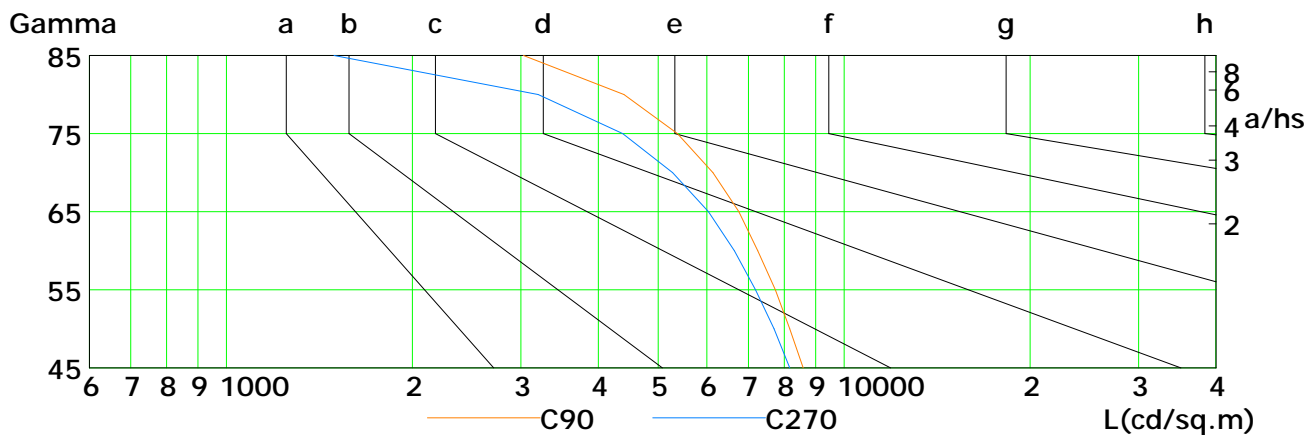
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:



## 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

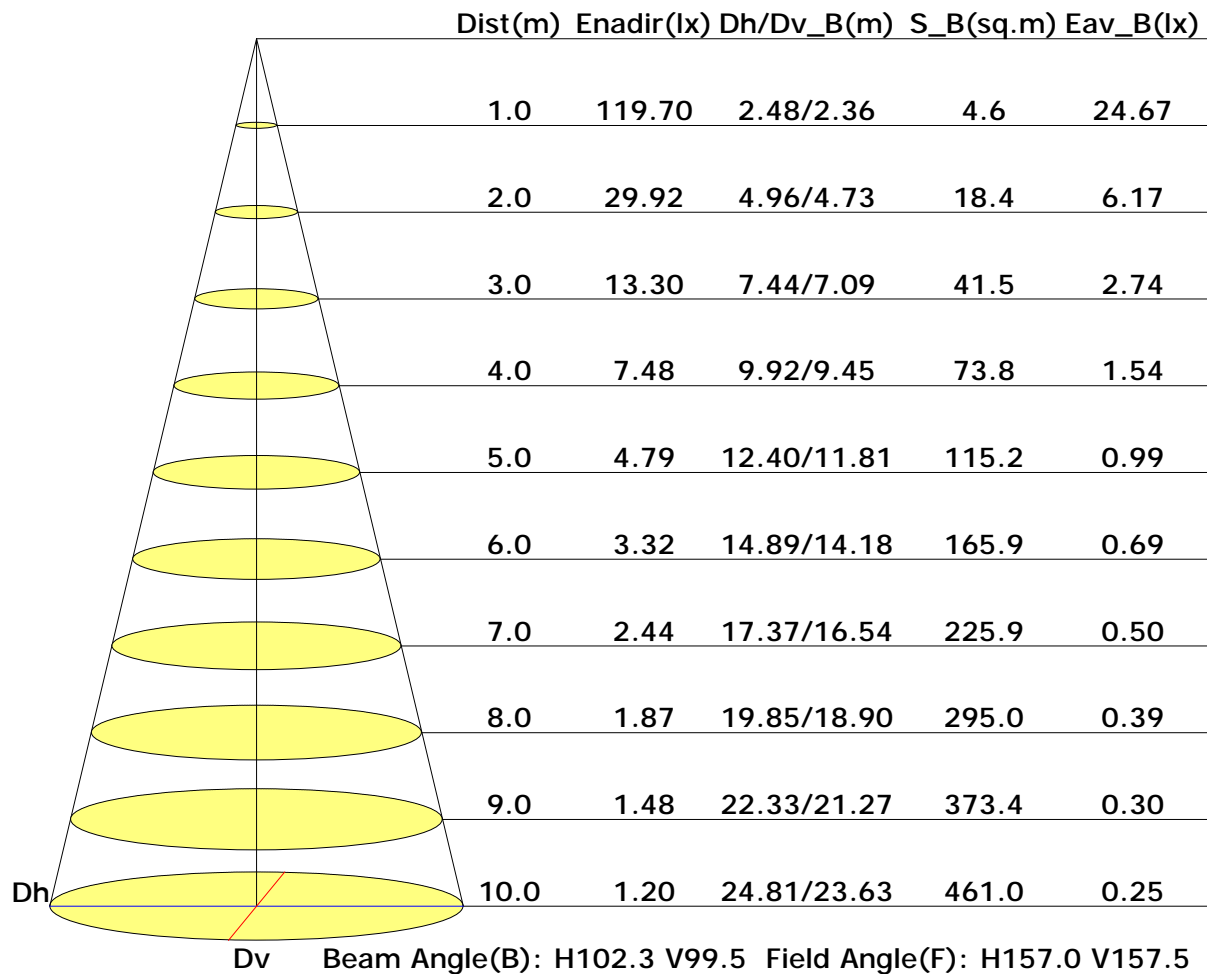


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5492	4888	4283	3664	3029	2357	1643	932	303
C90	8591	8168	7740	7246	6757	6138	5372	4402	3028
C180	5599	5014	4432	3838	3221	2570	1895	1184	532
C270	8168	7707	7194	6643	6034	5279	4384	3199	1494

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



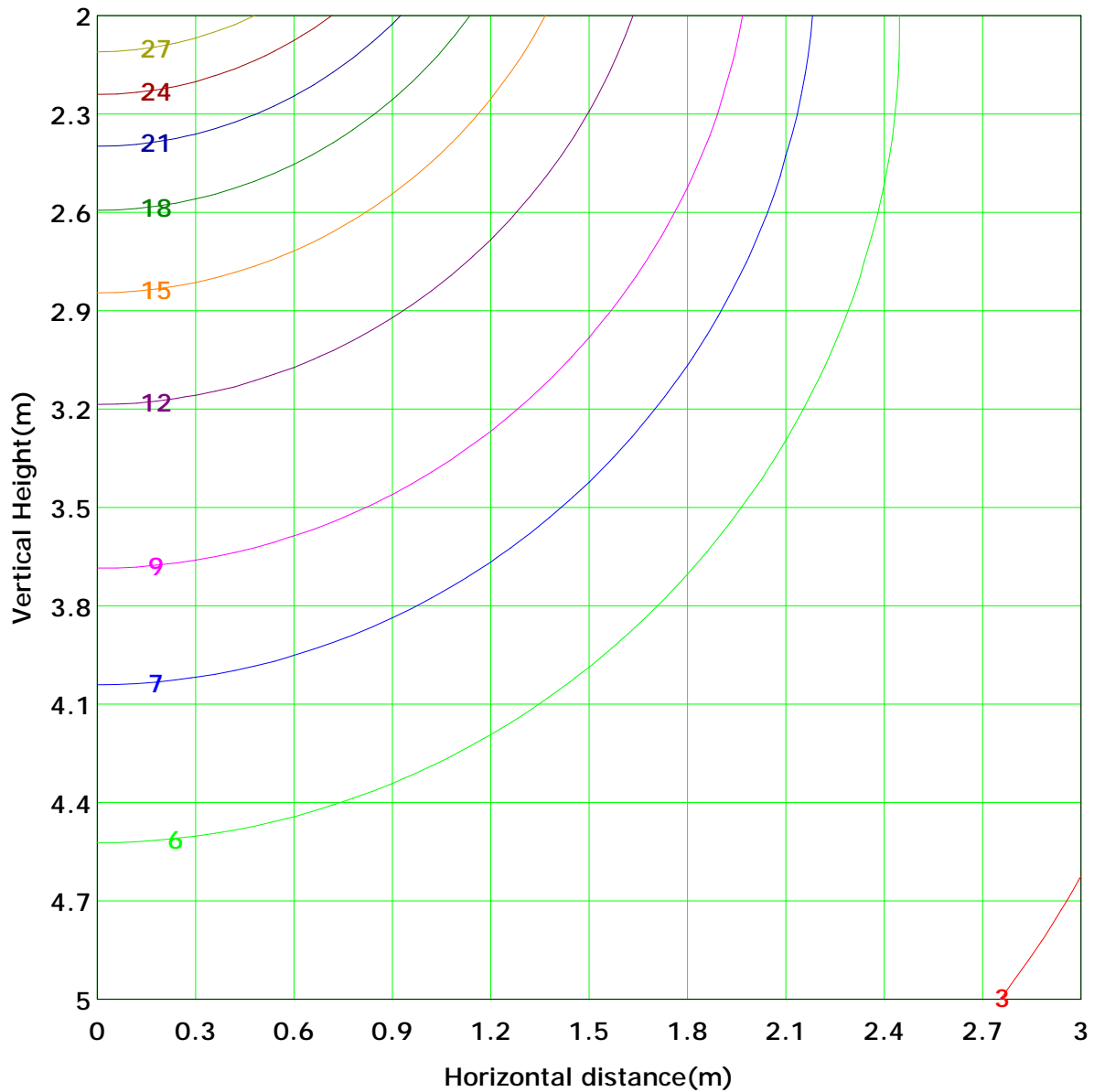
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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





## Vertical IsoLux Plot



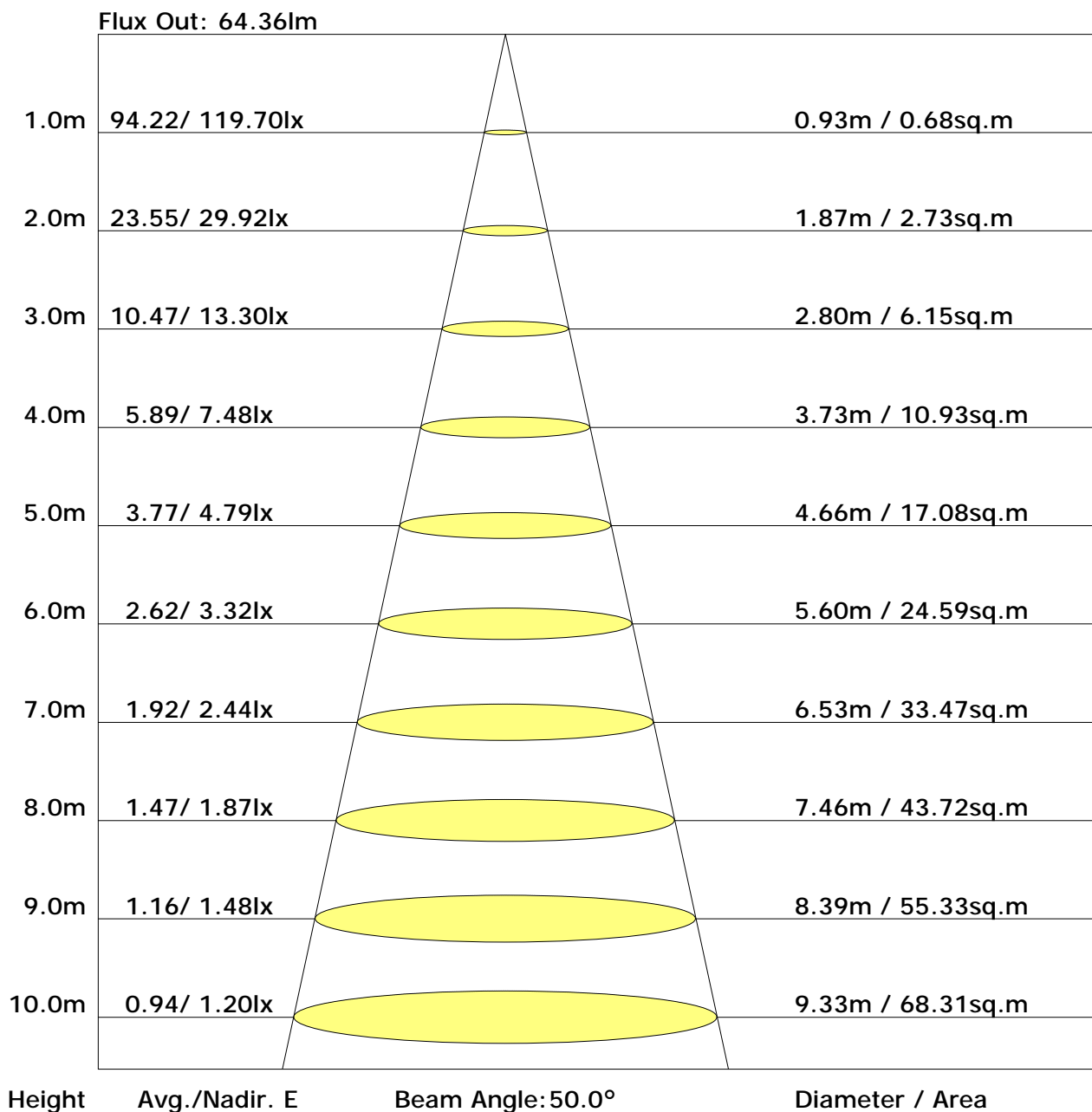
Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 29.9 lx
( 10%): 3.0 lx	( 20%): 6.0 lx	
( 25%): 7.5 lx	( 30%): 9.0 lx	
( 40%): 12.0 lx	( 50%): 15.0 lx	
( 60%): 18.0 lx	( 70%): 20.9 lx	
( 80%): 23.9 lx	( 90%): 26.9 lx	

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	22.3	23.9	22.7	24.2	24.6	21.0	22.6	21.4	23.0	23.3
3H	23.9	25.3	24.3	25.6	26.0	22.4	23.8	22.8	24.2	24.6
4H	24.4	25.7	24.8	26.1	26.5	22.9	24.2	23.3	24.6	25.0
6H	24.7	25.9	25.1	26.3	26.7	23.1	24.4	23.6	24.8	25.2
8H	24.7	25.9	25.2	26.3	26.7	23.2	24.4	23.6	24.8	25.2
12H	24.7	25.9	25.2	26.3	26.7	23.2	24.4	23.7	24.8	25.2
X=4H Y=2H	22.7	24.0	23.1	24.4	24.8	21.6	23.0	22.0	23.3	23.7
3H	24.4	25.5	24.8	25.9	26.4	23.2	24.3	23.6	24.7	25.1
4H	25.0	26.0	25.4	26.4	26.9	23.7	24.7	24.2	25.2	25.6
6H	25.4	26.3	25.8	26.7	27.2	24.1	25.0	24.6	25.4	25.9
8H	25.5	26.3	25.9	26.7	27.2	24.2	25.0	24.6	25.5	25.9
12H	25.5	26.2	26.0	26.7	27.2	24.2	25.0	24.7	25.4	25.9
X=8H Y=4H	25.1	25.9	25.6	26.4	26.9	23.9	24.8	24.4	25.2	25.7
6H	25.5	26.2	26.1	26.7	27.2	24.4	25.1	24.9	25.6	26.1
8H	25.6	26.3	26.2	26.8	27.3	24.5	25.1	25.0	25.6	26.1
12H	25.7	26.2	26.2	26.7	27.3	24.6	25.1	25.1	25.6	26.2
X=12H Y=4H	25.1	25.8	25.6	26.3	26.8	24.0	24.7	24.5	25.2	25.7
6H	25.5	26.2	26.1	26.6	27.2	24.4	25.0	24.9	25.5	26.1
8H	25.7	26.2	26.2	26.7	27.3	24.6	25.1	25.1	25.6	26.2

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	0.59	0.69	0.76	0.81	0.88	0.93	0.97	1.01	1.04
	0.30		0.51	0.61	0.69	0.74	0.82	0.88	0.92	0.97	1.00
	0.20		0.45	0.56	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.67	0.73	0.78	0.85	0.89	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.89	0.93	0.97
	0.20		0.45	0.55	0.62	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.55	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93
	0.20		0.45	0.54	0.61	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.52	0.59	0.64	0.70	0.75	0.79	0.83	0.86
Rating:9W 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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.81	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.59	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.40	0.31	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19	
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.54	0.43	0.35	0.30	0.23	0.19	
	0.30		0.77	0.64	0.55	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.17	
0.00	0.00	0.00	0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.16	0.13	
Rating: 9W 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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Rating:9W 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	118.9	0.1	0.1	0.04	0.04
1.0-2.0	118.8	0.3	0.5	0.11	0.15
2.0-3.0	118.7	0.6	1.0	0.19	0.34
3.0-4.0	118.5	0.8	1.8	0.26	0.60
4.0-5.0	118.2	1.0	2.8	0.34	0.94
5.0-6.0	117.9	1.2	4.1	0.41	1.35
6.0-7.0	117.5	1.5	5.5	0.48	1.84
7.0-8.0	117.0	1.7	7.2	0.56	2.39
8.0-9.0	116.5	1.9	9.1	0.63	3.02
9.0-10.0	115.9	2.1	11.2	0.70	3.72
10.0-11.0	115.3	2.3	13.5	0.77	4.48
11.0-12.0	114.6	2.5	16.0	0.83	5.31
12.0-13.0	113.9	2.7	18.7	0.90	6.21
13.0-14.0	113.1	2.9	21.6	0.96	7.17
14.0-15.0	112.2	3.1	24.7	1.02	8.20
15.0-16.0	111.3	3.3	27.9	1.08	9.28
16.0-17.0	110.3	3.4	31.4	1.14	10.42
17.0-18.0	109.3	3.6	35.0	1.20	11.62
18.0-19.0	108.2	3.8	38.7	1.25	12.87
19.0-20.0	107.1	3.9	42.7	1.30	14.17
20.0-21.0	106.0	4.1	46.7	1.35	15.52
21.0-22.0	104.8	4.2	51.0	1.40	16.92
22.0-23.0	103.6	4.3	55.3	1.44	18.36
23.0-24.0	102.3	4.5	59.8	1.49	19.85
24.0-25.0	101.0	4.6	64.4	1.52	21.37
25.0-26.0	99.6	4.7	69.1	1.56	22.93
26.0-27.0	98.2	4.8	73.9	1.60	24.53
27.0-28.0	96.8	4.9	78.8	1.63	26.16
28.0-29.0	95.4	5.0	83.8	1.66	27.82
29.0-30.0	94.0	5.1	88.8	1.68	29.50
30.0-31.0	92.5	5.1	94.0	1.71	31.21
31.0-32.0	90.9	5.2	99.2	1.73	32.94
32.0-33.0	89.4	5.3	104.5	1.75	34.69
33.0-34.0	87.8	5.3	109.8	1.77	36.46
34.0-35.0	86.2	5.4	115.1	1.78	38.23
35.0-36.0	84.7	5.4	120.5	1.79	40.02

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	83.1	5.4	125.9	1.80	41.82
37.0-38.0	81.4	5.4	131.4	1.80	43.63
38.0-39.0	79.8	5.4	136.8	1.81	45.44
39.0-40.0	78.1	5.4	142.3	1.81	47.25
40.0-41.0	76.4	5.4	147.7	1.81	49.05
41.0-42.0	74.8	5.4	153.2	1.80	50.86
42.0-43.0	73.1	5.4	158.6	1.80	52.66
43.0-44.0	71.4	5.4	164.0	1.79	54.45
44.0-45.0	69.7	5.4	169.3	1.78	56.22
45.0-46.0	68.0	5.3	174.6	1.77	57.99
46.0-47.0	66.3	5.3	179.9	1.75	59.74
47.0-48.0	64.5	5.2	185.1	1.73	61.47
48.0-49.0	62.8	5.2	190.3	1.71	63.18
49.0-50.0	61.1	5.1	195.4	1.69	64.88
50.0-51.0	59.3	5.0	200.4	1.67	66.54
51.0-52.0	57.6	4.9	205.3	1.64	68.18
52.0-53.0	55.8	4.9	210.2	1.61	69.80
53.0-54.0	54.1	4.8	215.0	1.58	71.38
54.0-55.0	52.4	4.7	219.6	1.55	72.93
55.0-56.0	50.6	4.6	224.2	1.52	74.45
56.0-57.0	48.9	4.5	228.7	1.48	75.94
57.0-58.0	47.1	4.4	233.0	1.45	77.39
58.0-59.0	45.4	4.2	237.3	1.41	78.80
59.0-60.0	43.7	4.1	241.4	1.37	80.17
60.0-61.0	41.9	4.0	245.4	1.33	81.49
61.0-62.0	40.2	3.9	249.3	1.29	82.78
62.0-63.0	38.5	3.7	253.0	1.24	84.02
63.0-64.0	36.7	3.6	256.6	1.20	85.22
64.0-65.0	35.0	3.5	260.1	1.15	86.37
65.0-66.0	33.3	3.3	263.4	1.10	87.47
66.0-67.0	31.5	3.2	266.6	1.05	88.53
67.0-68.0	29.8	3.0	269.6	1.00	89.53
68.0-69.0	28.2	2.9	272.5	0.95	90.48
69.0-70.0	26.5	2.7	275.2	0.90	91.39
70.0-71.0	24.8	2.6	277.8	0.85	92.24
71.0-72.0	23.1	2.4	280.2	0.80	93.04

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	21.5	2.2	282.4	0.75	93.78
73.0-74.0	19.9	2.1	284.5	0.69	94.48
74.0-75.0	18.3	1.9	286.4	0.64	95.12
75.0-76.0	16.7	1.8	288.2	0.59	95.71
76.0-77.0	15.1	1.6	289.8	0.54	96.24
77.0-78.0	13.6	1.5	291.3	0.48	96.73
78.0-79.0	12.1	1.3	292.6	0.43	97.16
79.0-80.0	10.7	1.2	293.7	0.38	97.54
80.0-81.0	9.3	1.0	294.8	0.34	97.88
81.0-82.0	8.0	0.9	295.6	0.29	98.17
82.0-83.0	6.7	0.7	296.3	0.24	98.41
83.0-84.0	5.5	0.6	296.9	0.20	98.61
84.0-85.0	4.4	0.5	297.4	0.16	98.77
85.0-86.0	3.3	0.4	297.8	0.12	98.89
86.0-87.0	2.3	0.2	298.0	0.08	98.97
87.0-88.0	1.4	0.1	298.2	0.05	99.02
88.0-89.0	0.7	0.1	298.3	0.02	99.04
89.0-90.0	0.3	0.0	298.3	0.01	99.05
90.0-91.0	0.1	0.0	298.3	0.00	99.06
91.0-92.0	0.1	0.0	298.3	0.00	99.06
92.0-93.0	0.1	0.0	298.3	0.00	99.07
93.0-94.0	0.1	0.0	298.3	0.01	99.07
94.0-95.0	0.2	0.0	298.4	0.01	99.08
95.0-96.0	0.1	0.0	298.4	0.01	99.08
96.0-97.0	0.1	0.0	298.4	0.01	99.09
97.0-98.0	0.2	0.0	298.4	0.01	99.09
98.0-99.0	0.2	0.0	298.4	0.01	99.10
99.0-100.0	0.2	0.0	298.4	0.01	99.10
100.0-101.0	0.2	0.0	298.5	0.01	99.11
101.0-102.0	0.2	0.0	298.5	0.01	99.12
102.0-103.0	0.2	0.0	298.5	0.01	99.13
103.0-104.0	0.2	0.0	298.5	0.01	99.13
104.0-105.0	0.2	0.0	298.6	0.01	99.14
105.0-106.0	0.2	0.0	298.6	0.01	99.15
106.0-107.0	0.3	0.0	298.6	0.01	99.16
107.0-108.0	0.3	0.0	298.6	0.01	99.17

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	0.3	0.0	298.7	0.01	99.18
109.0-110.0	0.3	0.0	298.7	0.01	99.19
110.0-111.0	0.3	0.0	298.7	0.01	99.20
111.0-112.0	0.3	0.0	298.8	0.01	99.21
112.0-113.0	0.3	0.0	298.8	0.01	99.22
113.0-114.0	0.4	0.0	298.8	0.01	99.23
114.0-115.0	0.4	0.0	298.9	0.01	99.25
115.0-116.0	0.4	0.0	298.9	0.01	99.26
116.0-117.0	0.4	0.0	298.9	0.01	99.27
117.0-118.0	0.4	0.0	299.0	0.01	99.28
118.0-119.0	0.4	0.0	299.0	0.01	99.30
119.0-120.0	0.4	0.0	299.1	0.01	99.31
120.0-121.0	0.4	0.0	299.1	0.01	99.32
121.0-122.0	0.4	0.0	299.1	0.01	99.34
122.0-123.0	0.5	0.0	299.2	0.01	99.35
123.0-124.0	0.5	0.0	299.2	0.01	99.36
124.0-125.0	0.5	0.0	299.3	0.01	99.38
125.0-126.0	0.5	0.0	299.3	0.01	99.39
126.0-127.0	0.5	0.0	299.4	0.01	99.41
127.0-128.0	0.5	0.0	299.4	0.01	99.42
128.0-129.0	0.5	0.0	299.4	0.02	99.44
129.0-130.0	0.5	0.0	299.5	0.02	99.45
130.0-131.0	0.5	0.0	299.5	0.02	99.47
131.0-132.0	0.6	0.0	299.6	0.02	99.49
132.0-133.0	0.6	0.0	299.6	0.02	99.50
133.0-134.0	0.6	0.0	299.7	0.02	99.52
134.0-135.0	0.6	0.0	299.7	0.02	99.53
135.0-136.0	0.6	0.0	299.8	0.02	99.55
136.0-137.0	0.6	0.0	299.8	0.02	99.56
137.0-138.0	0.7	0.0	299.9	0.02	99.58
138.0-139.0	0.6	0.0	299.9	0.02	99.59
139.0-140.0	0.6	0.0	300.0	0.02	99.61
140.0-141.0	0.7	0.0	300.0	0.02	99.63
141.0-142.0	0.7	0.0	300.1	0.02	99.64
142.0-143.0	0.7	0.0	300.1	0.02	99.66
143.0-144.0	0.7	0.0	300.1	0.02	99.67

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	0.7	0.0	300.2	0.02	99.69
145.0-146.0	0.7	0.0	300.2	0.02	99.70
146.0-147.0	0.7	0.0	300.3	0.01	99.72
147.0-148.0	0.7	0.0	300.3	0.01	99.73
148.0-149.0	0.8	0.0	300.4	0.01	99.75
149.0-150.0	0.8	0.0	300.4	0.01	99.76
150.0-151.0	0.8	0.0	300.5	0.01	99.77
151.0-152.0	0.8	0.0	300.5	0.01	99.79
152.0-153.0	0.8	0.0	300.5	0.01	99.80
153.0-154.0	0.8	0.0	300.6	0.01	99.82
154.0-155.0	0.8	0.0	300.6	0.01	99.83
155.0-156.0	0.8	0.0	300.7	0.01	99.84
156.0-157.0	0.8	0.0	300.7	0.01	99.85
157.0-158.0	0.8	0.0	300.7	0.01	99.86
158.0-159.0	0.8	0.0	300.8	0.01	99.88
159.0-160.0	0.9	0.0	300.8	0.01	99.89
160.0-161.0	0.9	0.0	300.8	0.01	99.90
161.0-162.0	0.9	0.0	300.9	0.01	99.91
162.0-163.0	0.9	0.0	300.9	0.01	99.92
163.0-164.0	0.9	0.0	300.9	0.01	99.93
164.0-165.0	0.9	0.0	300.9	0.01	99.93
165.0-166.0	0.9	0.0	301.0	0.01	99.94
166.0-167.0	0.9	0.0	301.0	0.01	99.95
167.0-168.0	0.9	0.0	301.0	0.01	99.96
168.0-169.0	0.9	0.0	301.0	0.01	99.96
169.0-170.0	0.9	0.0	301.0	0.01	99.97
170.0-171.0	0.9	0.0	301.1	0.01	99.98
171.0-172.0	0.9	0.0	301.1	0.01	99.98
172.0-173.0	0.9	0.0	301.1	0.00	99.99
173.0-174.0	0.9	0.0	301.1	0.00	99.99
174.0-175.0	0.9	0.0	301.1	0.00	99.99
175.0-176.0	0.9	0.0	301.1	0.00	100.00
176.0-177.0	1.0	0.0	301.1	0.00	100.00
177.0-178.0	1.0	0.0	301.1	0.00	100.00
178.0-179.0	1.0	0.0	301.1	0.00	100.00
179.0-180.0	1.0	0.0	301.1	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: