

Report No.:

Test Time: 2023/2/21 14:27

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category: 大炮  
Lamp Catalog: B  
Luminous Width (mm): 70  
Voltage: 219.3 V  
Power: 9.64 W

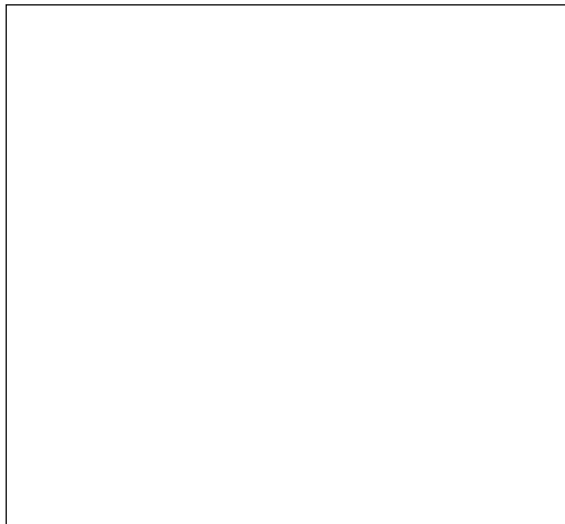
Luminaire Description: YML40°+3M  
Luminous Length (mm): 270  
Luminous Height (mm): 20  
Current: 0.106 A  
Power Factor: 0.414

## Photometric Results

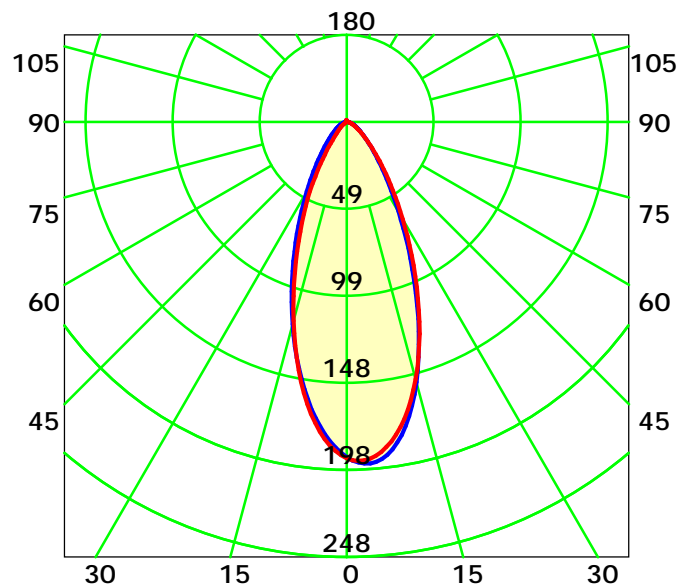
CIE Class: Direct  
Measurement Flux: 136.5 lm  
Downward Ratio: 98%  
Horizontal Diffuse Angle(10%,50%): H86.3,H42.3  
Vertical Diffuse Angle(10%,50%): V80.4,V42.2  
Luminaire Efficacy Rating (LER): 14  
Max. Intensity: 195.29 cd

Total Rated Lamp Lumens: 136.5 lm  
Efficiency: 100%  
Upward Ratio: 2%  
Central Intensity: 191.08 cd  
Pos of Max. Intensity: H30 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



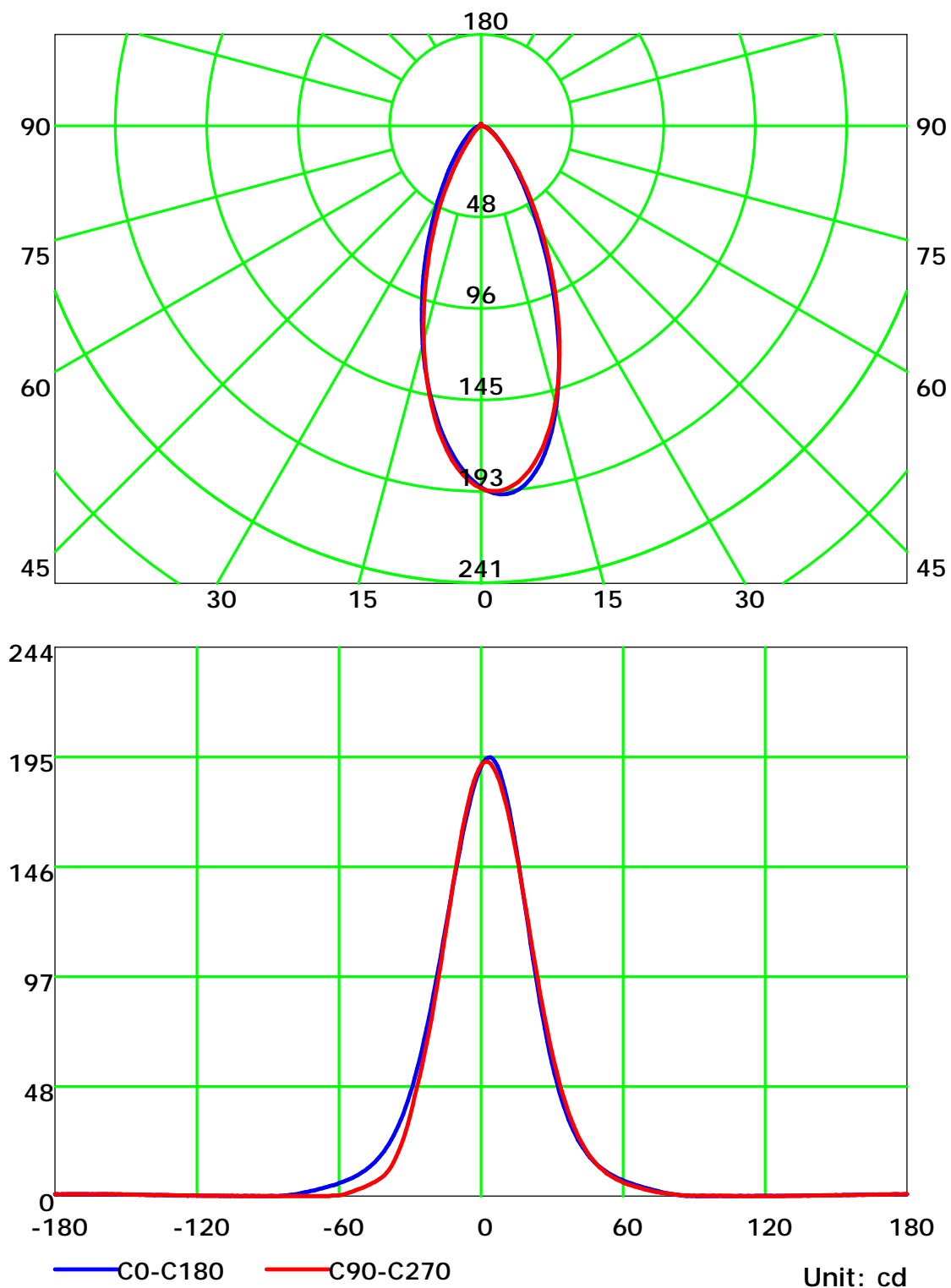
Average Diffuse Angle(50%): 42.3° Unit: cd

— 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:

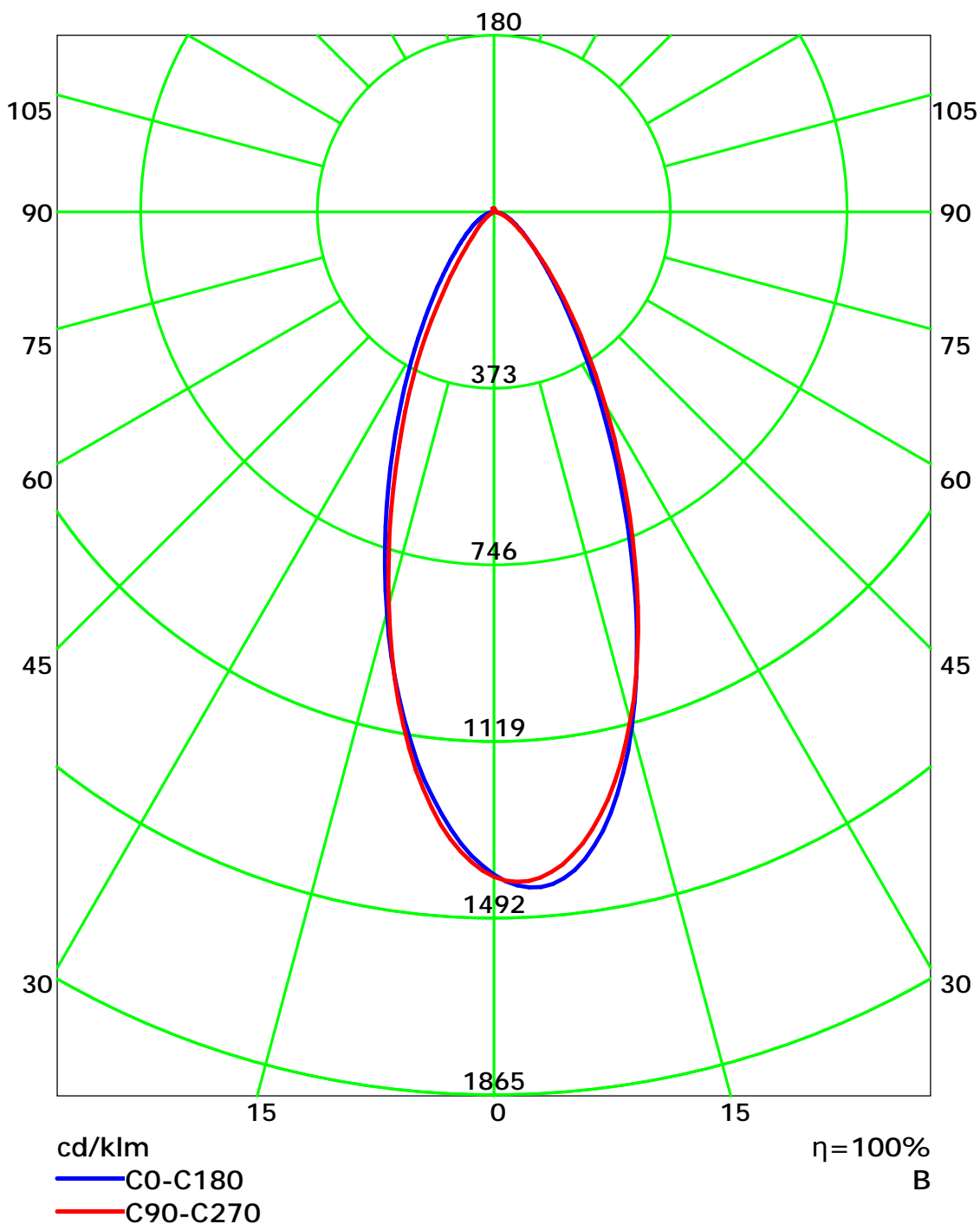
## Luminous Intensity Distribution Curve



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:

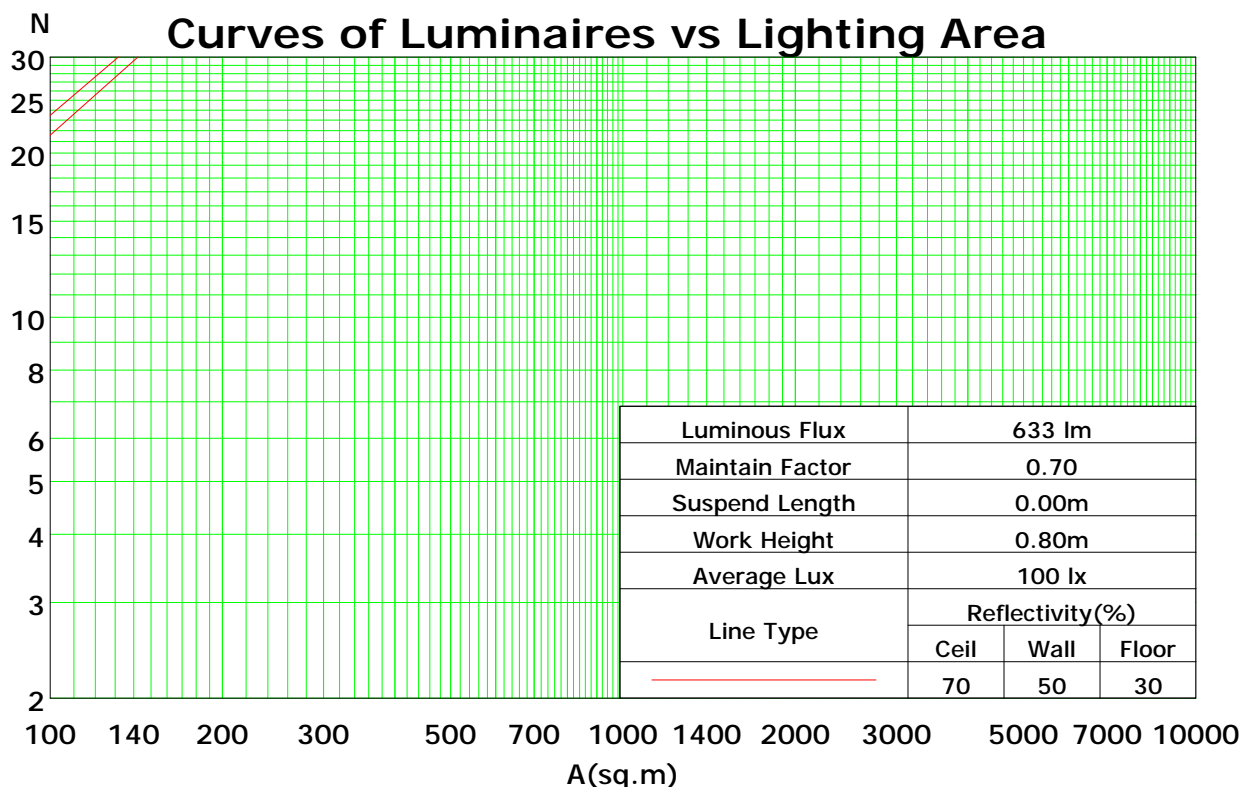
## Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	112	109	107	104	110	107	104	102	103	101	99	98	97	95	95	94	92	90
2	106	101	96	93	104	99	95	91	95	92	89	92	89	87	89	87	85	83
3	100	93	88	84	98	92	87	83	89	85	81	86	83	80	84	81	78	77
4	95	87	81	76	93	85	80	76	83	78	75	81	77	74	79	75	72	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	74	70	67	66
6	85	76	70	65	84	75	69	65	73	68	64	72	67	63	70	66	63	61
7	81	71	65	61	79	70	65	60	69	64	60	68	63	59	66	62	59	57
8	77	67	61	57	76	66	61	56	65	60	56	64	59	56	63	59	55	54
9	73	63	57	53	72	63	57	53	62	57	53	61	56	53	60	55	52	51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48

Spacing Criteria (0-180): 0.68

Spacing Criteria (90-270): 0.67

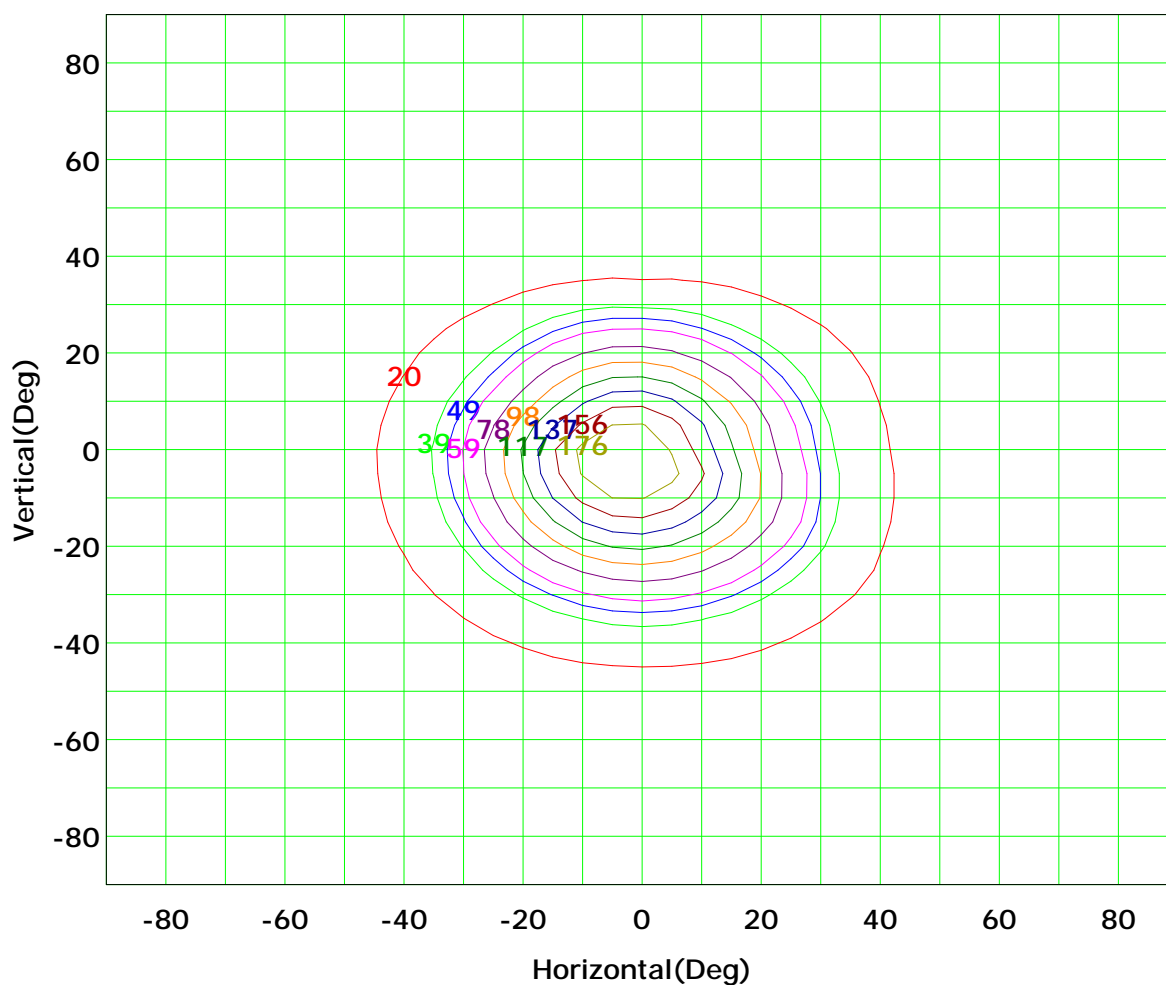
Spacing Criteria (Diagonal): 0.71



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:

## Isocandela (rectangle)



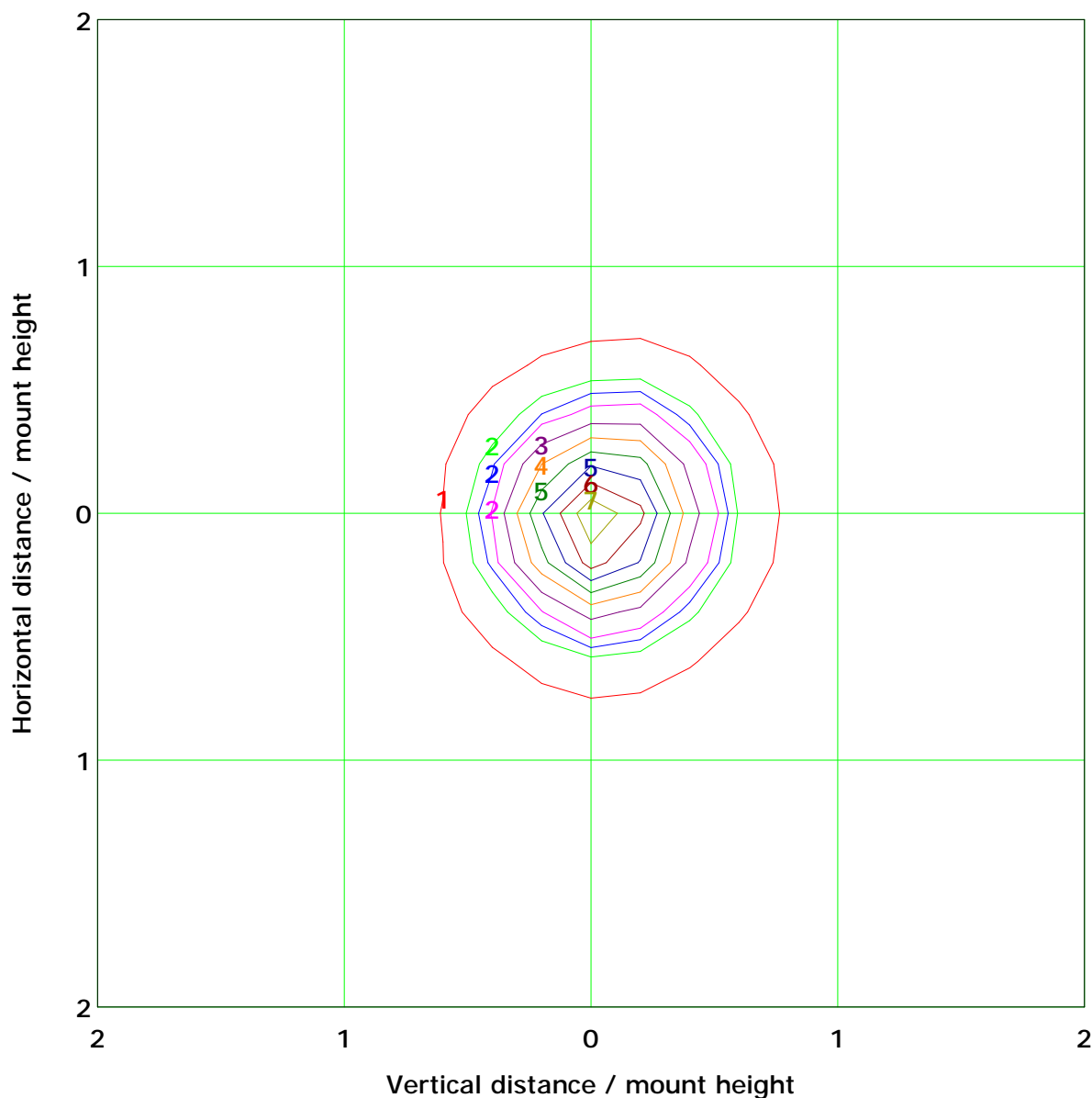
I<sub>max</sub> (100%): 195 cd

( 10%): 20 cd	( 20%): 39 cd
( 25%): 49 cd	( 30%): 59 cd
( 40%): 78 cd	( 50%): 98 cd
( 60%): 117 cd	( 70%): 137 cd
( 80%): 156 cd	( 90%): 176 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%): 7.8 lx

( 10%): 0.8 lx	( 20%): 1.6 lx
( 25%): 1.9 lx	( 30%): 2.3 lx
( 40%): 3.1 lx	( 50%): 3.9 lx
( 60%): 4.7 lx	( 70%): 5.4 lx
( 80%): 6.2 lx	( 90%): 7.0 lx

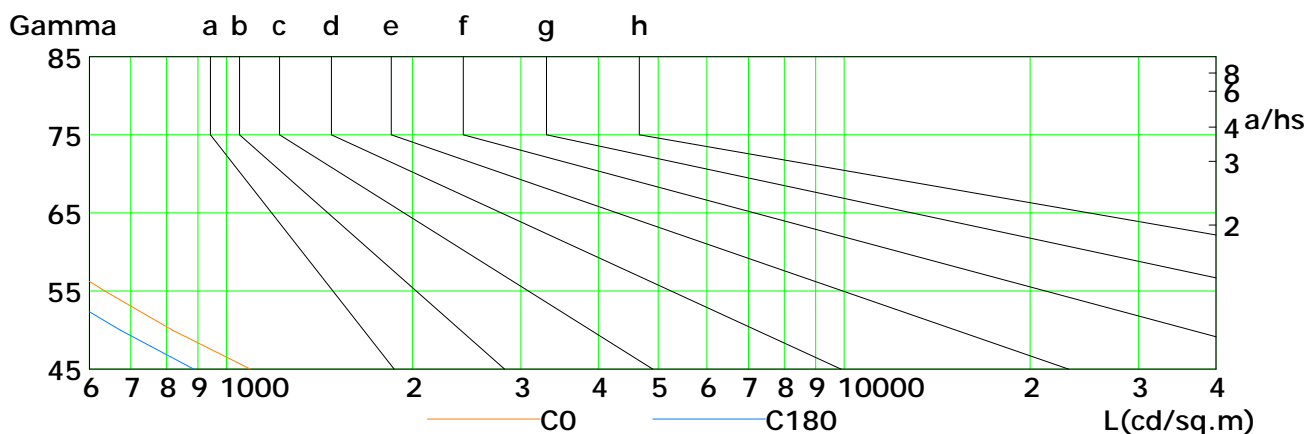
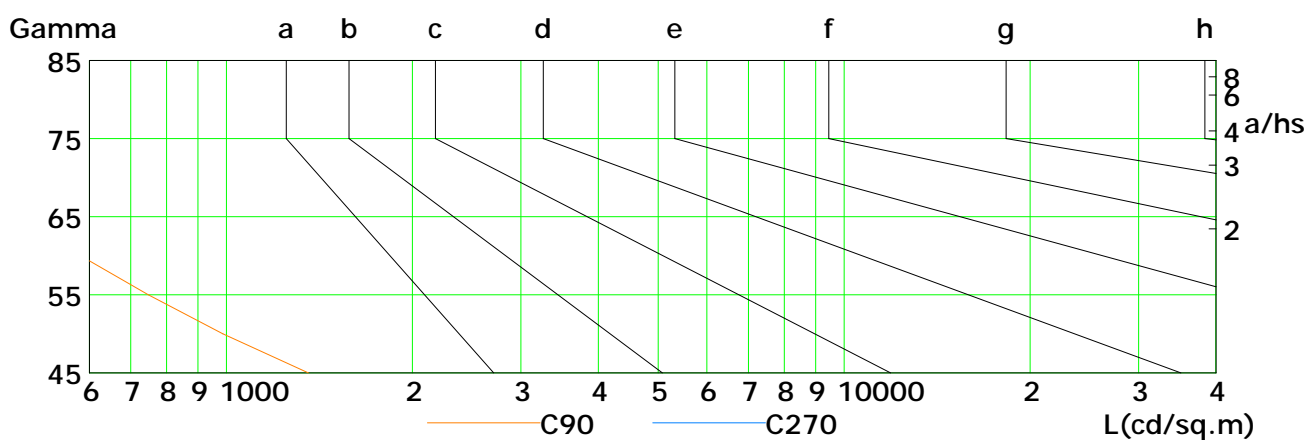
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

## 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

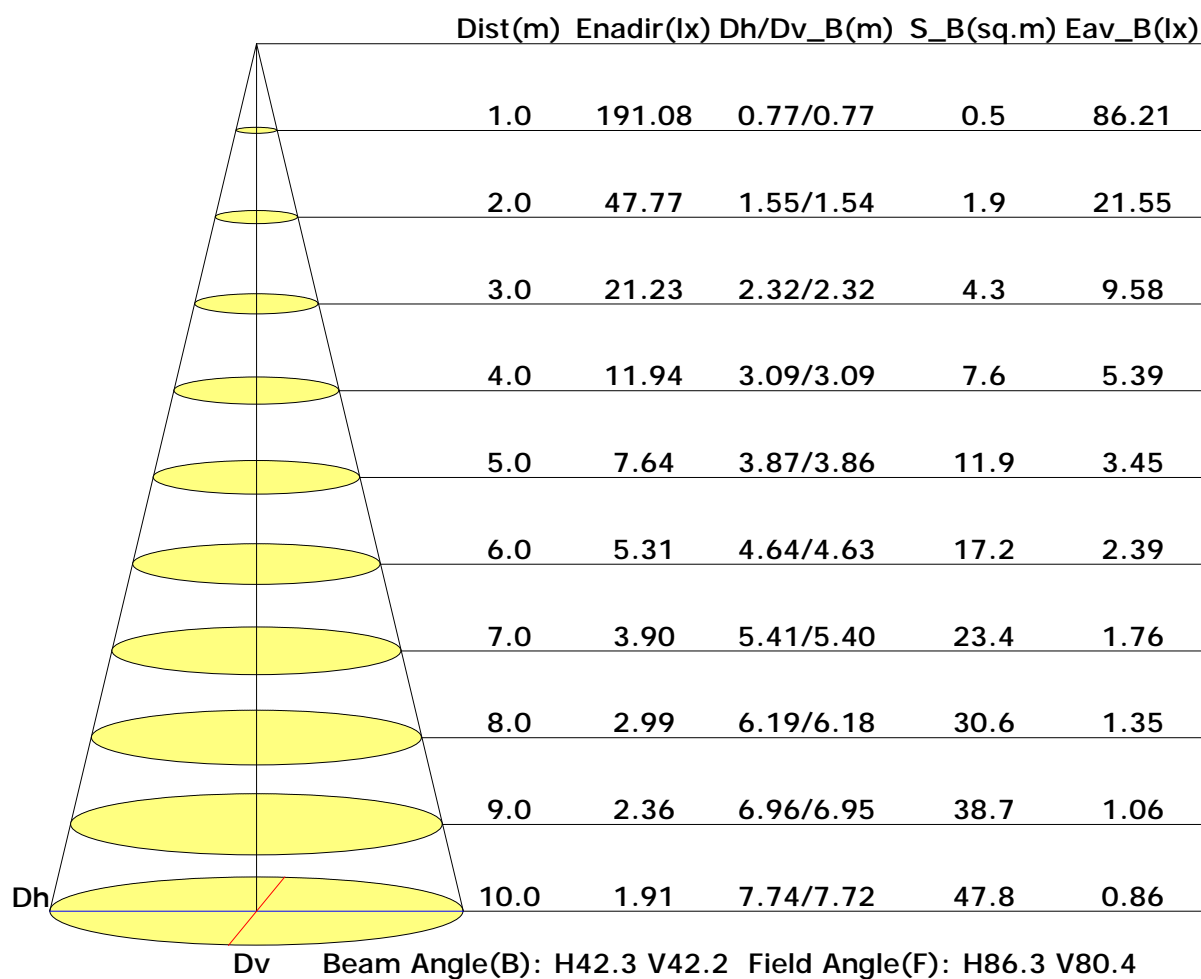


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1094	818	635	505	405	316	232	134	56
C90	1358	988	747	581	473	375	306	247	184
C180	886	673	527	420	328	246	173	87	44
C270	450	299	166	49	15	24	38	41	62

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



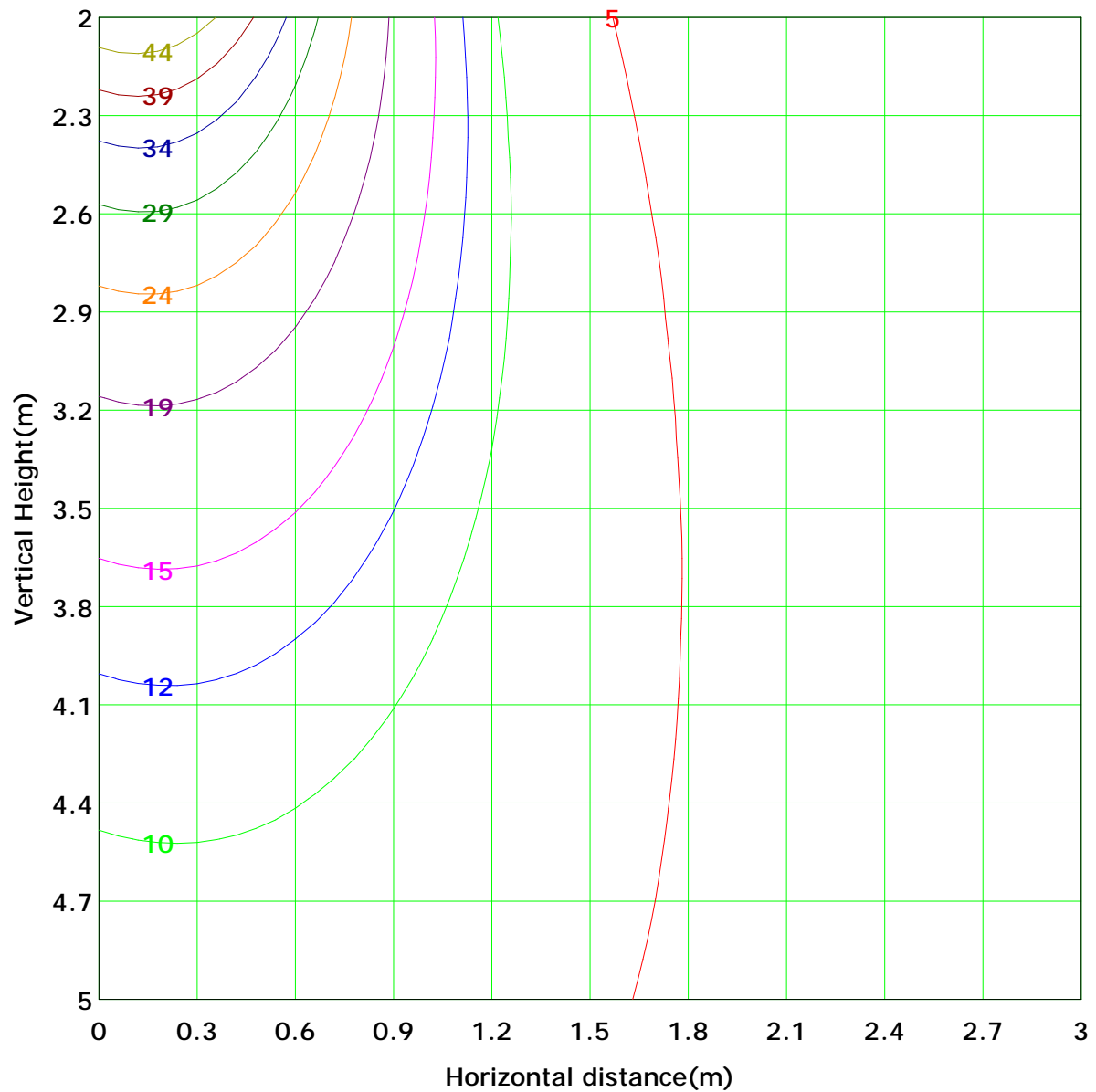
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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: 48.6 lx
( 10%): 4.9 lx	( 20%): 9.7 lx	
( 25%): 12.2 lx	( 30%): 14.6 lx	
( 40%): 19.4 lx	( 50%): 24.3 lx	
( 60%): 29.2 lx	( 70%): 34.0 lx	
( 80%): 38.9 lx	( 90%): 43.7 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:

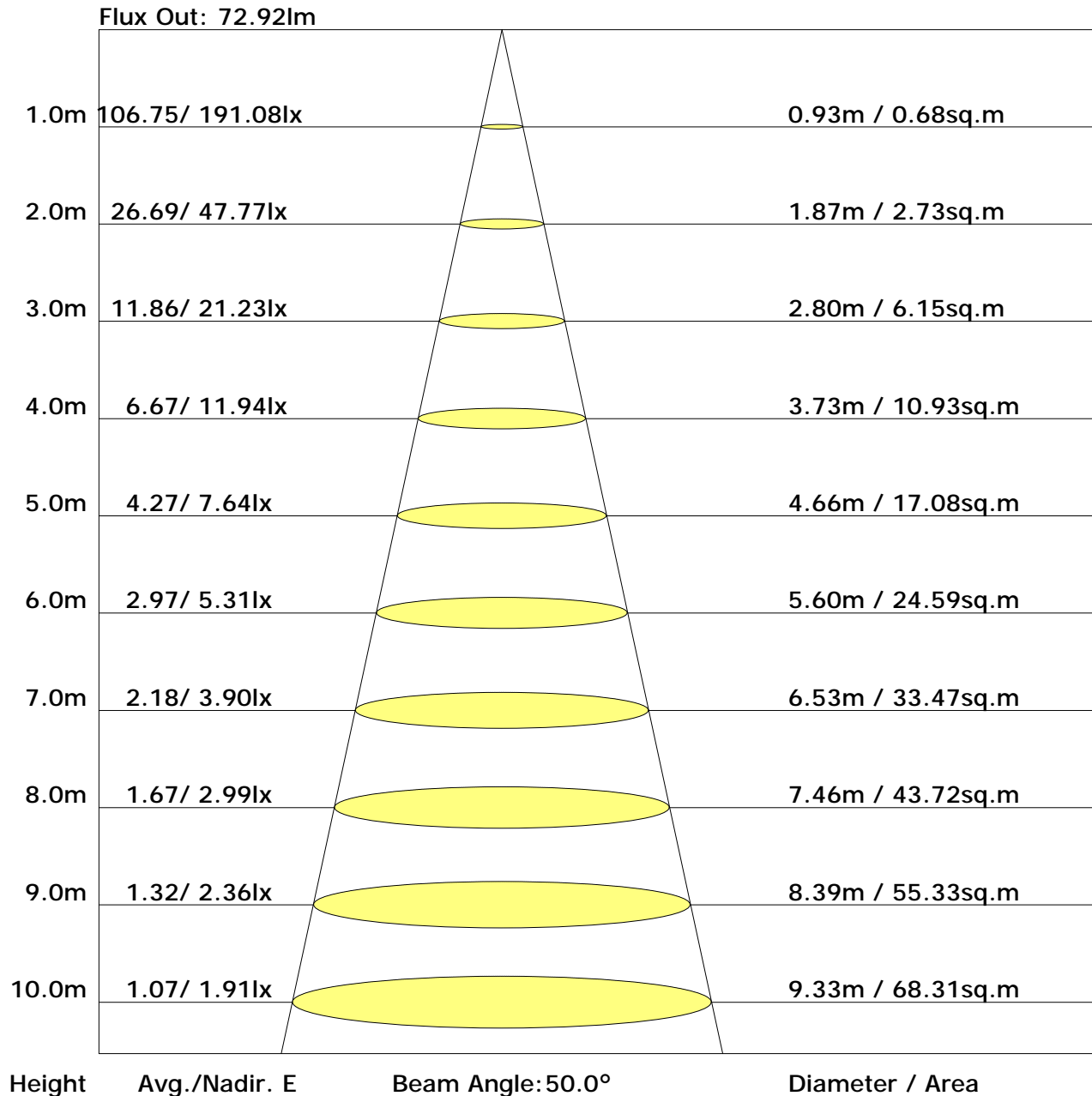
## Unit: lm

[illegible]

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	13.6	14.7	14.0	15.0	15.4	13.5	14.6	13.9	14.9	15.3
3H	14.7	15.7	15.2	16.1	16.5	14.3	15.2	14.7	15.6	16.0
4H	15.1	16.0	15.6	16.4	16.8	14.5	15.4	14.9	15.8	16.2
6H	15.3	16.1	15.7	16.5	17.0	14.6	15.4	15.0	15.8	16.3
8H	15.3	16.1	15.8	16.5	17.0	14.6	15.4	15.1	15.8	16.2
12H	15.3	16.0	15.8	16.5	16.9	14.6	15.3	15.0	15.7	16.2
X=4H Y=2H	13.6	14.5	14.1	14.9	15.4	13.8	14.7	14.3	15.1	15.5
3H	14.9	15.6	15.4	16.1	16.5	14.8	15.5	15.2	15.9	16.4
4H	15.3	16.0	15.8	16.5	17.0	15.0	15.7	15.5	16.2	16.6
6H	15.6	16.1	16.1	16.6	17.1	15.2	15.8	15.7	16.3	16.8
8H	15.6	16.1	16.1	16.6	17.1	15.2	15.8	15.7	16.2	16.8
12H	15.6	16.1	16.2	16.6	17.1	15.2	15.7	15.7	16.2	16.7
X=8H Y=4H	15.3	15.8	15.8	16.3	16.8	15.1	15.7	15.6	16.1	16.7
6H	15.6	16.0	16.1	16.5	17.0	15.4	15.8	15.9	16.3	16.8
8H	15.6	16.0	16.2	16.6	17.1	15.4	15.8	16.0	16.3	16.9
12H	15.7	16.0	16.2	16.5	17.1	15.4	15.8	16.0	16.3	16.9
X=12H Y=4H	15.2	15.7	15.8	16.2	16.7	15.1	15.6	15.6	16.1	16.6
6H	15.5	15.9	16.1	16.4	17.0	15.3	15.7	15.9	16.2	16.8
8H	15.6	15.9	16.2	16.5	17.1	15.4	15.8	16.0	16.3	16.9

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 = 0.75								
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	0.79	0.86	0.91	0.95	0.99	1.02	1.05	1.07	1.09
	0.30		0.73	0.81	0.86	0.90	0.95	0.99	1.01	1.05	1.07
	0.20		0.70	0.77	0.82	0.87	0.92	0.96	0.99	1.02	1.05
0.50	0.50	0.20	0.77	0.84	0.89	0.92	0.96	0.99	1.01	1.03	1.05
	0.30		0.73	0.80	0.85	0.88	0.93	0.96	0.98	1.01	1.03
	0.20		0.69	0.76	0.81	0.85	0.90	0.94	0.96	0.99	1.01
0.30	0.50	0.20	0.76	0.82	0.86	0.89	0.93	0.96	0.97	0.99	1.01
	0.30		0.72	0.78	0.83	0.86	0.91	0.93	0.95	0.98	0.99
	0.20		0.69	0.76	0.80	0.84	0.88	0.91	0.93	0.96	0.98
0.00	0.00	0.00	0.67	0.73	0.78	0.81	0.85	0.87	0.89	0.91	0.93
Rating: 10W 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 = 0.75								
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	0.67	0.54	0.45	0.39	0.31	0.25	0.22	0.17	0.14
	0.30		0.56	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13
	0.20		0.48	0.40	0.35	0.31	0.25	0.21	0.19	0.15	0.12
0.50	0.50	0.20	0.63	0.51	0.43	0.37	0.29	0.27	0.20	0.15	0.12
	0.30		0.54	0.44	0.38	0.33	0.26	0.22	0.19	0.14	0.12
	0.20		0.47	0.39	0.34	0.30	0.24	0.20	0.18	0.14	0.11
0.30	0.50	0.20	0.61	0.48	0.40	0.34	0.27	0.22	0.18	0.14	0.11
	0.30		0.52	0.42	0.36	0.31	0.25	0.20	0.17	0.13	0.11
	0.20		0.45	0.38	0.32	0.28	0.23	0.19	0.16	0.13	0.11
0.00	0.00	0.00	0.32	0.26	0.21	0.18	0.14	0.12	0.10	0.07	0.06
Rating: 10W 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 = 0.75								
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	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.30	0.50	0.20	0.14	0.16	0.17	0.17	0.19	0.19	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
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: 10W 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	191.9	0.2	0.2	0.13	0.13
1.0-2.0	191.3	0.5	0.7	0.40	0.54
2.0-3.0	190.1	0.9	1.6	0.67	1.20
3.0-4.0	188.3	1.3	2.9	0.92	2.13
4.0-5.0	186.0	1.6	4.5	1.17	3.30
5.0-6.0	183.1	1.9	6.4	1.41	4.71
6.0-7.0	179.8	2.2	8.7	1.63	6.34
7.0-8.0	175.9	2.5	11.2	1.84	8.19
8.0-9.0	171.6	2.8	14.0	2.04	10.23
9.0-10.0	166.8	3.0	17.0	2.21	12.44
10.0-11.0	161.8	3.2	20.2	2.37	14.81
11.0-12.0	156.3	3.4	23.6	2.50	17.31
12.0-13.0	150.6	3.6	27.2	2.62	19.93
13.0-14.0	144.7	3.7	30.9	2.71	22.64
14.0-15.0	138.6	3.8	34.7	2.79	25.43
15.0-16.0	132.3	3.9	38.6	2.84	28.27
16.0-17.0	126.1	3.9	42.5	2.88	31.15
17.0-18.0	119.7	3.9	46.5	2.89	34.04
18.0-19.0	113.4	3.9	50.4	2.89	36.93
19.0-20.0	107.1	3.9	54.3	2.87	39.81
20.0-21.0	100.9	3.9	58.2	2.84	42.65
21.0-22.0	94.8	3.8	62.0	2.79	45.44
22.0-23.0	88.9	3.7	65.7	2.73	48.17
23.0-24.0	83.2	3.6	69.4	2.67	50.84
24.0-25.0	77.7	3.5	72.9	2.59	53.43
25.0-26.0	72.5	3.4	76.3	2.51	55.94
26.0-27.0	67.5	3.3	79.6	2.42	58.35
27.0-28.0	62.7	3.2	82.8	2.32	60.68
28.0-29.0	58.1	3.0	85.9	2.23	62.91
29.0-30.0	53.8	2.9	88.8	2.13	65.04
30.0-31.0	49.7	2.8	91.5	2.03	67.06
31.0-32.0	45.9	2.6	94.2	1.93	68.99
32.0-33.0	42.3	2.5	96.7	1.83	70.82
33.0-34.0	38.9	2.4	99.0	1.73	72.54
34.0-35.0	35.8	2.2	101.2	1.63	74.17
35.0-36.0	32.9	2.1	103.3	1.54	75.71

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 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	30.3	2.0	105.3	1.45	77.16
37.0-38.0	27.8	1.9	107.2	1.36	78.51
38.0-39.0	25.5	1.7	108.9	1.28	79.79
39.0-40.0	23.4	1.6	110.5	1.20	80.99
40.0-41.0	21.6	1.5	112.1	1.13	82.11
41.0-42.0	19.9	1.4	113.5	1.06	83.17
42.0-43.0	18.3	1.4	114.9	0.99	84.17
43.0-44.0	16.9	1.3	116.2	0.93	85.10
44.0-45.0	15.6	1.2	117.3	0.88	85.98
45.0-46.0	14.4	1.1	118.5	0.83	86.80
46.0-47.0	13.3	1.1	119.5	0.78	87.58
47.0-48.0	12.3	1.0	120.5	0.73	88.31
48.0-49.0	11.4	0.9	121.5	0.69	89.00
49.0-50.0	10.6	0.9	122.4	0.65	89.64
50.0-51.0	9.8	0.8	123.2	0.61	90.25
51.0-52.0	9.1	0.8	124.0	0.57	90.83
52.0-53.0	8.4	0.7	124.7	0.54	91.36
53.0-54.0	7.8	0.7	125.4	0.50	91.87
54.0-55.0	7.3	0.6	126.0	0.47	92.34
55.0-56.0	6.7	0.6	126.6	0.45	92.79
56.0-57.0	6.2	0.6	127.2	0.42	93.21
57.0-58.0	5.8	0.5	127.7	0.39	93.60
58.0-59.0	5.3	0.5	128.2	0.36	93.96
59.0-60.0	4.9	0.5	128.7	0.34	94.30
60.0-61.0	4.5	0.4	129.1	0.32	94.62
61.0-62.0	4.2	0.4	129.5	0.30	94.92
62.0-63.0	3.9	0.4	129.9	0.28	95.19
63.0-64.0	3.6	0.4	130.3	0.26	95.46
64.0-65.0	3.4	0.3	130.6	0.24	95.70
65.0-66.0	3.1	0.3	130.9	0.23	95.93
66.0-67.0	2.9	0.3	131.2	0.22	96.14
67.0-68.0	2.7	0.3	131.5	0.20	96.34
68.0-69.0	2.5	0.3	131.8	0.19	96.53
69.0-70.0	2.3	0.2	132.0	0.17	96.70
70.0-71.0	2.1	0.2	132.2	0.16	96.86
71.0-72.0	1.9	0.2	132.4	0.14	97.00

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:

## 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	1.7	0.2	132.6	0.13	97.13
73.0-74.0	1.6	0.2	132.7	0.12	97.25
74.0-75.0	1.4	0.2	132.9	0.11	97.37
75.0-76.0	1.3	0.1	133.0	0.10	97.46
76.0-77.0	1.1	0.1	133.2	0.09	97.55
77.0-78.0	1.0	0.1	133.3	0.08	97.63
78.0-79.0	0.9	0.1	133.4	0.07	97.70
79.0-80.0	0.8	0.1	133.4	0.06	97.77
80.0-81.0	0.7	0.1	133.5	0.06	97.82
81.0-82.0	0.6	0.1	133.6	0.05	97.87
82.0-83.0	0.5	0.1	133.6	0.04	97.91
83.0-84.0	0.5	0.1	133.7	0.04	97.95
84.0-85.0	0.4	0.0	133.7	0.03	97.98
85.0-86.0	0.3	0.0	133.8	0.03	98.01
86.0-87.0	0.3	0.0	133.8	0.02	98.03
87.0-88.0	0.3	0.0	133.8	0.02	98.06
88.0-89.0	0.3	0.0	133.9	0.02	98.08
89.0-90.0	0.3	0.0	133.9	0.02	98.10
90.0-91.0	0.3	0.0	133.9	0.02	98.12
91.0-92.0	0.3	0.0	134.0	0.02	98.14
92.0-93.0	0.3	0.0	134.0	0.02	98.16
93.0-94.0	0.3	0.0	134.0	0.02	98.18
94.0-95.0	0.3	0.0	134.0	0.02	98.21
95.0-96.0	0.3	0.0	134.1	0.02	98.23
96.0-97.0	0.3	0.0	134.1	0.02	98.25
97.0-98.0	0.3	0.0	134.1	0.02	98.27
98.0-99.0	0.2	0.0	134.2	0.02	98.29
99.0-100.0	0.2	0.0	134.2	0.02	98.31
100.0-101.0	0.2	0.0	134.2	0.02	98.32
101.0-102.0	0.2	0.0	134.2	0.02	98.34
102.0-103.0	0.2	0.0	134.3	0.02	98.36
103.0-104.0	0.2	0.0	134.3	0.02	98.38
104.0-105.0	0.2	0.0	134.3	0.02	98.40
105.0-106.0	0.2	0.0	134.3	0.02	98.42
106.0-107.0	0.2	0.0	134.4	0.02	98.43
107.0-108.0	0.2	0.0	134.4	0.02	98.45

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:

## 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	134.4	0.02	98.47
109.0-110.0	0.3	0.0	134.4	0.02	98.49
110.0-111.0	0.2	0.0	134.5	0.02	98.51
111.0-112.0	0.3	0.0	134.5	0.02	98.53
112.0-113.0	0.3	0.0	134.5	0.02	98.55
113.0-114.0	0.3	0.0	134.5	0.02	98.57
114.0-115.0	0.3	0.0	134.6	0.02	98.59
115.0-116.0	0.3	0.0	134.6	0.02	98.60
116.0-117.0	0.3	0.0	134.6	0.02	98.62
117.0-118.0	0.3	0.0	134.6	0.02	98.65
118.0-119.0	0.3	0.0	134.7	0.02	98.67
119.0-120.0	0.3	0.0	134.7	0.02	98.69
120.0-121.0	0.3	0.0	134.7	0.02	98.71
121.0-122.0	0.3	0.0	134.8	0.02	98.73
122.0-123.0	0.3	0.0	134.8	0.02	98.75
123.0-124.0	0.3	0.0	134.8	0.02	98.77
124.0-125.0	0.3	0.0	134.8	0.02	98.79
125.0-126.0	0.3	0.0	134.9	0.02	98.82
126.0-127.0	0.4	0.0	134.9	0.02	98.84
127.0-128.0	0.4	0.0	134.9	0.02	98.86
128.0-129.0	0.4	0.0	135.0	0.02	98.89
129.0-130.0	0.4	0.0	135.0	0.02	98.91
130.0-131.0	0.4	0.0	135.0	0.02	98.94
131.0-132.0	0.4	0.0	135.1	0.03	98.96
132.0-133.0	0.5	0.0	135.1	0.03	98.99
133.0-134.0	0.5	0.0	135.1	0.03	99.02
134.0-135.0	0.5	0.0	135.2	0.03	99.04
135.0-136.0	0.5	0.0	135.2	0.03	99.07
136.0-137.0	0.5	0.0	135.3	0.03	99.10
137.0-138.0	0.5	0.0	135.3	0.03	99.12
138.0-139.0	0.5	0.0	135.3	0.03	99.15
139.0-140.0	0.5	0.0	135.4	0.03	99.18
140.0-141.0	0.6	0.0	135.4	0.03	99.21
141.0-142.0	0.6	0.0	135.5	0.03	99.24
142.0-143.0	0.6	0.0	135.5	0.03	99.27
143.0-144.0	0.6	0.0	135.5	0.03	99.30

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	0.6	0.0	135.6	0.03	99.33
145.0-146.0	0.7	0.0	135.6	0.03	99.36
146.0-147.0	0.7	0.0	135.7	0.03	99.39
147.0-148.0	0.7	0.0	135.7	0.03	99.42
148.0-149.0	0.7	0.0	135.7	0.03	99.45
149.0-150.0	0.7	0.0	135.8	0.03	99.47
150.0-151.0	0.7	0.0	135.8	0.03	99.50
151.0-152.0	0.7	0.0	135.9	0.03	99.53
152.0-153.0	0.8	0.0	135.9	0.03	99.56
153.0-154.0	0.8	0.0	135.9	0.03	99.59
154.0-155.0	0.8	0.0	136.0	0.03	99.62
155.0-156.0	0.8	0.0	136.0	0.03	99.64
156.0-157.0	0.8	0.0	136.0	0.03	99.67
157.0-158.0	0.8	0.0	136.1	0.03	99.69
158.0-159.0	0.8	0.0	136.1	0.02	99.72
159.0-160.0	0.9	0.0	136.1	0.02	99.74
160.0-161.0	0.9	0.0	136.2	0.02	99.77
161.0-162.0	0.9	0.0	136.2	0.02	99.79
162.0-163.0	0.9	0.0	136.2	0.02	99.81
163.0-164.0	0.9	0.0	136.3	0.02	99.83
164.0-165.0	0.9	0.0	136.3	0.02	99.85
165.0-166.0	0.9	0.0	136.3	0.02	99.87
166.0-167.0	0.9	0.0	136.3	0.02	99.89
167.0-168.0	0.9	0.0	136.4	0.02	99.90
168.0-169.0	1.0	0.0	136.4	0.02	99.92
169.0-170.0	1.0	0.0	136.4	0.01	99.93
170.0-171.0	1.0	0.0	136.4	0.01	99.94
171.0-172.0	1.0	0.0	136.4	0.01	99.96
172.0-173.0	1.0	0.0	136.4	0.01	99.97
173.0-174.0	1.0	0.0	136.5	0.01	99.98
174.0-175.0	1.0	0.0	136.5	0.01	99.98
175.0-176.0	1.0	0.0	136.5	0.01	99.99
176.0-177.0	1.0	0.0	136.5	0.00	99.99
177.0-178.0	1.0	0.0	136.5	0.00	100.00
178.0-179.0	1.0	0.0	136.5	0.00	100.00
179.0-180.0	1.0	0.0	136.5	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: