

Report No.:

Test Time: 2022/1/6 14:34

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Double Row Ribbonlyte

Luminaire Description: DRRB0RGBWAS22012.0RGB35

Lamp Catalog: 5050-RGBW4IN1

Number of Lamps: 240/M

Luminous Width (mm): 26

Voltage: 24.0 V

Power: 5.13 W

Lamp Description: RED

Luminous Length (mm): 500

Luminous Height (mm): 2

Current: 0.214 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 273 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H164.9,H125.5

Vertical Diffuse Angle(10%,50%): V164.7,V125.9

Luminaire Efficacy Rating (LER): 53

Max. Intensity: 82.88 cd

Total Rated Lamp Lumens: 273.0 lm

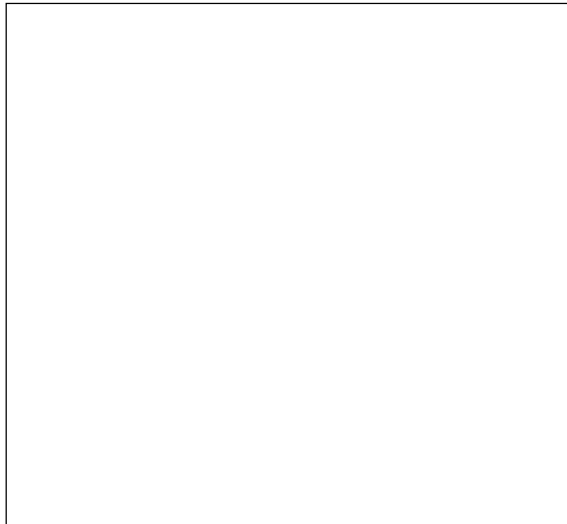
Efficiency: 100%

Upward Ratio: 1%

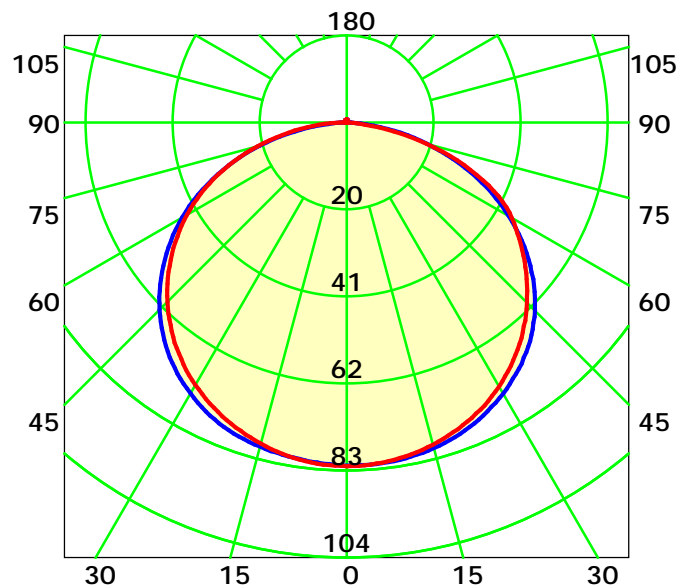
Central Intensity: 82.67 cd

Pos of Max. Intensity: H330 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 125.7° 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

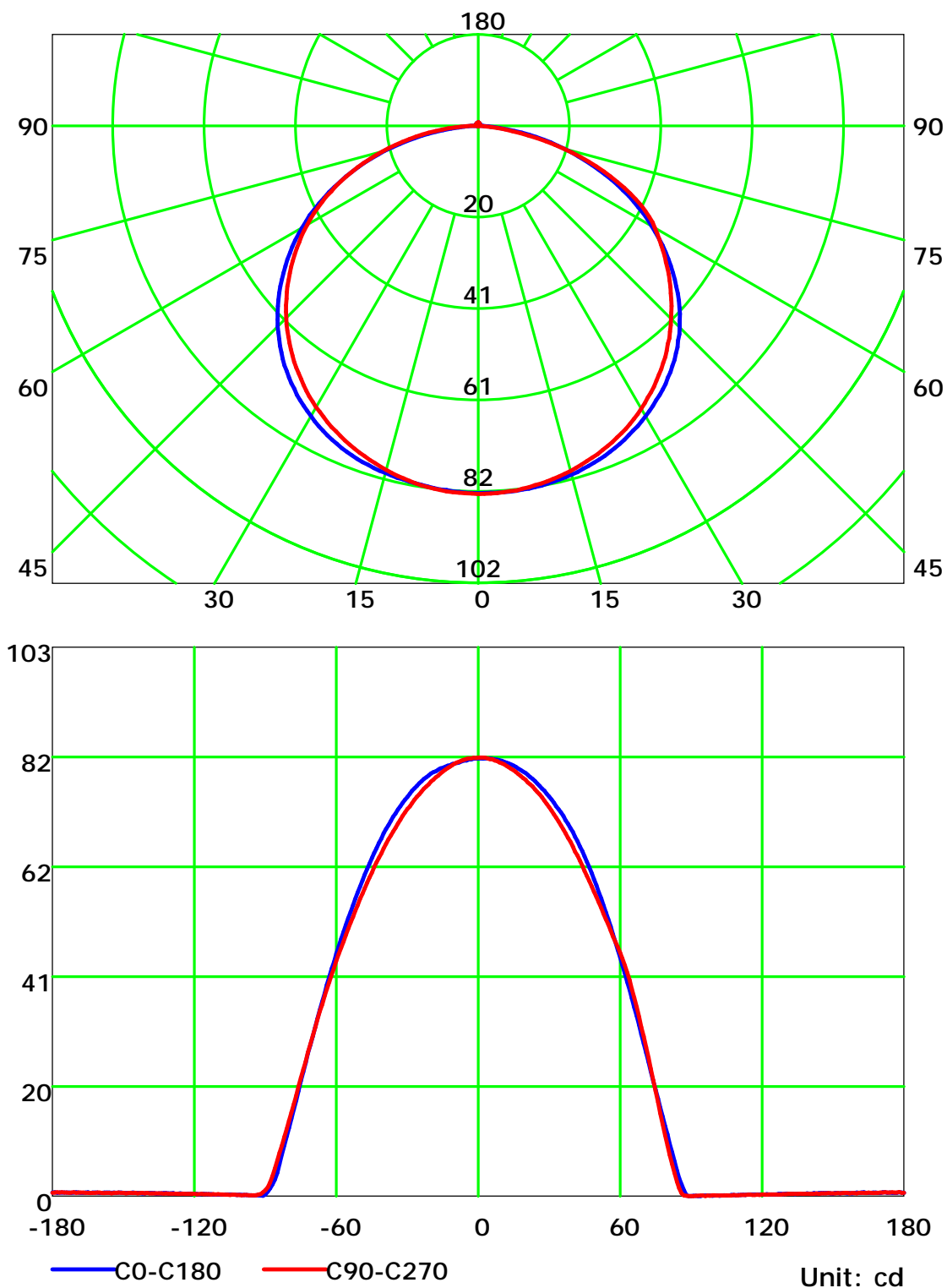
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

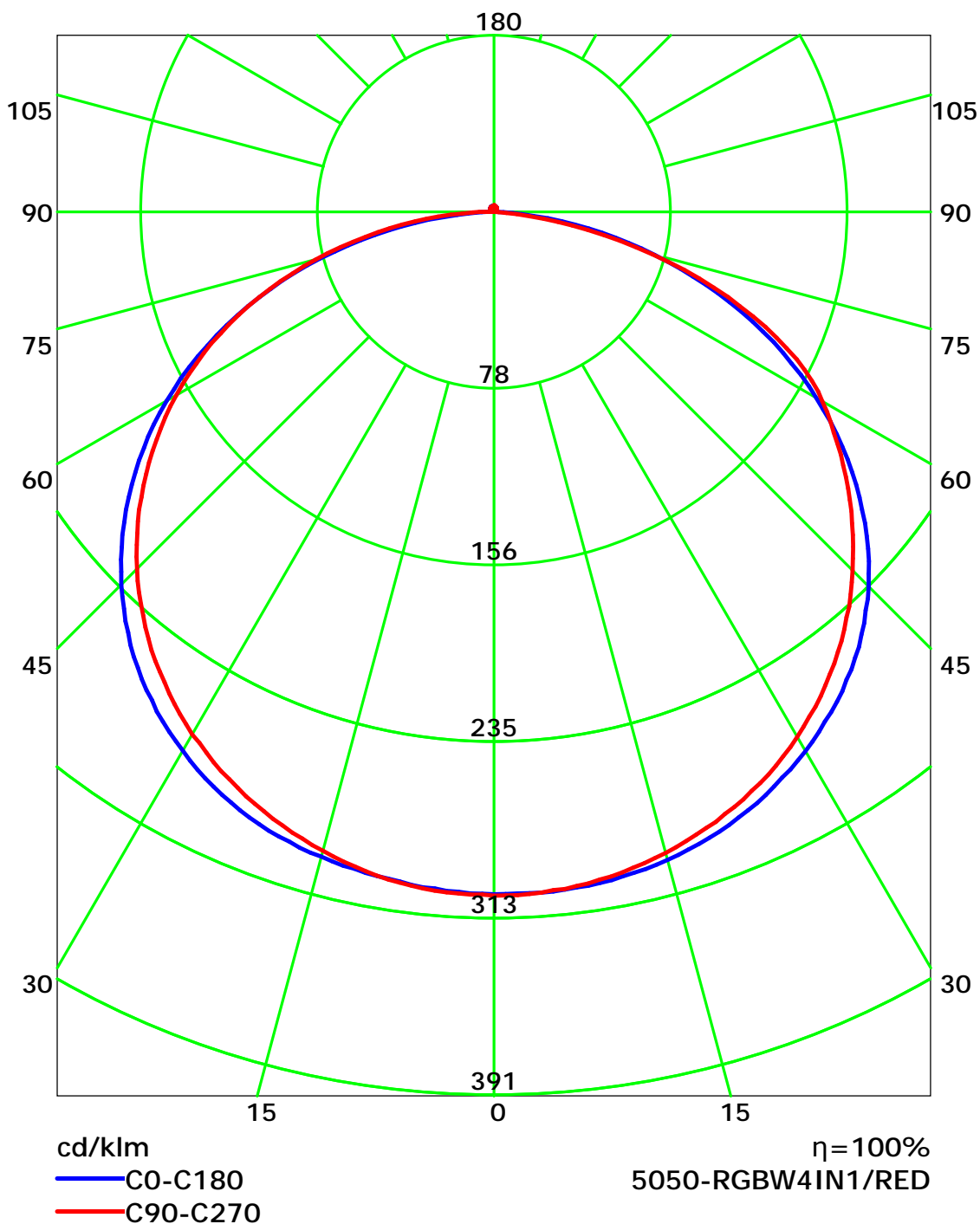
## Luminous Intensity Distribution Curve



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:

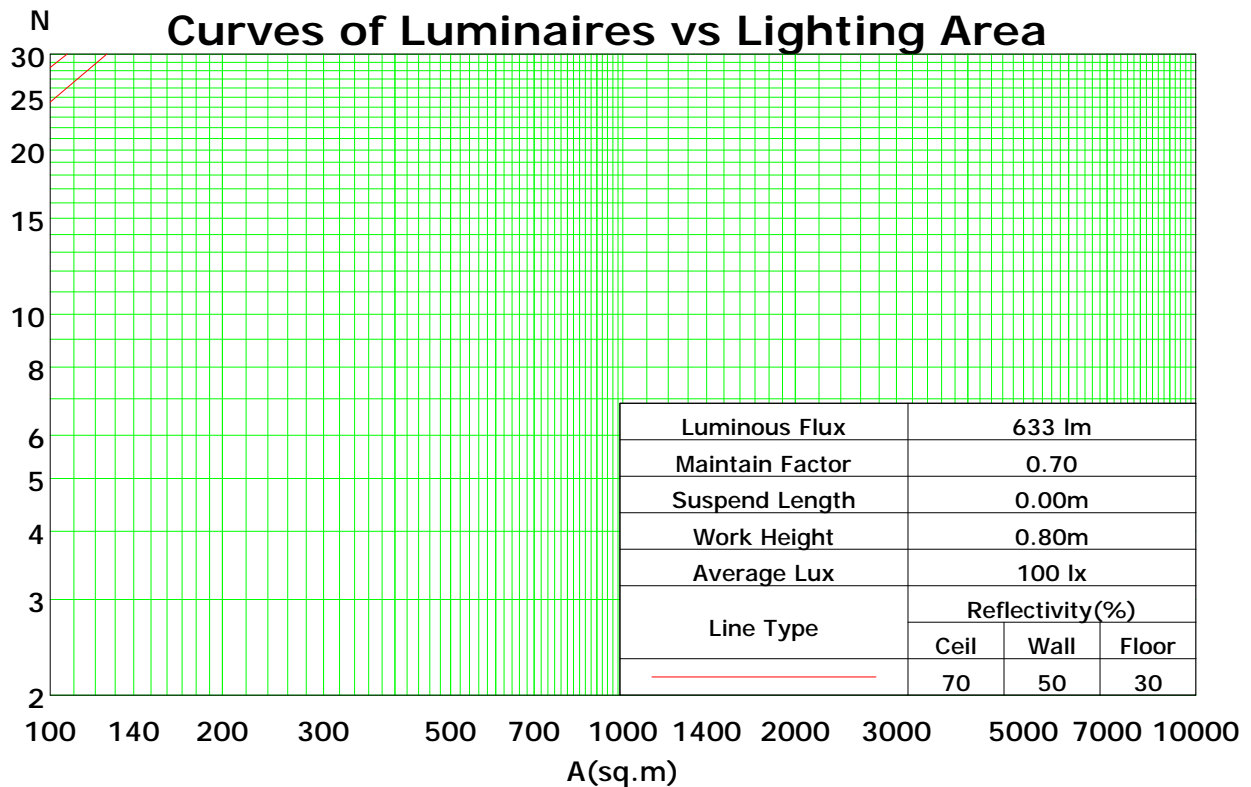
## Coefficients Of Utilization - Zonal Cavity Method

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	108	103	99	94	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	89	82	76	95	87	81	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47
5	74	61	52	45	72	60	51	44	57	50	44	55	48	43	53	47	43	40
6	68	55	45	39	66	54	45	38	52	44	38	50	43	38	48	42	37	35
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27
9	55	41	33	27	53	40	32	27	39	32	27	38	31	26	37	31	26	24
10	51	38	30	24	50	37	29	24	36	29	24	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.36

Spacing Criteria (90-270): 1.32

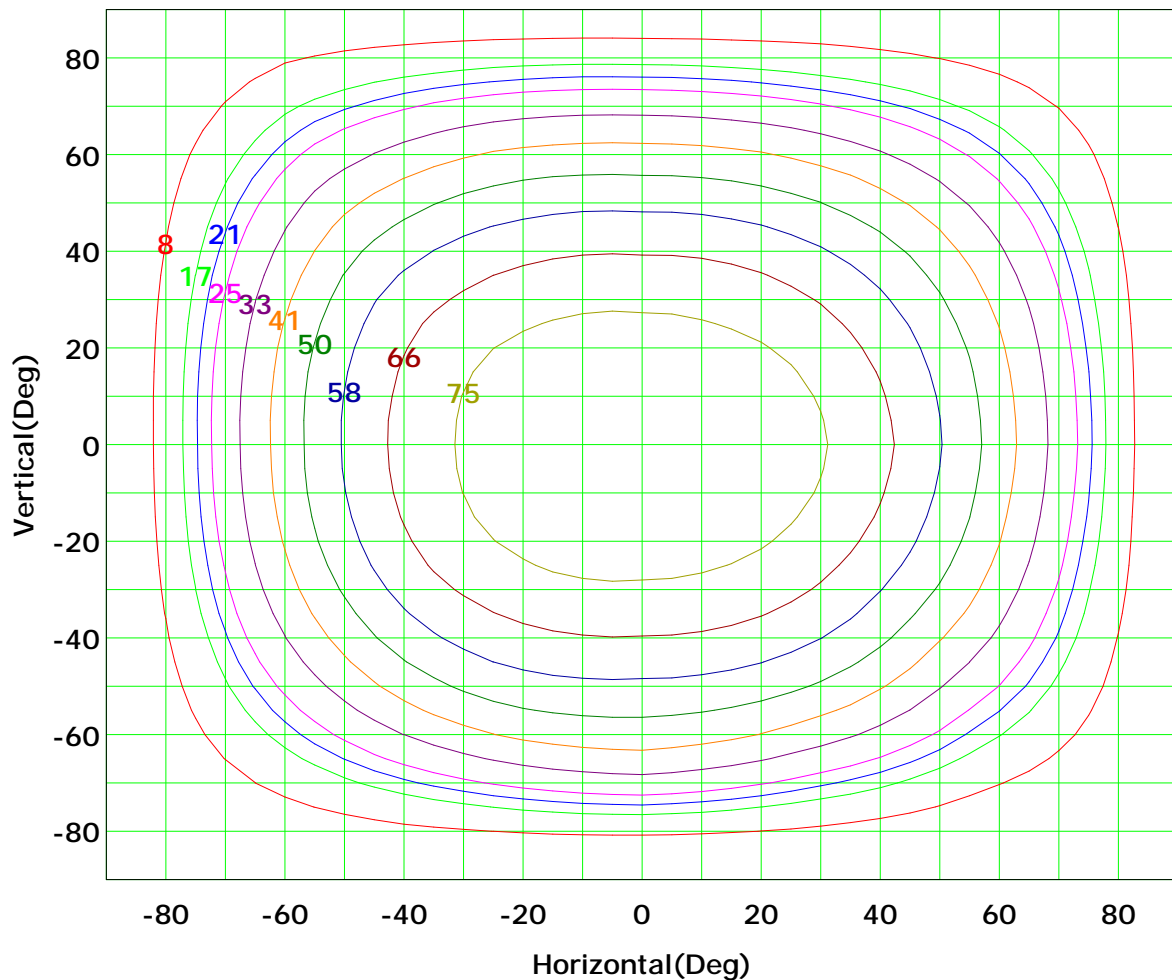
Spacing Criteria (Diagonal): 1.47



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)



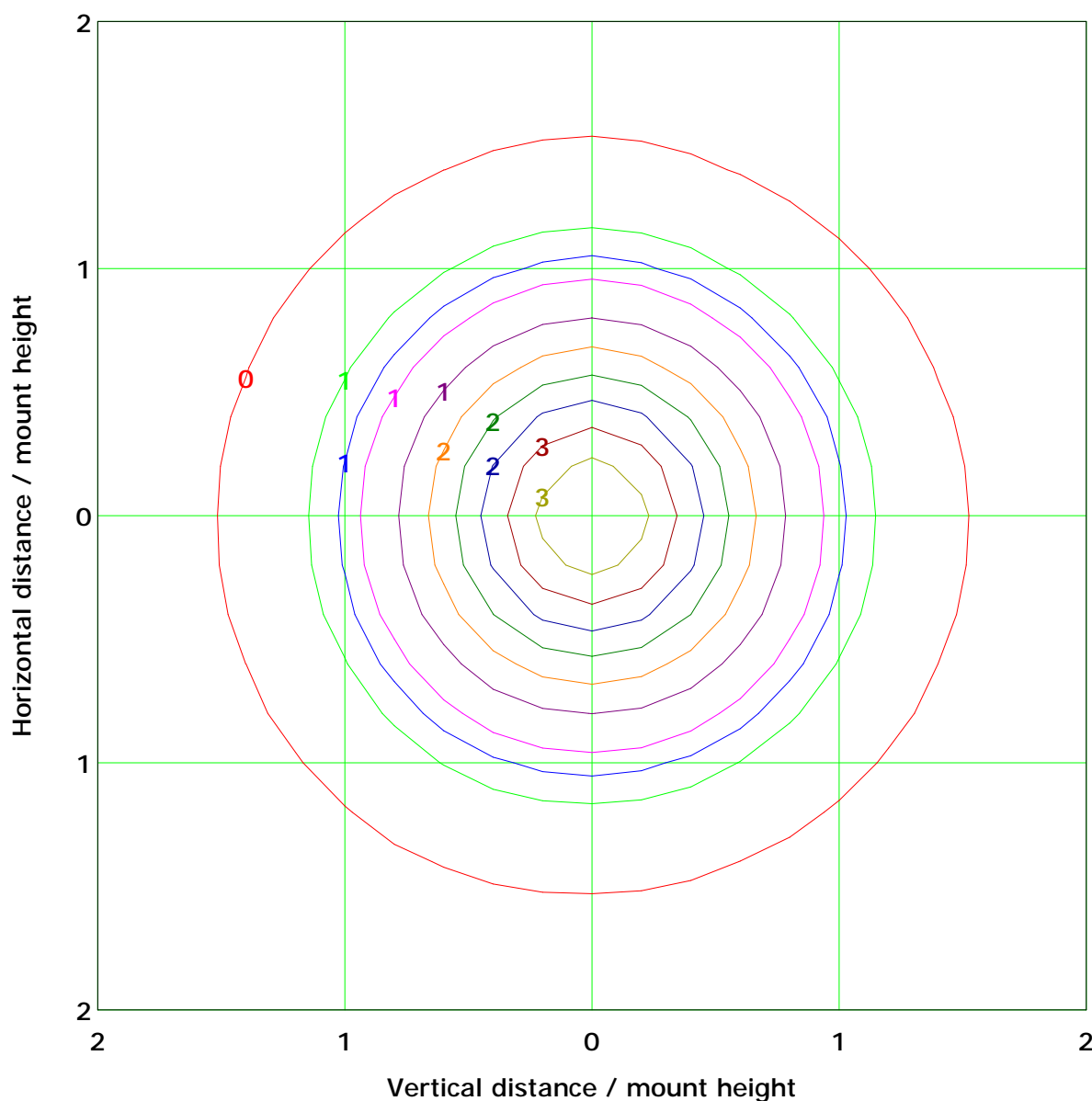
I<sub>max</sub> (100%): 83 cd

( 10%):	8 cd	( 20%):	17 cd
( 25%):	21 cd	( 30%):	25 cd
( 40%):	33 cd	( 50%):	41 cd
( 60%):	50 cd	( 70%):	58 cd
( 80%):	66 cd	( 90%):	75 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%): 3.3 lx

( 10%): 0.3 lx	( 20%): 0.7 lx
( 25%): 0.8 lx	( 30%): 1.0 lx
( 40%): 1.3 lx	( 50%): 1.7 lx
( 60%): 2.0 lx	( 70%): 2.3 lx
( 80%): 2.7 lx	( 90%): 3.0 lx

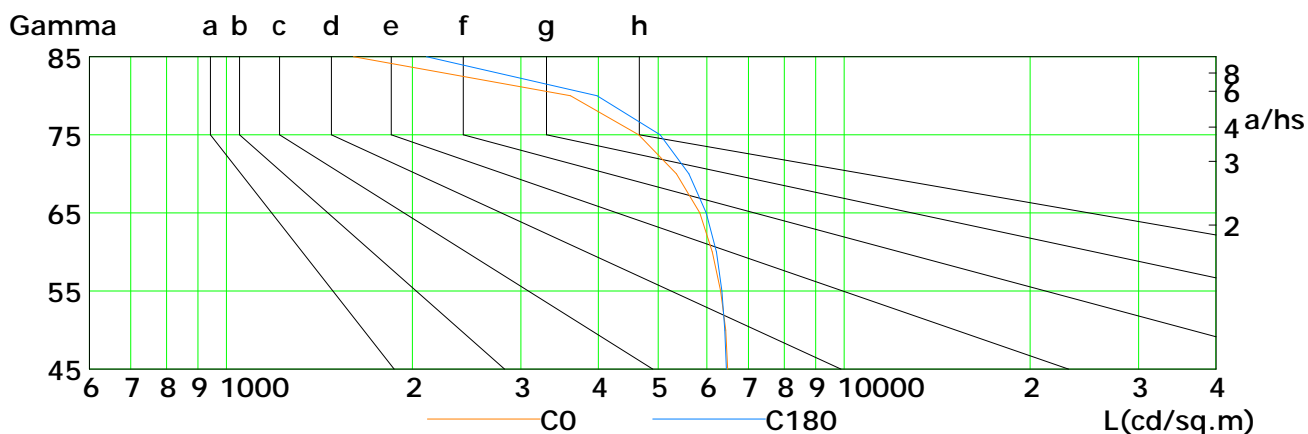
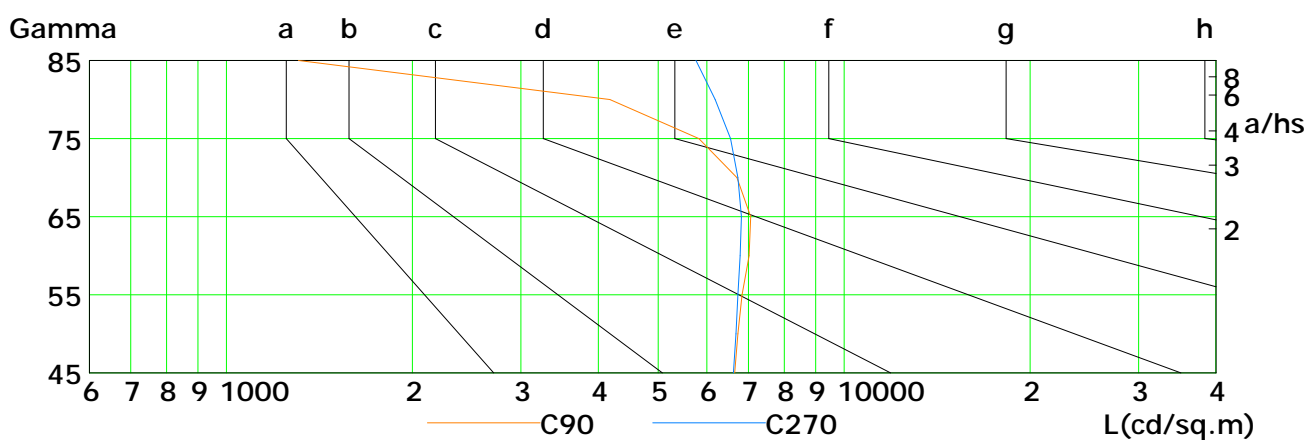
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: JACKY

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



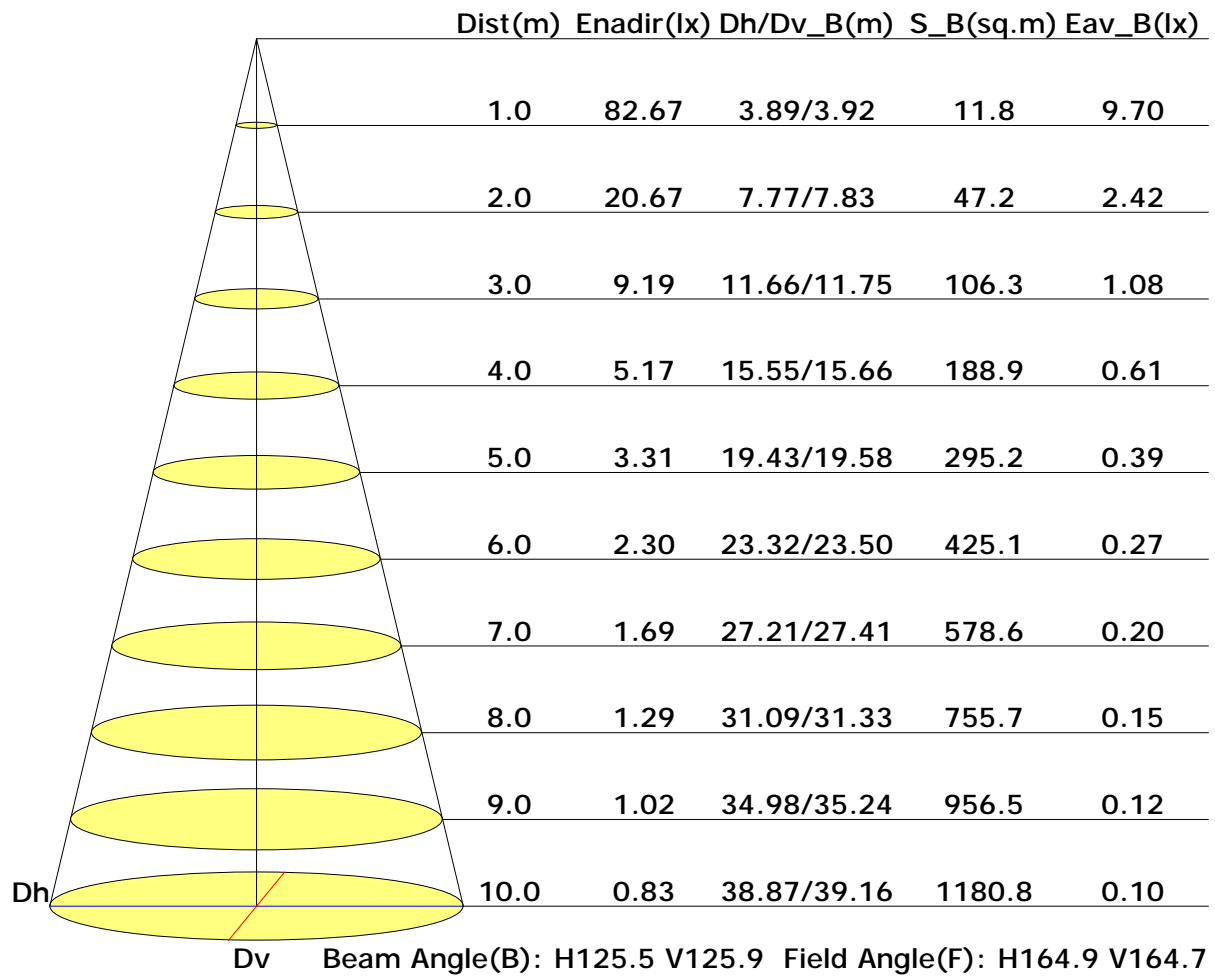
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6483	6434	6316	6121	5843	5357	4651	3606	1606
C90	6654	6732	6839	7019	7060	6712	5819	4176	1308
C180	6452	6410	6343	6216	5986	5607	5039	3982	2109
C270	6624	6686	6734	6793	6825	6736	6554	6185	5756

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:

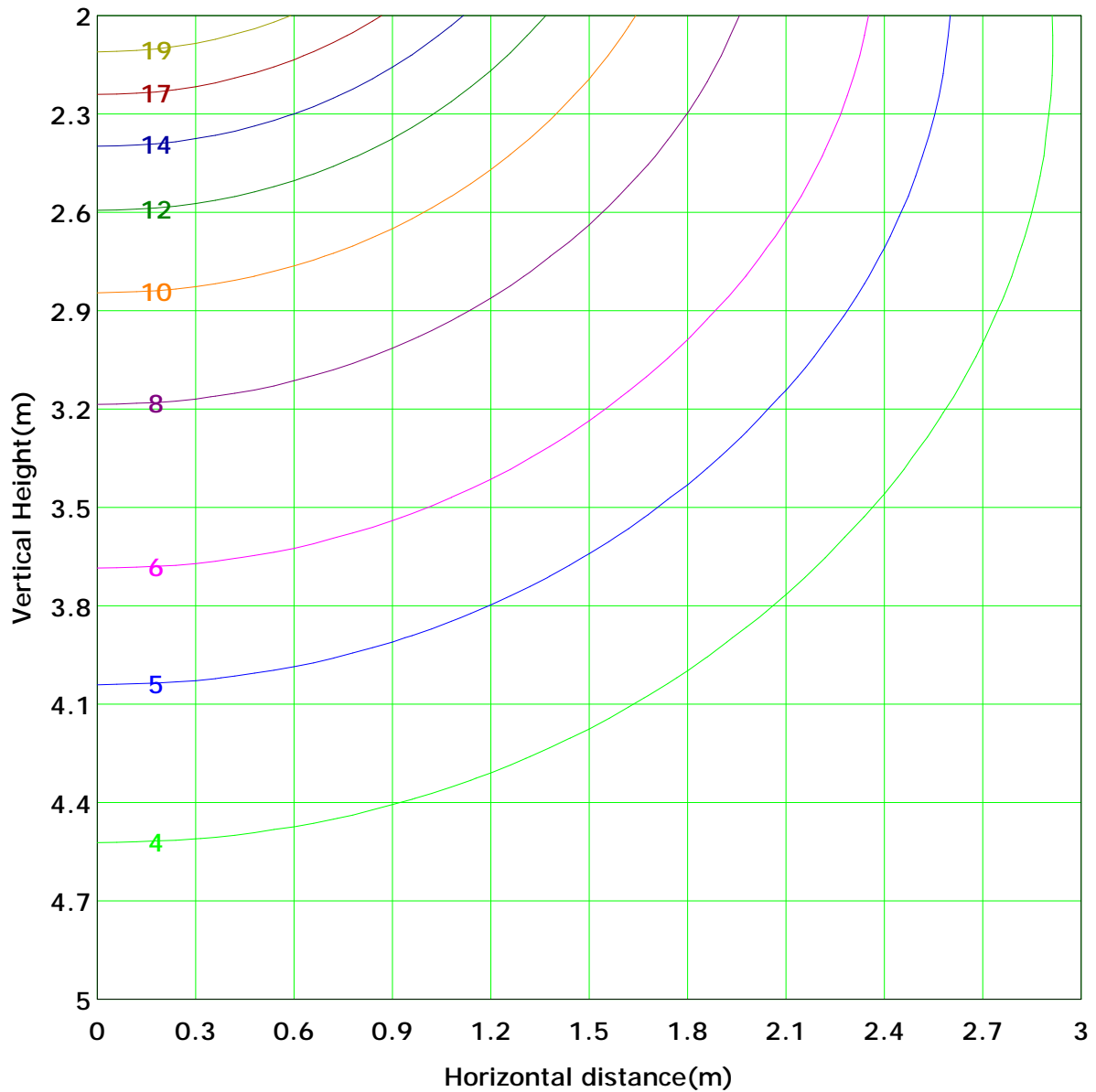


## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 20.7 lx
( 10%): 2.1 lx	( 20%): 4.1 lx	
( 25%): 5.2 lx	( 30%): 6.2 lx	
( 40%): 8.3 lx	( 50%): 10.3 lx	
( 60%): 12.4 lx	( 70%): 14.5 lx	
( 80%): 16.5 lx	( 90%): 18.6 lx	

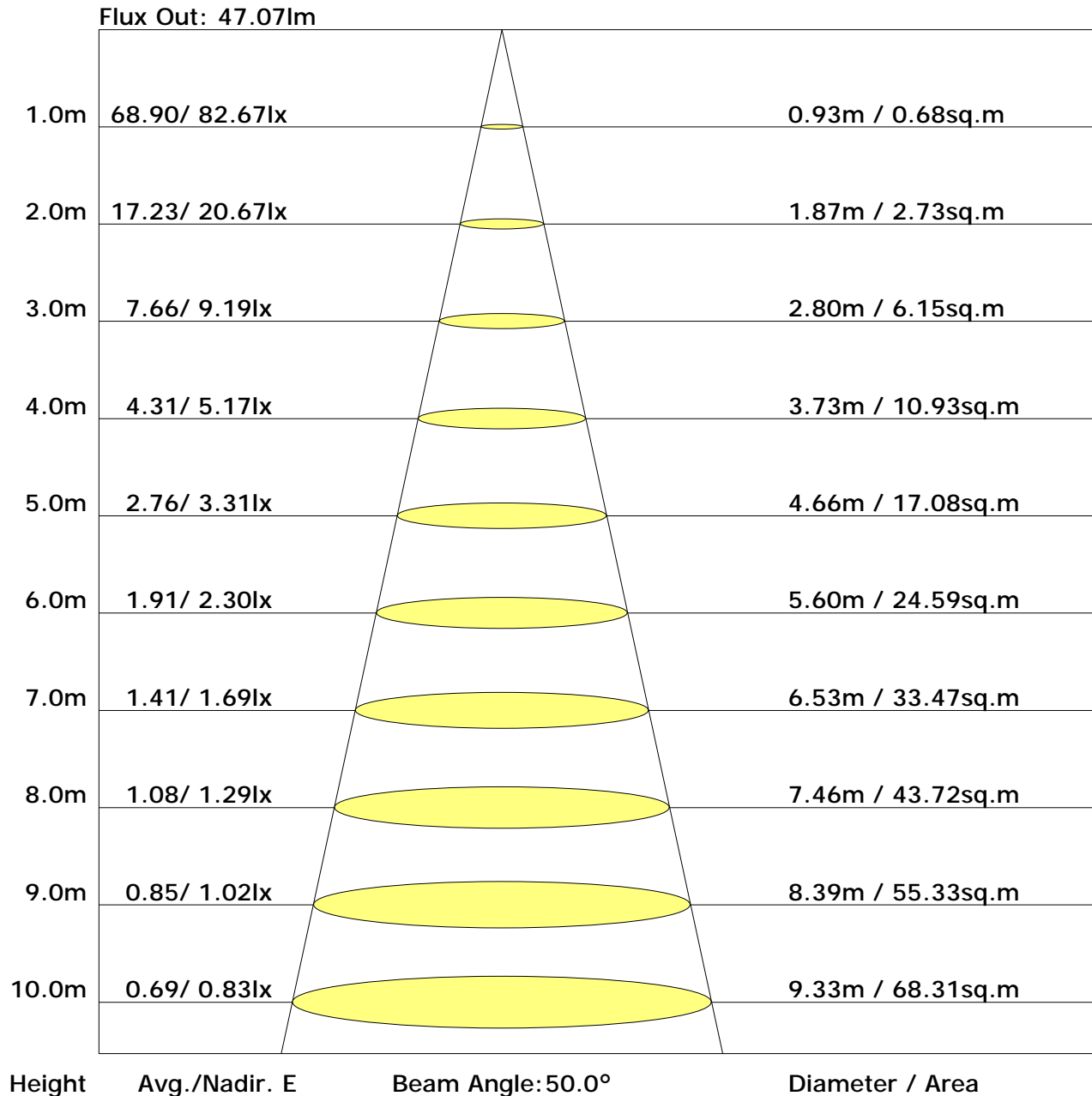
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: JACKY

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	23.6	25.2	24.0	25.6	25.9	23.2	24.8	23.5	25.2	25.5
3H	25.5	27.0	25.9	27.3	27.7	25.1	26.6	25.5	26.9	27.3
4H	26.2	27.6	26.6	28.0	28.4	25.7	27.1	26.1	27.5	27.9
6H	26.7	28.0	27.1	28.4	28.8	26.0	27.3	26.4	27.7	28.1
8H	26.8	28.1	27.3	28.5	28.9	26.0	27.3	26.5	27.7	28.1
12H	26.9	28.1	27.3	28.5	28.9	26.0	27.2	26.5	27.6	28.1
X=4H Y=2H	24.2	25.7	24.6	26.0	26.4	23.8	25.2	24.2	25.6	26.0
3H	26.4	27.6	26.8	28.0	28.4	25.9	27.1	26.3	27.5	27.9
4H	27.2	28.3	27.7	28.7	29.2	26.6	27.7	27.0	28.1	28.6
6H	27.8	28.8	28.3	29.2	29.7	27.0	27.9	27.5	28.4	28.9
8H	28.0	28.9	28.5	29.4	29.8	27.1	28.0	27.5	28.4	28.9
12H	28.1	28.9	28.6	29.4	29.9	27.1	27.9	27.6	28.4	28.9
X=8H Y=4H	27.5	28.4	28.0	28.9	29.4	26.8	27.7	27.3	28.2	28.7
6H	28.3	29.0	28.8	29.5	30.0	27.3	28.1	27.8	28.6	29.1
8H	28.5	29.2	29.0	29.7	30.2	27.4	28.1	27.9	28.6	29.1
12H	28.7	29.3	29.2	29.8	30.3	27.4	28.0	28.0	28.5	29.1
X=12H Y=4H	27.6	28.4	28.1	28.8	29.3	26.9	27.7	27.4	28.2	28.6
6H	28.3	29.0	28.9	29.5	30.0	27.4	28.0	27.9	28.5	29.1
8H	28.6	29.2	29.1	29.7	30.3	27.5	28.1	28.0	28.6	29.1

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 = 1.50								
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	0.57	0.66	0.73	0.79	0.86	0.91	0.95	1.00	1.03
	0.30		0.49	0.58	0.66	0.72	0.80	0.86	0.90	0.95	0.99
	0.20		0.44	0.52	0.60	0.66	0.75	0.81	0.85	0.92	0.96
0.50	0.50	0.20	0.55	0.63	0.71	0.76	0.83	0.88	0.91	0.95	0.98
	0.30		0.48	0.56	0.64	0.70	0.78	0.83	0.87	0.92	0.95
	0.20		0.43	0.51	0.59	0.65	0.73	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.54	0.61	0.68	0.73	0.80	0.84	0.87	0.92	0.94
	0.30		0.48	0.55	0.63	0.68	0.75	0.80	0.84	0.89	0.92
	0.20		0.43	0.50	0.58	0.64	0.71	0.77	0.81	0.86	0.90
0.00	0.00	0.00	0.41	0.48	0.55	0.61	0.68	0.73	0.77	0.81	0.85
Rating:5W 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 = 1.50								
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	0.99	0.84	0.71	0.62	0.50	0.41	0.35	0.27	0.22
	0.30		0.82	0.72	0.62	0.55	0.45	0.38	0.33	0.26	0.21
	0.20		0.71	0.63	0.55	0.49	0.41	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.95	0.81	0.68	0.59	0.47	0.43	0.34	0.26	0.21
	0.30		0.80	0.70	0.60	0.53	0.43	0.36	0.31	0.25	0.20
	0.20		0.70	0.62	0.54	0.48	0.40	0.34	0.29	0.23	0.19
0.30	0.50	0.20	0.92	0.78	0.65	0.57	0.45	0.37	0.32	0.25	0.20
	0.30		0.79	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.19
	0.20		0.69	0.61	0.53	0.47	0.39	0.33	0.28	0.23	0.19
0.00	0.00	0.00	0.59	0.51	0.44	0.39	0.31	0.26	0.23	0.18	0.14
Rating:5W 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 = 1.50									
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	0.19	0.19	0.20	0.21	0.22	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	0.16	0.18	
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	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	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.10	0.11	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:5W 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	82.7	0.1	0.1	0.03	0.03
1.0-2.0	82.7	0.2	0.3	0.09	0.12
2.0-3.0	82.7	0.4	0.7	0.14	0.26
3.0-4.0	82.6	0.6	1.3	0.20	0.46
4.0-5.0	82.6	0.7	2.0	0.26	0.72
5.0-6.0	82.5	0.9	2.8	0.32	1.04
6.0-7.0	82.4	1.0	3.9	0.37	1.42
7.0-8.0	82.2	1.2	5.0	0.43	1.85
8.0-9.0	82.1	1.3	6.4	0.49	2.33
9.0-10.0	81.9	1.5	7.9	0.54	2.88
10.0-11.0	81.8	1.6	9.5	0.60	3.48
11.0-12.0	81.6	1.8	11.3	0.65	4.13
12.0-13.0	81.3	1.9	13.2	0.71	4.84
13.0-14.0	81.1	2.1	15.3	0.76	5.60
14.0-15.0	80.9	2.2	17.5	0.81	6.41
15.0-16.0	80.6	2.4	19.9	0.87	7.28
16.0-17.0	80.3	2.5	22.4	0.92	8.19
17.0-18.0	80.0	2.6	25.0	0.97	9.16
18.0-19.0	79.7	2.8	27.8	1.02	10.18
19.0-20.0	79.3	2.9	30.7	1.06	11.24
20.0-21.0	79.0	3.0	33.7	1.11	12.35
21.0-22.0	78.6	3.2	36.9	1.16	13.51
22.0-23.0	78.2	3.3	40.2	1.20	14.71
23.0-24.0	77.8	3.4	43.6	1.25	15.96
24.0-25.0	77.3	3.5	47.1	1.29	17.24
25.0-26.0	76.9	3.6	50.7	1.33	18.57
26.0-27.0	76.4	3.7	54.4	1.37	19.94
27.0-28.0	75.9	3.8	58.3	1.41	21.35
28.0-29.0	75.3	3.9	62.2	1.44	22.79
29.0-30.0	74.8	4.0	66.3	1.48	24.27
30.0-31.0	74.2	4.1	70.4	1.51	25.79
31.0-32.0	73.6	4.2	74.6	1.54	27.33
32.0-33.0	72.9	4.3	78.9	1.57	28.90
33.0-34.0	72.3	4.4	83.3	1.60	30.51
34.0-35.0	71.6	4.4	87.7	1.63	32.14
35.0-36.0	70.9	4.5	92.2	1.65	33.79

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	70.2	4.6	96.8	1.68	35.47
37.0-38.0	69.4	4.6	101.4	1.70	37.16
38.0-39.0	68.6	4.7	106.1	1.72	38.88
39.0-40.0	67.8	4.7	110.9	1.73	40.61
40.0-41.0	67.0	4.8	115.6	1.75	42.36
41.0-42.0	66.1	4.8	120.4	1.76	44.12
42.0-43.0	65.2	4.8	125.3	1.77	45.89
43.0-44.0	64.3	4.9	130.1	1.78	47.67
44.0-45.0	63.4	4.9	135.0	1.78	49.45
45.0-46.0	62.4	4.9	139.9	1.79	51.24
46.0-47.0	61.4	4.9	144.8	1.79	53.03
47.0-48.0	60.4	4.9	149.6	1.79	54.82
48.0-49.0	59.3	4.9	154.5	1.78	56.60
49.0-50.0	58.2	4.9	159.4	1.78	58.38
50.0-51.0	57.1	4.8	164.2	1.77	60.15
51.0-52.0	56.0	4.8	169.0	1.76	61.91
52.0-53.0	54.8	4.8	173.8	1.75	63.66
53.0-54.0	53.6	4.7	178.5	1.73	65.39
54.0-55.0	52.4	4.7	183.2	1.71	67.11
55.0-56.0	51.2	4.6	187.8	1.69	68.80
56.0-57.0	49.9	4.6	192.4	1.67	70.47
57.0-58.0	48.6	4.5	196.9	1.65	72.12
58.0-59.0	47.3	4.4	201.3	1.62	73.74
59.0-60.0	45.9	4.3	205.6	1.59	75.33
60.0-61.0	44.5	4.2	209.9	1.56	76.89
61.0-62.0	43.1	4.2	214.0	1.52	78.41
62.0-63.0	41.6	4.1	218.1	1.48	79.89
63.0-64.0	40.1	3.9	222.0	1.44	81.33
64.0-65.0	38.6	3.8	225.8	1.40	82.73
65.0-66.0	37.0	3.7	229.5	1.35	84.09
66.0-67.0	35.4	3.6	233.1	1.30	85.39
67.0-68.0	33.7	3.4	236.5	1.25	86.64
68.0-69.0	32.0	3.3	239.8	1.20	87.84
69.0-70.0	30.3	3.1	242.9	1.14	88.98
70.0-71.0	28.6	3.0	245.8	1.08	90.06
71.0-72.0	26.9	2.8	248.6	1.03	91.09

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	25.2	2.6	251.3	0.96	92.05
73.0-74.0	23.4	2.5	253.7	0.90	92.95
74.0-75.0	21.6	2.3	256.0	0.84	93.79
75.0-76.0	19.9	2.1	258.1	0.77	94.56
76.0-77.0	18.1	1.9	260.0	0.71	95.27
77.0-78.0	16.4	1.8	261.8	0.64	95.91
78.0-79.0	14.7	1.6	263.4	0.58	96.49
79.0-80.0	13.0	1.4	264.8	0.51	97.00
80.0-81.0	11.3	1.2	266.0	0.45	97.45
81.0-82.0	9.7	1.0	267.0	0.38	97.83
82.0-83.0	8.0	0.9	267.9	0.32	98.15
83.0-84.0	6.4	0.7	268.6	0.26	98.41
84.0-85.0	5.0	0.5	269.2	0.20	98.61
85.0-86.0	3.7	0.4	269.6	0.15	98.75
86.0-87.0	2.6	0.3	269.8	0.10	98.86
87.0-88.0	1.7	0.2	270.0	0.07	98.93
88.0-89.0	1.1	0.1	270.1	0.05	98.97
89.0-90.0	0.7	0.1	270.2	0.03	99.00
90.0-91.0	0.5	0.1	270.3	0.02	99.02
91.0-92.0	0.3	0.0	270.3	0.01	99.03
92.0-93.0	0.2	0.0	270.3	0.01	99.04
93.0-94.0	0.2	0.0	270.4	0.01	99.05
94.0-95.0	0.2	0.0	270.4	0.01	99.06
95.0-96.0	0.2	0.0	270.4	0.01	99.06
96.0-97.0	0.2	0.0	270.4	0.01	99.07
97.0-98.0	0.2	0.0	270.4	0.01	99.08
98.0-99.0	0.2	0.0	270.5	0.01	99.09
99.0-100.0	0.2	0.0	270.5	0.01	99.10
100.0-101.0	0.2	0.0	270.5	0.01	99.11
101.0-102.0	0.2	0.0	270.5	0.01	99.12
102.0-103.0	0.2	0.0	270.6	0.01	99.13
103.0-104.0	0.3	0.0	270.6	0.01	99.14
104.0-105.0	0.3	0.0	270.6	0.01	99.15
105.0-106.0	0.3	0.0	270.7	0.01	99.16
106.0-107.0	0.3	0.0	270.7	0.01	99.17
107.0-108.0	0.3	0.0	270.7	0.01	99.18

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	270.8	0.01	99.19
109.0-110.0	0.3	0.0	270.8	0.01	99.20
110.0-111.0	0.3	0.0	270.8	0.01	99.22
111.0-112.0	0.3	0.0	270.9	0.01	99.23
112.0-113.0	0.4	0.0	270.9	0.01	99.24
113.0-114.0	0.4	0.0	270.9	0.01	99.26
114.0-115.0	0.4	0.0	271.0	0.01	99.27
115.0-116.0	0.4	0.0	271.0	0.01	99.28
116.0-117.0	0.4	0.0	271.0	0.01	99.30
117.0-118.0	0.4	0.0	271.1	0.01	99.31
118.0-119.0	0.4	0.0	271.1	0.01	99.33
119.0-120.0	0.4	0.0	271.2	0.01	99.34
120.0-121.0	0.4	0.0	271.2	0.01	99.36
121.0-122.0	0.4	0.0	271.2	0.01	99.37
122.0-123.0	0.4	0.0	271.3	0.01	99.39
123.0-124.0	0.4	0.0	271.3	0.01	99.40
124.0-125.0	0.4	0.0	271.4	0.01	99.41
125.0-126.0	0.5	0.0	271.4	0.01	99.43
126.0-127.0	0.5	0.0	271.4	0.02	99.45
127.0-128.0	0.5	0.0	271.5	0.02	99.46
128.0-129.0	0.5	0.0	271.5	0.02	99.48
129.0-130.0	0.5	0.0	271.6	0.02	99.49
130.0-131.0	0.5	0.0	271.6	0.02	99.51
131.0-132.0	0.5	0.0	271.7	0.02	99.52
132.0-133.0	0.5	0.0	271.7	0.02	99.54
133.0-134.0	0.5	0.0	271.7	0.02	99.56
134.0-135.0	0.5	0.0	271.8	0.02	99.57
135.0-136.0	0.6	0.0	271.8	0.02	99.59
136.0-137.0	0.6	0.0	271.9	0.02	99.60
137.0-138.0	0.6	0.0	271.9	0.02	99.62
138.0-139.0	0.6	0.0	272.0	0.02	99.63
139.0-140.0	0.6	0.0	272.0	0.02	99.65
140.0-141.0	0.6	0.0	272.0	0.02	99.66
141.0-142.0	0.6	0.0	272.1	0.01	99.68
142.0-143.0	0.6	0.0	272.1	0.01	99.69
143.0-144.0	0.6	0.0	272.2	0.01	99.71

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 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	272.2	0.01	99.72
145.0-146.0	0.6	0.0	272.2	0.01	99.74
146.0-147.0	0.6	0.0	272.3	0.01	99.75
147.0-148.0	0.6	0.0	272.3	0.01	99.76
148.0-149.0	0.6	0.0	272.3	0.01	99.78
149.0-150.0	0.6	0.0	272.4	0.01	99.79
150.0-151.0	0.6	0.0	272.4	0.01	99.80
151.0-152.0	0.7	0.0	272.5	0.01	99.81
152.0-153.0	0.7	0.0	272.5	0.01	99.83
153.0-154.0	0.7	0.0	272.5	0.01	99.84
154.0-155.0	0.7	0.0	272.5	0.01	99.85
155.0-156.0	0.7	0.0	272.6	0.01	99.86
156.0-157.0	0.7	0.0	272.6	0.01	99.87
157.0-158.0	0.7	0.0	272.6	0.01	99.88
158.0-159.0	0.7	0.0	272.7	0.01	99.89
159.0-160.0	0.7	0.0	272.7	0.01	99.90
160.0-161.0	0.7	0.0	272.7	0.01	99.91
161.0-162.0	0.7	0.0	272.7	0.01	99.92
162.0-163.0	0.7	0.0	272.8	0.01	99.93
163.0-164.0	0.7	0.0	272.8	0.01	99.94
164.0-165.0	0.7	0.0	272.8	0.01	99.94
165.0-166.0	0.7	0.0	272.8	0.01	99.95
166.0-167.0	0.7	0.0	272.8	0.01	99.96
167.0-168.0	0.7	0.0	272.9	0.01	99.96
168.0-169.0	0.7	0.0	272.9	0.01	99.97
169.0-170.0	0.7	0.0	272.9	0.01	99.97
170.0-171.0	0.7	0.0	272.9	0.00	99.98
171.0-172.0	0.7	0.0	272.9	0.00	99.98
172.0-173.0	0.7	0.0	272.9	0.00	99.99
173.0-174.0	0.7	0.0	272.9	0.00	99.99
174.0-175.0	0.7	0.0	272.9	0.00	99.99
175.0-176.0	0.7	0.0	272.9	0.00	100.00
176.0-177.0	0.7	0.0	273.0	0.00	100.00
177.0-178.0	0.7	0.0	273.0	0.00	100.00
178.0-179.0	0.8	0.0	273.0	0.00	100.00
179.0-180.0	0.7	0.0	273.0	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: