

Report No.:

Test Time: 2022/4/24 11:07

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants C35 Flex VW WC 4.4W/F

Luminaire Description: Curved pendants C35 Flex VW WC 4.4W/F

Lamp Catalog: 1 ROW VW 6200K

Luminous Width (mm): 35

Voltage: 24.0 V

Power: 1.85 W

Luminous Length (mm): 300

Luminous Height (mm): 37.5

Current: 0.077 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 66.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H153.9,H95.1

Vertical Diffuse Angle(10%,50%): V154.1,V100

Luminaire Efficacy Rating (LER): 36.21

Max. Intensity: 28.07 cd

S/MH(C0/C180): 1.13

Total Rated Lamp Lumens: 66.9 lm

Efficiency: 100%

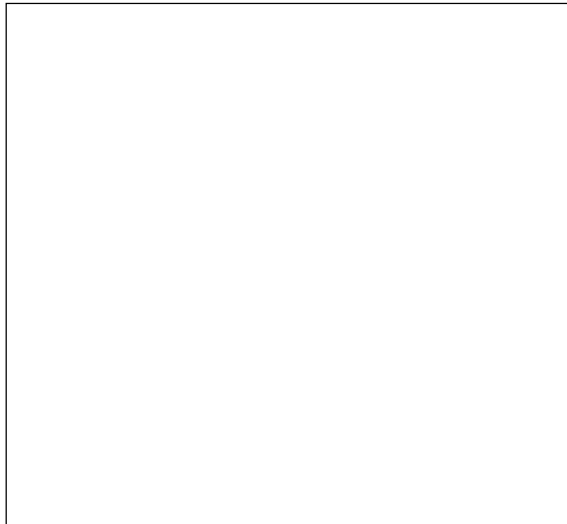
Upward Ratio: 0%

Central Intensity: 27.99 cd

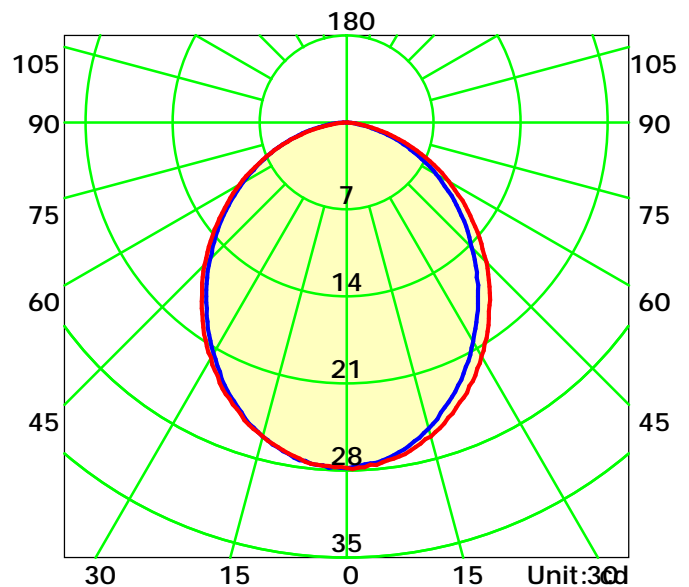
Pos of Max. Intensity: H90 V1

S/MH(C90/C270): 1.17

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 97.5°

— 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

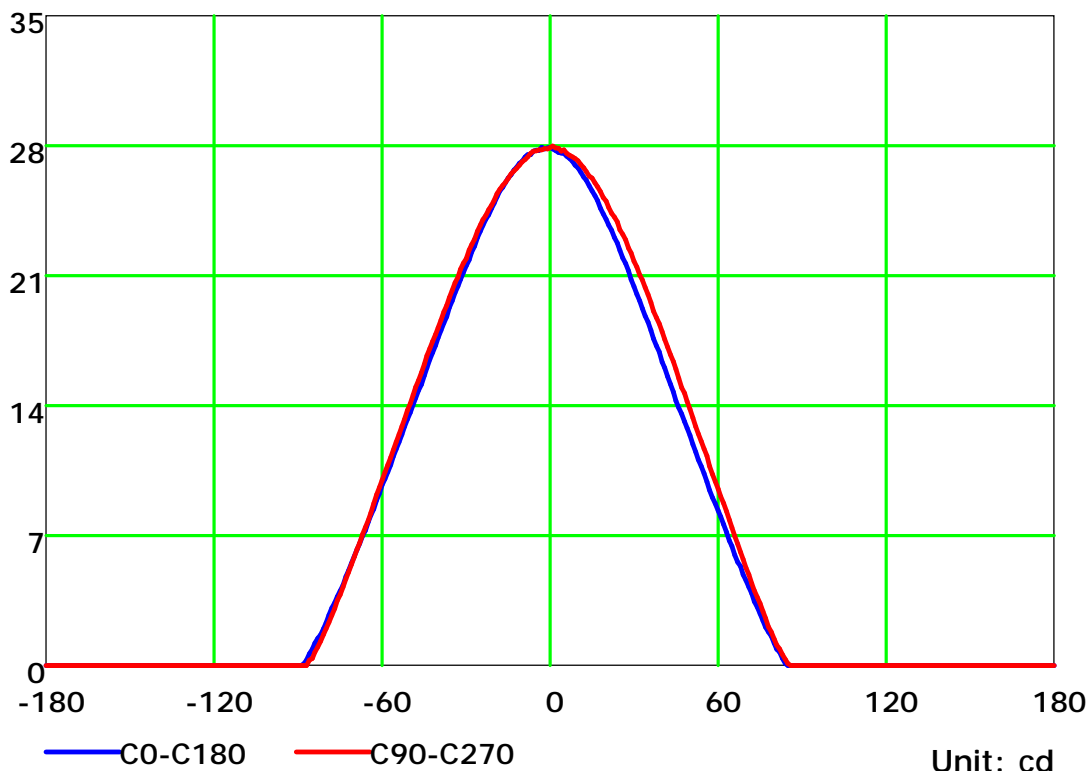
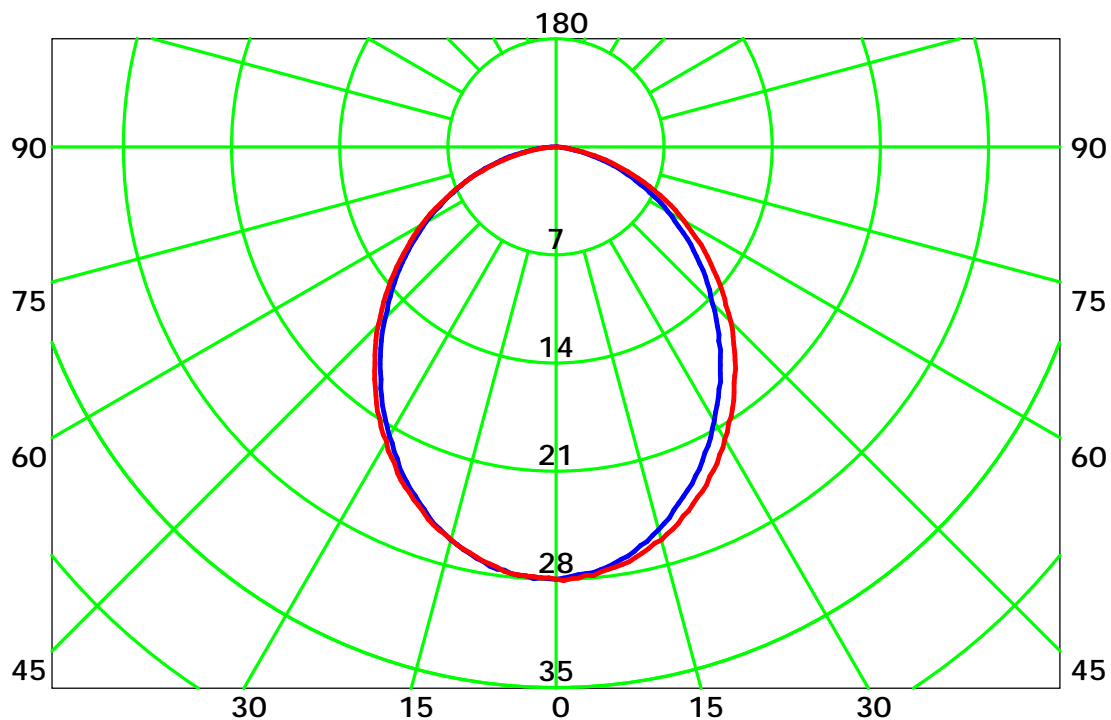
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

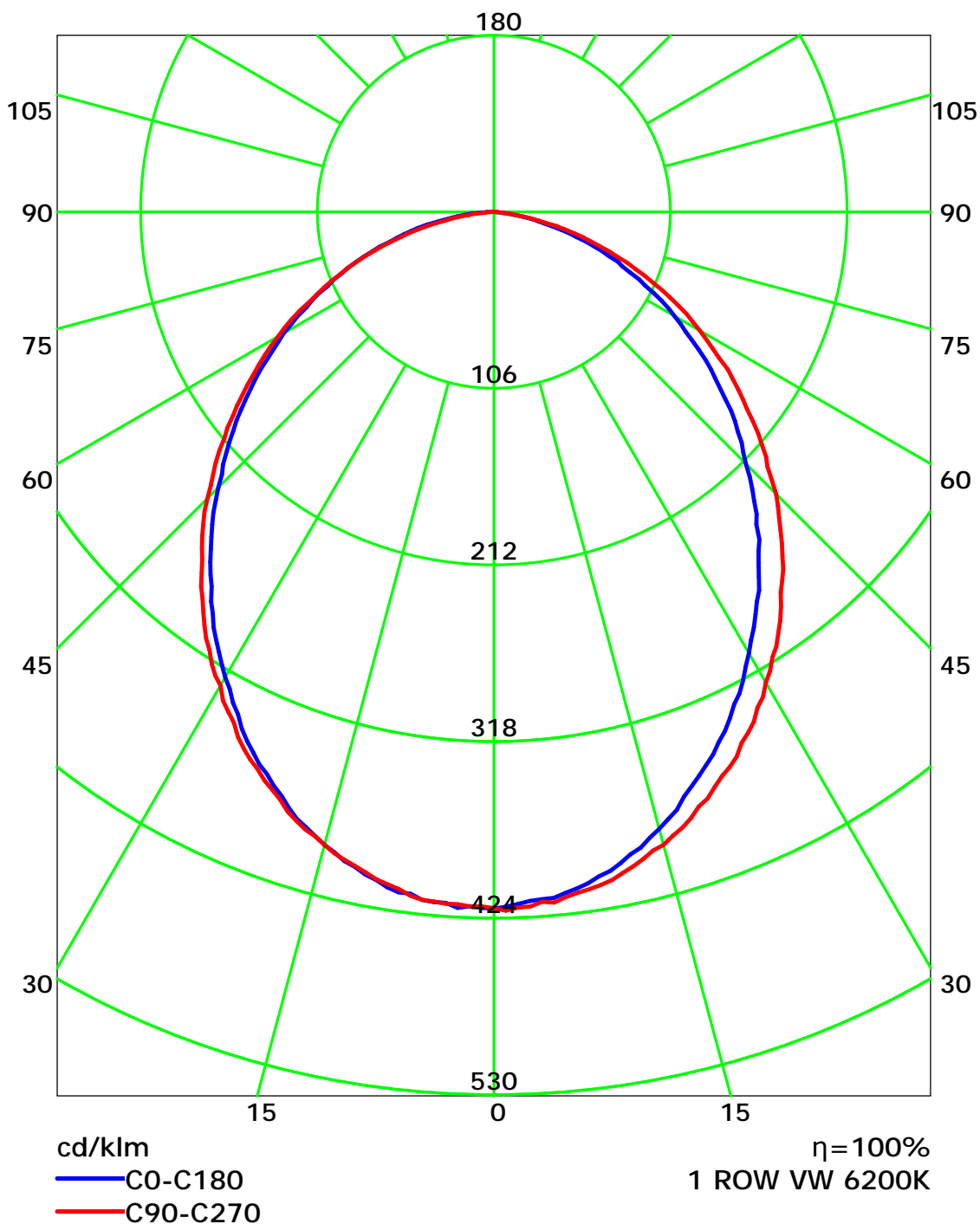
## Luminous Intensity Distribution Curve



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:

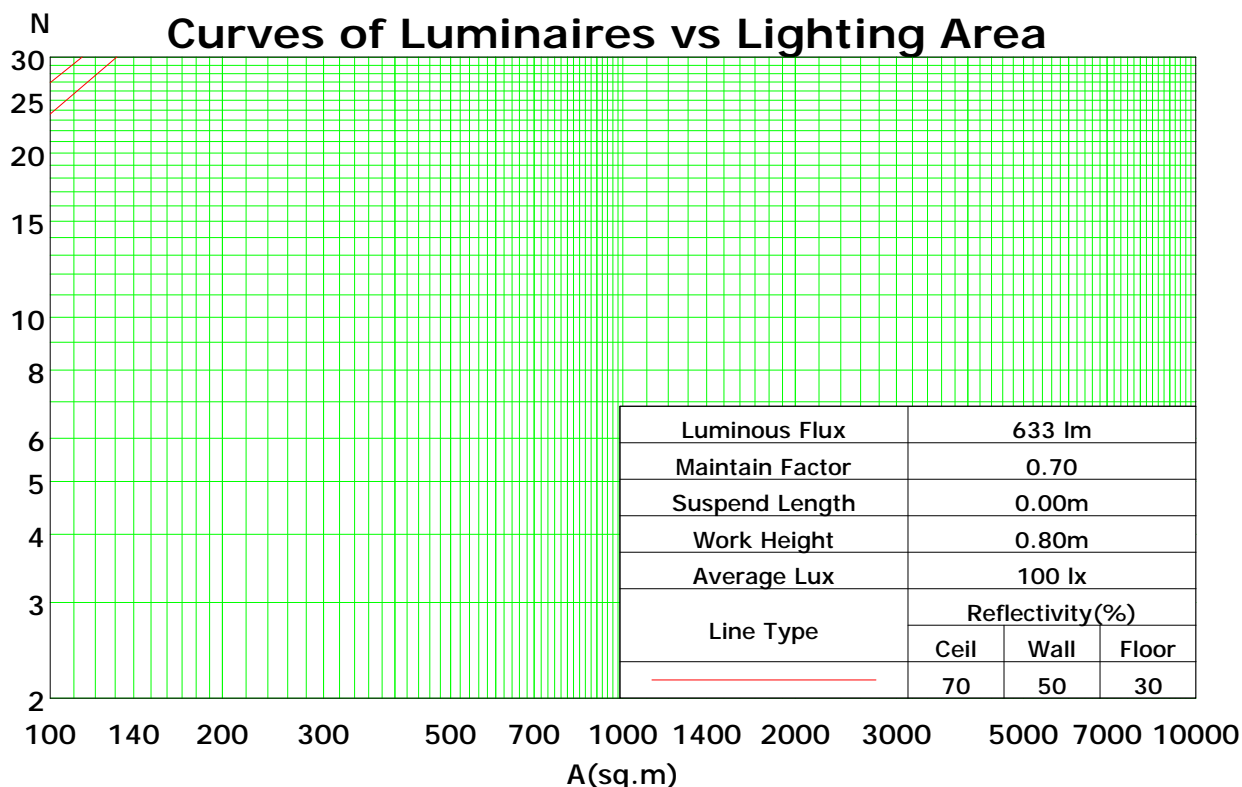
## Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	98	90	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	63	57	69	62	57	67	61	56	64	59	55	53
5	78	65	56	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	49	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

Spacing Criteria (0-180): 1.13

Spacing Criteria (90-270): 1.17

Spacing Criteria (Diagonal): 1.26



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

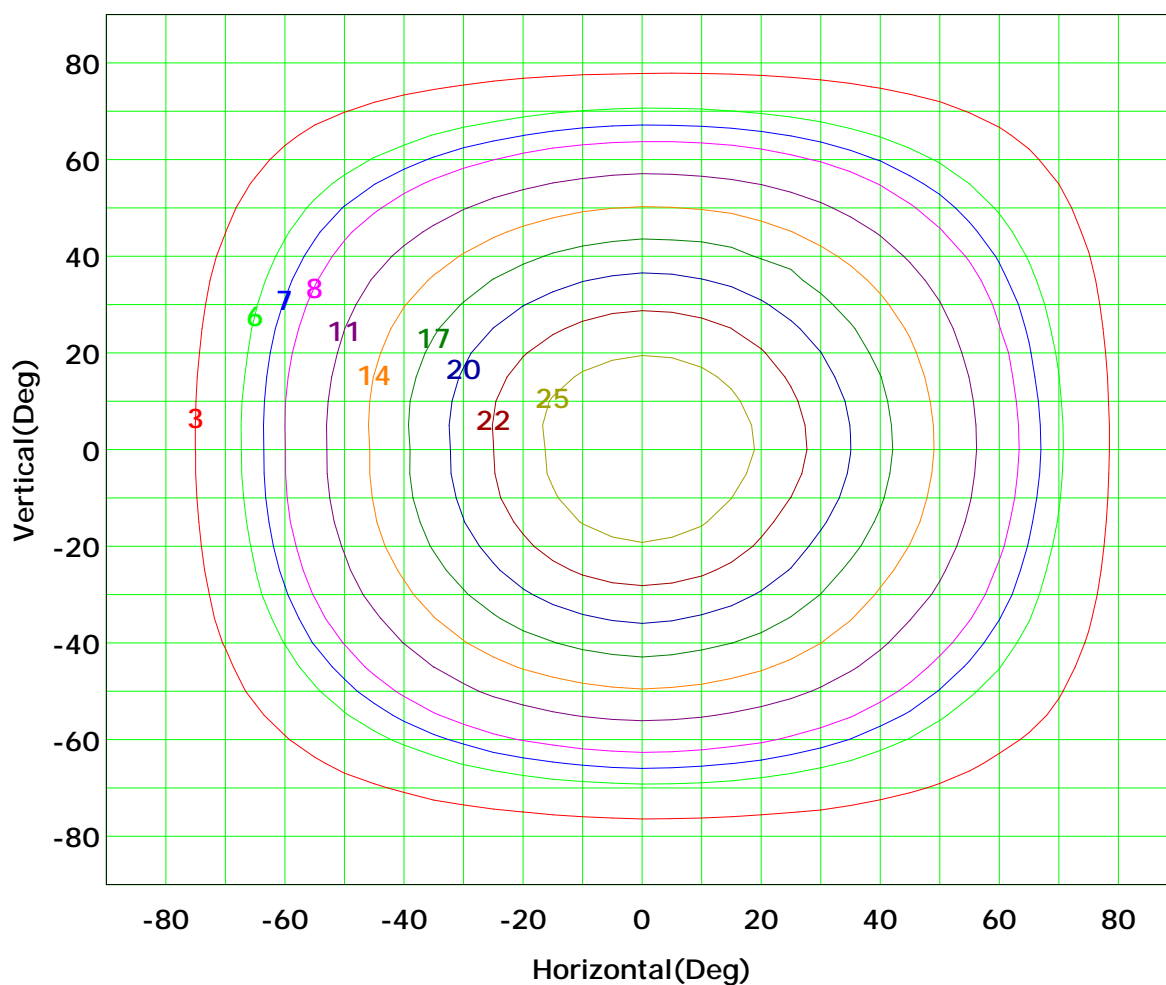
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



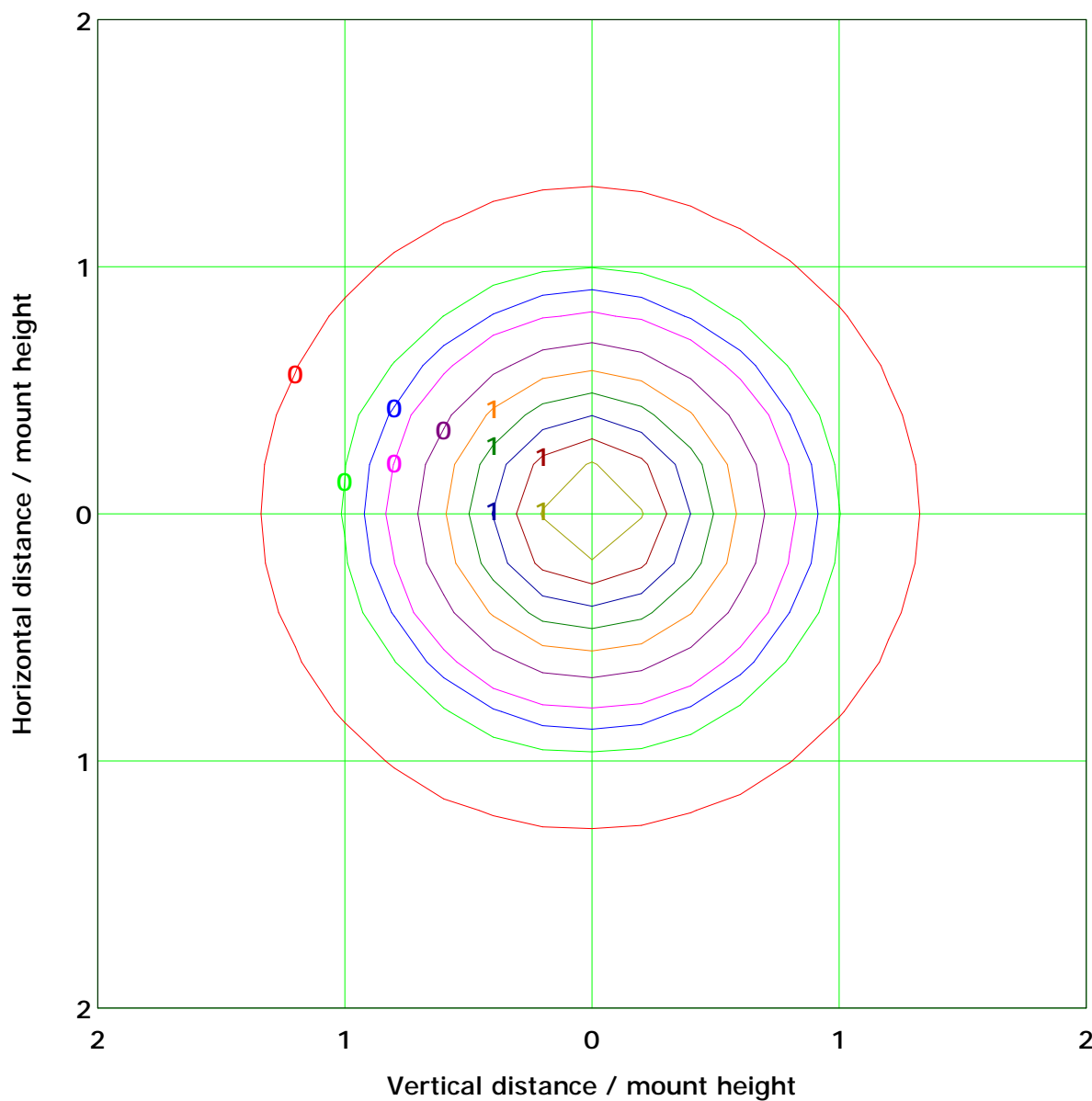
I<sub>max</sub> (100%): 28 cd

( 10%):	3 cd	( 20%):	6 cd
( 25%):	7 cd	( 30%):	8 cd
( 40%):	11 cd	( 50%):	14 cd
( 60%):	17 cd	( 70%):	20 cd
( 80%):	22 cd	( 90%):	25 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%): 1.1 lx

( 10%): 0.1 lx	( 20%): 0.2 lx
( 25%): 0.3 lx	( 30%): 0.3 lx
( 40%): 0.4 lx	( 50%): 0.6 lx
( 60%): 0.7 lx	( 70%): 0.8 lx
( 80%): 0.9 lx	( 90%): 1.0 lx

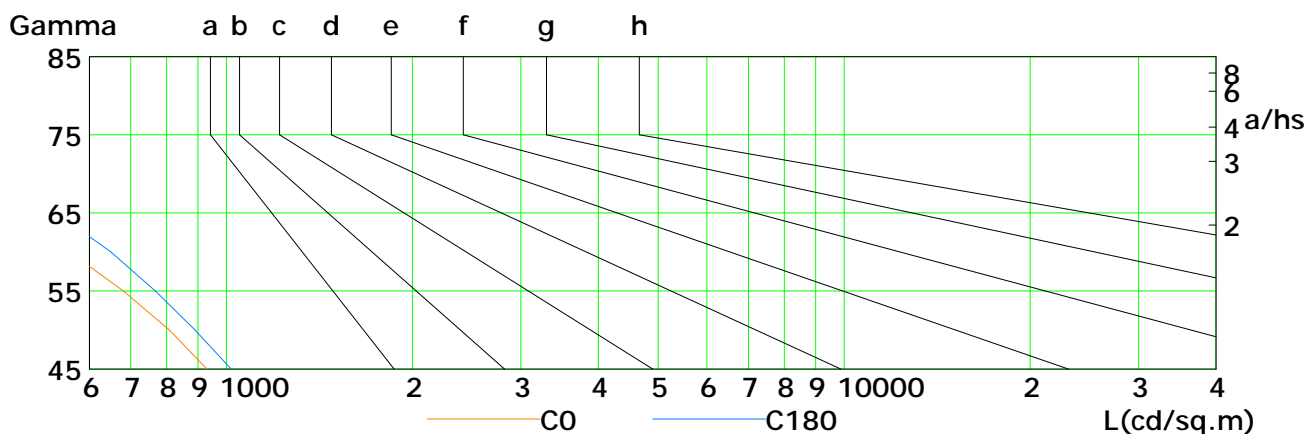
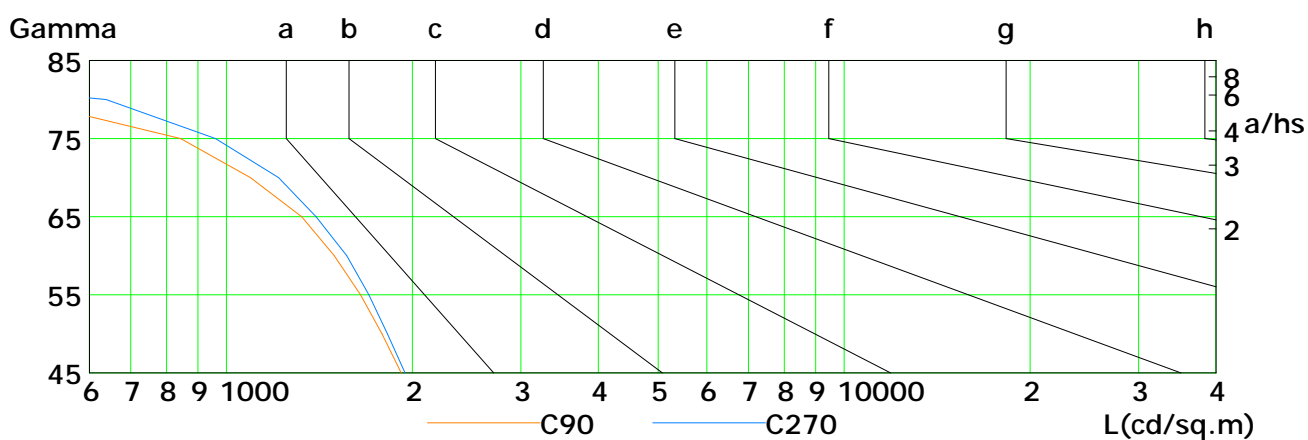
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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



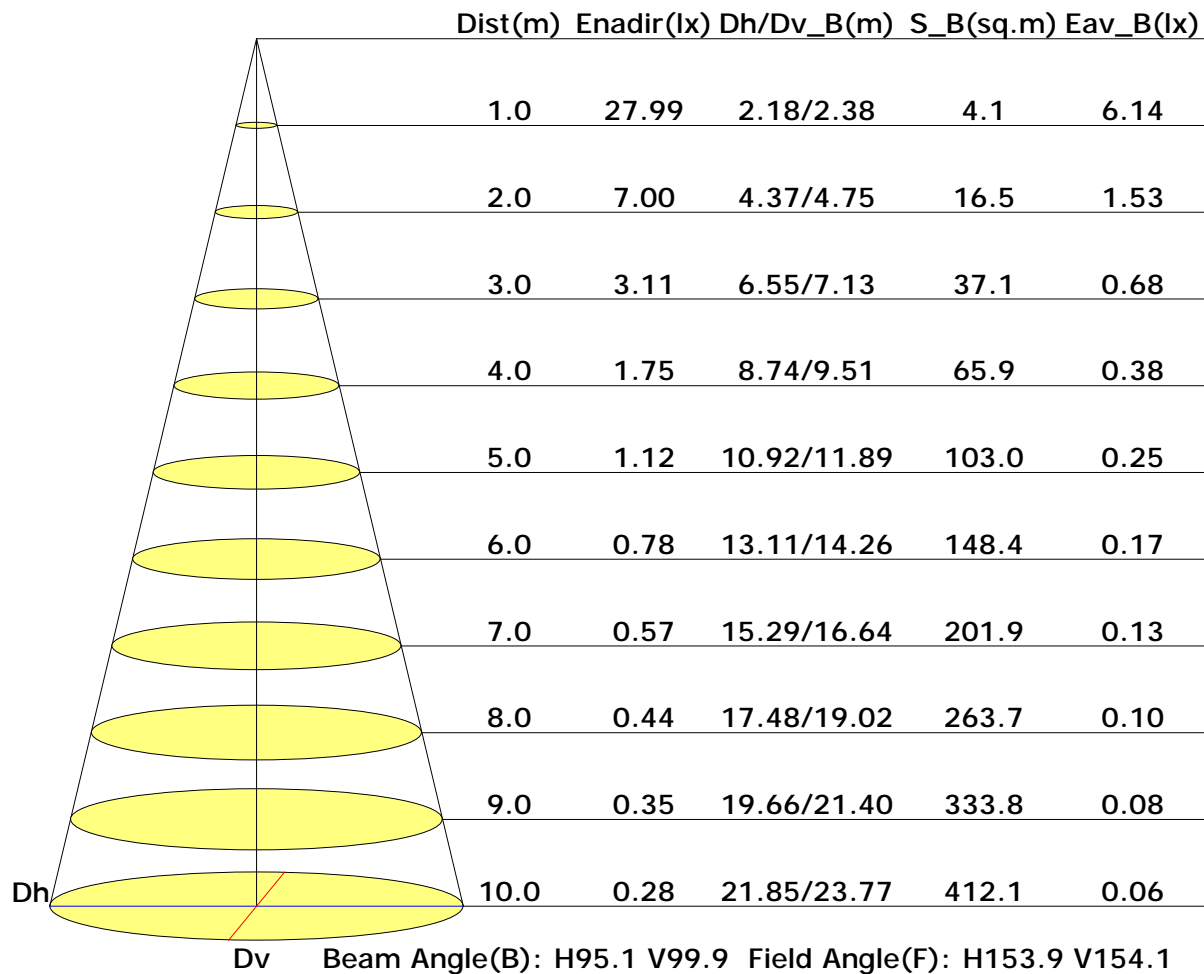
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	930	809	681	558	441	326	207	94	0
C90	1918	1787	1650	1495	1324	1094	843	465	54
C180	1018	890	768	650	531	417	297	178	73
C270	1948	1823	1702	1567	1397	1215	961	639	175

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:



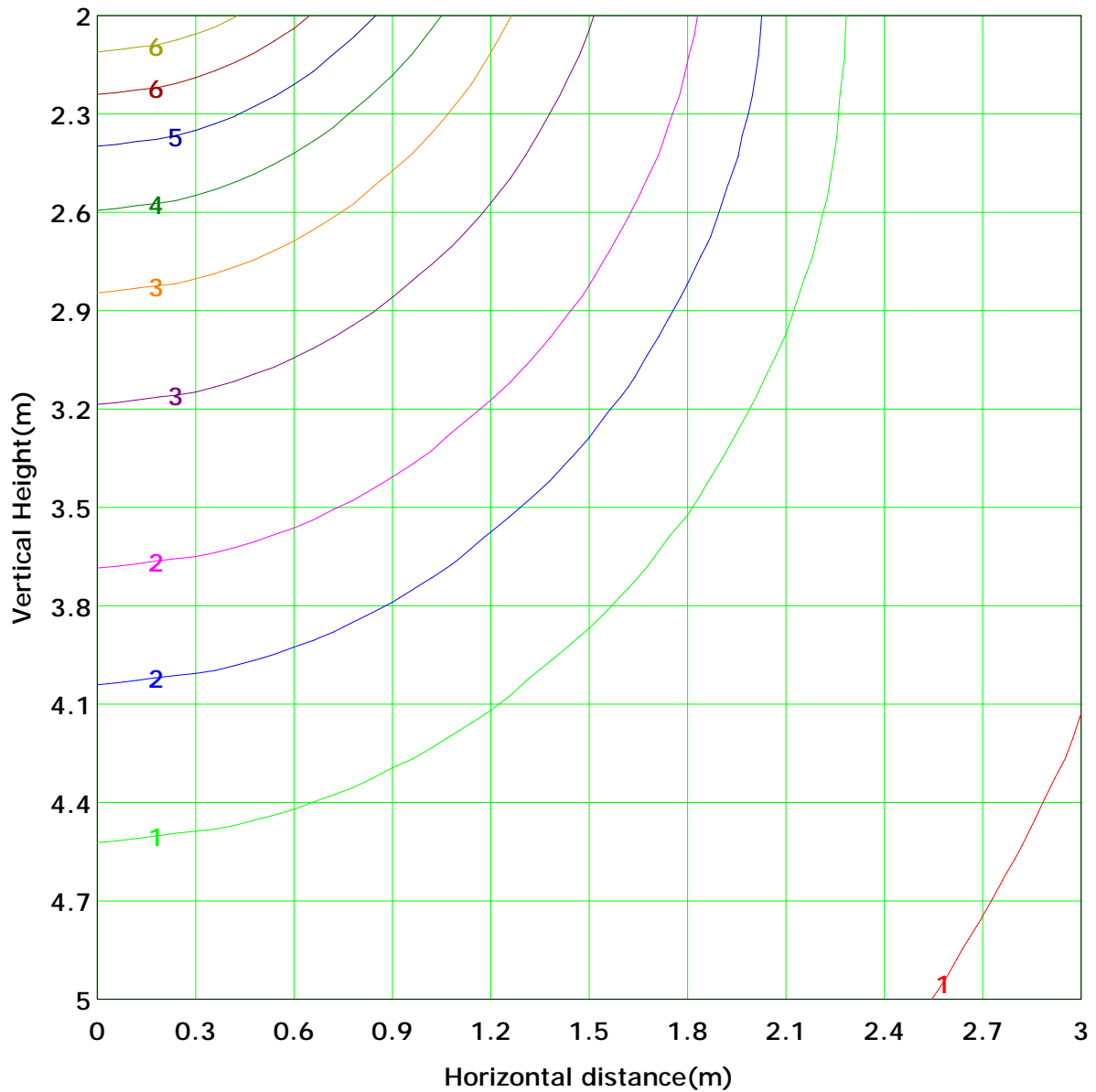
## Illuminance at a Distance



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: 7.0 lx	
( 10%): 0.7 lx	( 20%): 1.4 lx
( 25%): 1.7 lx	( 30%): 2.1 lx
( 40%): 2.8 lx	( 50%): 3.5 lx
( 60%): 4.2 lx	( 70%): 4.9 lx
( 80%): 5.6 lx	( 90%): 6.3 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: 9.390 m  
Humidity: 60%  
Inspector:

## Area Flux Table

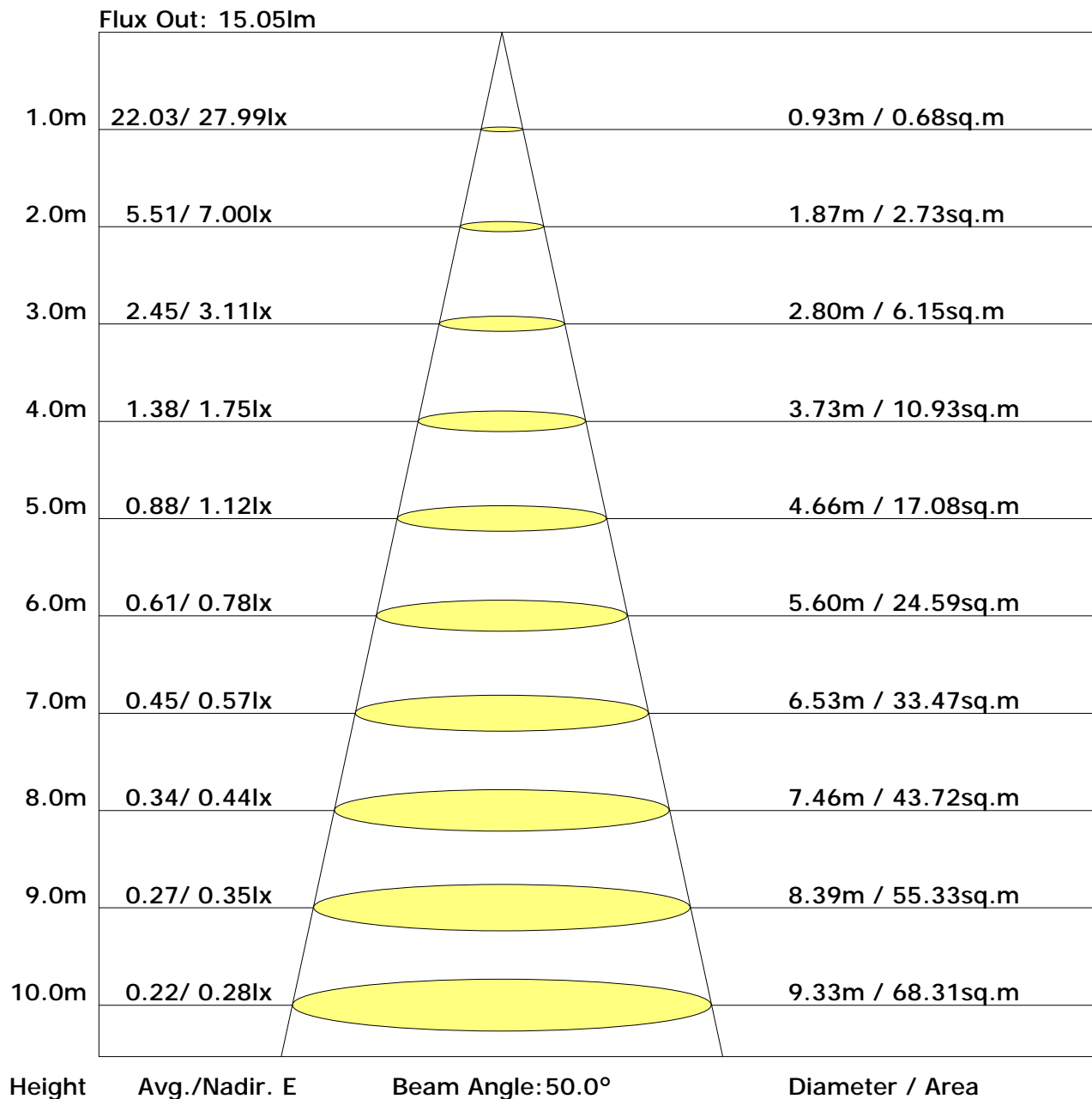
[illegible]

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	11.2	12.5	11.5	12.8	13.0	13.2	14.5	13.5	14.8	15.0
3H	12.0	13.2	12.3	13.5	13.7	14.4	15.6	14.7	15.9	16.1
4H	12.2	13.3	12.5	13.6	13.9	14.8	15.9	15.1	16.2	16.5
6H	12.2	13.3	12.6	13.6	13.9	15.0	16.0	15.3	16.4	16.7
8H	12.2	13.2	12.6	13.5	13.9	15.0	16.0	15.4	16.3	16.7
12H	12.2	13.1	12.5	13.5	13.8	15.0	16.0	15.4	16.3	16.6
X=4H Y=2H	11.8	12.9	12.1	13.2	13.5	13.4	14.6	13.8	14.9	15.2
3H	12.7	13.7	13.1	14.0	14.4	14.8	15.7	15.1	16.1	16.4
4H	13.0	13.9	13.4	14.2	14.6	15.2	16.1	15.6	16.5	16.8
6H	13.1	13.9	13.5	14.2	14.6	15.5	16.3	15.9	16.6	17.0
8H	13.1	13.8	13.5	14.2	14.6	15.5	16.2	16.0	16.6	17.1
12H	13.0	13.7	13.5	14.1	14.5	15.5	16.2	16.0	16.6	17.0
X=8H Y=4H	13.2	13.9	13.6	14.3	14.7	15.3	16.0	15.7	16.4	16.8
6H	13.3	13.9	13.8	14.3	14.8	15.6	16.1	16.0	16.6	17.0
8H	13.3	13.8	13.8	14.3	14.7	15.6	16.1	16.1	16.6	17.1
12H	13.3	13.7	13.8	14.2	14.7	15.6	16.1	16.1	16.5	17.0
X=12H Y=4H	13.1	13.8	13.6	14.2	14.6	15.2	15.9	15.7	16.3	16.7
6H	13.3	13.8	13.8	14.3	14.7	15.5	16.0	16.0	16.5	17.0
8H	13.3	13.7	13.8	14.2	14.7	15.6	16.0	16.1	16.5	17.0
Variations with the observer position at spacings:										
S=1.0H	+0.3/-0.4					+0.2/-0.2				
S=1.5H	+0.5/-1.1					+0.6/-0.8				
S=2.0H	+1.0/-2.0					+1.3/-1.7				

Calculate in accordance with CIE Pub.117. The table is revised with  $67\text{lm}$  ( $8\log(F/F_0) = -9.4$ ).

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 = 1.25								
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	0.60	0.70	0.77	0.82	0.89	0.94	0.98	1.02	1.05
	0.30		0.52	0.63	0.70	0.76	0.84	0.89	0.93	0.98	1.01
	0.20		0.47	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.99
0.50	0.50	0.20	0.58	0.68	0.75	0.80	0.86	0.91	0.94	0.98	1.00
	0.30		0.52	0.62	0.69	0.74	0.82	0.87	0.90	0.95	0.98
	0.20		0.47	0.57	0.64	0.70	0.77	0.83	0.87	0.92	0.95
0.30	0.50	0.20	0.57	0.66	0.73	0.77	0.84	0.88	0.91	0.94	0.97
	0.30		0.51	0.61	0.68	0.73	0.79	0.84	0.87	0.92	0.94
	0.20		0.46	0.56	0.63	0.69	0.76	0.81	0.85	0.89	0.92
0.00	0.00	0.00	0.44	0.54	0.61	0.66	0.73	0.77	0.81	0.85	0.88
<p>Rating:2W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

## 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	0.95	0.78	0.66	0.57	0.45	0.37	0.32	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	0.45	0.37	0.31	0.27	0.22	0.18	
0.50	0.50	0.20	0.91	0.74	0.63	0.54	0.43	0.39	0.30	0.23	0.19	
	0.30		0.77	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17	
0.30	0.50	0.20	0.89	0.72	0.60	0.52	0.41	0.34	0.29	0.22	0.18	
	0.30		0.76	0.63	0.54	0.47	0.38	0.32	0.27	0.21	0.17	
	0.20		0.66	0.56	0.49	0.43	0.35	0.30	0.25	0.20	0.16	
0.00	0.00	0.00	0.56	0.46	0.39	0.34	0.27	0.23	0.19	0.15	0.12	
<p>Rating:2W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## 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	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.19	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rating: 2W 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	28.0	0.0	0.0	0.04	0.04
1.0-2.0	27.9	0.1	0.1	0.12	0.16
2.0-3.0	27.9	0.1	0.2	0.20	0.36
3.0-4.0	27.9	0.2	0.4	0.28	0.64
4.0-5.0	27.8	0.2	0.7	0.36	1.00
5.0-6.0	27.7	0.3	1.0	0.44	1.43
6.0-7.0	27.6	0.3	1.3	0.51	1.94
7.0-8.0	27.5	0.4	1.7	0.59	2.53
8.0-9.0	27.4	0.4	2.1	0.66	3.20
9.0-10.0	27.2	0.5	2.6	0.74	3.93
10.0-11.0	27.1	0.5	3.2	0.81	4.74
11.0-12.0	26.9	0.6	3.8	0.88	5.62
12.0-13.0	26.7	0.6	4.4	0.95	6.57
13.0-14.0	26.5	0.7	5.1	1.01	7.58
14.0-15.0	26.3	0.7	5.8	1.08	8.66
15.0-16.0	26.0	0.8	6.6	1.14	9.80
16.0-17.0	25.8	0.8	7.4	1.20	11.01
17.0-18.0	25.6	0.8	8.2	1.26	12.27
18.0-19.0	25.3	0.9	9.1	1.32	13.58
19.0-20.0	25.0	0.9	10.0	1.37	14.95
20.0-21.0	24.7	0.9	10.9	1.42	16.37
21.0-22.0	24.4	1.0	11.9	1.47	17.83
22.0-23.0	24.1	1.0	12.9	1.51	19.35
23.0-24.0	23.8	1.0	14.0	1.56	20.90
24.0-25.0	23.5	1.1	15.0	1.60	22.50
25.0-26.0	23.1	1.1	16.1	1.63	24.13
26.0-27.0	22.8	1.1	17.3	1.67	25.80
27.0-28.0	22.4	1.1	18.4	1.70	27.50
28.0-29.0	22.1	1.2	19.5	1.73	29.22
29.0-30.0	21.7	1.2	20.7	1.75	30.98
30.0-31.0	21.3	1.2	21.9	1.77	32.75
31.0-32.0	21.0	1.2	23.1	1.80	34.55
32.0-33.0	20.6	1.2	24.3	1.81	36.36
33.0-34.0	20.2	1.2	25.5	1.83	38.19
34.0-35.0	19.8	1.2	26.8	1.84	40.03
35.0-36.0	19.4	1.2	28.0	1.85	41.88

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	19.0	1.2	29.3	1.85	43.73
37.0-38.0	18.6	1.2	30.5	1.86	45.59
38.0-39.0	18.2	1.2	31.7	1.86	47.45
39.0-40.0	17.8	1.2	33.0	1.86	49.31
40.0-41.0	17.4	1.2	34.2	1.85	51.16
41.0-42.0	17.0	1.2	35.5	1.85	53.01
42.0-43.0	16.6	1.2	36.7	1.84	54.84
43.0-44.0	16.2	1.2	37.9	1.83	56.67
44.0-45.0	15.8	1.2	39.1	1.81	58.48
45.0-46.0	15.4	1.2	40.3	1.80	60.28
46.0-47.0	15.0	1.2	41.5	1.78	62.06
47.0-48.0	14.6	1.2	42.7	1.76	63.82
48.0-49.0	14.1	1.2	43.9	1.74	65.56
49.0-50.0	13.7	1.1	45.0	1.71	67.27
50.0-51.0	13.3	1.1	46.1	1.68	68.96
51.0-52.0	12.9	1.1	47.2	1.65	70.61
52.0-53.0	12.5	1.1	48.3	1.62	72.23
53.0-54.0	12.1	1.1	49.4	1.59	73.83
54.0-55.0	11.7	1.0	50.4	1.56	75.38
55.0-56.0	11.3	1.0	51.4	1.52	76.90
56.0-57.0	10.8	1.0	52.4	1.48	78.39
57.0-58.0	10.4	1.0	53.4	1.44	79.83
58.0-59.0	10.0	0.9	54.3	1.40	81.23
59.0-60.0	9.6	0.9	55.2	1.36	82.58
60.0-61.0	9.2	0.9	56.1	1.31	83.90
61.0-62.0	8.8	0.8	57.0	1.27	85.17
62.0-63.0	8.4	0.8	57.8	1.22	86.39
63.0-64.0	8.0	0.8	58.6	1.17	87.56
64.0-65.0	7.6	0.8	59.3	1.12	88.68
65.0-66.0	7.2	0.7	60.0	1.07	89.76
66.0-67.0	6.8	0.7	60.7	1.02	90.77
67.0-68.0	6.4	0.6	61.4	0.97	91.74
68.0-69.0	6.0	0.6	62.0	0.91	92.65
69.0-70.0	5.6	0.6	62.6	0.86	93.52
70.0-71.0	5.2	0.5	63.1	0.81	94.32
71.0-72.0	4.8	0.5	63.6	0.75	95.07

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: 9.390 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	4.4	0.5	64.1	0.69	95.77
73.0-74.0	4.1	0.4	64.5	0.64	96.41
74.0-75.0	3.7	0.4	64.9	0.58	96.99
75.0-76.0	3.3	0.4	65.2	0.53	97.51
76.0-77.0	3.0	0.3	65.5	0.47	97.99
77.0-78.0	2.6	0.3	65.8	0.42	98.41
78.0-79.0	2.3	0.2	66.1	0.37	98.77
79.0-80.0	1.9	0.2	66.3	0.31	99.09
80.0-81.0	1.6	0.2	66.5	0.26	99.35
81.0-82.0	1.3	0.1	66.6	0.21	99.56
82.0-83.0	1.0	0.1	66.7	0.17	99.73
83.0-84.0	0.7	0.1	66.8	0.12	99.85
84.0-85.0	0.5	0.1	66.8	0.08	99.93
85.0-86.0	0.3	0.0	66.9	0.04	99.97
86.0-87.0	0.1	0.0	66.9	0.02	99.99
87.0-88.0	0.0	0.0	66.9	0.01	100.00
88.0-89.0	0.0	0.0	66.9	0.00	100.00
89.0-90.0	0.0	0.0	66.9	0.00	100.00
90.0-91.0	0.0	0.0	66.9	0.00	100.00
91.0-92.0	0.0	0.0	66.9	0.00	100.00
92.0-93.0	0.0	0.0	66.9	0.00	100.00
93.0-94.0	0.0	0.0	66.9	0.00	100.00
94.0-95.0	0.0	0.0	66.9	0.00	100.00
95.0-96.0	0.0	0.0	66.9	0.00	100.00
96.0-97.0	0.0	0.0	66.9	0.00	100.00
97.0-98.0	0.0	0.0	66.9	0.00	100.00
98.0-99.0	0.0	0.0	66.9	0.00	100.00
99.0-100.0	0.0	0.0	66.9	0.00	100.00
100.0-101.0	0.0	0.0	66.9	0.00	100.00
101.0-102.0	0.0	0.0	66.9	0.00	100.00
102.0-103.0	0.0	0.0	66.9	0.00	100.00
103.0-104.0	0.0	0.0	66.9	0.00	100.00
104.0-105.0	0.0	0.0	66.9	0.00	100.00
105.0-106.0	0.0	0.0	66.9	0.00	100.00
106.0-107.0	0.0	0.0	66.9	0.00	100.00
107.0-108.0	0.0	0.0	66.9	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 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	0.0	0.0	66.9	0.00	100.00
109.0-110.0	0.0	0.0	66.9	0.00	100.00
110.0-111.0	0.0	0.0	66.9	0.00	100.00
111.0-112.0	0.0	0.0	66.9	0.00	100.00
112.0-113.0	0.0	0.0	66.9	0.00	100.00
113.0-114.0	0.0	0.0	66.9	0.00	100.00
114.0-115.0	0.0	0.0	66.9	0.00	100.00
115.0-116.0	0.0	0.0	66.9	0.00	100.00
116.0-117.0	0.0	0.0	66.9	0.00	100.00
117.0-118.0	0.0	0.0	66.9	0.00	100.00
118.0-119.0	0.0	0.0	66.9	0.00	100.00
119.0-120.0	0.0	0.0	66.9	0.00	100.00
120.0-121.0	0.0	0.0	66.9	0.00	100.00
121.0-122.0	0.0	0.0	66.9	0.00	100.00
122.0-123.0	0.0	0.0	66.9	0.00	100.00
123.0-124.0	0.0	0.0	66.9	0.00	100.00
124.0-125.0	0.0	0.0	66.9	0.00	100.00
125.0-126.0	0.0	0.0	66.9	0.00	100.00
126.0-127.0	0.0	0.0	66.9	0.00	100.00
127.0-128.0	0.0	0.0	66.9	0.00	100.00
128.0-129.0	0.0	0.0	66.9	0.00	100.00
129.0-130.0	0.0	0.0	66.9	0.00	100.00
130.0-131.0	0.0	0.0	66.9	0.00	100.00
131.0-132.0	0.0	0.0	66.9	0.00	100.00
132.0-133.0	0.0	0.0	66.9	0.00	100.00
133.0-134.0	0.0	0.0	66.9	0.00	100.00
134.0-135.0	0.0	0.0	66.9	0.00	100.00
135.0-136.0	0.0	0.0	66.9	0.00	100.00
136.0-137.0	0.0	0.0	66.9	0.00	100.00
137.0-138.0	0.0	0.0	66.9	0.00	100.00
138.0-139.0	0.0	0.0	66.9	0.00	100.00
139.0-140.0	0.0	0.0	66.9	0.00	100.00
140.0-141.0	0.0	0.0	66.9	0.00	100.00
141.0-142.0	0.0	0.0	66.9	0.00	100.00
142.0-143.0	0.0	0.0	66.9	0.00	100.00
143.0-144.0	0.0	0.0	66.9	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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	66.9	0.00	100.00
145.0-146.0	0.0	0.0	66.9	0.00	100.00
146.0-147.0	0.0	0.0	66.9	0.00	100.00
147.0-148.0	0.0	0.0	66.9	0.00	100.00
148.0-149.0	0.0	0.0	66.9	0.00	100.00
149.0-150.0	0.0	0.0	66.9	0.00	100.00
150.0-151.0	0.0	0.0	66.9	0.00	100.00
151.0-152.0	0.0	0.0	66.9	0.00	100.00
152.0-153.0	0.0	0.0	66.9	0.00	100.00
153.0-154.0	0.0	0.0	66.9	0.00	100.00
154.0-155.0	0.0	0.0	66.9	0.00	100.00
155.0-156.0	0.0	0.0	66.9	0.00	100.00
156.0-157.0	0.0	0.0	66.9	0.00	100.00
157.0-158.0	0.0	0.0	66.9	0.00	100.00
158.0-159.0	0.0	0.0	66.9	0.00	100.00
159.0-160.0	0.0	0.0	66.9	0.00	100.00
160.0-161.0	0.0	0.0	66.9	0.00	100.00
161.0-162.0	0.0	0.0	66.9	0.00	100.00
162.0-163.0	0.0	0.0	66.9	0.00	100.00
163.0-164.0	0.0	0.0	66.9	0.00	100.00
164.0-165.0	0.0	0.0	66.9	0.00	100.00
165.0-166.0	0.0	0.0	66.9	0.00	100.00
166.0-167.0	0.0	0.0	66.9	0.00	100.00
167.0-168.0	0.0	0.0	66.9	0.00	100.00
168.0-169.0	0.0	0.0	66.9	0.00	100.00
169.0-170.0	0.0	0.0	66.9	0.00	100.00
170.0-171.0	0.0	0.0	66.9	0.00	100.00
171.0-172.0	0.0	0.0	66.9	0.00	100.00
172.0-173.0	0.0	0.0	66.9	0.00	100.00
173.0-174.0	0.0	0.0	66.9	0.00	100.00
174.0-175.0	0.0	0.0	66.9	0.00	100.00
175.0-176.0	0.0	0.0	66.9	0.00	100.00
176.0-177.0	0.0	0.0	66.9	0.00	100.00
177.0-178.0	0.0	0.0	66.9	0.00	100.00
178.0-179.0	0.0	0.0	66.9	0.00	100.00
179.0-180.0	0.0	0.0	66.9	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: