

Report No.:

Test Time: 2023/2/21 15:50

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category: 大炮  
Lamp Catalog: B  
Luminous Width (mm): 70  
Voltage: 219.2 V  
Power: 9.60 W

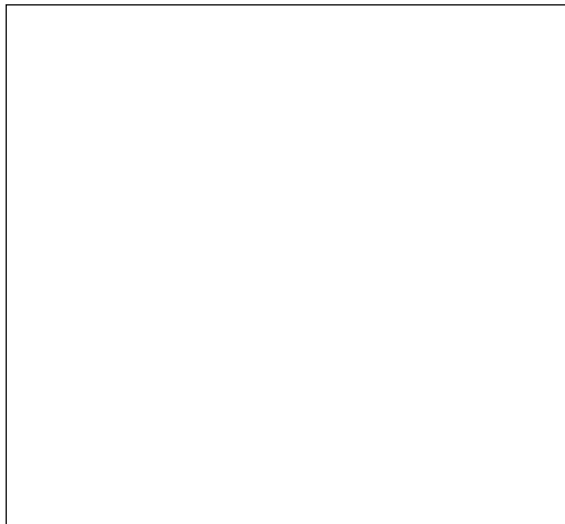
Luminaire Description: 20x45  
Luminous Length (mm): 270  
Luminous Height (mm): 20  
Current: 0.106 A  
Power Factor: 0.413

## Photometric Results

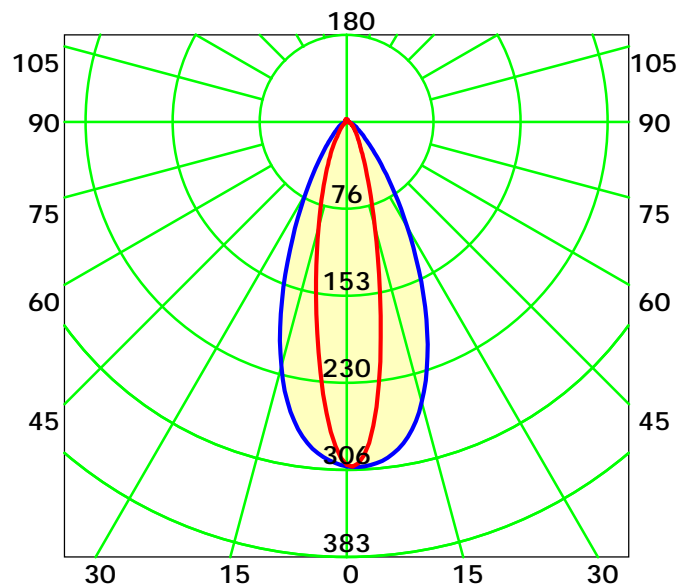
CIE Class: Direct  
Measurement Flux: 154.5 lm  
Downward Ratio: 93%  
Horizontal Diffuse Angle(10%,50%): H83.6,H46.7  
Vertical Diffuse Angle(10%,50%): V53.9,V21.5  
Luminaire Efficacy Rating (LER): 16  
Max. Intensity: 304.27 cd

Total Rated Lamp Lumens: 154.5 lm  
Efficiency: 100%  
Upward Ratio: 7%  
Central Intensity: 303.42 cd  
Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



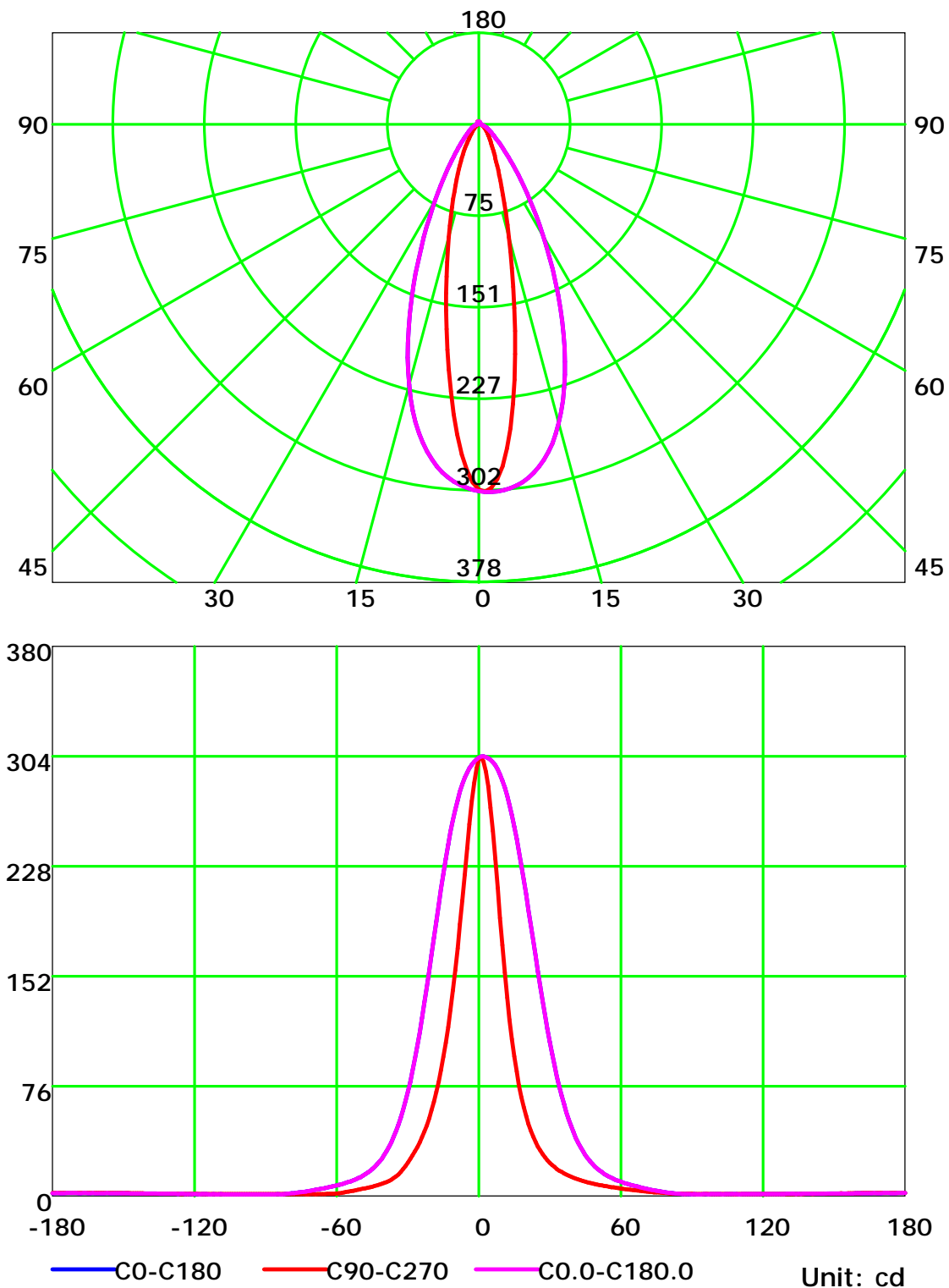
Average Diffuse Angle(50%): 34.1° Unit: cd

— 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

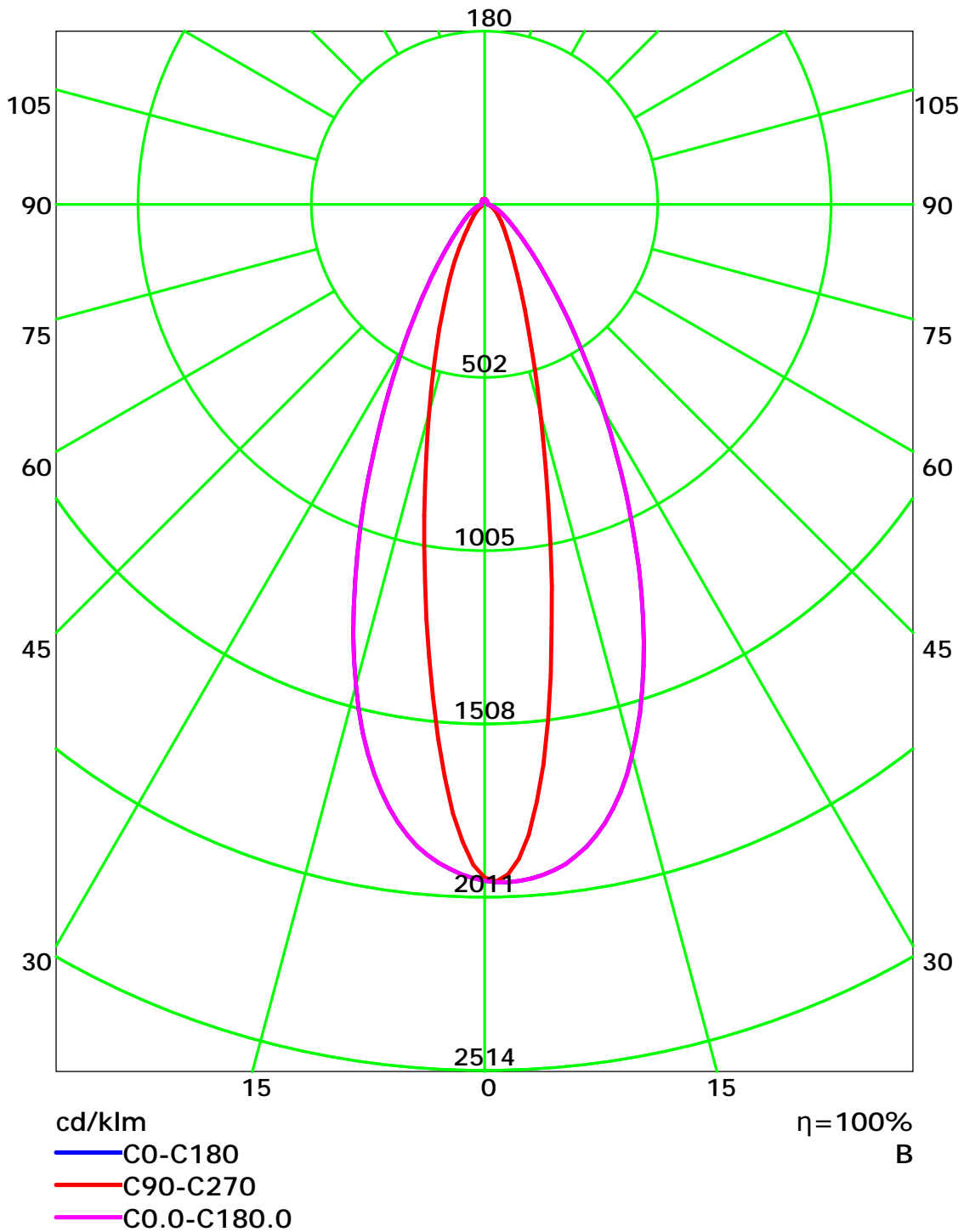


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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:

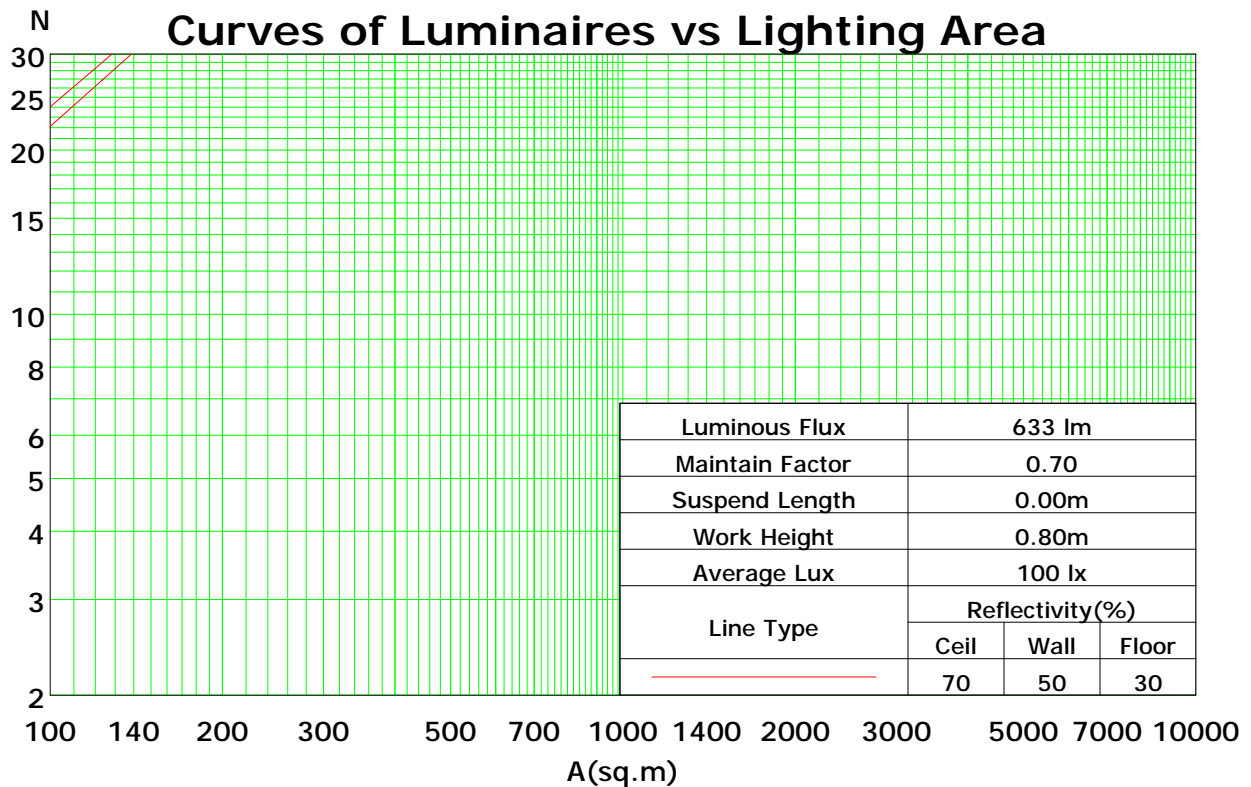
## Coefficients Of Utilization - Zonal Cavity Method

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	111	107	104	102	107	105	102	100	99	97	95	94	93	91	90	88	87	85
2	104	99	94	91	101	97	92	89	92	89	86	88	85	83	84	82	80	78
3	99	92	86	82	96	90	85	81	86	82	78	83	79	76	79	77	74	72
4	93	85	79	75	91	84	78	74	81	76	72	78	74	71	75	72	69	67
5	89	80	74	69	87	78	73	68	76	71	67	73	69	66	71	68	65	63
6	84	75	69	64	82	74	68	64	72	67	63	69	65	62	68	64	61	59
7	80	71	65	60	79	70	64	60	68	63	59	66	62	58	64	60	57	56
8	77	67	61	57	75	66	60	56	64	59	56	63	58	55	61	57	54	53
9	73	64	58	54	72	63	57	53	61	56	53	60	55	52	59	55	52	50
10	70	61	55	51	69	60	54	51	59	54	50	57	53	50	56	52	49	48

Spacing Criteria (0-180): 0.74

Spacing Criteria (90-270): 0.37

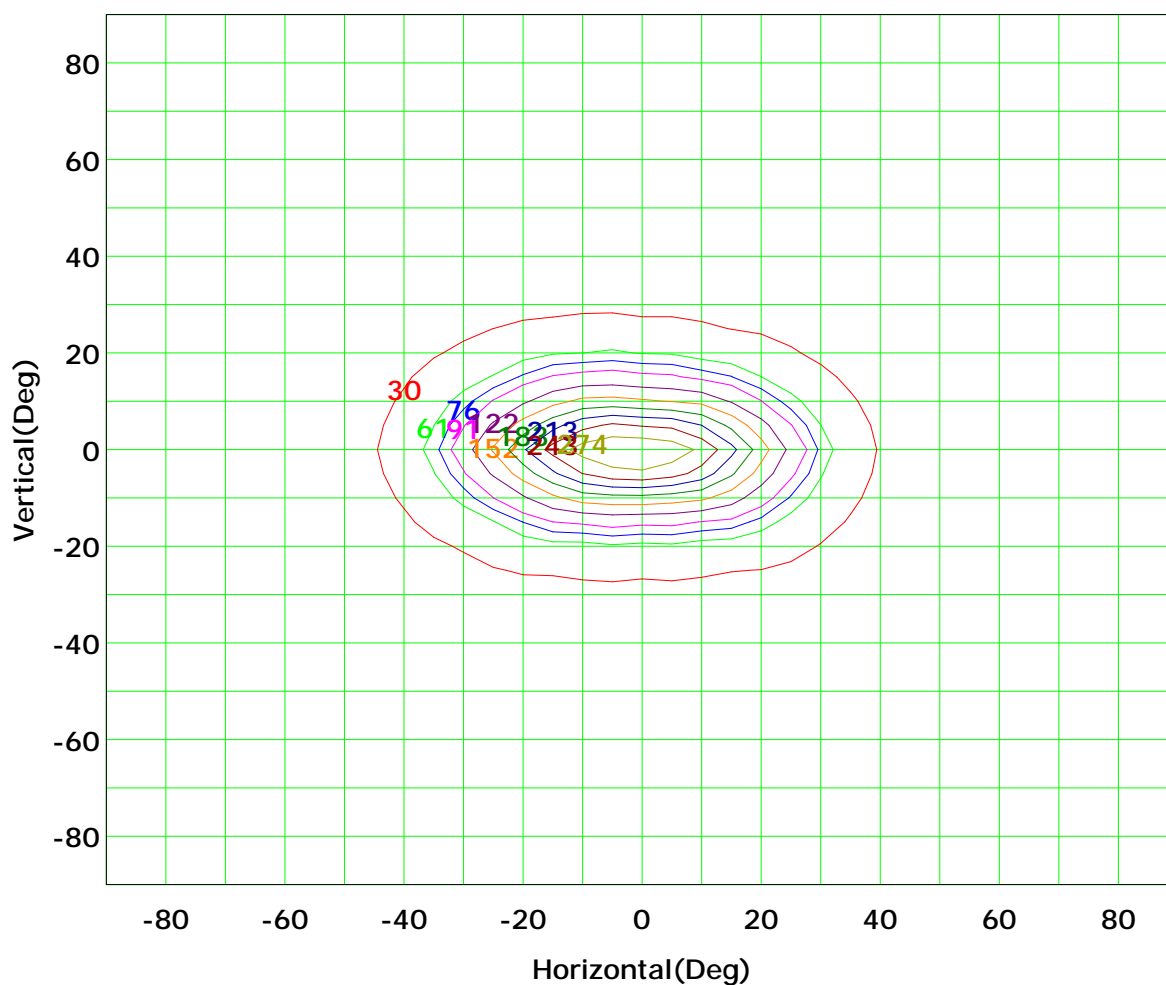
Spacing Criteria (Diagonal): 0.52



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)



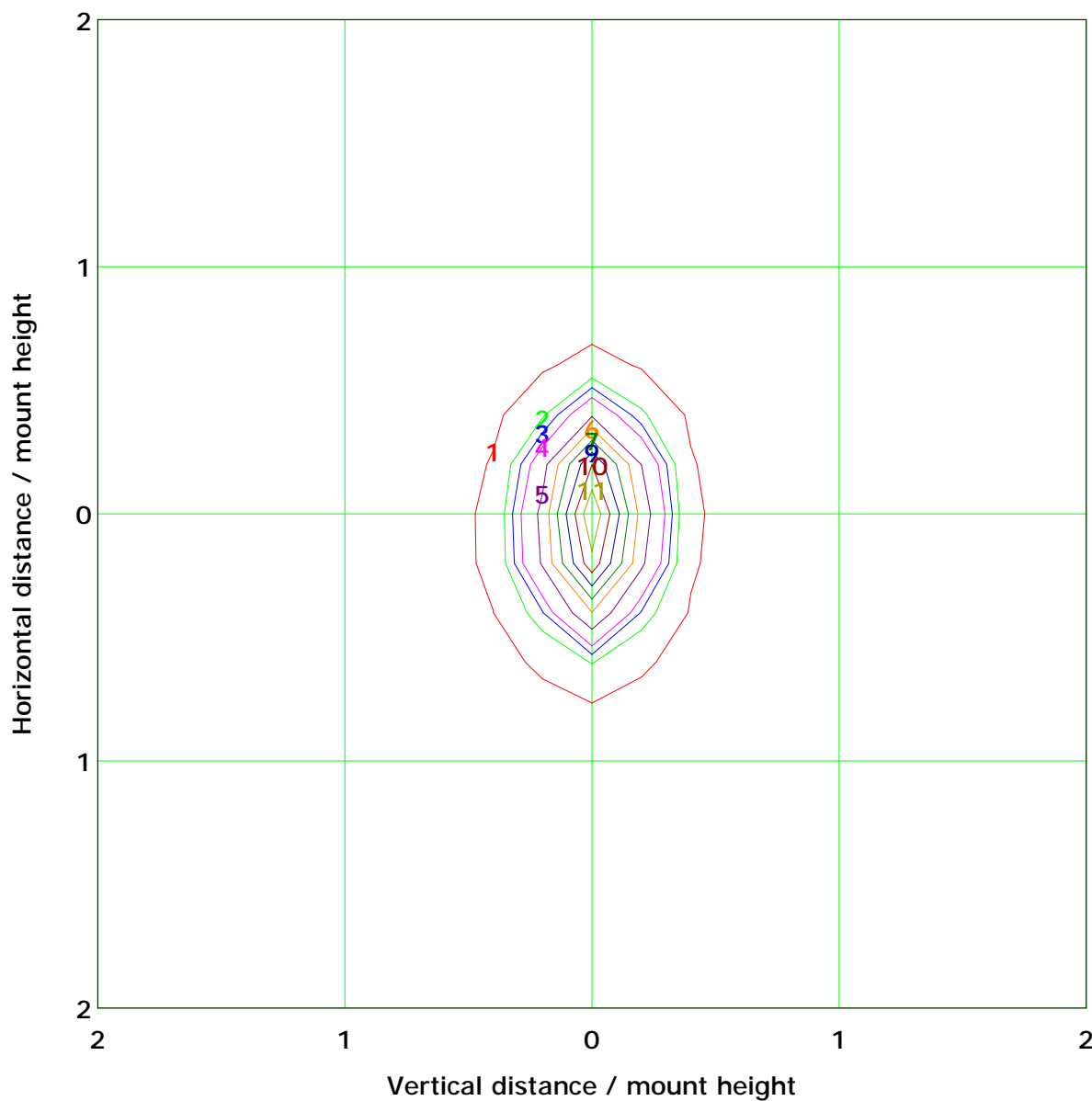
I<sub>max</sub> (100%): 304 cd

( 10%): 30 cd	( 20%): 61 cd
( 25%): 76 cd	( 30%): 91 cd
( 40%): 122 cd	( 50%): 152 cd
( 60%): 183 cd	( 70%): 213 cd
( 80%): 243 cd	( 90%): 274 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%): 12.2 lx	
( 10%): 1.2 lx	( 20%): 2.4 lx
( 25%): 3.0 lx	( 30%): 3.6 lx
( 40%): 4.9 lx	( 50%): 6.1 lx
( 60%): 7.3 lx	( 70%): 8.5 lx
( 80%): 9.7 lx	( 90%): 10.9 lx

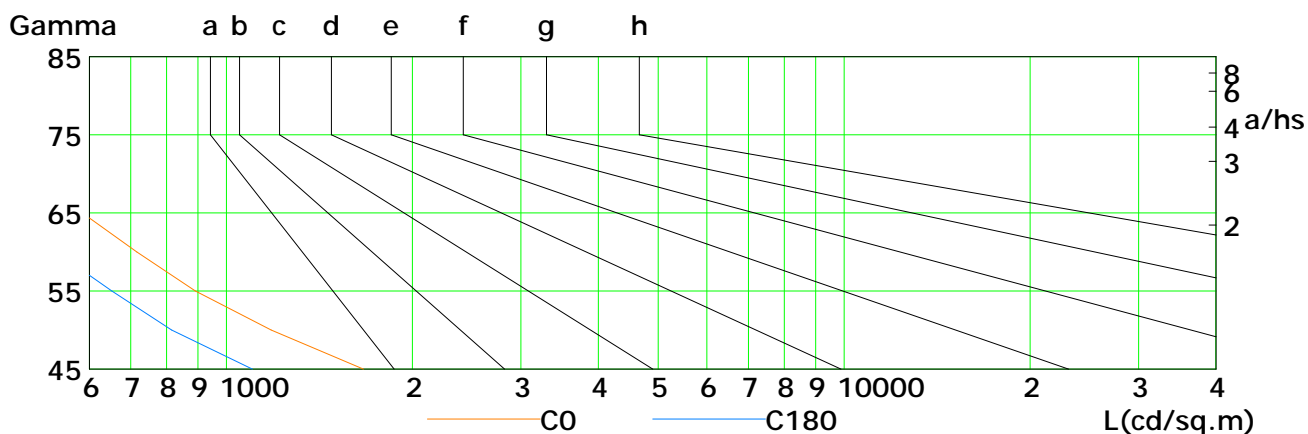
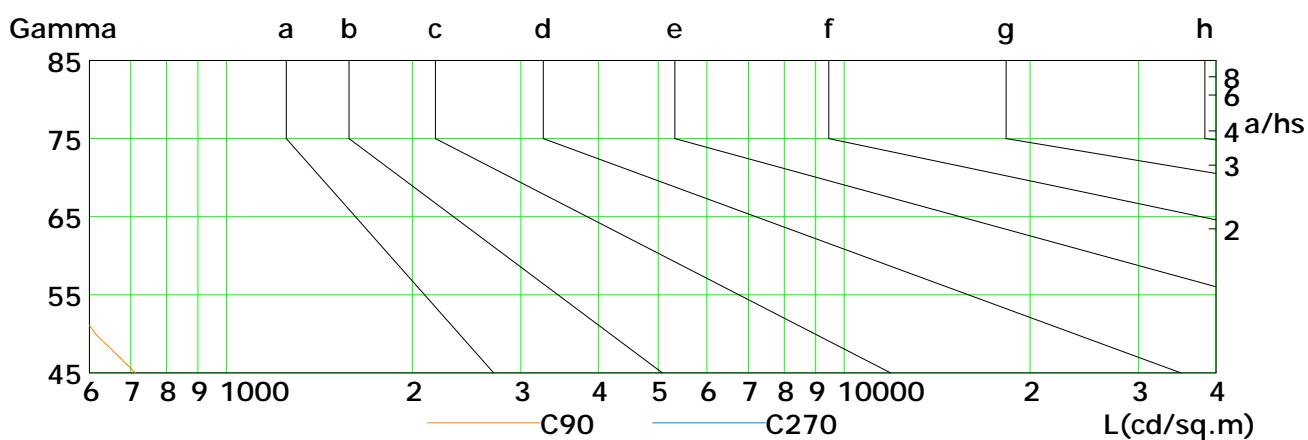
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

## 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

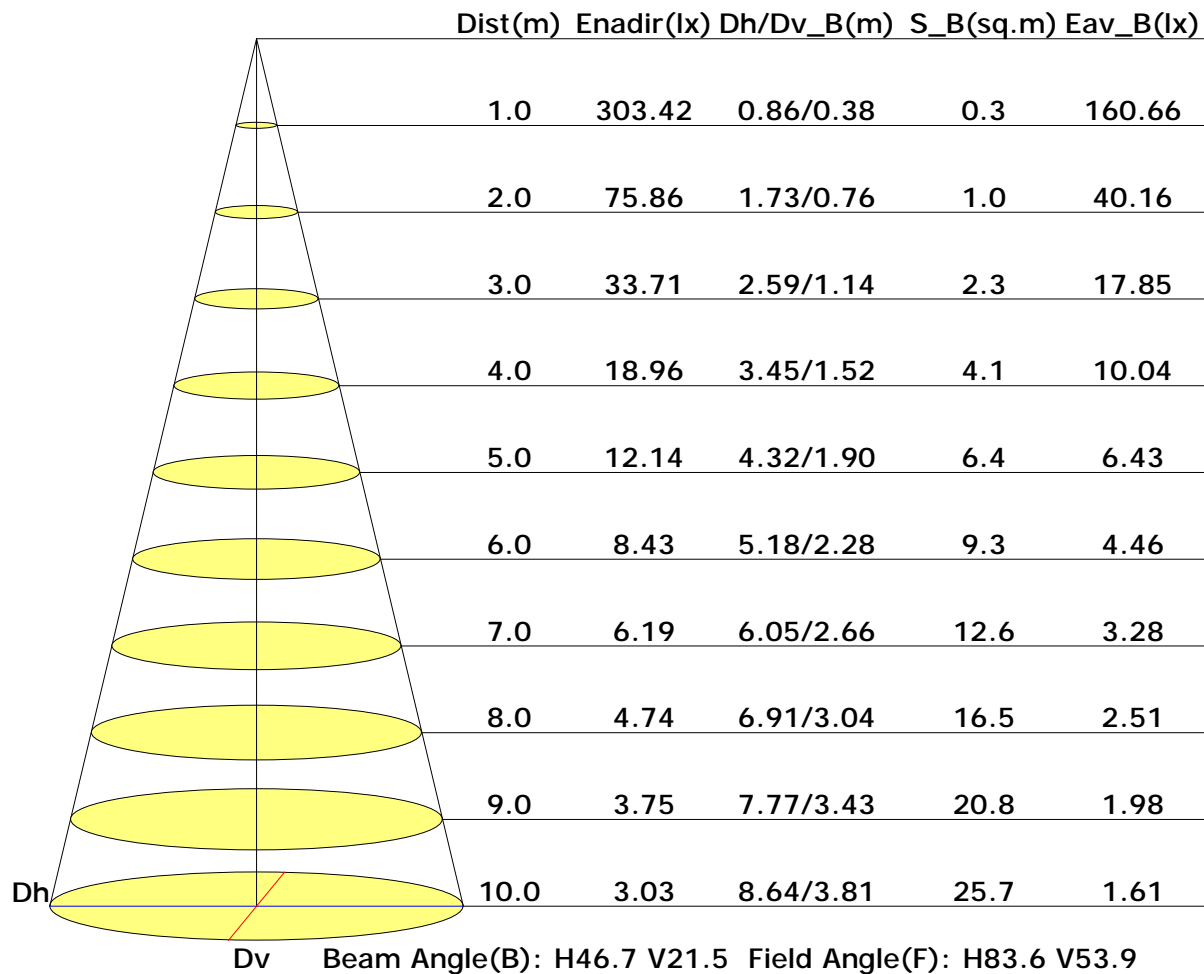


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1668	1182	891	716	585	474	389	297	246
C90	713	614	554	505	469	447	434	468	579
C180	1102	815	653	531	445	365	285	224	216
C270	465	371	276	185	178	203	267	339	539

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



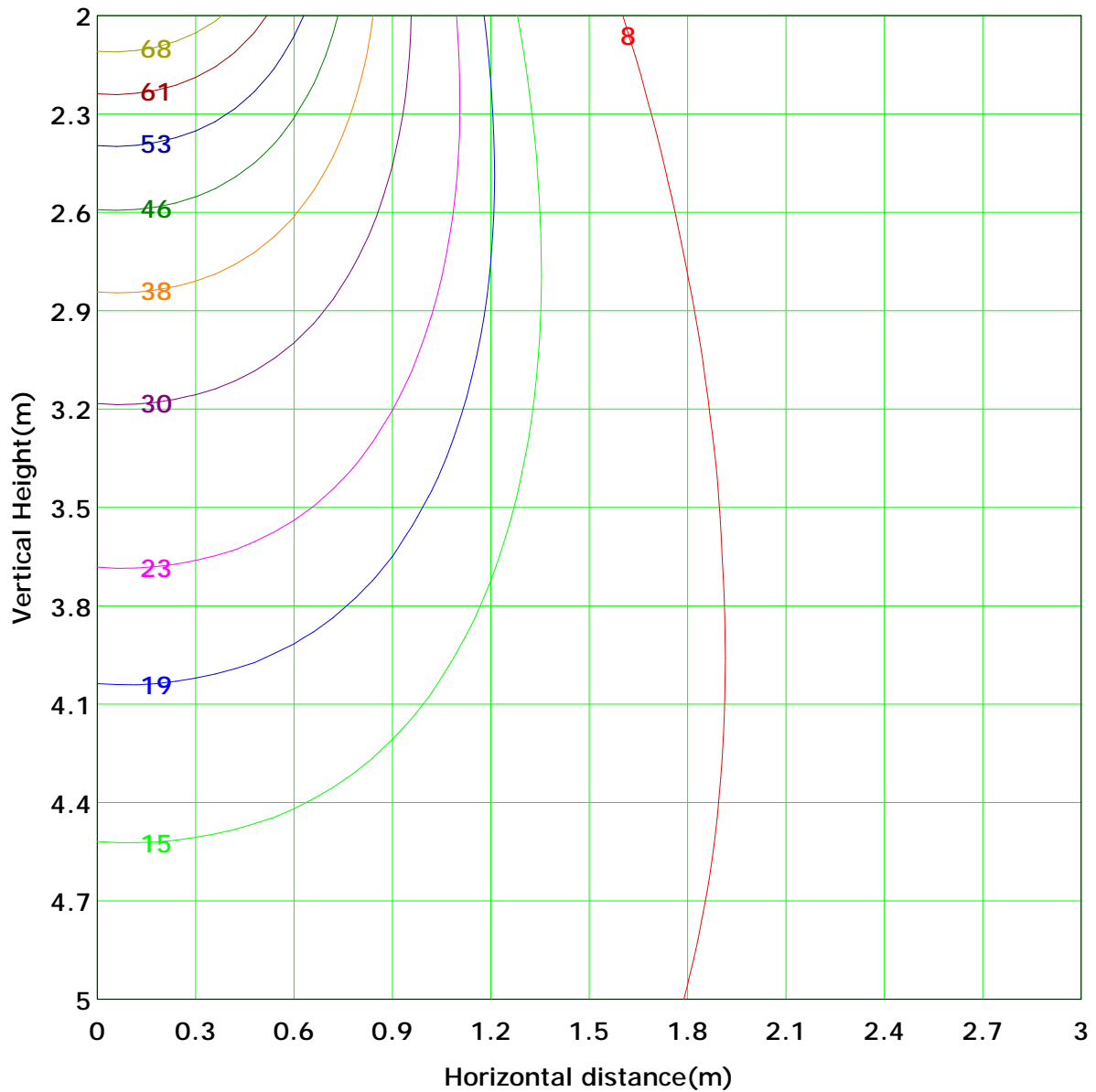
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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: 76.0 lx
( 10%): 7.6 lx	( 20%): 15.2 lx	
( 25%): 19.0 lx	( 30%): 22.8 lx	
( 40%): 30.4 lx	( 50%): 38.0 lx	
( 60%): 45.6 lx	( 70%): 53.2 lx	
( 80%): 60.8 lx	( 90%): 68.4 lx	

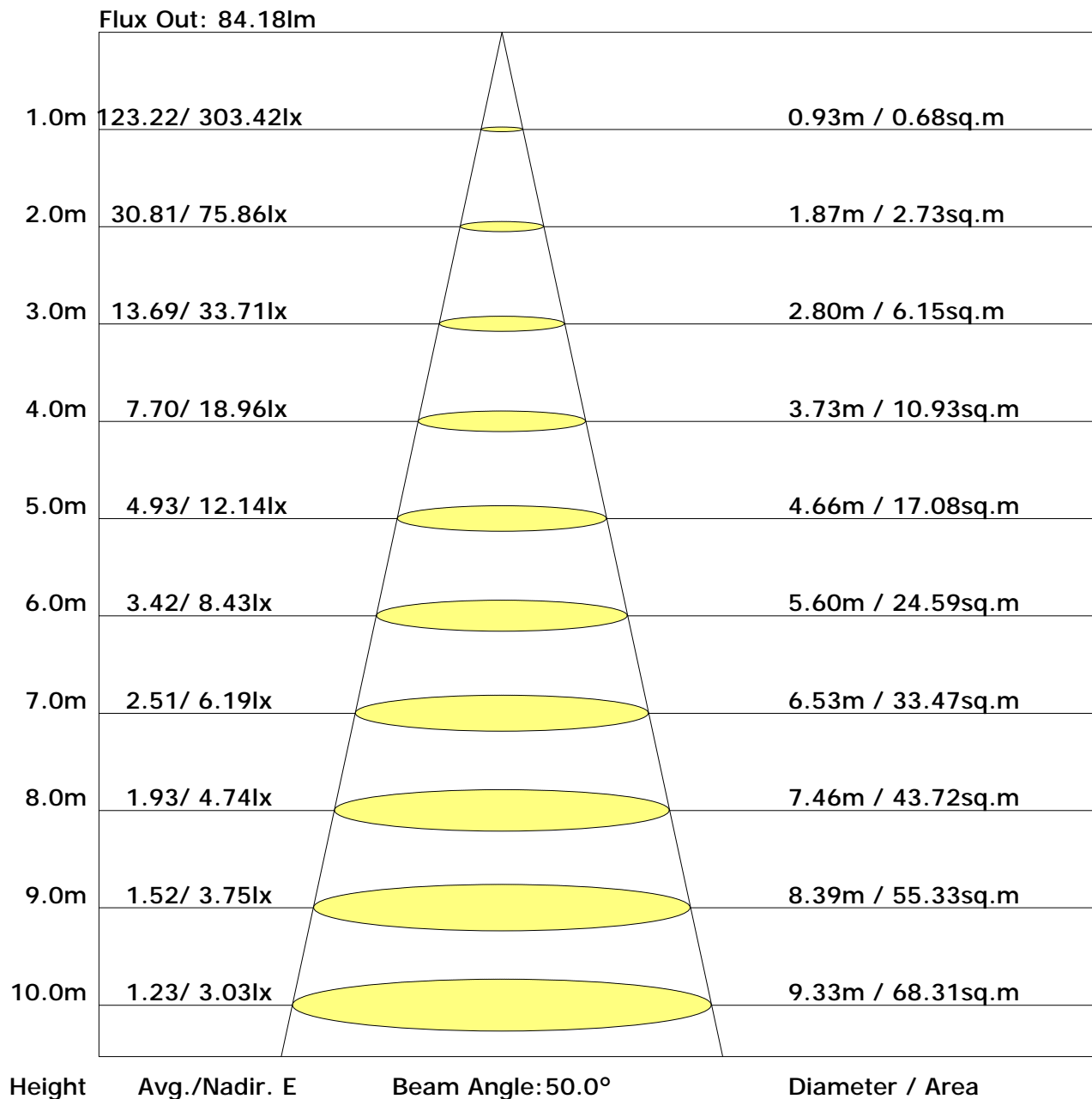
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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	14.2	15.3	14.7	15.7	16.2	11.1	12.2	11.6	12.6	13.1
3H	15.7	16.6	16.2	17.1	17.7	12.5	13.5	13.1	14.0	14.5
4H	16.3	17.2	16.8	17.7	18.2	13.1	14.0	13.6	14.5	15.0
6H	16.8	17.6	17.3	18.1	18.7	13.6	14.4	14.1	14.9	15.5
8H	17.0	17.7	17.5	18.3	18.8	13.8	14.6	14.4	15.1	15.7
12H	17.2	17.9	17.7	18.4	19.0	14.1	14.8	14.6	15.3	15.9
X=4H Y=2H	14.2	15.1	14.8	15.6	16.1	11.8	12.7	12.4	13.2	13.8
3H	15.9	16.6	16.4	17.1	17.7	13.4	14.2	14.0	14.7	15.3
4H	16.6	17.2	17.2	17.8	18.4	14.1	14.7	14.7	15.3	15.9
6H	17.2	17.8	17.8	18.3	19.0	14.7	15.3	15.3	15.9	16.5
8H	17.5	18.0	18.1	18.6	19.2	15.0	15.5	15.6	16.1	16.7
12H	17.8	18.2	18.4	18.8	19.5	15.3	15.8	15.9	16.4	17.0
X=8H Y=4H	16.6	17.1	17.2	17.7	18.3	14.5	15.0	15.1	15.6	16.2
6H	17.3	17.8	17.9	18.4	19.0	15.2	15.7	15.9	16.3	16.9
8H	17.7	18.1	18.3	18.7	19.4	15.6	16.0	16.3	16.6	17.3
12H	18.1	18.4	18.7	19.0	19.8	16.1	16.4	16.7	17.0	17.7
X=12H Y=4H	16.6	17.0	17.2	17.6	18.3	14.5	15.0	15.1	15.6	16.2
6H	17.3	17.7	18.0	18.3	19.0	15.4	15.7	16.0	16.3	17.0
8H	17.7	18.1	18.4	18.7	19.4	15.8	16.2	16.5	16.8	17.5

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	0.78	0.85	0.90	0.93	0.97	1.00	1.03	1.05	1.07
	0.30		0.73	0.80	0.85	0.88	0.93	0.97	0.99	1.03	1.05
	0.20		0.69	0.76	0.81	0.85	0.90	0.94	0.96	1.00	1.03
0.50	0.50	0.20	0.76	0.82	0.86	0.89	0.93	0.96	0.98	1.00	1.02
	0.30		0.72	0.78	0.82	0.86	0.90	0.93	0.95	0.98	1.00
	0.20		0.68	0.75	0.79	0.83	0.87	0.91	0.93	0.96	0.98
0.30	0.50	0.20	0.74	0.80	0.84	0.86	0.90	0.92	0.94	0.95	0.97
	0.30		0.71	0.76	0.80	0.83	0.87	0.90	0.91	0.94	0.95
	0.20		0.68	0.73	0.78	0.81	0.85	0.88	0.90	0.92	0.94
0.00	0.00	0.00	0.65	0.71	0.74	0.77	0.80	0.83	0.84	0.86	0.88
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	0.65	0.54	0.46	0.40	0.32	0.26	0.23	0.18	0.15	
	0.30		0.55	0.46	0.40	0.35	0.29	0.24	0.21	0.17	0.14	
	0.20		0.47	0.40	0.35	0.32	0.26	0.22	0.20	0.16	0.13	
0.50	0.50	0.20	0.61	0.50	0.42	0.37	0.29	0.28	0.21	0.16	0.13	
	0.30		0.52	0.43	0.37	0.33	0.27	0.22	0.19	0.15	0.13	
	0.20		0.45	0.38	0.33	0.30	0.24	0.21	0.18	0.14	0.12	
0.30	0.50	0.20	0.57	0.46	0.39	0.34	0.27	0.22	0.19	0.15	0.12	
	0.30		0.49	0.41	0.35	0.30	0.25	0.21	0.18	0.14	0.12	
	0.20		0.43	0.36	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
0.00	0.00	0.00	0.29	0.24	0.20	0.17	0.14	0.12	0.10	0.08	0.06	
<p>Rating: 10W 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 = 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	0.20	0.22	0.23	0.24	0.25	0.26	0.27	0.27	0.28
	0.30		0.16	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.26
	0.20		0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.24	0.25
0.50	0.50	0.20	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.27
	0.30		0.16	0.17	0.19	0.20	0.21	0.23	0.23	0.25	0.25
	0.20		0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.24
0.30	0.50	0.20	0.19	0.21	0.22	0.22	0.23	0.24	0.25	0.25	0.26
	0.30		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.24
	0.20		0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23
0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
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	302.5	0.3	0.3	0.19	0.19
1.0-2.0	300.1	0.9	1.2	0.56	0.74
2.0-3.0	295.5	1.4	2.6	0.91	1.66
3.0-4.0	288.8	1.9	4.5	1.25	2.91
4.0-5.0	280.3	2.4	6.9	1.56	4.47
5.0-6.0	270.3	2.8	9.8	1.84	6.31
6.0-7.0	259.1	3.2	13.0	2.08	8.39
7.0-8.0	247.0	3.5	16.5	2.29	10.68
8.0-9.0	234.2	3.8	20.3	2.46	13.14
9.0-10.0	221.2	4.0	24.3	2.59	15.73
10.0-11.0	208.2	4.2	28.5	2.69	18.42
11.0-12.0	195.1	4.3	32.7	2.76	21.18
12.0-13.0	182.5	4.3	37.1	2.80	23.99
13.0-14.0	170.3	4.4	41.4	2.82	26.81
14.0-15.0	158.4	4.4	45.8	2.82	29.62
15.0-16.0	147.2	4.3	50.1	2.79	32.41
16.0-17.0	136.6	4.3	54.3	2.75	35.17
17.0-18.0	126.4	4.2	58.5	2.70	37.87
18.0-19.0	116.8	4.1	62.6	2.63	40.50
19.0-20.0	107.8	3.9	66.5	2.56	43.05
20.0-21.0	99.4	3.8	70.3	2.47	45.52
21.0-22.0	91.6	3.7	74.0	2.38	47.90
22.0-23.0	84.3	3.5	77.6	2.29	50.19
23.0-24.0	77.5	3.4	80.9	2.19	52.39
24.0-25.0	71.2	3.2	84.2	2.10	54.48
25.0-26.0	65.4	3.1	87.3	2.00	56.48
26.0-27.0	60.1	2.9	90.2	1.90	58.38
27.0-28.0	55.1	2.8	93.0	1.81	60.19
28.0-29.0	50.6	2.6	95.6	1.71	61.90
29.0-30.0	46.5	2.5	98.2	1.63	63.53
30.0-31.0	42.7	2.4	100.5	1.54	65.07
31.0-32.0	39.2	2.2	102.8	1.45	66.52
32.0-33.0	36.0	2.1	104.9	1.37	67.90
33.0-34.0	33.1	2.0	106.9	1.30	69.19
34.0-35.0	30.4	1.9	108.8	1.22	70.41
35.0-36.0	28.0	1.8	110.6	1.15	71.57

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	25.8	1.7	112.3	1.09	72.66
37.0-38.0	23.8	1.6	113.8	1.03	73.68
38.0-39.0	22.0	1.5	115.3	0.97	74.66
39.0-40.0	20.4	1.4	116.8	0.92	75.58
40.0-41.0	18.9	1.3	118.1	0.87	76.45
41.0-42.0	17.6	1.3	119.4	0.83	77.27
42.0-43.0	16.4	1.2	120.6	0.79	78.06
43.0-44.0	15.3	1.2	121.8	0.75	78.81
44.0-45.0	14.3	1.1	122.9	0.71	79.52
45.0-46.0	13.4	1.0	123.9	0.68	80.20
46.0-47.0	12.6	1.0	124.9	0.65	80.84
47.0-48.0	11.8	1.0	125.9	0.62	81.46
48.0-49.0	11.1	0.9	126.8	0.59	82.05
49.0-50.0	10.4	0.9	127.6	0.56	82.61
50.0-51.0	9.8	0.8	128.5	0.54	83.15
51.0-52.0	9.2	0.8	129.3	0.51	83.66
52.0-53.0	8.7	0.8	130.0	0.49	84.16
53.0-54.0	8.2	0.7	130.7	0.47	84.62
54.0-55.0	7.8	0.7	131.4	0.45	85.07
55.0-56.0	7.3	0.7	132.1	0.43	85.50
56.0-57.0	6.9	0.6	132.7	0.41	85.91
57.0-58.0	6.5	0.6	133.3	0.39	86.30
58.0-59.0	6.2	0.6	133.9	0.38	86.68
59.0-60.0	5.9	0.6	134.5	0.36	87.04
60.0-61.0	5.5	0.5	135.0	0.34	87.38
61.0-62.0	5.2	0.5	135.5	0.33	87.71
62.0-63.0	5.0	0.5	136.0	0.31	88.02
63.0-64.0	4.7	0.5	136.5	0.30	88.32
64.0-65.0	4.5	0.4	136.9	0.29	88.60
65.0-66.0	4.3	0.4	137.3	0.27	88.88
66.0-67.0	4.1	0.4	137.7	0.26	89.14
67.0-68.0	3.8	0.4	138.1	0.25	89.40
68.0-69.0	3.6	0.4	138.5	0.24	89.64
69.0-70.0	3.4	0.4	138.8	0.23	89.87
70.0-71.0	3.3	0.3	139.2	0.22	90.09
71.0-72.0	3.1	0.3	139.5	0.21	90.29

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	2.9	0.3	139.8	0.20	90.49
73.0-74.0	2.8	0.3	140.1	0.19	90.68
74.0-75.0	2.6	0.3	140.4	0.18	90.86
75.0-76.0	2.5	0.3	140.7	0.17	91.04
76.0-77.0	2.4	0.3	140.9	0.16	91.20
77.0-78.0	2.3	0.2	141.1	0.16	91.36
78.0-79.0	2.2	0.2	141.4	0.15	91.51
79.0-80.0	2.1	0.2	141.6	0.14	91.65
80.0-81.0	2.0	0.2	141.8	0.14	91.79
81.0-82.0	1.9	0.2	142.0	0.13	91.92
82.0-83.0	1.8	0.2	142.2	0.13	92.04
83.0-84.0	1.7	0.2	142.4	0.12	92.17
84.0-85.0	1.7	0.2	142.6	0.12	92.29
85.0-86.0	1.7	0.2	142.8	0.12	92.40
86.0-87.0	1.6	0.2	142.9	0.12	92.52
87.0-88.0	1.6	0.2	143.1	0.11	92.63
88.0-89.0	1.6	0.2	143.3	0.11	92.75
89.0-90.0	1.6	0.2	143.5	0.11	92.86
90.0-91.0	1.6	0.2	143.6	0.11	92.97
91.0-92.0	1.6	0.2	143.8	0.11	93.09
92.0-93.0	1.6	0.2	144.0	0.11	93.20
93.0-94.0	1.6	0.2	144.2	0.11	93.31
94.0-95.0	1.6	0.2	144.3	0.11	93.42
95.0-96.0	1.6	0.2	144.5	0.11	93.53
96.0-97.0	1.6	0.2	144.7	0.11	93.64
97.0-98.0	1.6	0.2	144.9	0.11	93.76
98.0-99.0	1.6	0.2	145.0	0.11	93.87
99.0-100.0	1.6	0.2	145.2	0.11	93.98
100.0-101.0	1.6	0.2	145.4	0.11	94.09
101.0-102.0	1.6	0.2	145.5	0.11	94.20
102.0-103.0	1.6	0.2	145.7	0.11	94.30
103.0-104.0	1.6	0.2	145.9	0.11	94.41
104.0-105.0	1.6	0.2	146.0	0.11	94.52
105.0-106.0	1.6	0.2	146.2	0.11	94.63
106.0-107.0	1.6	0.2	146.4	0.11	94.73
107.0-108.0	1.6	0.2	146.5	0.11	94.84

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	1.6	0.2	146.7	0.11	94.94
109.0-110.0	1.6	0.2	146.9	0.11	95.05
110.0-111.0	1.6	0.2	147.0	0.10	95.15
111.0-112.0	1.6	0.2	147.2	0.10	95.26
112.0-113.0	1.6	0.2	147.3	0.10	95.36
113.0-114.0	1.6	0.2	147.5	0.10	95.46
114.0-115.0	1.6	0.2	147.7	0.10	95.57
115.0-116.0	1.6	0.2	147.8	0.10	95.67
116.0-117.0	1.6	0.2	148.0	0.10	95.77
117.0-118.0	1.6	0.2	148.1	0.10	95.87
118.0-119.0	1.6	0.2	148.3	0.10	95.97
119.0-120.0	1.6	0.2	148.4	0.10	96.07
120.0-121.0	1.6	0.2	148.6	0.10	96.17
121.0-122.0	1.6	0.2	148.7	0.10	96.27
122.0-123.0	1.6	0.2	148.9	0.10	96.37
123.0-124.0	1.6	0.2	149.0	0.10	96.47
124.0-125.0	1.7	0.2	149.2	0.10	96.56
125.0-126.0	1.7	0.1	149.3	0.10	96.66
126.0-127.0	1.7	0.1	149.5	0.10	96.75
127.0-128.0	1.7	0.1	149.6	0.09	96.85
128.0-129.0	1.7	0.1	149.8	0.09	96.94
129.0-130.0	1.7	0.1	149.9	0.09	97.04
130.0-131.0	1.7	0.1	150.1	0.09	97.13
131.0-132.0	1.8	0.1	150.2	0.09	97.23
132.0-133.0	1.8	0.1	150.4	0.09	97.32
133.0-134.0	1.8	0.1	150.5	0.09	97.41
134.0-135.0	1.8	0.1	150.6	0.09	97.50
135.0-136.0	1.8	0.1	150.8	0.09	97.59
136.0-137.0	1.8	0.1	150.9	0.09	97.68
137.0-138.0	1.8	0.1	151.1	0.09	97.77
138.0-139.0	1.9	0.1	151.2	0.09	97.86
139.0-140.0	1.9	0.1	151.3	0.09	97.94
140.0-141.0	1.9	0.1	151.5	0.09	98.03
141.0-142.0	1.9	0.1	151.6	0.09	98.12
142.0-143.0	2.0	0.1	151.7	0.08	98.20
143.0-144.0	2.0	0.1	151.9	0.08	98.28

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:

## 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	2.0	0.1	152.0	0.08	98.37
145.0-146.0	2.0	0.1	152.1	0.08	98.45
146.0-147.0	2.0	0.1	152.2	0.08	98.53
147.0-148.0	2.1	0.1	152.3	0.08	98.61
148.0-149.0	2.1	0.1	152.5	0.08	98.68
149.0-150.0	2.1	0.1	152.6	0.08	98.76
150.0-151.0	2.1	0.1	152.7	0.07	98.83
151.0-152.0	2.2	0.1	152.8	0.07	98.91
152.0-153.0	2.2	0.1	152.9	0.07	98.98
153.0-154.0	2.2	0.1	153.0	0.07	99.05
154.0-155.0	2.2	0.1	153.1	0.07	99.11
155.0-156.0	2.2	0.1	153.2	0.07	99.18
156.0-157.0	2.3	0.1	153.3	0.06	99.24
157.0-158.0	2.3	0.1	153.4	0.06	99.31
158.0-159.0	2.3	0.1	153.5	0.06	99.37
159.0-160.0	2.3	0.1	153.6	0.06	99.42
160.0-161.0	2.3	0.1	153.7	0.05	99.48
161.0-162.0	2.3	0.1	153.8	0.05	99.53
162.0-163.0	2.3	0.1	153.9	0.05	99.58
163.0-164.0	2.3	0.1	153.9	0.05	99.63
164.0-165.0	2.3	0.1	154.0	0.04	99.67
165.0-166.0	2.4	0.1	154.1	0.04	99.71
166.0-167.0	2.4	0.1	154.1	0.04	99.75
167.0-168.0	2.4	0.1	154.2	0.04	99.79
168.0-169.0	2.4	0.1	154.2	0.03	99.82
169.0-170.0	2.4	0.0	154.3	0.03	99.85
170.0-171.0	2.4	0.0	154.3	0.03	99.88
171.0-172.0	2.4	0.0	154.4	0.02	99.91
172.0-173.0	2.4	0.0	154.4	0.02	99.93
173.0-174.0	2.4	0.0	154.4	0.02	99.95
174.0-175.0	2.4	0.0	154.4	0.02	99.96
175.0-176.0	2.4	0.0	154.5	0.01	99.98
176.0-177.0	2.4	0.0	154.5	0.01	99.99
177.0-178.0	2.4	0.0	154.5	0.01	99.99
178.0-179.0	2.4	0.0	154.5	0.00	100.00
179.0-180.0	2.4	0.0	154.5	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: