

Report No.: 20230810

Test Time: 2023/8/10 11:15

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Pixel Bar

Luminaire Description: Pixel Bar 900 mm Square Milky WHITE

Lamp Description: RGBW+3000k

Luminous Width (mm): 40

Voltage: 219.3 V

Power: 13.53 W

Luminous Length (mm): 900

Luminous Height (mm): 30

Current: 0.073 A

Power Factor: 0.848

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 394.1 lm

Downward Ratio: 85%

Horizontal Diffuse Angle(10%,50%): H162.2,H110.8

Vertical Diffuse Angle(10%,50%): V291.5,V137.1

Luminaire Efficacy Rating (LER): 29

Max. Intensity: 97.8 cd

Total Rated Lamp Lumens: 394.1 lm

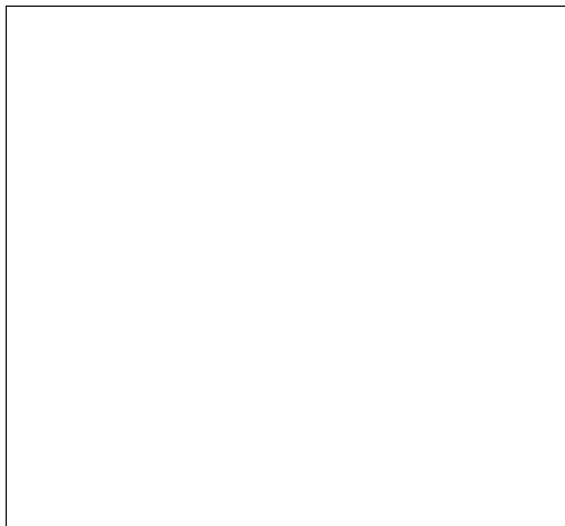
Efficiency: 100%

Upward Ratio: 15%

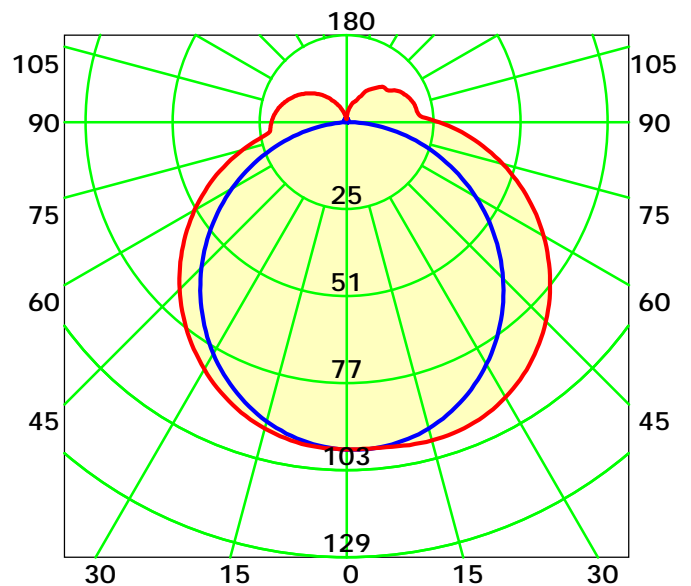
Central Intensity: 97.15 cd

Pos of Max. Intensity: H90 V14

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 124.0° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Michael

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

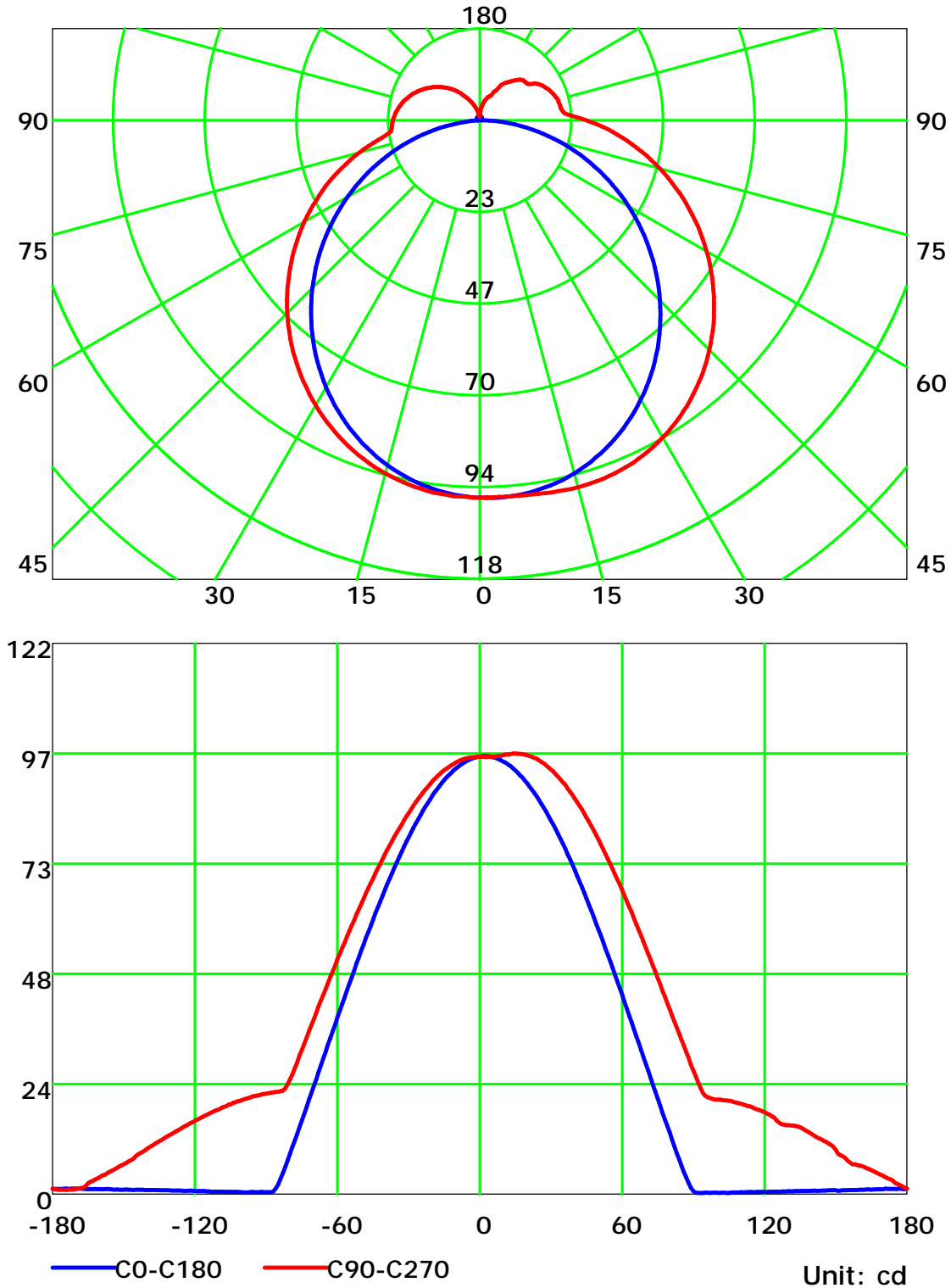
Distance: 9.028 m

Humidity: 60%

Inspector:



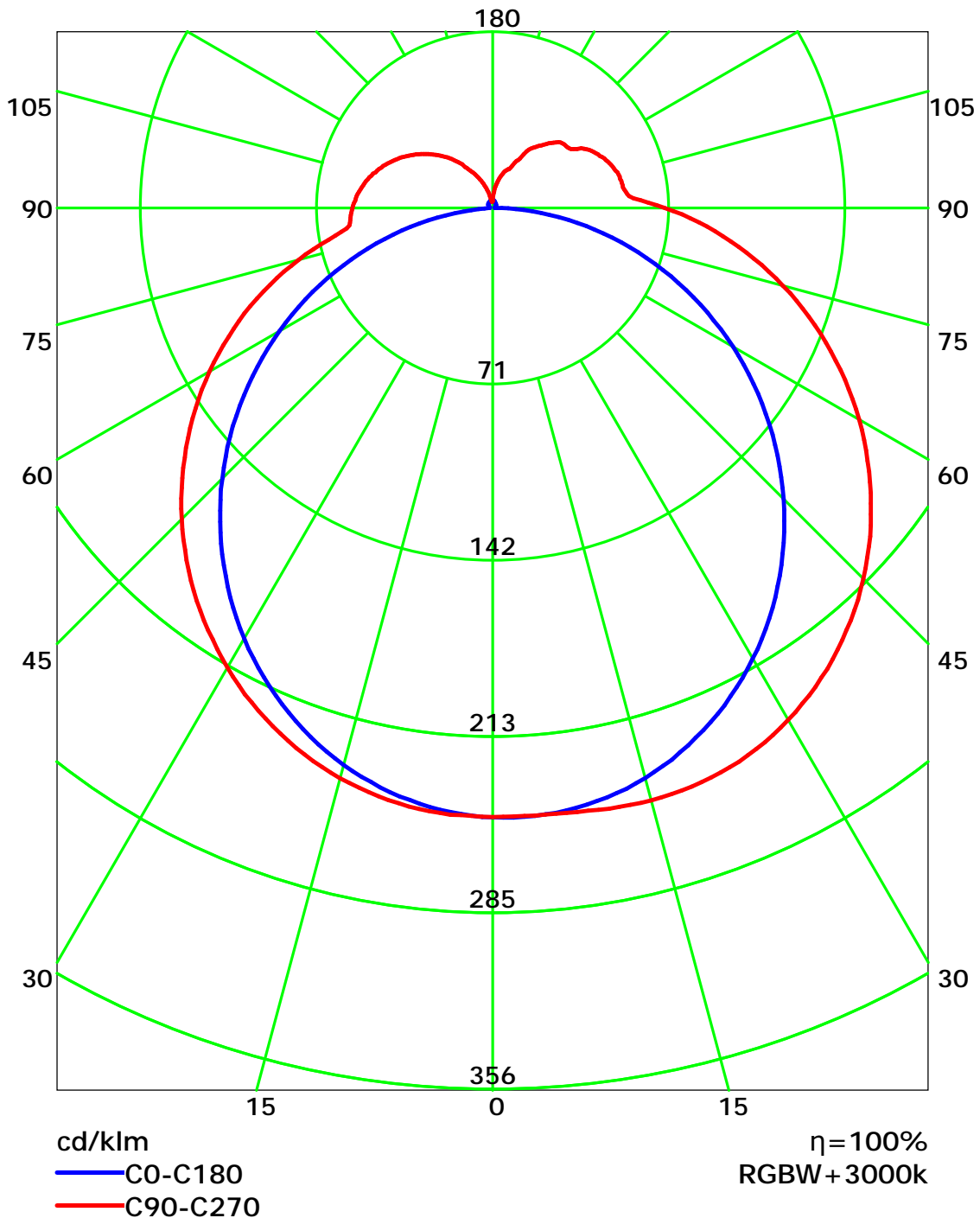
## Luminous Intensity Distribution Curve



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

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: Michael

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

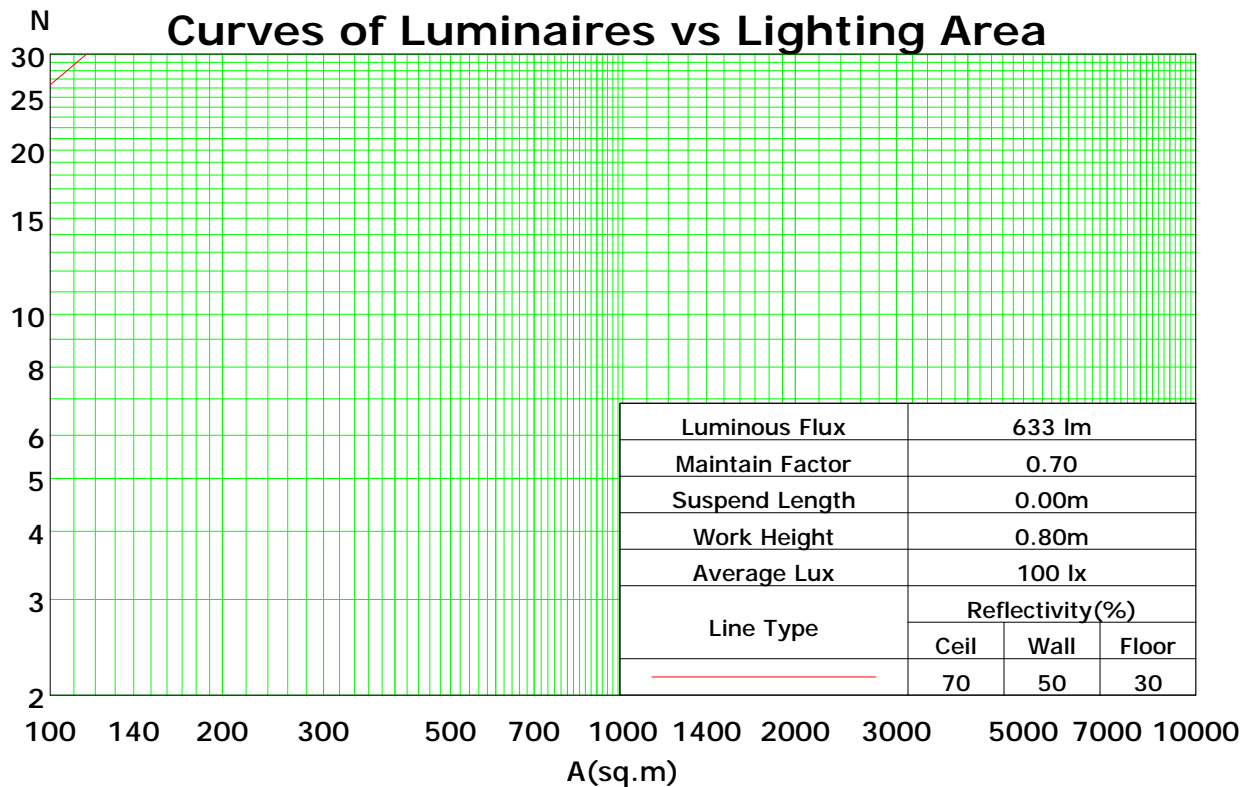
## Coefficients Of Utilization - Zonal Cavity Method

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	115	115	115	115	111	111	111	111	103	103	103	95	95	95	88	88	88	85
1	103	98	93	88	99	94	90	86	87	83	80	81	78	75	75	72	70	67
2	93	84	77	70	89	81	74	68	75	69	65	69	65	61	64	61	57	54
3	85	73	65	58	81	71	63	56	65	59	53	61	55	50	56	52	48	45
4	77	65	55	48	74	62	54	47	58	51	45	54	48	43	50	45	41	38
5	71	57	48	41	67	55	47	40	51	44	38	48	42	37	45	39	35	32
6	65	51	42	36	62	50	41	35	46	39	33	43	37	32	40	35	30	28
7	60	46	37	31	58	45	36	31	42	35	29	39	33	28	37	31	27	25
8	56	42	34	28	54	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	30	24	35	28	23	33	27	22	31	26	22	20
10	49	35	28	22	47	34	27	22	32	26	21	31	25	20	29	23	19	18

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.37

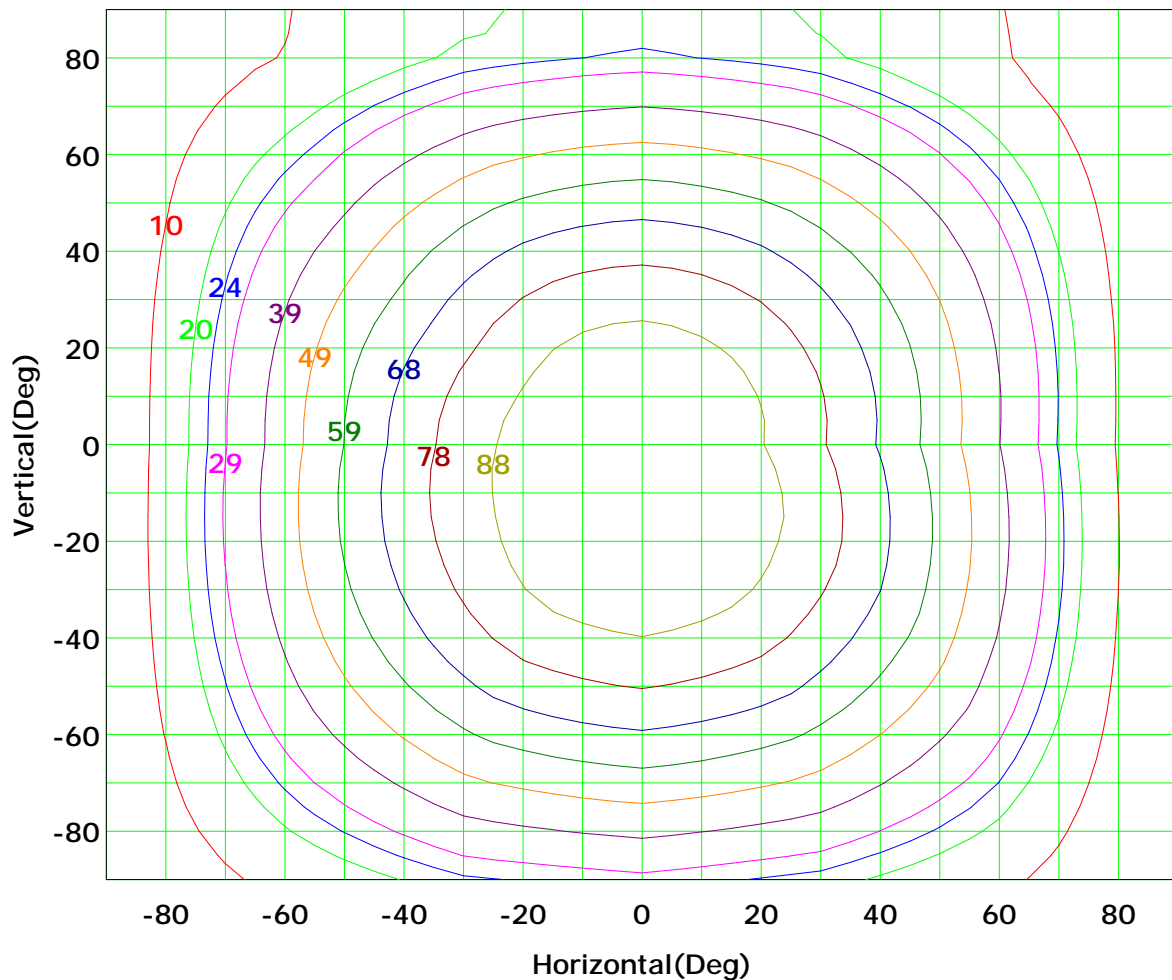
Spacing Criteria (Diagonal): 1.45



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

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

## Isocandela (rectangle)



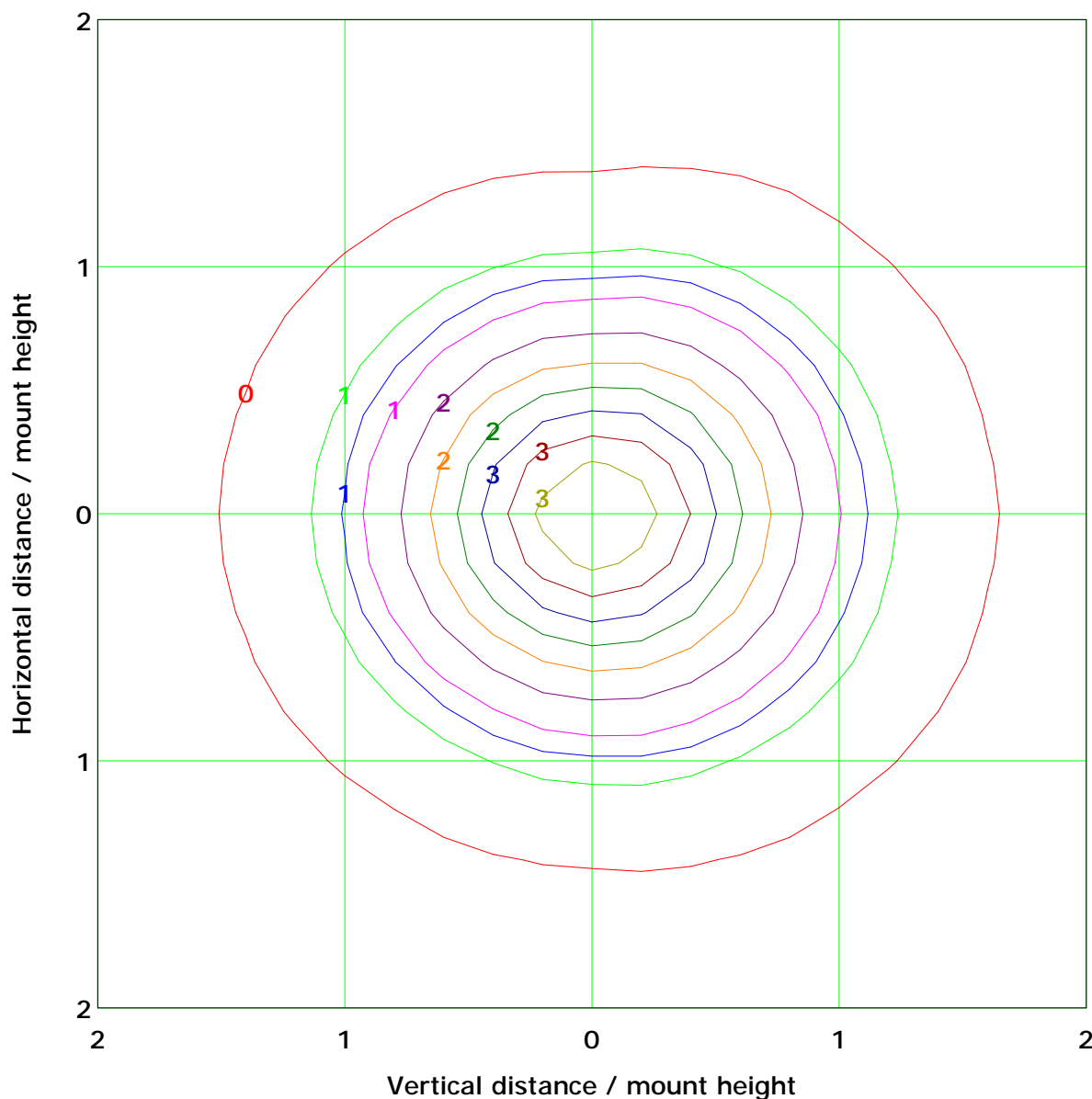
Imax (100%): 98 cd

( 10%):	10 cd	( 20%):	20 cd
( 25%):	24 cd	( 30%):	29 cd
( 40%):	39 cd	( 50%):	49 cd
( 60%):	59 cd	( 70%):	68 cd
( 80%):	78 cd	( 90%):	88 cd

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

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%): 3.9 lx

( 10%): 0.4 lx	( 20%): 0.8 lx
( 25%): 1.0 lx	( 30%): 1.2 lx
( 40%): 1.6 lx	( 50%): 1.9 lx
( 60%): 2.3 lx	( 70%): 2.7 lx
( 80%): 3.1 lx	( 90%): 3.5 lx

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

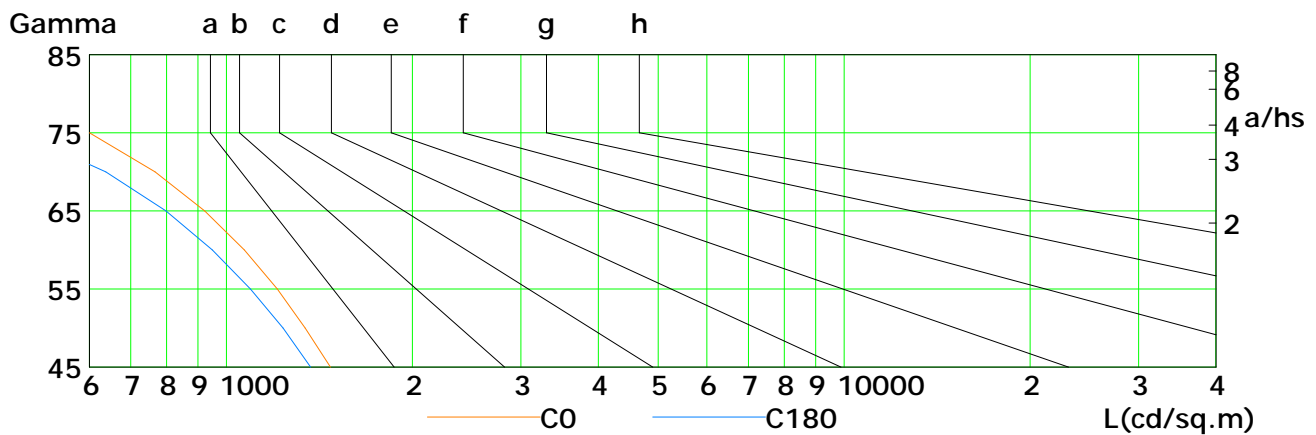
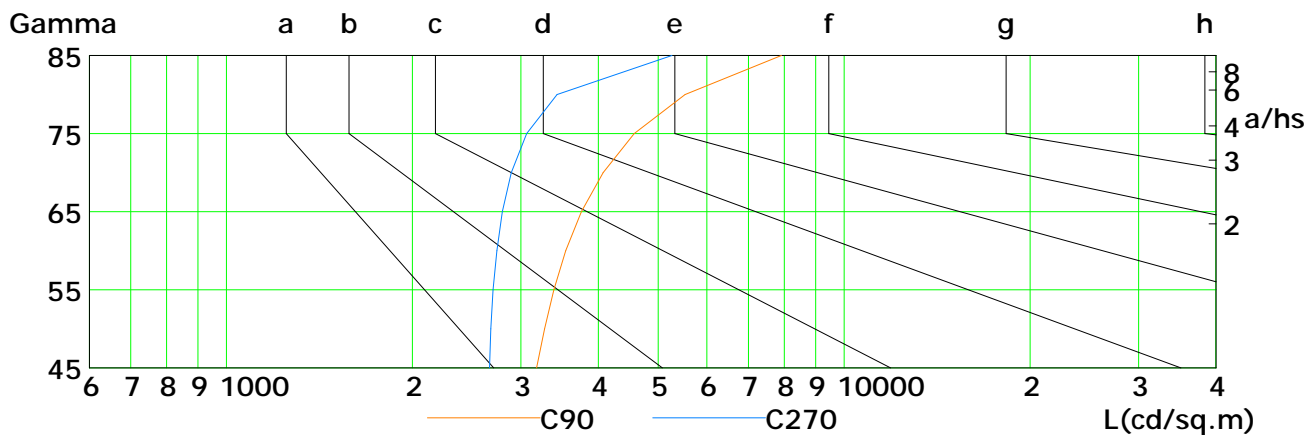
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:



## 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

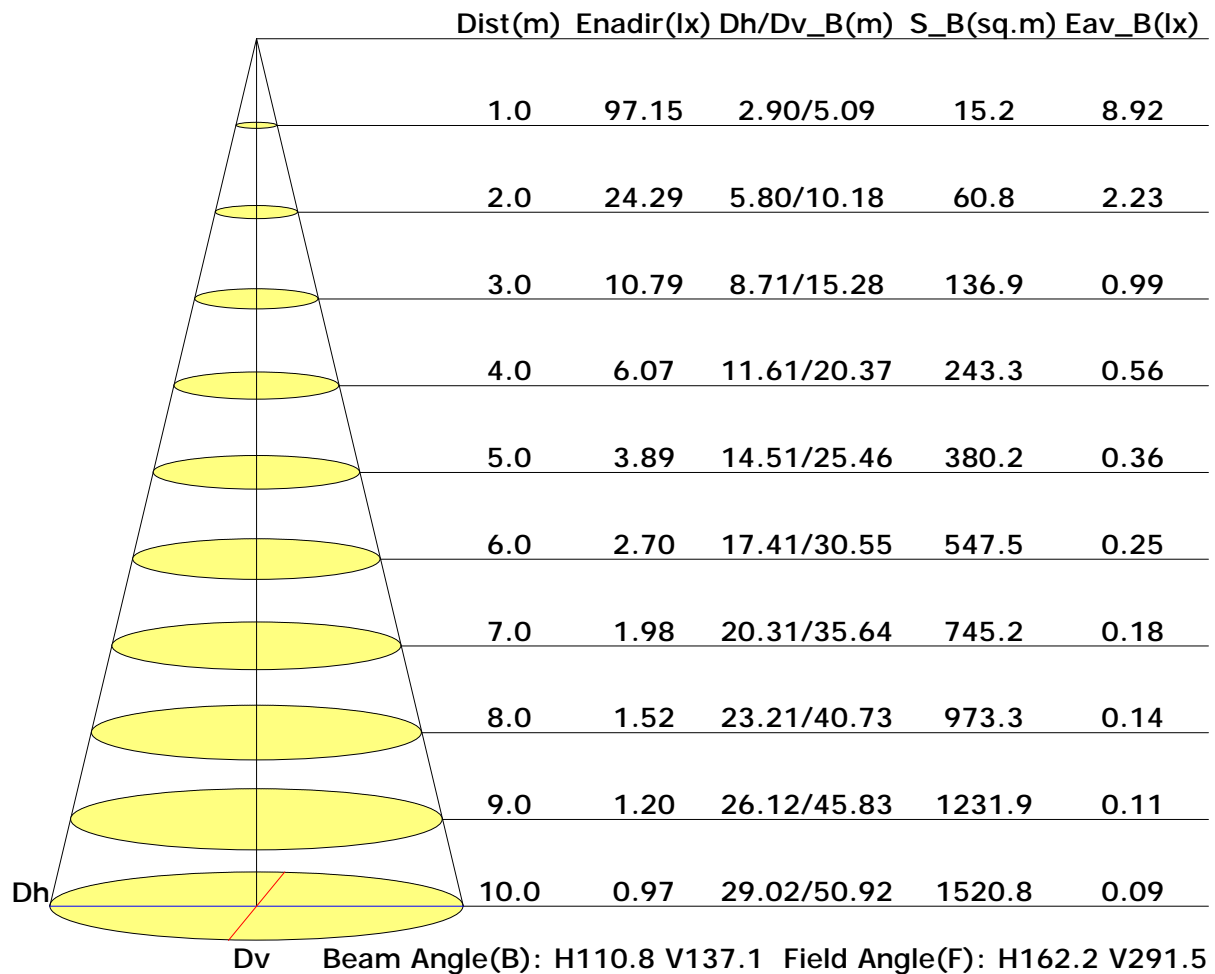


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1474	1342	1209	1070	923	767	600	419	213
C90	3179	3274	3389	3545	3758	4072	4577	5532	7923
C180	1370	1236	1094	949	799	638	464	275	76
C270	2667	2679	2703	2742	2797	2894	3062	3431	5267

C Plane (°):0.0-360.0: 30.0  
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Gamma Plane (°):0.0-180.0: 1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

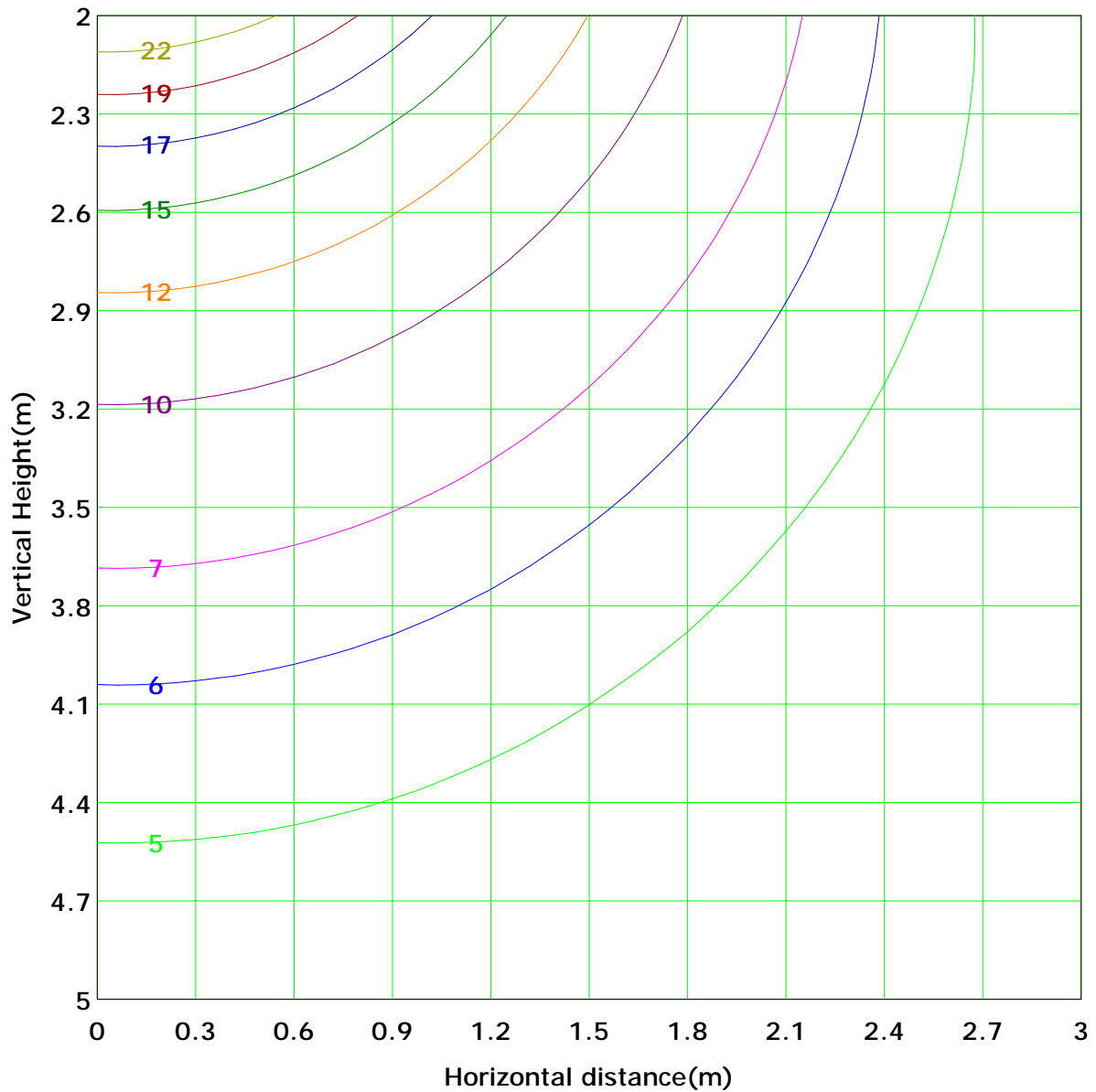
## Illuminance at a Distance







## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 24.3 lx
( 10%): 2.4 lx	( 20%): 4.9 lx	( 30%): 7.3 lx
( 25%): 6.1 lx	( 40%): 9.7 lx	( 50%): 12.1 lx
( 60%): 14.6 lx	( 70%): 17.0 lx	( 80%): 19.4 lx
( 90%): 21.9 lx		

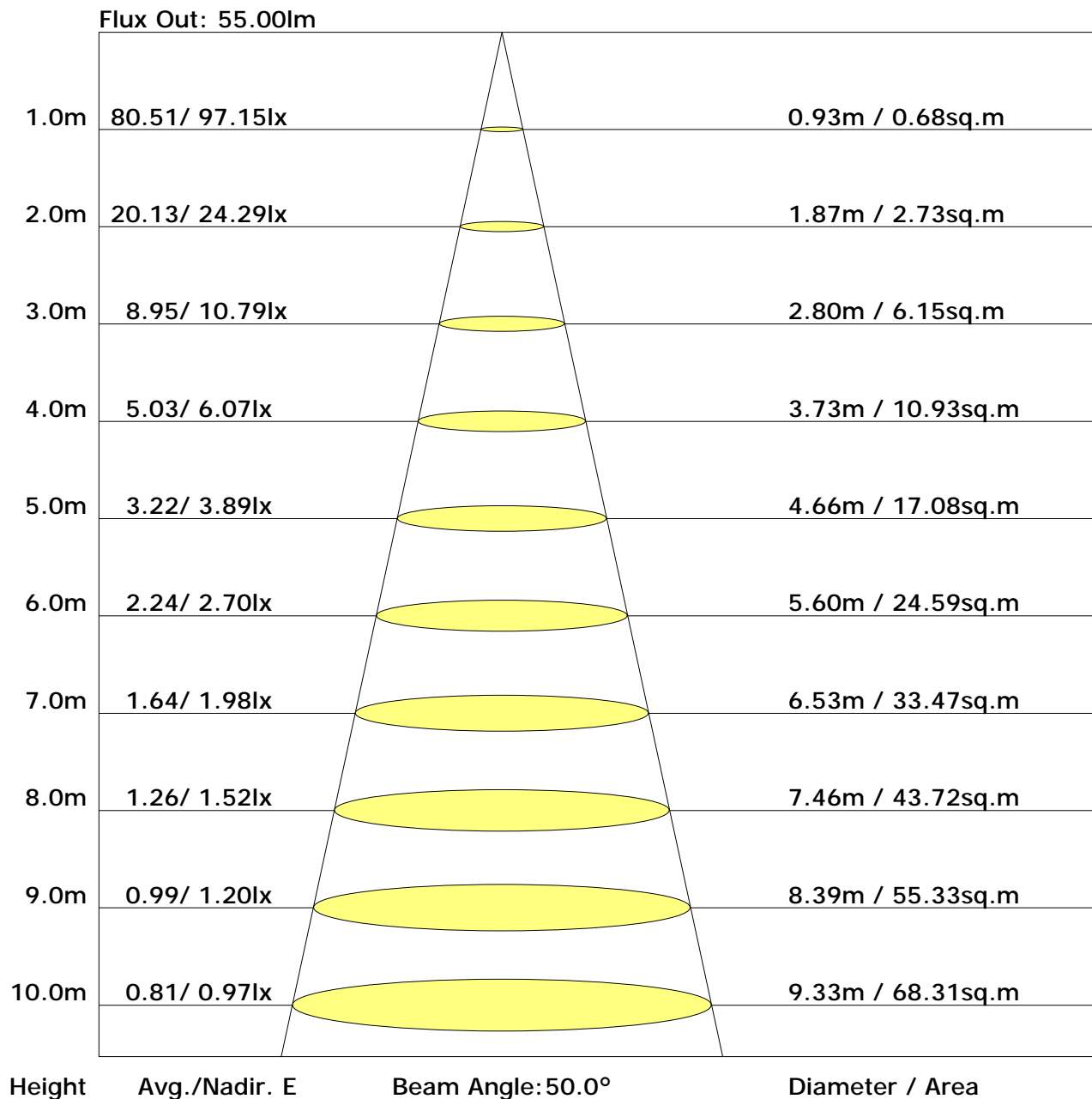
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Michael

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: Michael

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	16.2	17.6	16.7	18.1	18.8	16.8	18.2	17.3	18.7	19.4
3H	18.1	19.4	18.7	19.9	20.6	18.9	20.2	19.5	20.8	21.5
4H	18.8	20.0	19.4	20.7	21.4	19.8	21.0	20.4	21.7	22.4
6H	19.4	20.5	20.0	21.2	21.9	20.7	21.8	21.3	22.4	23.2
8H	19.6	20.7	20.3	21.3	22.1	21.1	22.2	21.7	22.8	23.5
12H	19.8	20.8	20.4	21.4	22.2	21.4	22.5	22.1	23.1	23.9
X=4H Y=2H	16.8	18.0	17.4	18.6	19.3	17.4	18.6	18.0	19.2	19.9
3H	18.9	19.9	19.5	20.6	21.3	19.8	20.8	20.4	21.5	22.2
4H	19.8	20.7	20.4	21.4	22.1	20.9	21.8	21.5	22.5	23.2
6H	20.5	21.3	21.1	22.0	22.8	21.9	22.7	22.6	23.4	24.2
8H	20.7	21.5	21.4	22.2	23.0	22.4	23.1	23.0	23.8	24.6
12H	20.9	21.6	21.6	22.3	23.1	22.8	23.5	23.5	24.2	25.0
X=8H Y=4H	20.1	20.9	20.8	21.6	22.4	21.2	22.0	21.9	22.7	23.5
6H	21.0	21.7	21.7	22.4	23.2	22.4	23.1	23.1	23.8	24.6
8H	21.3	21.9	22.0	22.7	23.5	23.0	23.6	23.7	24.4	25.2
12H	21.6	22.2	22.3	22.9	23.7	23.6	24.2	24.3	24.9	25.7
X=12H Y=4H	20.2	20.9	20.9	21.6	22.4	21.3	22.0	22.0	22.7	23.5
6H	21.1	21.7	21.8	22.4	23.2	22.5	23.1	23.3	23.8	24.7
8H	21.5	22.1	22.2	22.8	23.6	23.2	23.7	23.9	24.5	25.3

Calculate in accordance with CIE 190:2010

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

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	0.52	0.60	0.67	0.72	0.79	0.84	0.88	0.93	0.96	
	0.30		0.44	0.52	0.59	0.65	0.73	0.78	0.82	0.88	0.92	
	0.20		0.39	0.46	0.54	0.59	0.67	0.73	0.77	0.84	0.88	
0.50	0.50	0.20	0.49	0.56	0.63	0.67	0.74	0.78	0.82	0.86	0.89	
	0.30		0.42	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85	
	0.20		0.37	0.45	0.51	0.56	0.64	0.69	0.73	0.79	0.82	
0.30	0.50	0.20	0.46	0.53	0.59	0.63	0.69	0.73	0.76	0.80	0.82	
	0.30		0.40	0.47	0.53	0.58	0.64	0.69	0.72	0.77	0.80	
	0.20		0.36	0.42	0.49	0.54	0.60	0.65	0.69	0.74	0.77	
0.00	0.00	0.00	0.32	0.38	0.44	0.48	0.54	0.59	0.62	0.66	0.69	
Rating: 14W 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	0.98	0.85	0.73	0.64	0.52	0.44	0.38	0.30	0.25	
	0.30		0.82	0.72	0.63	0.57	0.47	0.41	0.36	0.29	0.24	
	0.20		0.70	0.63	0.56	0.51	0.43	0.37	0.33	0.27	0.23	
0.50	0.50	0.20	0.92	0.79	0.68	0.60	0.49	0.44	0.36	0.28	0.23	
	0.30		0.78	0.68	0.60	0.54	0.44	0.38	0.33	0.27	0.22	
	0.20		0.67	0.60	0.54	0.48	0.41	0.35	0.31	0.26	0.22	
0.30	0.50	0.20	0.86	0.74	0.63	0.56	0.45	0.38	0.33	0.26	0.22	
	0.30		0.74	0.65	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
	0.20		0.65	0.58	0.51	0.46	0.39	0.33	0.30	0.24	0.20	
0.00	0.00	0.00	0.53	0.47	0.41	0.37	0.31	0.26	0.23	0.19	0.16	
Rating: 14W 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	0.31	0.32	0.33	0.34	0.35	0.35	0.35	0.36	0.36
	0.30		0.24	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33
	0.20		0.19	0.21	0.22	0.23	0.25	0.26	0.28	0.29	0.30
0.50	0.50	0.20	0.30	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.35
	0.30		0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32
	0.20		0.19	0.20	0.22	0.23	0.24	0.26	0.27	0.28	0.29
0.30	0.50	0.20	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.33
	0.30		0.23	0.24	0.26	0.26	0.28	0.29	0.29	0.30	0.31
	0.20		0.19	0.20	0.21	0.22	0.24	0.25	0.26	0.28	0.29
0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Rating: 14W 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	97.1	0.1	0.1	0.02	0.02
1.0-2.0	97.1	0.3	0.4	0.07	0.09
2.0-3.0	97.0	0.5	0.8	0.12	0.21
3.0-4.0	97.0	0.6	1.5	0.16	0.38
4.0-5.0	96.9	0.8	2.3	0.21	0.59
5.0-6.0	96.8	1.0	3.3	0.26	0.85
6.0-7.0	96.6	1.2	4.5	0.30	1.15
7.0-8.0	96.5	1.4	5.9	0.35	1.50
8.0-9.0	96.3	1.6	7.5	0.40	1.90
9.0-10.0	96.1	1.7	9.2	0.44	2.34
10.0-11.0	95.9	1.9	11.1	0.49	2.82
11.0-12.0	95.6	2.1	13.2	0.53	3.35
12.0-13.0	95.3	2.3	15.5	0.57	3.93
13.0-14.0	95.0	2.4	17.9	0.62	4.55
14.0-15.0	94.7	2.6	20.5	0.66	5.21
15.0-16.0	94.3	2.8	23.3	0.70	5.91
16.0-17.0	94.0	2.9	26.2	0.74	6.65
17.0-18.0	93.5	3.1	29.3	0.78	7.43
18.0-19.0	93.1	3.2	32.5	0.82	8.26
19.0-20.0	92.6	3.4	35.9	0.86	9.12
20.0-21.0	92.1	3.5	39.5	0.90	10.01
21.0-22.0	91.6	3.7	43.1	0.93	10.95
22.0-23.0	91.0	3.8	47.0	0.97	11.92
23.0-24.0	90.4	4.0	50.9	1.00	12.92
24.0-25.0	89.8	4.1	55.0	1.04	13.96
25.0-26.0	89.1	4.2	59.2	1.07	15.02
26.0-27.0	88.5	4.3	63.5	1.10	16.12
27.0-28.0	87.7	4.4	68.0	1.13	17.25
28.0-29.0	87.0	4.6	72.5	1.16	18.40
29.0-30.0	86.2	4.7	77.2	1.18	19.59
30.0-31.0	85.4	4.8	81.9	1.21	20.79
31.0-32.0	84.6	4.8	86.8	1.23	22.02
32.0-33.0	83.8	4.9	91.7	1.25	23.28
33.0-34.0	82.9	5.0	96.7	1.27	24.55
34.0-35.0	82.0	5.1	101.8	1.29	25.84
35.0-36.0	81.1	5.2	107.0	1.31	27.15

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

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	80.1	5.2	112.2	1.33	28.48
37.0-38.0	79.2	5.3	117.5	1.34	29.82
38.0-39.0	78.2	5.3	122.8	1.35	31.17
39.0-40.0	77.2	5.4	128.2	1.37	32.54
40.0-41.0	76.1	5.4	133.6	1.38	33.91
41.0-42.0	75.1	5.5	139.1	1.38	35.30
42.0-43.0	74.0	5.5	144.6	1.39	36.69
43.0-44.0	72.9	5.5	150.1	1.40	38.09
44.0-45.0	71.8	5.5	155.6	1.40	39.49
45.0-46.0	70.6	5.5	161.1	1.40	40.89
46.0-47.0	69.5	5.5	166.7	1.40	42.29
47.0-48.0	68.3	5.5	172.2	1.40	43.69
48.0-49.0	67.1	5.5	177.7	1.40	45.09
49.0-50.0	65.9	5.5	183.2	1.39	46.48
50.0-51.0	64.7	5.5	188.7	1.39	47.87
51.0-52.0	63.4	5.4	194.1	1.38	49.25
52.0-53.0	62.2	5.4	199.5	1.37	50.63
53.0-54.0	60.9	5.4	204.9	1.36	51.99
54.0-55.0	59.7	5.3	210.2	1.35	53.34
55.0-56.0	58.4	5.3	215.5	1.34	54.68
56.0-57.0	57.0	5.2	220.7	1.32	56.01
57.0-58.0	55.7	5.2	225.9	1.31	57.31
58.0-59.0	54.4	5.1	230.9	1.29	58.60
59.0-60.0	53.1	5.0	236.0	1.27	59.88
60.0-61.0	51.7	4.9	240.9	1.25	61.13
61.0-62.0	50.4	4.9	245.8	1.23	62.36
62.0-63.0	49.0	4.8	250.5	1.21	63.57
63.0-64.0	47.6	4.7	255.2	1.19	64.76
64.0-65.0	46.2	4.6	259.8	1.16	65.92
65.0-66.0	44.9	4.5	264.2	1.14	67.06
66.0-67.0	43.5	4.4	268.6	1.11	68.16
67.0-68.0	42.1	4.3	272.9	1.08	69.25
68.0-69.0	40.6	4.1	277.0	1.05	70.30
69.0-70.0	39.2	4.0	281.1	1.02	71.32
70.0-71.0	37.8	3.9	285.0	0.99	72.31
71.0-72.0	36.4	3.8	288.7	0.96	73.27

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

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	35.0	3.7	292.4	0.93	74.20
73.0-74.0	33.5	3.5	295.9	0.89	75.09
74.0-75.0	32.1	3.4	299.3	0.86	75.96
75.0-76.0	30.7	3.3	302.6	0.83	76.78
76.0-77.0	29.3	3.1	305.7	0.79	77.57
77.0-78.0	27.8	3.0	308.7	0.76	78.33
78.0-79.0	26.4	2.8	311.5	0.72	79.05
79.0-80.0	25.0	2.7	314.2	0.68	79.73
80.0-81.0	23.6	2.6	316.8	0.65	80.38
81.0-82.0	22.3	2.4	319.2	0.61	81.00
82.0-83.0	21.1	2.3	321.5	0.58	81.58
83.0-84.0	20.0	2.2	323.7	0.55	82.13
84.0-85.0	19.0	2.1	325.7	0.53	82.66
85.0-86.0	18.1	2.0	327.7	0.50	83.16
86.0-87.0	17.3	1.9	329.6	0.48	83.64
87.0-88.0	16.5	1.8	331.4	0.46	84.10
88.0-89.0	15.8	1.7	333.2	0.44	84.54
89.0-90.0	15.2	1.7	334.8	0.42	84.96
90.0-91.0	14.6	1.6	336.4	0.41	85.37
91.0-92.0	14.0	1.5	337.9	0.39	85.76
92.0-93.0	13.6	1.5	339.4	0.38	86.14
93.0-94.0	13.3	1.5	340.9	0.37	86.50
94.0-95.0	13.1	1.4	342.3	0.36	86.87
95.0-96.0	12.9	1.4	343.7	0.36	87.22
96.0-97.0	12.8	1.4	345.1	0.35	87.58
97.0-98.0	12.7	1.4	346.5	0.35	87.93
98.0-99.0	12.6	1.4	347.9	0.35	88.28
99.0-100.0	12.5	1.4	349.2	0.34	88.62
100.0-101.0	12.5	1.3	350.6	0.34	88.96
101.0-102.0	12.4	1.3	351.9	0.34	89.30
102.0-103.0	12.3	1.3	353.2	0.33	89.63
103.0-104.0	12.2	1.3	354.5	0.33	89.96
104.0-105.0	12.1	1.3	355.8	0.33	90.29
105.0-106.0	12.0	1.3	357.1	0.32	90.61
106.0-107.0	12.0	1.3	358.3	0.32	90.93
107.0-108.0	11.9	1.2	359.6	0.31	91.25

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

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	11.8	1.2	360.8	0.31	91.56
109.0-110.0	11.7	1.2	362.0	0.31	91.87
110.0-111.0	11.6	1.2	363.2	0.30	92.17
111.0-112.0	11.4	1.2	364.4	0.30	92.46
112.0-113.0	11.3	1.1	365.5	0.29	92.75
113.0-114.0	11.2	1.1	366.6	0.29	93.04
114.0-115.0	11.1	1.1	367.7	0.28	93.32
115.0-116.0	10.9	1.1	368.8	0.27	93.59
116.0-117.0	10.8	1.1	369.9	0.27	93.86
117.0-118.0	10.7	1.0	370.9	0.26	94.13
118.0-119.0	10.5	1.0	371.9	0.26	94.38
119.0-120.0	10.4	1.0	372.9	0.25	94.63
120.0-121.0	10.2	1.0	373.9	0.25	94.88
121.0-122.0	10.1	0.9	374.8	0.24	95.12
122.0-123.0	9.9	0.9	375.8	0.23	95.35
123.0-124.0	9.7	0.9	376.6	0.23	95.58
124.0-125.0	9.5	0.9	377.5	0.22	95.80
125.0-126.0	9.4	0.8	378.3	0.21	96.01
126.0-127.0	9.2	0.8	379.2	0.21	96.21
127.0-128.0	9.0	0.8	379.9	0.20	96.41
128.0-129.0	8.8	0.8	380.7	0.19	96.60
129.0-130.0	8.7	0.7	381.4	0.19	96.79
130.0-131.0	8.6	0.7	382.1	0.18	96.97
131.0-132.0	8.4	0.7	382.8	0.18	97.15
132.0-133.0	8.3	0.7	383.5	0.17	97.32
133.0-134.0	8.1	0.6	384.2	0.16	97.48
134.0-135.0	8.0	0.6	384.8	0.16	97.64
135.0-136.0	7.8	0.6	385.4	0.15	97.79
136.0-137.0	7.6	0.6	386.0	0.15	97.94
137.0-138.0	7.5	0.6	386.5	0.14	98.08
138.0-139.0	7.3	0.5	387.0	0.13	98.21
139.0-140.0	7.1	0.5	387.5	0.13	98.34
140.0-141.0	6.9	0.5	388.0	0.12	98.47
141.0-142.0	6.7	0.5	388.5	0.12	98.58
142.0-143.0	6.4	0.4	388.9	0.11	98.69
143.0-144.0	6.3	0.4	389.3	0.10	98.79

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

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	6.1	0.4	389.7	0.10	98.89
145.0-146.0	5.9	0.4	390.1	0.09	98.99
146.0-147.0	5.7	0.3	390.4	0.09	99.07
147.0-148.0	5.5	0.3	390.7	0.08	99.16
148.0-149.0	5.3	0.3	391.0	0.08	99.23
149.0-150.0	5.1	0.3	391.3	0.07	99.30
150.0-151.0	4.8	0.3	391.6	0.07	99.37
151.0-152.0	4.6	0.2	391.8	0.06	99.43
152.0-153.0	4.4	0.2	392.1	0.06	99.49
153.0-154.0	4.2	0.2	392.3	0.05	99.54
154.0-155.0	4.0	0.2	392.4	0.05	99.59
155.0-156.0	3.8	0.2	392.6	0.04	99.63
156.0-157.0	3.7	0.2	392.8	0.04	99.67
157.0-158.0	3.5	0.1	392.9	0.04	99.71
158.0-159.0	3.4	0.1	393.1	0.03	99.74
159.0-160.0	3.2	0.1	393.2	0.03	99.78
160.0-161.0	3.1	0.1	393.3	0.03	99.80
161.0-162.0	2.9	0.1	393.4	0.03	99.83
162.0-163.0	2.8	0.1	393.5	0.02	99.85
163.0-164.0	2.7	0.1	393.6	0.02	99.87
164.0-165.0	2.5	0.1	393.7	0.02	99.89
165.0-166.0	2.4	0.1	393.7	0.02	99.91
166.0-167.0	2.3	0.1	393.8	0.01	99.92
167.0-168.0	2.2	0.1	393.8	0.01	99.94
168.0-169.0	2.1	0.0	393.9	0.01	99.95
169.0-170.0	2.0	0.0	393.9	0.01	99.96
170.0-171.0	1.9	0.0	393.9	0.01	99.97
171.0-172.0	1.8	0.0	394.0	0.01	99.98
172.0-173.0	1.7	0.0	394.0	0.01	99.98
173.0-174.0	1.7	0.0	394.0	0.01	99.99
174.0-175.0	1.6	0.0	394.0	0.00	99.99
175.0-176.0	1.5	0.0	394.1	0.00	99.99
176.0-177.0	1.5	0.0	394.1	0.00	100.00
177.0-178.0	1.4	0.0	394.1	0.00	100.00
178.0-179.0	1.4	0.0	394.1	0.00	100.00
179.0-180.0	1.3	0.0	394.1	0.00	100.00

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

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