

Report No.:

Test Time: 2022/4/20 10:58

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants C35 RIGID SW 8.8W/FT

Luminaire Description: Curved pendants C35 RIGID SW

Lamp Catalog: 1 ROW

Luminous Width (mm): 35

Voltage: 33.7 V

Power: 8.09 W

Luminous Length (mm): 300

Luminous Height (mm): 37.5

Current: 0.240 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 458.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H156.4,H99.9

Vertical Diffuse Angle(10%,50%): V156.6,V98.4

Luminaire Efficacy Rating (LER): 56.69

Max. Intensity: 186.34 cd

S/MH(C0/C180): 1.17

Total Rated Lamp Lumens: 458.2 lm

Efficiency: 100%

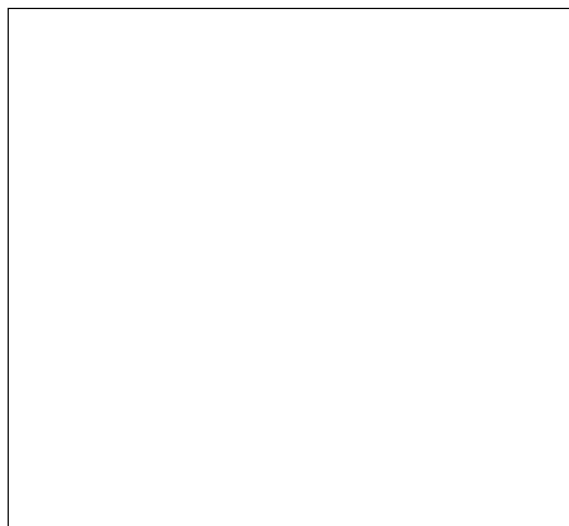
Upward Ratio: 0%

Central Intensity: 186.02 cd

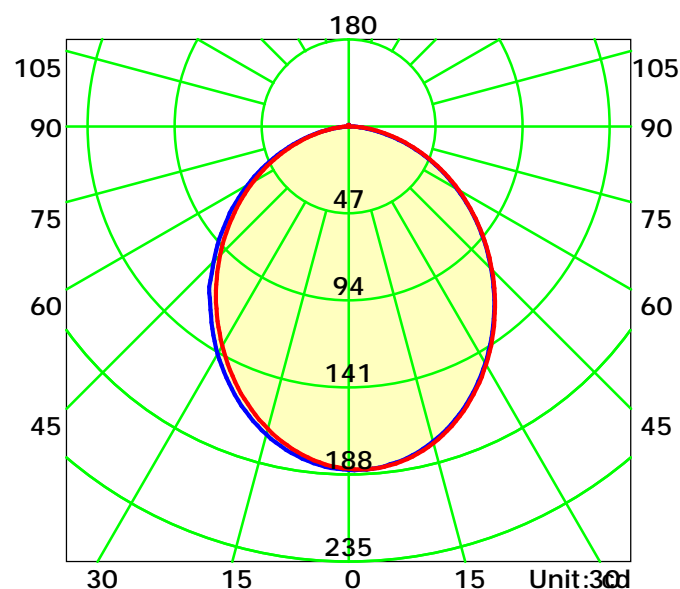
Pos of Max. Intensity: H30 V3

S/MH(C90/C270): 1.16

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 99.1°

— 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

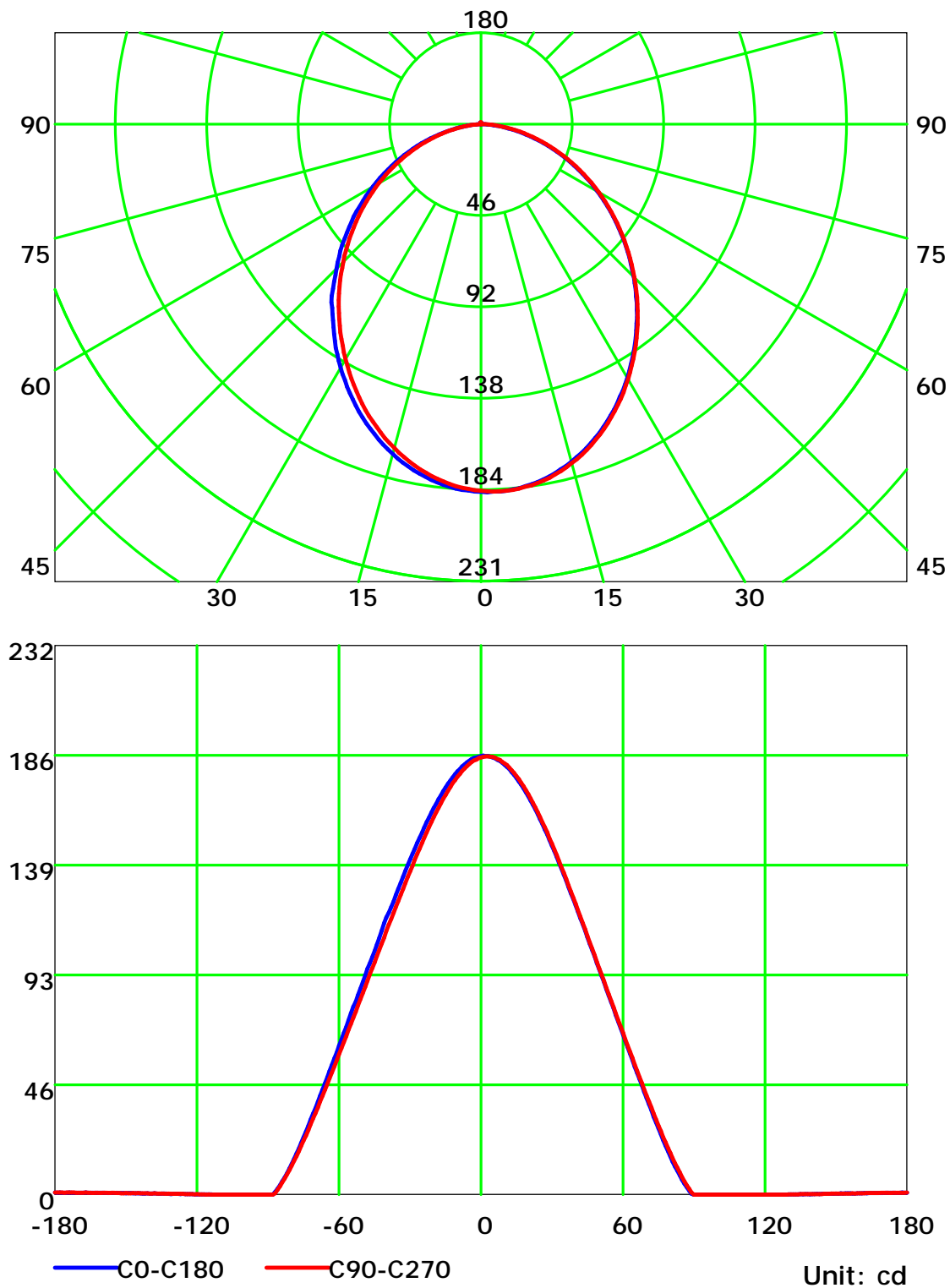
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

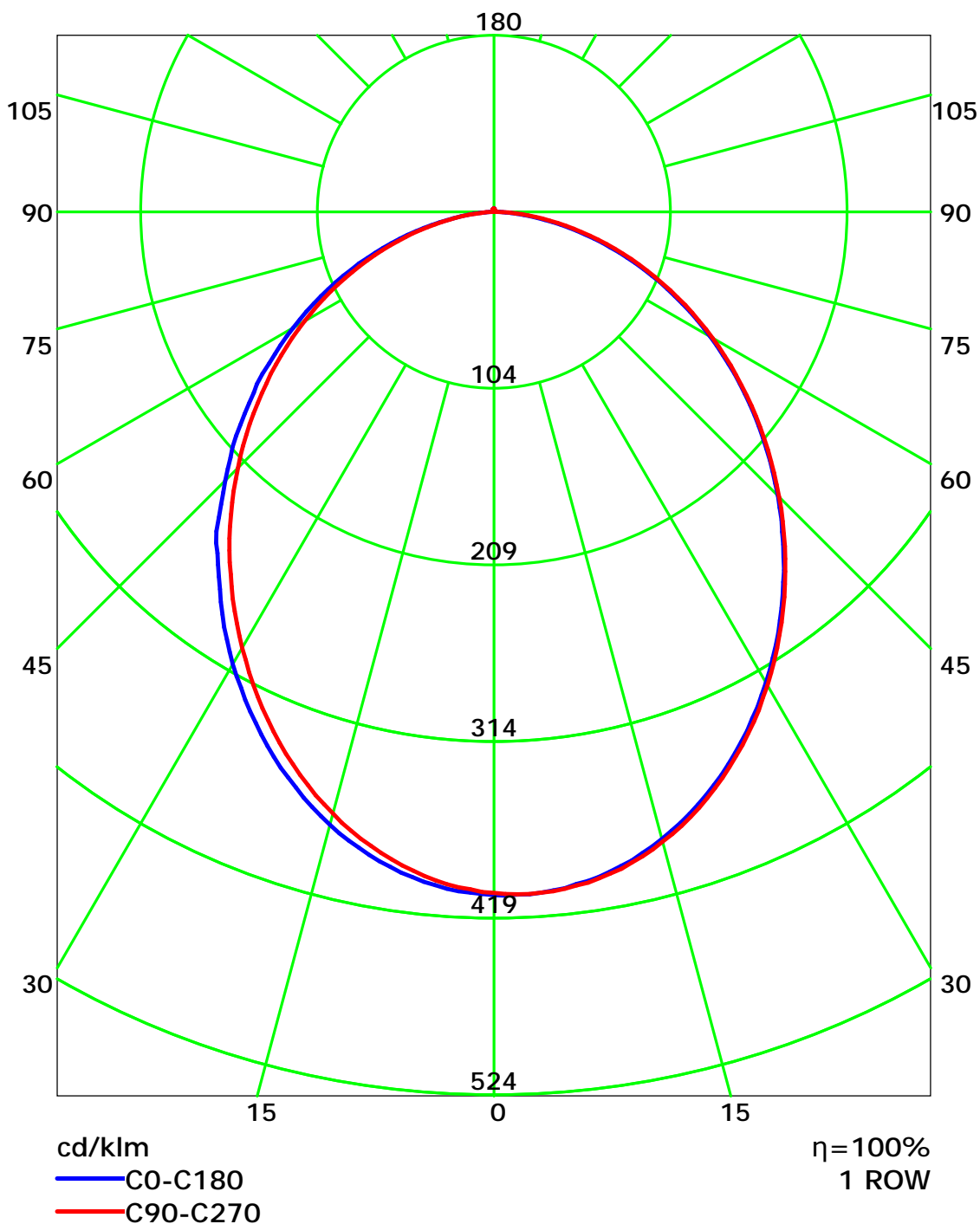
## Luminous Intensity Distribution Curve



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:

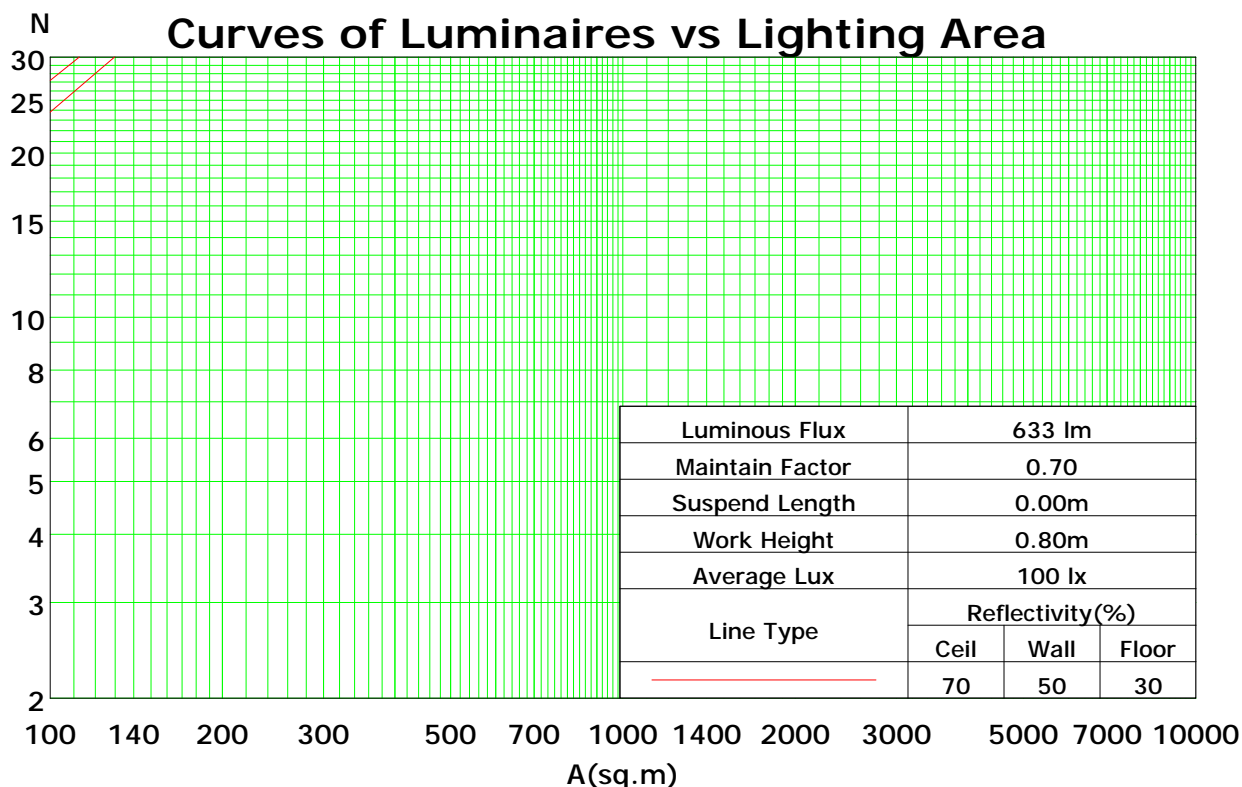
## Coefficients Of Utilization - Zonal Cavity Method

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	109	105	100	97	106	102	99	95	98	95	92	94	92	89	90	88	87	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	63	60
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	45	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

Spacing Criteria (0-180): 1.17

Spacing Criteria (90-270): 1.16

Spacing Criteria (Diagonal): 1.27



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

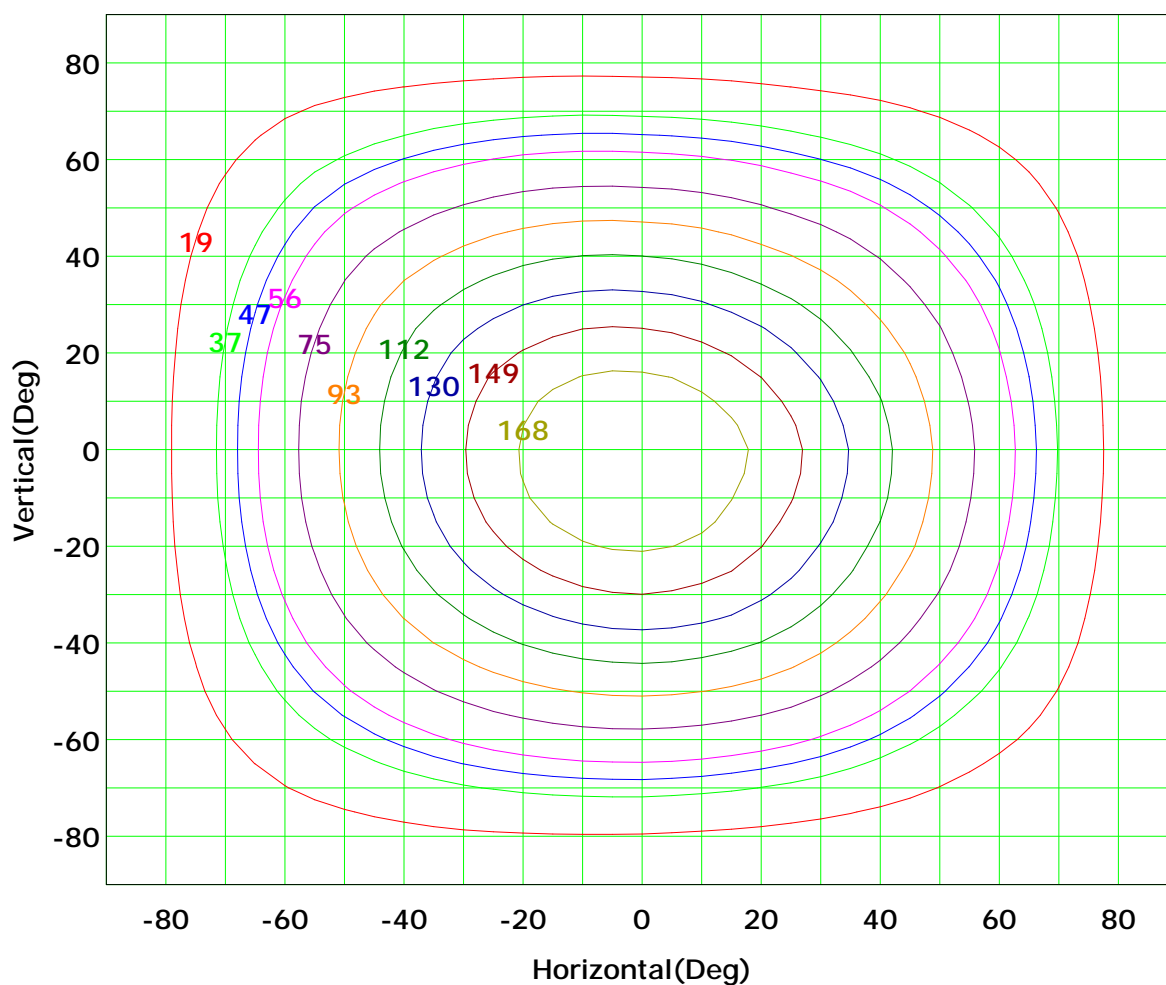
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



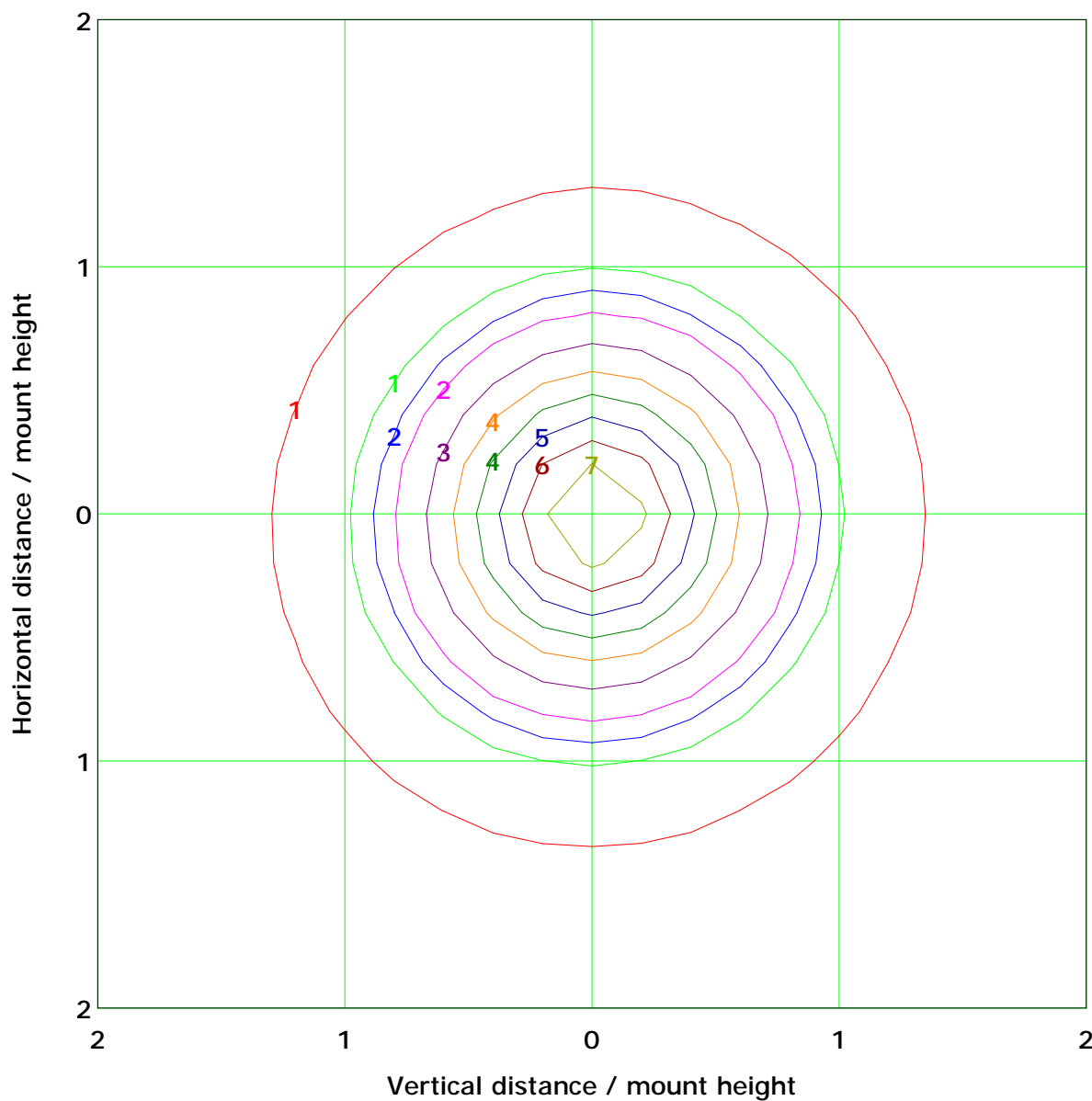
I<sub>max</sub> (100%): 186 cd

( 10%):	19 cd	( 20%):	37 cd
( 25%):	47 cd	( 30%):	56 cd
( 40%):	75 cd	( 50%):	93 cd
( 60%):	112 cd	( 70%):	130 cd
( 80%):	149 cd	( 90%):	168 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%): 7.4 lx

( 10%): 0.7 lx	( 20%): 1.5 lx
( 25%): 1.9 lx	( 30%): 2.2 lx
( 40%): 3.0 lx	( 50%): 3.7 lx
( 60%): 4.5 lx	( 70%): 5.2 lx
( 80%): 6.0 lx	( 90%): 6.7 lx

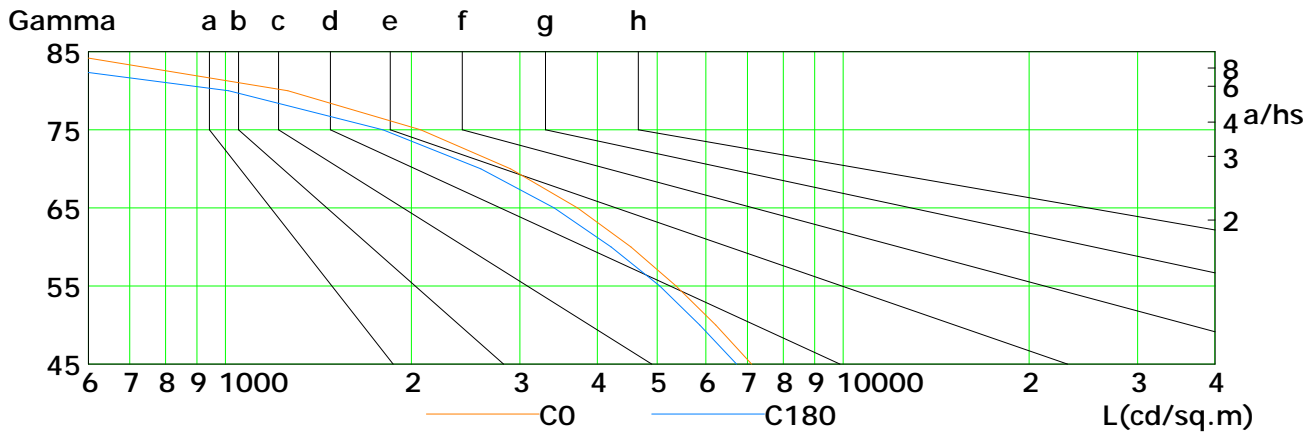
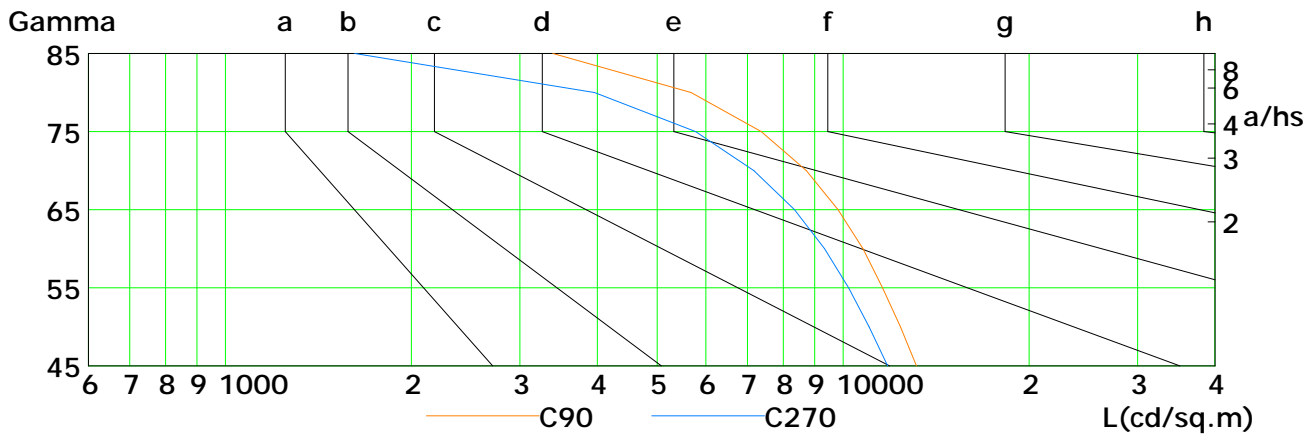
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

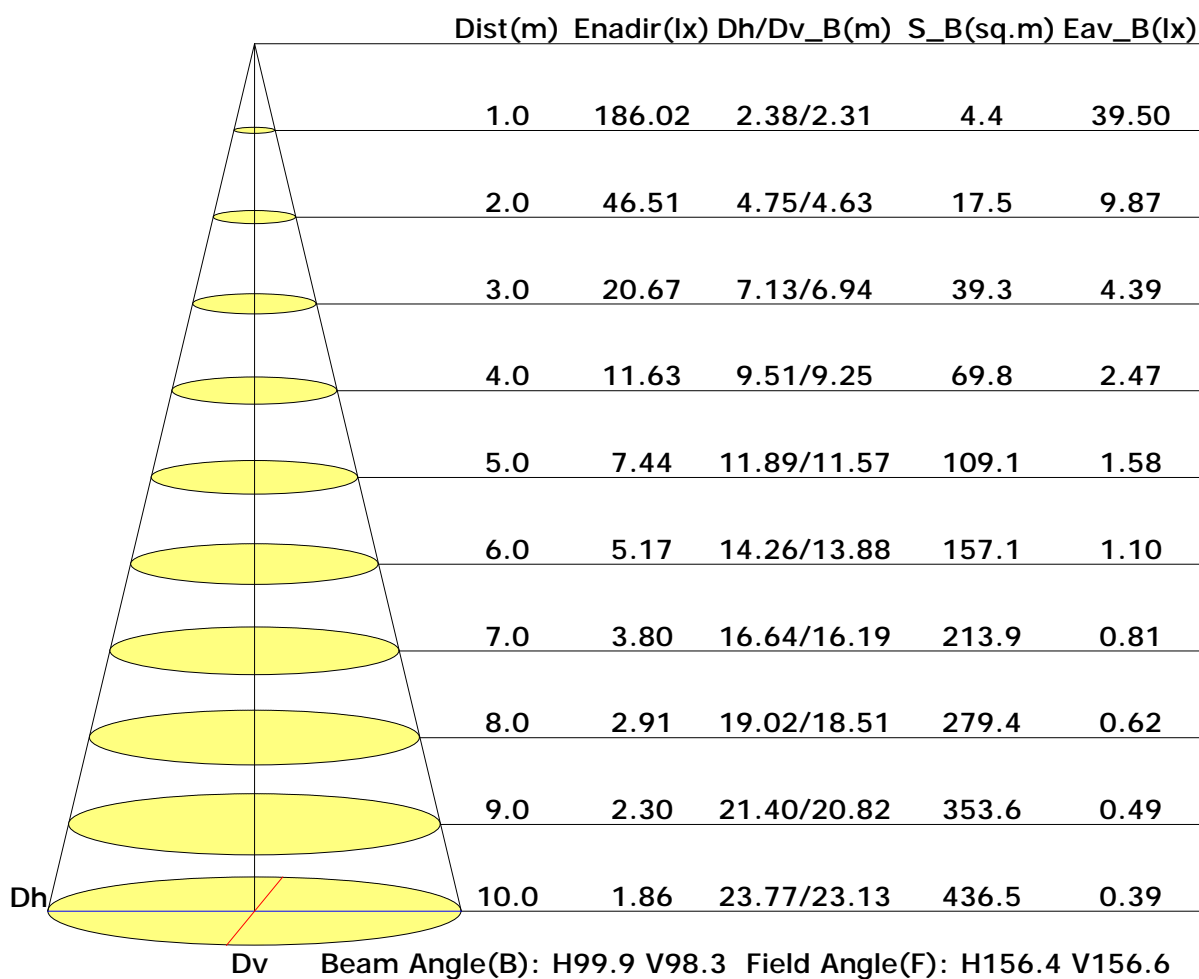


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	7109	6220	5367	4538	3716	2896	2072	1263	522
C90	13147	12383	11593	10768	9812	8720	7369	5674	3392
C180	6728	5863	5051	4214	3409	2591	1798	1013	335
C270	11808	11023	10216	9334	8345	7172	5771	3960	1620

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:

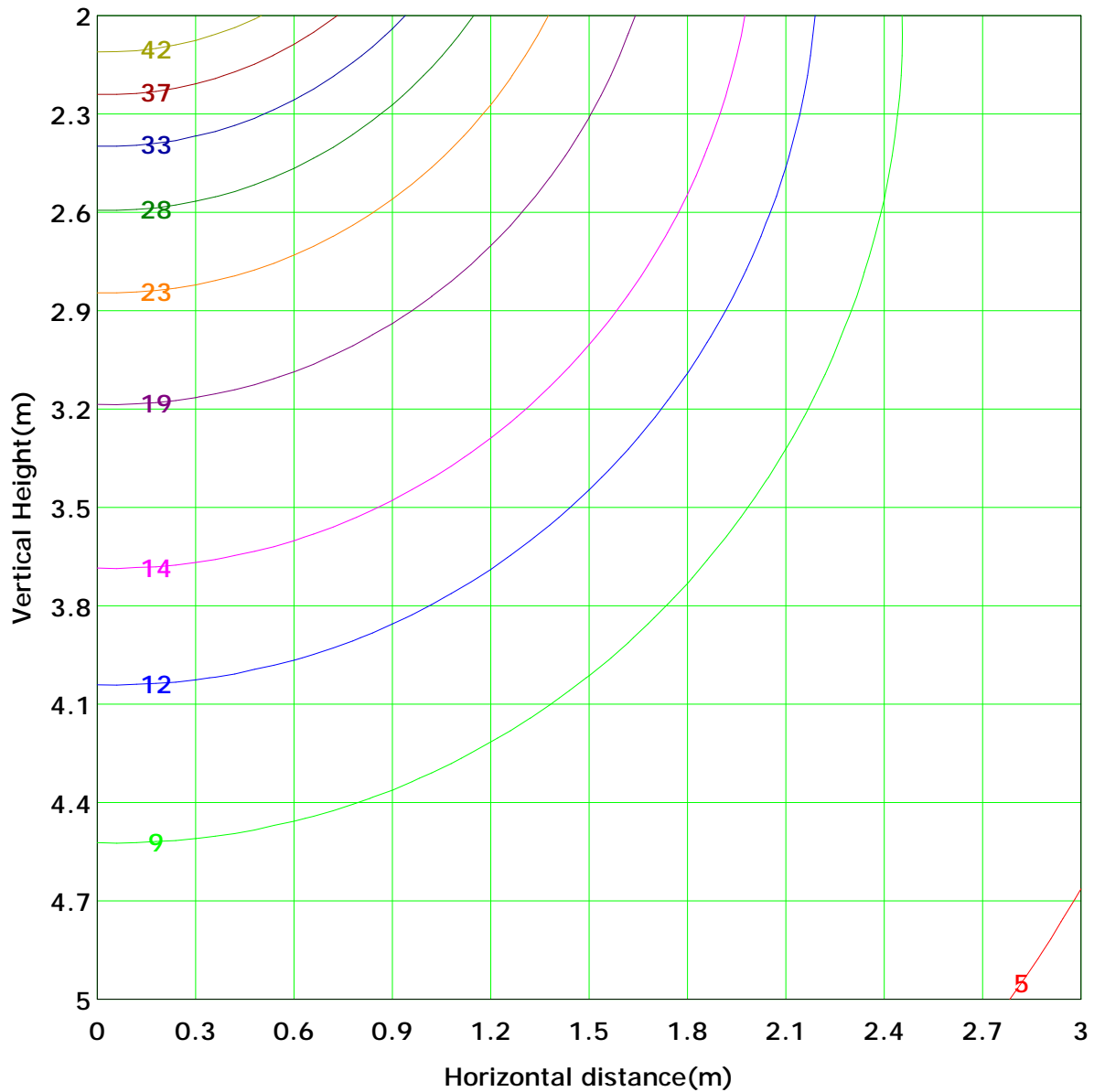
## Illuminance at a Distance



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: 46.5 lx
( 10%): 4.7 lx	( 20%): 9.3 lx	
( 25%): 11.6 lx	( 30%): 14.0 lx	
( 40%): 18.6 lx	( 50%): 23.3 lx	
( 60%): 27.9 lx	( 70%): 32.6 lx	
( 80%): 37.2 lx	( 90%): 41.9 lx	

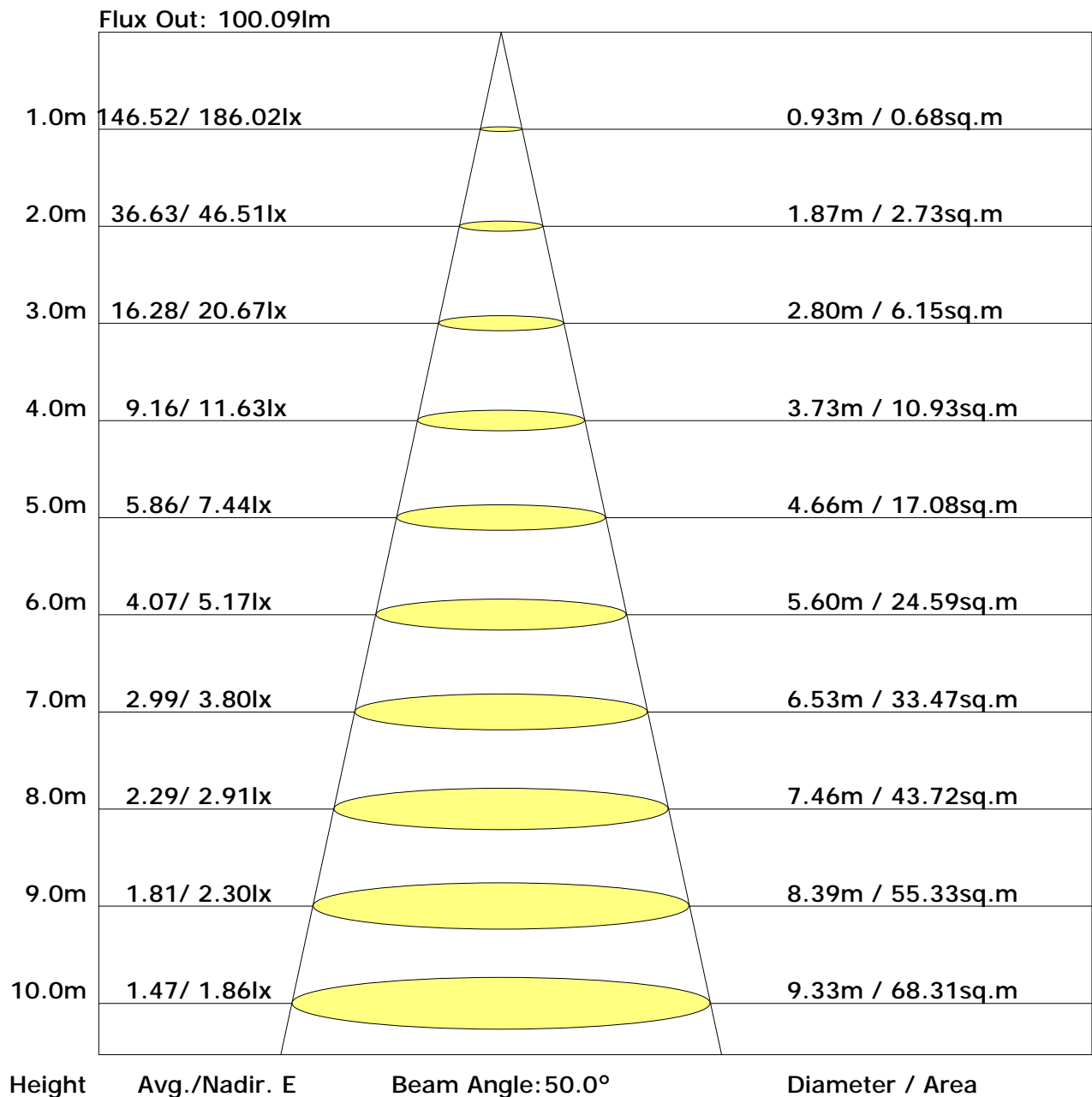
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.390 m  
Humidity: 60%  
Inspector:

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	18.6	20.0	18.9	20.2	20.4	19.8	21.1	20.1	21.4	21.6
3H	19.6	20.8	19.9	21.1	21.4	21.1	22.3	21.4	22.6	22.9
4H	19.9	21.1	20.3	21.4	21.7	21.6	22.7	21.9	23.0	23.3
6H	20.1	21.1	20.4	21.5	21.8	21.9	22.9	22.2	23.2	23.6
8H	20.1	21.1	20.5	21.5	21.8	21.9	23.0	22.3	23.3	23.6
12H	20.1	21.1	20.5	21.4	21.8	21.9	22.9	22.3	23.3	23.6
X=4H Y=2H	19.2	20.3	19.5	20.6	20.9	20.1	21.3	20.5	21.6	21.9
3H	20.3	21.3	20.7	21.7	22.0	21.6	22.6	22.0	22.9	23.2
4H	20.8	21.6	21.2	22.0	22.4	22.1	23.0	22.5	23.4	23.8
6H	21.0	21.8	21.4	22.2	22.6	22.5	23.3	22.9	23.7	24.1
8H	21.0	21.8	21.5	22.2	22.6	22.6	23.3	23.1	23.8	24.2
12H	21.1	21.7	21.5	22.1	22.6	22.7	23.3	23.1	23.8	24.2
X=8H Y=4H	21.0	21.7	21.4	22.1	22.5	22.2	23.0	22.7	23.4	23.8
6H	21.3	21.9	21.8	22.3	22.8	22.7	23.3	23.2	23.7	24.2
8H	21.4	21.9	21.9	22.3	22.8	22.8	23.4	23.3	23.8	24.3
12H	21.4	21.9	21.9	22.3	22.8	22.9	23.4	23.4	23.8	24.4
X=12H Y=4H	21.0	21.6	21.4	22.0	22.5	22.2	22.9	22.7	23.3	23.7
6H	21.3	21.8	21.8	22.3	22.8	22.7	23.2	23.2	23.7	24.2
8H	21.4	21.9	21.9	22.3	22.8	22.9	23.3	23.4	23.8	24.3
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.3					+0.2/-0.2				
S=1.5H	+0.4/-0.8					+0.3/-0.5				
S=2.0H	+0.8/-1.4					+0.9/-1.1				

Calculate in accordance with CIE Pub.117. The table is revised with 458lm ( $8\log(F/F_0) = -2.7$ ).

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	0.59	0.69	0.76	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.51	0.62	0.69	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.46	0.56	0.64	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.73	0.80	0.86	0.89	0.94	0.97
	0.20		0.46	0.56	0.63	0.68	0.76	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.56	0.65	0.72	0.76	0.83	0.87	0.90	0.94	0.96
	0.30		0.50	0.60	0.66	0.71	0.78	0.83	0.86	0.91	0.94
	0.20		0.45	0.55	0.62	0.67	0.75	0.80	0.84	0.89	0.92
0.00	0.00	0.00	0.43	0.53	0.59	0.64	0.71	0.76	0.79	0.84	0.87
<p>Rating:8W 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	0.96	0.79	0.67	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.80	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.59	0.52	0.46	0.38	0.33	0.28	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.44	0.40	0.31	0.24	0.20	
	0.30		0.78	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	0.32	0.27	0.22	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.54	0.42	0.35	0.30	0.23	0.19	
	0.30		0.77	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.26	0.21	0.17	
0.00	0.00	0.00	0.57	0.47	0.41	0.36	0.29	0.24	0.20	0.16	0.13	
Rating:8W 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	0.16	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.20
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.16	0.17	0.18
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<p>Rating:8W 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>											

## 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	185.5	0.2	0.2	0.04	0.04
1.0-2.0	185.3	0.5	0.7	0.12	0.15
2.0-3.0	185.2	0.9	1.6	0.19	0.35
3.0-4.0	184.9	1.2	2.8	0.27	0.62
4.0-5.0	184.4	1.6	4.4	0.35	0.96
5.0-6.0	183.9	1.9	6.4	0.42	1.39
6.0-7.0	183.2	2.3	8.6	0.50	1.88
7.0-8.0	182.5	2.6	11.2	0.57	2.45
8.0-9.0	181.7	2.9	14.2	0.64	3.10
9.0-10.0	180.8	3.3	17.5	0.71	3.81
10.0-11.0	179.8	3.6	21.0	0.78	4.59
11.0-12.0	178.6	3.9	25.0	0.85	5.45
12.0-13.0	177.4	4.2	29.2	0.92	6.37
13.0-14.0	176.1	4.5	33.7	0.98	7.35
14.0-15.0	174.7	4.8	38.5	1.05	8.40
15.0-16.0	173.2	5.1	43.5	1.11	9.50
16.0-17.0	171.6	5.3	48.9	1.17	10.67
17.0-18.0	170.0	5.6	54.5	1.22	11.89
18.0-19.0	168.3	5.9	60.3	1.28	13.17
19.0-20.0	166.4	6.1	66.4	1.33	14.50
20.0-21.0	164.6	6.3	72.8	1.38	15.88
21.0-22.0	162.6	6.5	79.3	1.43	17.31
22.0-23.0	160.6	6.7	86.0	1.47	18.78
23.0-24.0	158.6	6.9	93.0	1.51	20.29
24.0-25.0	156.4	7.1	100.1	1.55	21.84
25.0-26.0	154.3	7.3	107.4	1.59	23.43
26.0-27.0	152.0	7.4	114.8	1.62	25.06
27.0-28.0	149.8	7.6	122.4	1.66	26.71
28.0-29.0	147.4	7.7	130.1	1.68	28.40
29.0-30.0	145.1	7.8	137.9	1.71	30.11
30.0-31.0	142.7	7.9	145.9	1.73	31.84
31.0-32.0	140.3	8.0	153.9	1.75	33.59
32.0-33.0	137.9	8.1	162.0	1.77	35.37
33.0-34.0	135.4	8.2	170.2	1.79	37.15
34.0-35.0	132.9	8.3	178.5	1.80	38.96
35.0-36.0	130.3	8.3	186.8	1.81	40.77

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	127.7	8.3	195.1	1.82	42.58
37.0-38.0	125.1	8.4	203.5	1.82	44.41
38.0-39.0	122.5	8.4	211.8	1.83	46.23
39.0-40.0	119.9	8.4	220.2	1.83	48.06
40.0-41.0	117.3	8.4	228.6	1.82	49.88
41.0-42.0	114.7	8.3	236.9	1.82	51.70
42.0-43.0	111.9	8.3	245.2	1.81	53.51
43.0-44.0	109.2	8.2	253.4	1.80	55.31
44.0-45.0	106.5	8.2	261.6	1.79	57.10
45.0-46.0	103.8	8.1	269.7	1.77	58.87
46.0-47.0	101.2	8.0	277.8	1.76	60.63
47.0-48.0	98.5	8.0	285.7	1.74	62.36
48.0-49.0	95.8	7.9	293.6	1.72	64.08
49.0-50.0	93.1	7.8	301.4	1.69	65.78
50.0-51.0	90.4	7.6	309.0	1.67	67.44
51.0-52.0	87.7	7.5	316.5	1.64	69.09
52.0-53.0	85.0	7.4	323.9	1.61	70.70
53.0-54.0	82.3	7.3	331.2	1.58	72.28
54.0-55.0	79.6	7.1	338.3	1.55	73.84
55.0-56.0	76.9	7.0	345.3	1.52	75.35
56.0-57.0	74.2	6.8	352.0	1.48	76.83
57.0-58.0	71.5	6.6	358.7	1.44	78.28
58.0-59.0	68.8	6.4	365.1	1.40	79.68
59.0-60.0	66.2	6.3	371.4	1.36	81.05
60.0-61.0	63.5	6.1	377.4	1.32	82.37
61.0-62.0	60.9	5.9	383.3	1.28	83.65
62.0-63.0	58.2	5.7	388.9	1.24	84.89
63.0-64.0	55.5	5.5	394.4	1.19	86.08
64.0-65.0	52.9	5.2	399.6	1.14	87.22
65.0-66.0	50.3	5.0	404.6	1.10	88.31
66.0-67.0	47.6	4.8	409.4	1.05	89.36
67.0-68.0	45.0	4.6	414.0	1.00	90.36
68.0-69.0	42.5	4.3	418.3	0.95	91.30
69.0-70.0	39.9	4.1	422.4	0.89	92.19
70.0-71.0	37.3	3.9	426.3	0.84	93.04
71.0-72.0	34.8	3.6	429.9	0.79	93.83

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	32.3	3.4	433.3	0.74	94.56
73.0-74.0	29.8	3.1	436.4	0.68	95.25
74.0-75.0	27.4	2.9	439.3	0.63	95.88
75.0-76.0	25.0	2.7	442.0	0.58	96.46
76.0-77.0	22.6	2.4	444.4	0.53	96.99
77.0-78.0	20.3	2.2	446.6	0.47	97.46
78.0-79.0	18.1	1.9	448.5	0.42	97.88
79.0-80.0	15.9	1.7	450.2	0.37	98.26
80.0-81.0	13.8	1.5	451.7	0.33	98.58
81.0-82.0	11.7	1.3	453.0	0.28	98.86
82.0-83.0	9.8	1.1	454.0	0.23	99.09
83.0-84.0	7.9	0.9	454.9	0.19	99.28
84.0-85.0	6.2	0.7	455.6	0.15	99.43
85.0-86.0	4.5	0.5	456.1	0.11	99.54
86.0-87.0	3.0	0.3	456.4	0.07	99.61
87.0-88.0	1.8	0.2	456.6	0.04	99.65
88.0-89.0	0.9	0.1	456.7	0.02	99.67
89.0-90.0	0.3	0.0	456.7	0.01	99.68
90.0-91.0	0.0	0.0	456.7	0.00	99.68
91.0-92.0	0.0	0.0	456.7	0.00	99.68
92.0-93.0	0.0	0.0	456.7	0.00	99.68
93.0-94.0	0.0	0.0	456.7	0.00	99.68
94.0-95.0	0.0	0.0	456.7	0.00	99.68
95.0-96.0	0.0	0.0	456.7	0.00	99.68
96.0-97.0	0.0	0.0	456.7	0.00	99.68
97.0-98.0	0.0	0.0	456.7	0.00	99.68
98.0-99.0	0.0	0.0	456.7	0.00	99.68
99.0-100.0	0.0	0.0	456.7	0.00	99.68
100.0-101.0	0.0	0.0	456.7	0.00	99.68
101.0-102.0	0.0	0.0	456.7	0.00	99.68
102.0-103.0	0.0	0.0	456.7	0.00	99.68
103.0-104.0	0.0	0.0	456.7	0.00	99.68
104.0-105.0	0.0	0.0	456.7	0.00	99.68
105.0-106.0	0.0	0.0	456.7	0.00	99.68
106.0-107.0	0.0	0.0	456.7	0.00	99.68
107.0-108.0	0.0	0.0	456.7	0.00	99.68

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	456.7	0.00	99.68
109.0-110.0	0.0	0.0	456.7	0.00	99.68
110.0-111.0	0.0	0.0	456.7	0.00	99.68
111.0-112.0	0.0	0.0	456.7	0.00	99.68
112.0-113.0	0.0	0.0	456.7	0.00	99.68
113.0-114.0	0.0	0.0	456.8	0.00	99.69
114.0-115.0	0.1	0.0	456.8	0.00	99.69
115.0-116.0	0.1	0.0	456.8	0.00	99.69
116.0-117.0	0.1	0.0	456.8	0.00	99.69
117.0-118.0	0.1	0.0	456.8	0.00	99.69
118.0-119.0	0.1	0.0	456.8	0.00	99.69
119.0-120.0	0.1	0.0	456.8	0.00	99.69
120.0-121.0	0.1	0.0	456.8	0.00	99.70
121.0-122.0	0.1	0.0	456.8	0.00	99.70
122.0-123.0	0.1	0.0	456.8	0.00	99.70
123.0-124.0	0.1	0.0	456.8	0.00	99.70
124.0-125.0	0.2	0.0	456.9	0.00	99.71
125.0-126.0	0.2	0.0	456.9	0.00	99.71
126.0-127.0	0.2	0.0	456.9	0.00	99.72
127.0-128.0	0.2	0.0	456.9	0.00	99.72
128.0-129.0	0.2	0.0	456.9	0.00	99.72
129.0-130.0	0.3	0.0	457.0	0.00	99.73
130.0-131.0	0.3	0.0	457.0	0.01	99.73
131.0-132.0	0.3	0.0	457.0	0.01	99.74
132.0-133.0	0.3	0.0	457.0	0.01	99.75
133.0-134.0	0.3	0.0	457.1	0.01	99.75
134.0-135.0	0.4	0.0	457.1	0.01	99.76
135.0-136.0	0.4	0.0	457.1	0.01	99.76
136.0-137.0	0.4	0.0	457.1	0.01	99.77
137.0-138.0	0.4	0.0	457.2	0.01	99.78
138.0-139.0	0.4	0.0	457.2	0.01	99.78
139.0-140.0	0.4	0.0	457.2	0.01	99.79
140.0-141.0	0.5	0.0	457.3	0.01	99.80
141.0-142.0	0.5	0.0	457.3	0.01	99.81
142.0-143.0	0.5	0.0	457.3	0.01	99.81
143.0-144.0	0.5	0.0	457.4	0.01	99.82

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	0.5	0.0	457.4	0.01	99.83
145.0-146.0	0.5	0.0	457.4	0.01	99.83
146.0-147.0	0.5	0.0	457.5	0.01	99.84
147.0-148.0	0.6	0.0	457.5	0.01	99.85
148.0-149.0	0.6	0.0	457.5	0.01	99.86
149.0-150.0	0.6	0.0	457.6	0.01	99.86
150.0-151.0	0.6	0.0	457.6	0.01	99.87
151.0-152.0	0.6	0.0	457.6	0.01	99.88
152.0-153.0	0.6	0.0	457.7	0.01	99.89
153.0-154.0	0.7	0.0	457.7	0.01	99.89
154.0-155.0	0.7	0.0	457.7	0.01	99.90
155.0-156.0	0.7	0.0	457.8	0.01	99.91
156.0-157.0	0.7	0.0	457.8	0.01	99.91
157.0-158.0	0.7	0.0	457.8	0.01	99.92
158.0-159.0	0.7	0.0	457.9	0.01	99.93
159.0-160.0	0.7	0.0	457.9	0.01	99.93
160.0-161.0	0.8	0.0	457.9	0.01	99.94
161.0-162.0	0.8	0.0	457.9	0.01	99.94
162.0-163.0	0.8	0.0	458.0	0.01	99.95
163.0-164.0	0.8	0.0	458.0	0.01	99.96
164.0-165.0	0.8	0.0	458.0	0.01	99.96
165.0-166.0	0.8	0.0	458.0	0.00	99.96
166.0-167.0	0.8	0.0	458.1	0.00	99.97
167.0-168.0	0.8	0.0	458.1	0.00	99.97
168.0-169.0	0.8	0.0	458.1	0.00	99.98
169.0-170.0	0.9	0.0	458.1	0.00	99.98
170.0-171.0	0.9	0.0	458.1	0.00	99.99
171.0-172.0	0.9	0.0	458.1	0.00	99.99
172.0-173.0	0.9	0.0	458.2	0.00	99.99
173.0-174.0	0.9	0.0	458.2	0.00	99.99
174.0-175.0	0.9	0.0	458.2	0.00	100.00
175.0-176.0	0.9	0.0	458.2	0.00	100.00
176.0-177.0	0.9	0.0	458.2	0.00	100.00
177.0-178.0	0.9	0.0	458.2	0.00	100.00
178.0-179.0	0.9	0.0	458.2	0.00	100.00
179.0-180.0	0.9	0.0	458.2	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: