

Report No.:

Test Time: 2023/10/30 15:21

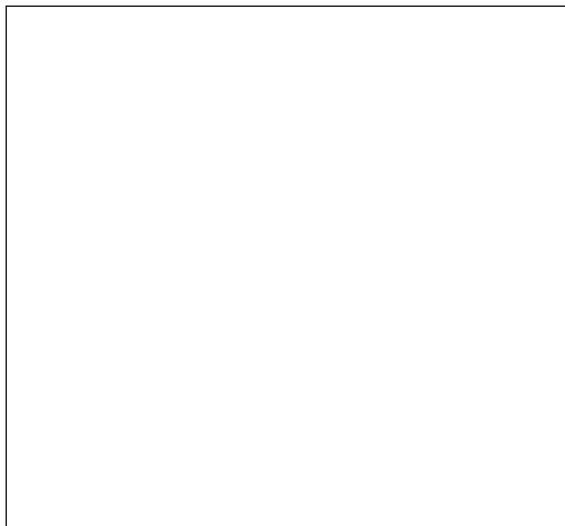
## Luminaire Property

Luminaire Manufacturer: Acolyte  
Luminaire Category: Scroll pendants  
Luminaire Description: Scroll pendants C35 VW SO 14W  
Lamp Catalog: warm only  
Luminous Width (mm): 40  
Voltage: 24.0 V  
Power: 2.73 W  
Luminous Length (mm): 300  
Luminous Height (mm): 30  
Current: 0.114 A  
Power Factor: 1.000

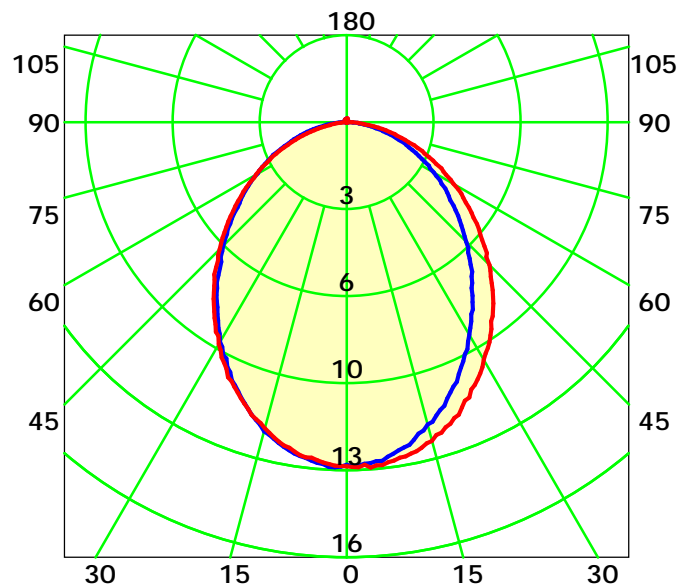
## Photometric Results

CIE Class: Direct  
Measurement Flux: 30.9 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H155.2,H89.9  
Vertical Diffuse Angle(10%,50%): V155.2,V96.9  
Luminaire Efficacy Rating (LER): 11  
Max. Intensity: 13.29 cd  
Total Rated Lamp Lumens: 30.9 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 13.13 cd  
Pos of Max. Intensity: H120 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



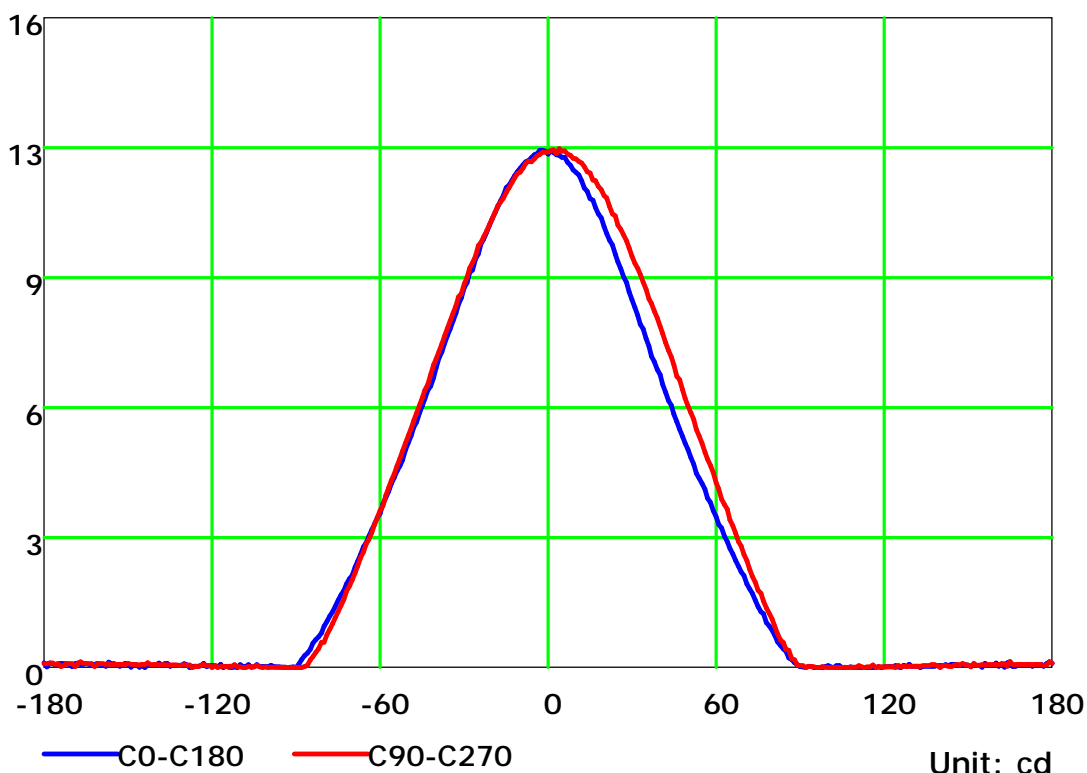
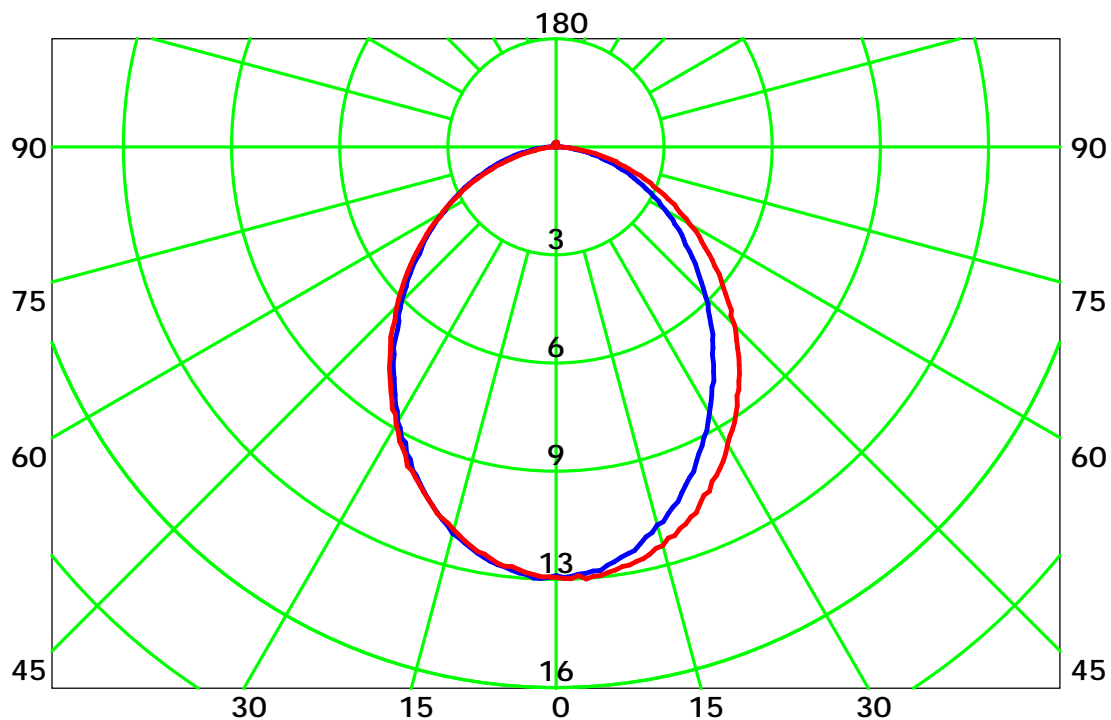
Average Diffuse Angle(50%): 93.4° Unit: cd

— C0-C180 — C90-C270

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

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

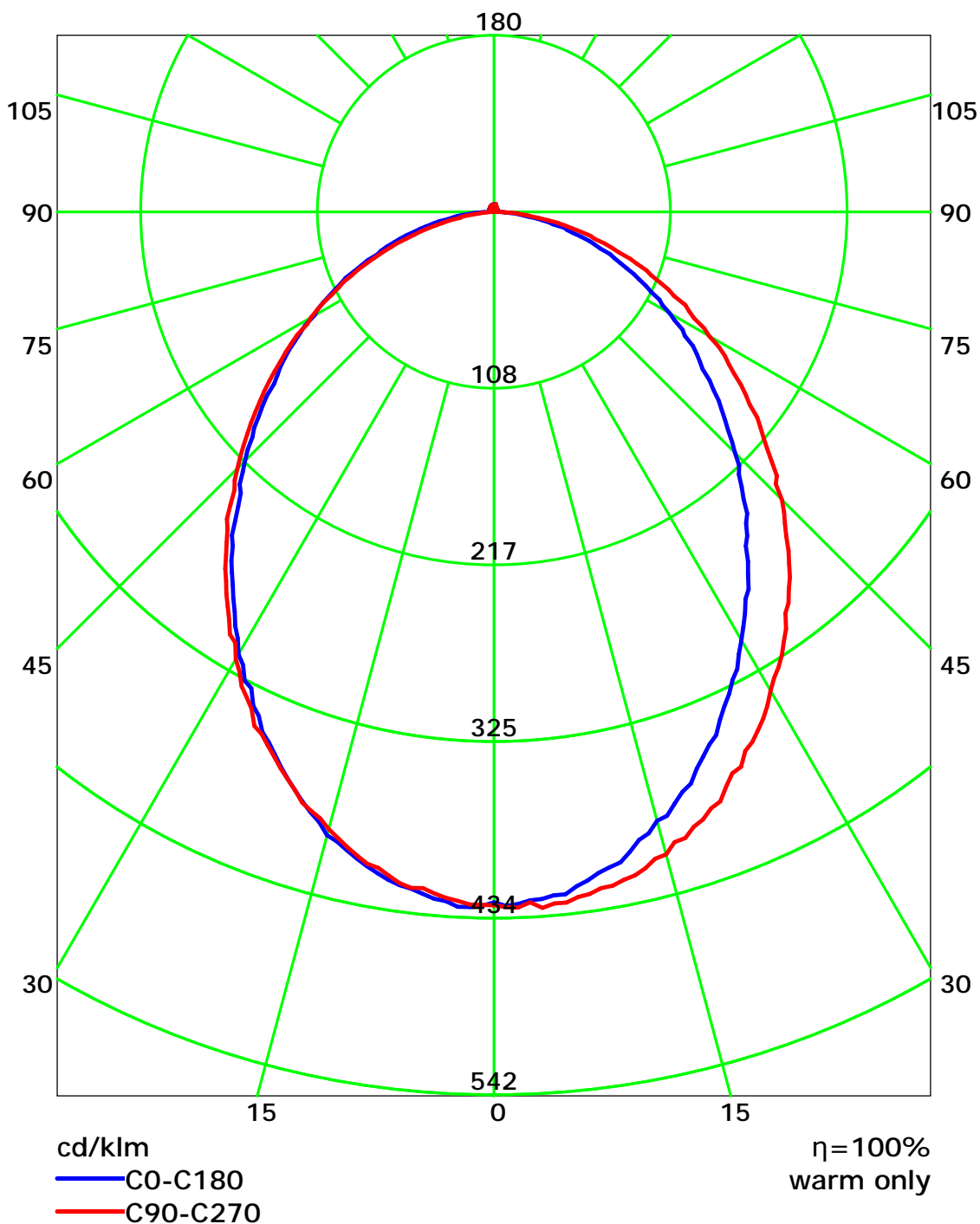
## Luminous Intensity Distribution Curve



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

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: Nick

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

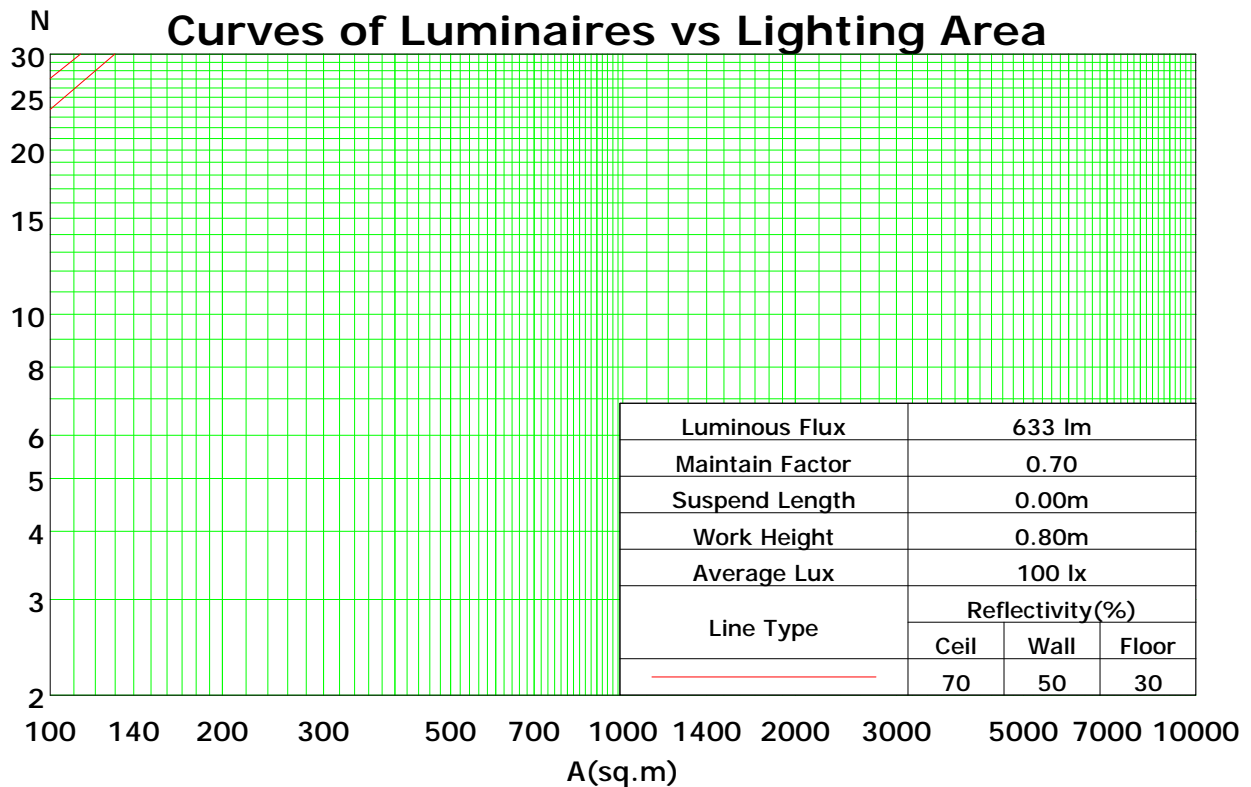
## Coefficients Of Utilization - Zonal Cavity Method

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	109	105	101	97	106	102	99	95	98	95	92	94	91	89	90	88	86	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	80	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	54	52
5	77	65	56	50	75	64	56	50	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	42	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	44	39	34	32
9	58	45	37	32	57	45	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

Spacing Criteria (0-180): 1.10

Spacing Criteria (90-270): 1.16

Spacing Criteria (Diagonal): 1.24



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

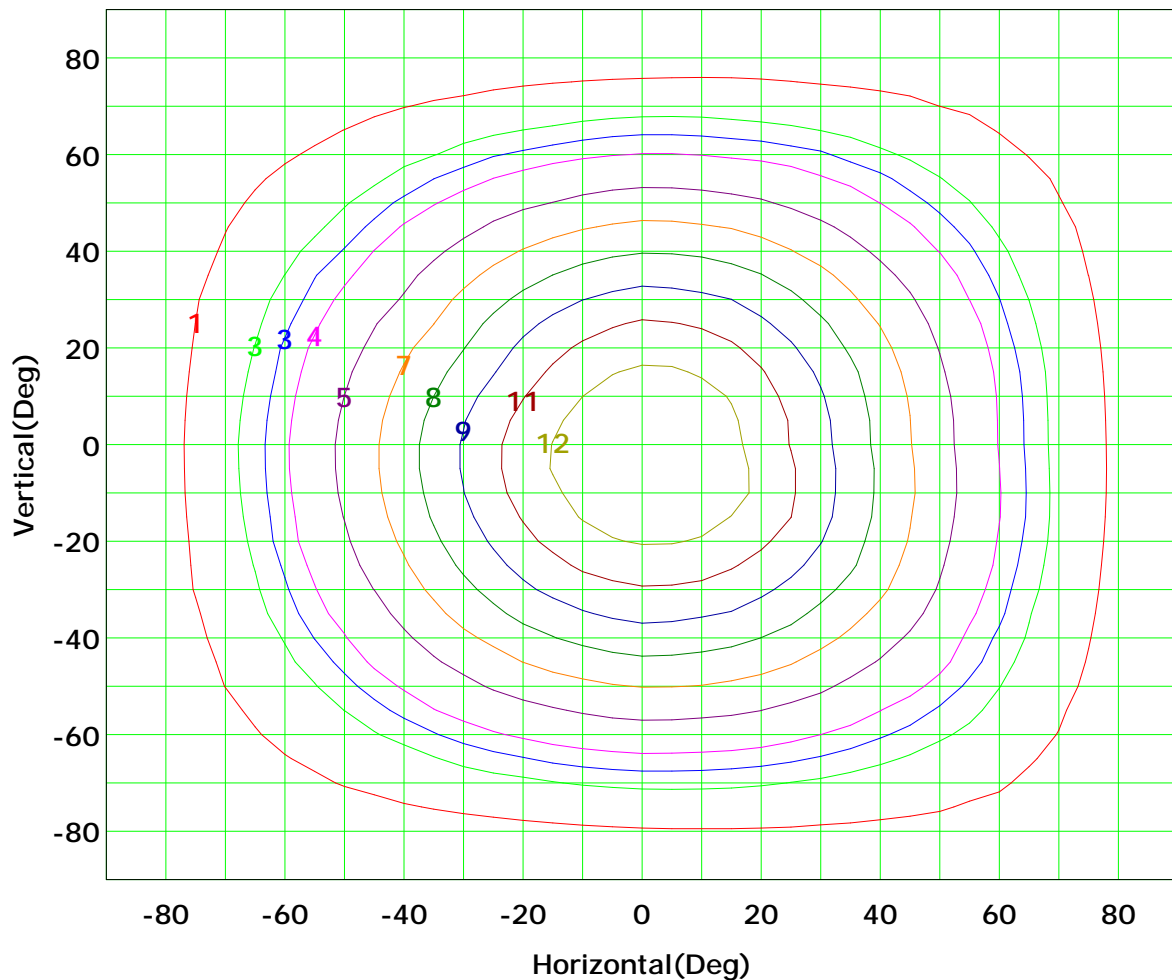
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



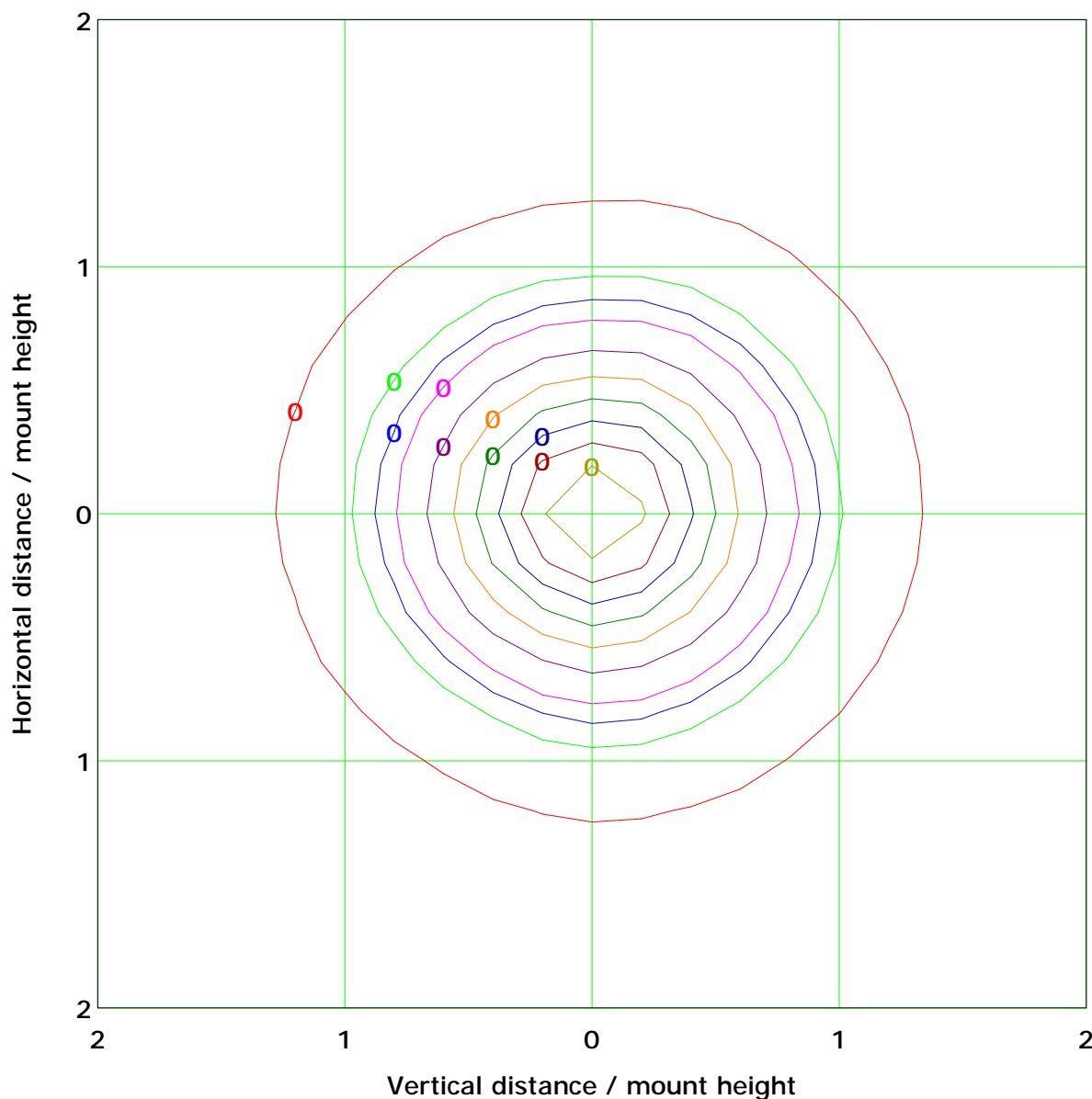
I<sub>max</sub> (100%): 13 cd

( 10%):	1 cd	( 20%):	3 cd
( 25%):	3 cd	( 30%):	4 cd
( 40%):	5 cd	( 50%):	7 cd
( 60%):	8 cd	( 70%):	9 cd
( 80%):	11 cd	( 90%):	12 cd

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

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

## IsoLux Plot



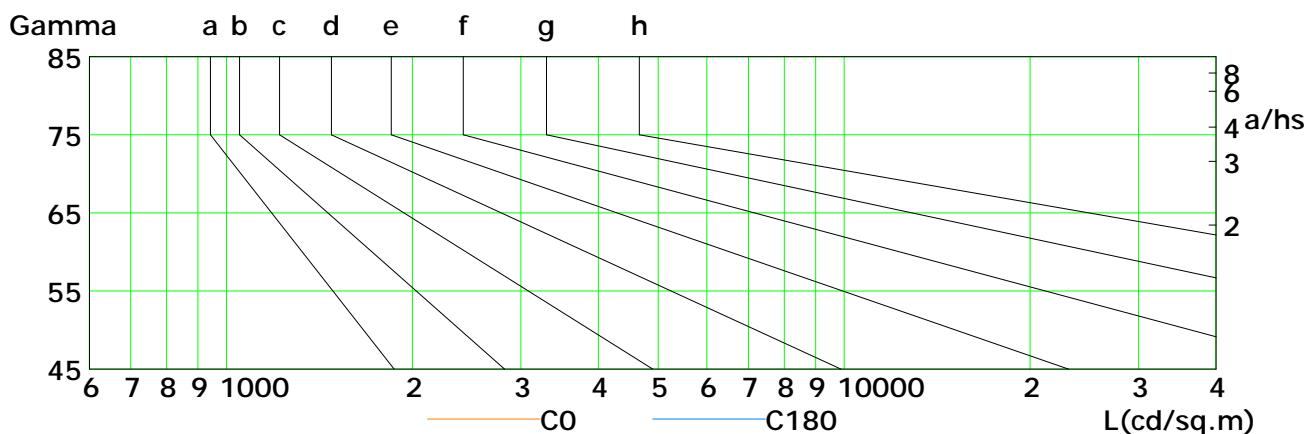
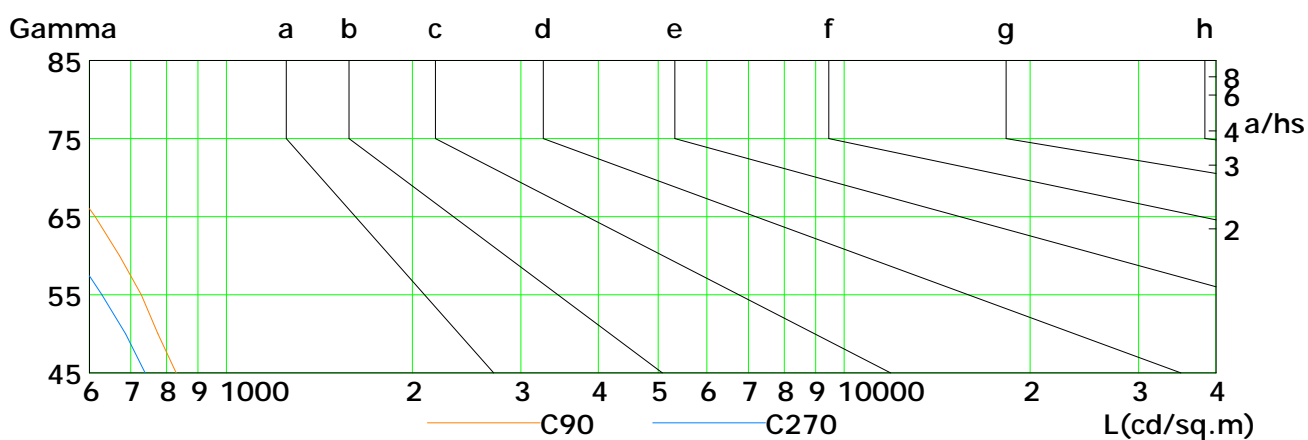
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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

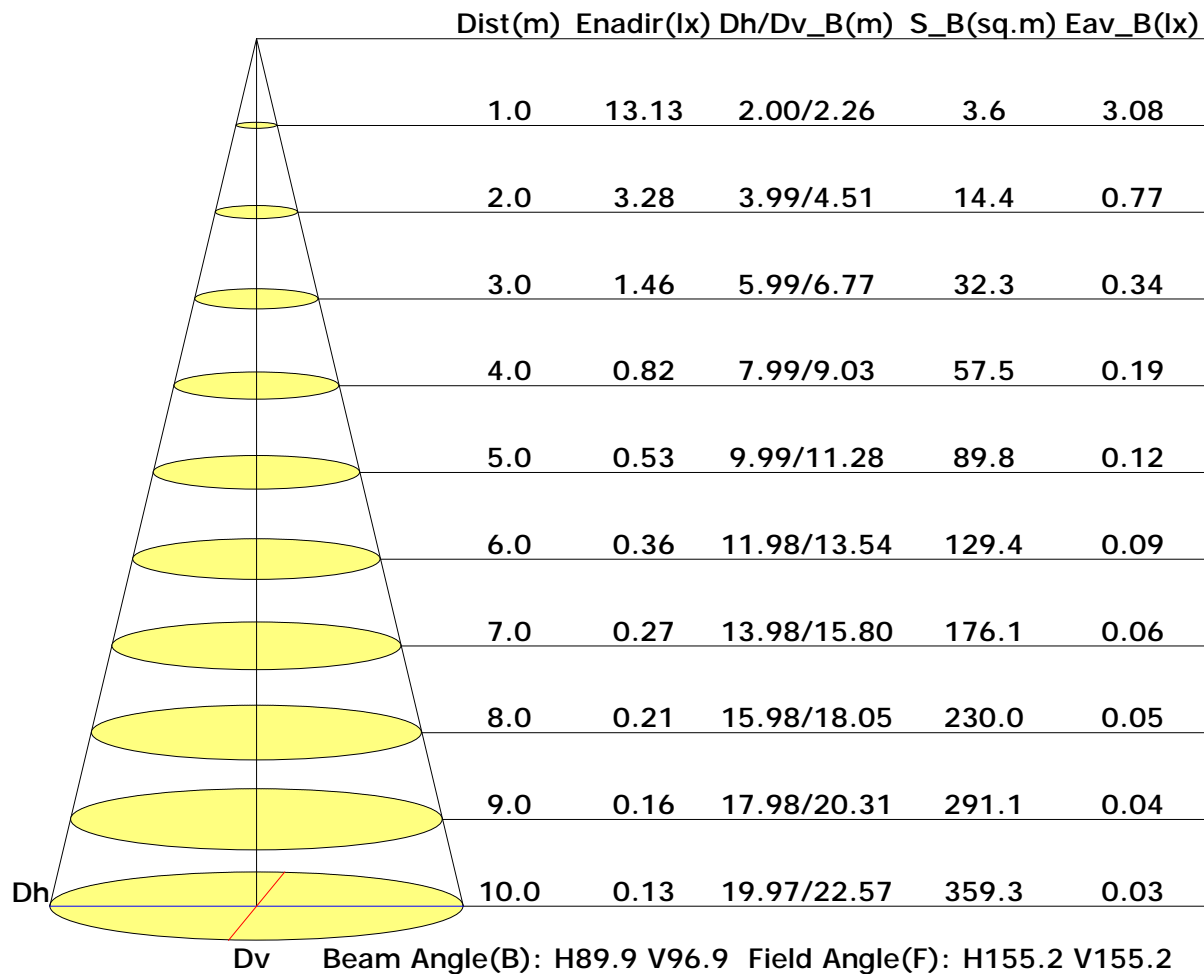


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	436	382	330	280	231	187	132	87	42
C90	829	775	728	672	614	552	464	380	210
C180	451	394	341	286	242	188	146	97	47
C270	739	687	629	571	515	430	338	199	89

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

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

## Illuminance at a Distance

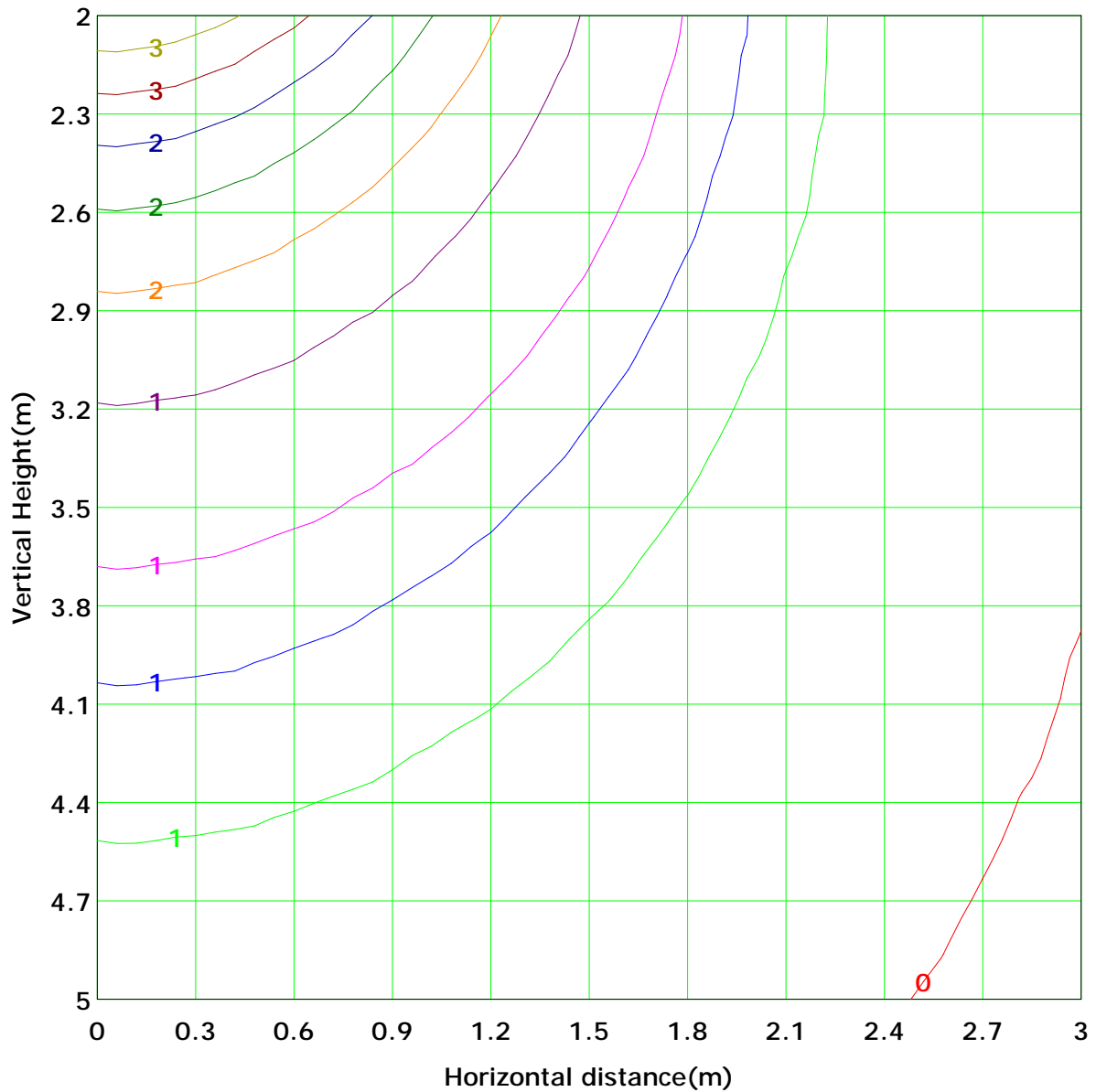


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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: 3.3 lx
( 10%): 0.3 lx	( 20%): 0.7 lx	
( 25%): 0.8 lx	( 30%): 1.0 lx	
( 40%): 1.3 lx	( 50%): 1.6 lx	
( 60%): 2.0 lx	( 70%): 2.3 lx	
( 80%): 2.6 lx	( 90%): 3.0 lx	

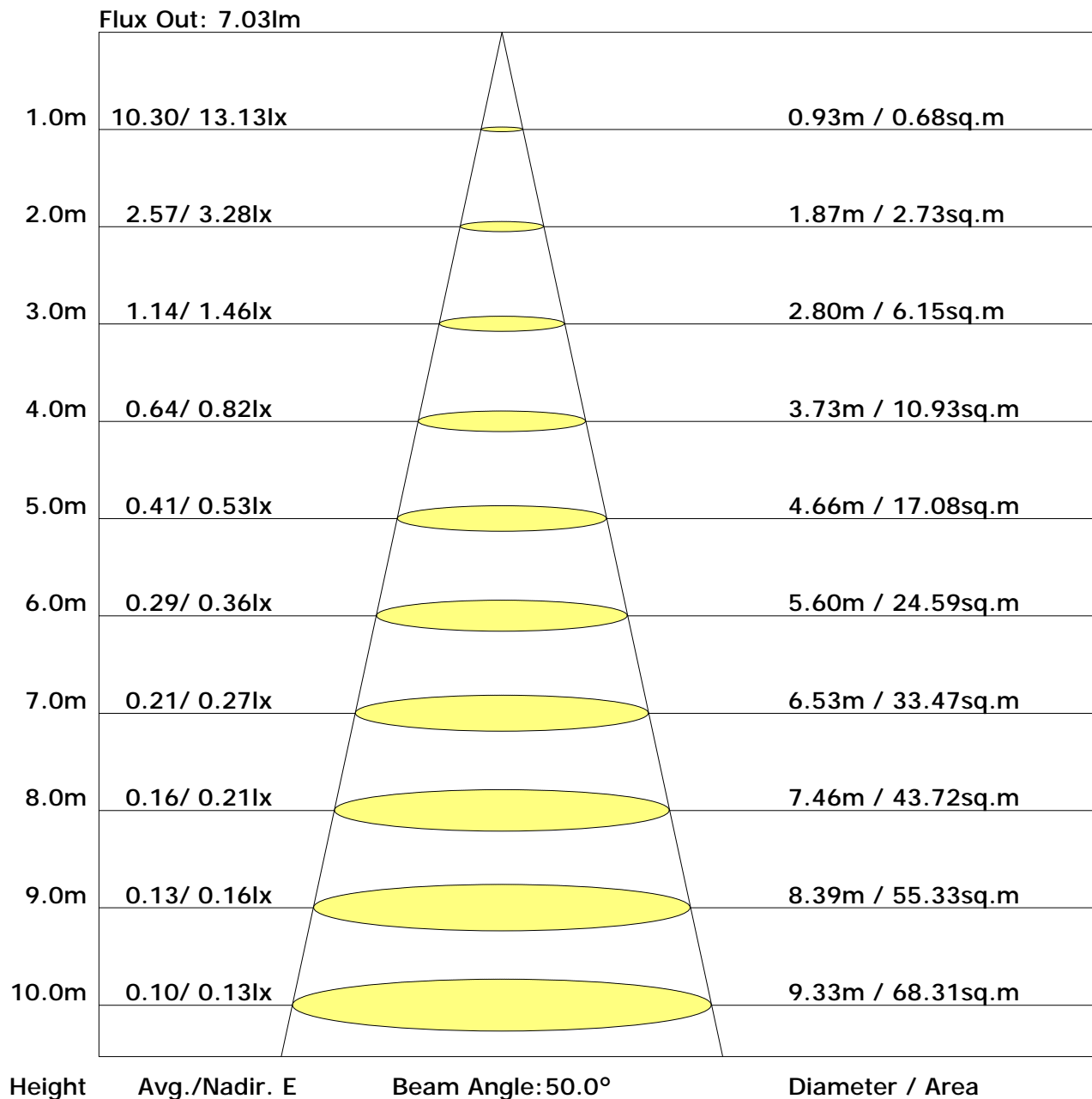
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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: Nick

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	20.7	22.2	21.1	22.6	22.9	20.8	22.4	21.2	22.7	23.1
3H	22.2	23.6	22.6	24.0	24.4	22.2	23.6	22.6	23.9	24.3
4H	22.8	24.1	23.2	24.5	24.9	22.6	23.9	23.0	24.3	24.7
6H	23.1	24.4	23.6	24.7	25.2	22.9	24.1	23.3	24.5	24.9
8H	23.2	24.4	23.7	24.8	25.2	22.9	24.1	23.3	24.5	24.9
12H	23.3	24.4	23.7	24.8	25.2	22.9	24.0	23.4	24.4	24.9
X=4H Y=2H	21.1	22.4	21.5	22.7	23.1	21.3	22.7	21.8	23.0	23.4
3H	22.7	23.8	23.1	24.2	24.6	22.9	24.0	23.3	24.4	24.8
4H	23.3	24.3	23.8	24.8	25.2	23.4	24.4	23.9	24.8	25.3
6H	23.8	24.6	24.2	25.1	25.6	23.8	24.6	24.2	25.1	25.6
8H	23.9	24.7	24.4	25.2	25.6	23.8	24.6	24.3	25.1	25.6
12H	24.0	24.7	24.5	25.2	25.7	23.9	24.6	24.4	25.1	25.6
X=8H Y=4H	23.4	24.2	23.9	24.7	25.2	23.6	24.4	24.1	24.9	25.4
6H	23.9	24.6	24.4	25.1	25.6	24.0	24.7	24.6	25.2	25.7
8H	24.1	24.7	24.6	25.2	25.7	24.2	24.8	24.7	25.3	25.8
12H	24.2	24.7	24.7	25.2	25.8	24.2	24.8	24.7	25.3	25.8
X=12H Y=4H	23.4	24.1	23.9	24.6	25.1	23.7	24.4	24.1	24.9	25.4
6H	23.9	24.5	24.4	25.0	25.5	24.1	24.7	24.6	25.2	25.7
8H	24.1	24.6	24.6	25.1	25.7	24.2	24.8	24.8	25.3	25.8

Calculate in accordance with CIE 190:2010

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

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 = 1.25								
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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.53	0.63	0.70	0.75	0.83	0.89	0.92	0.97	1.01
	0.20		0.47	0.57	0.65	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.75	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.52	0.61	0.68	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.57	0.64	0.69	0.77	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.57	0.66	0.72	0.77	0.83	0.87	0.90	0.93	0.96
	0.30		0.51	0.60	0.67	0.72	0.79	0.83	0.86	0.91	0.94
	0.20		0.46	0.56	0.63	0.68	0.75	0.80	0.84	0.88	0.91
0.00	0.00	0.00	0.44	0.53	0.60	0.65	0.72	0.76	0.79	0.84	0.87
<p>Rating: 3W 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	0.95	0.78	0.66	0.57	0.46	0.38	0.32	0.25	0.20	
	0.30		0.79	0.67	0.58	0.51	0.41	0.35	0.30	0.24	0.20	
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.19	
0.50	0.50	0.20	0.91	0.75	0.63	0.55	0.44	0.39	0.31	0.24	0.19	
	0.30		0.77	0.65	0.56	0.49	0.40	0.33	0.29	0.22	0.19	
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.30	0.50	0.20	0.88	0.71	0.60	0.52	0.42	0.34	0.29	0.23	0.18	
	0.30		0.75	0.63	0.54	0.48	0.38	0.32	0.28	0.22	0.18	
	0.20		0.66	0.56	0.49	0.44	0.36	0.30	0.26	0.21	0.17	
0.00	0.00	0.00	0.55	0.46	0.39	0.35	0.28	0.23	0.20	0.16	0.13	
Rating: 3W 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	0.17	0.18	0.19	0.20	0.21	0.21	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	0.17	0.18
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	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: 3W 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	13.2	0.0	0.0	0.04	0.04
1.0-2.0	13.2	0.0	0.1	0.12	0.16
2.0-3.0	13.2	0.1	0.1	0.20	0.37
3.0-4.0	13.1	0.1	0.2	0.28	0.65
4.0-5.0	13.1	0.1	0.3	0.36	1.02
5.0-6.0	13.1	0.1	0.5	0.44	1.46
6.0-7.0	13.0	0.2	0.6	0.52	1.98
7.0-8.0	13.0	0.2	0.8	0.60	2.58
8.0-9.0	12.9	0.2	1.0	0.68	3.26
9.0-10.0	12.8	0.2	1.2	0.75	4.01
10.0-11.0	12.7	0.3	1.5	0.82	4.83
11.0-12.0	12.6	0.3	1.8	0.89	5.72
12.0-13.0	12.6	0.3	2.1	0.96	6.68
13.0-14.0	12.4	0.3	2.4	1.03	7.71
14.0-15.0	12.3	0.3	2.7	1.09	8.81
15.0-16.0	12.2	0.4	3.1	1.16	9.96
16.0-17.0	12.1	0.4	3.5	1.22	11.18
17.0-18.0	11.9	0.4	3.9	1.27	12.45
18.0-19.0	11.8	0.4	4.3	1.33	13.78
19.0-20.0	11.7	0.4	4.7	1.38	15.16
20.0-21.0	11.5	0.4	5.1	1.43	16.59
21.0-22.0	11.3	0.5	5.6	1.47	18.06
22.0-23.0	11.2	0.5	6.1	1.52	19.58
23.0-24.0	11.0	0.5	6.5	1.56	21.14
24.0-25.0	10.9	0.5	7.0	1.60	22.73
25.0-26.0	10.7	0.5	7.5	1.63	24.36
26.0-27.0	10.5	0.5	8.1	1.66	26.03
27.0-28.0	10.3	0.5	8.6	1.69	27.72
28.0-29.0	10.2	0.5	9.1	1.72	29.43
29.0-30.0	10.0	0.5	9.6	1.74	31.17
30.0-31.0	9.8	0.5	10.2	1.76	32.93
31.0-32.0	9.6	0.5	10.7	1.77	34.70
32.0-33.0	9.4	0.6	11.3	1.79	36.49
33.0-34.0	9.2	0.6	11.8	1.80	38.29
34.0-35.0	9.0	0.6	12.4	1.81	40.10
35.0-36.0	8.8	0.6	13.0	1.81	41.91

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

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	8.6	0.6	13.5	1.82	43.73
37.0-38.0	8.4	0.6	14.1	1.82	45.54
38.0-39.0	8.2	0.6	14.7	1.82	47.36
39.0-40.0	8.0	0.6	15.2	1.81	49.17
40.0-41.0	7.8	0.6	15.8	1.80	50.98
41.0-42.0	7.6	0.6	16.3	1.79	52.77
42.0-43.0	7.4	0.6	16.9	1.78	54.55
43.0-44.0	7.2	0.5	17.4	1.77	56.32
44.0-45.0	7.0	0.5	18.0	1.75	58.07
45.0-46.0	6.9	0.5	18.5	1.73	59.80
46.0-47.0	6.7	0.5	19.0	1.71	61.51
47.0-48.0	6.5	0.5	19.6	1.69	63.20
48.0-49.0	6.3	0.5	20.1	1.67	64.87
49.0-50.0	6.1	0.5	20.6	1.64	66.51
50.0-51.0	5.9	0.5	21.1	1.61	68.12
51.0-52.0	5.7	0.5	21.6	1.58	69.70
52.0-53.0	5.5	0.5	22.0	1.55	71.25
53.0-54.0	5.3	0.5	22.5	1.52	72.77
54.0-55.0	5.2	0.5	23.0	1.49	74.25
55.0-56.0	5.0	0.4	23.4	1.45	75.70
56.0-57.0	4.8	0.4	23.9	1.42	77.12
57.0-58.0	4.6	0.4	24.3	1.38	78.50
58.0-59.0	4.4	0.4	24.7	1.34	79.84
59.0-60.0	4.2	0.4	25.1	1.30	81.14
60.0-61.0	4.1	0.4	25.5	1.25	82.39
61.0-62.0	3.9	0.4	25.9	1.22	83.61
62.0-63.0	3.7	0.4	26.2	1.17	84.78
63.0-64.0	3.6	0.3	26.6	1.13	85.91
64.0-65.0	3.4	0.3	26.9	1.09	87.00
65.0-66.0	3.2	0.3	27.2	1.04	88.04
66.0-67.0	3.0	0.3	27.5	0.99	89.03
67.0-68.0	2.9	0.3	27.8	0.94	89.97
68.0-69.0	2.7	0.3	28.1	0.90	90.86
69.0-70.0	2.6	0.3	28.4	0.85	91.71
70.0-71.0	2.4	0.2	28.6	0.80	92.51
71.0-72.0	2.2	0.2	28.9	0.75	93.26

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

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	2.1	0.2	29.1	0.70	93.96
73.0-74.0	1.9	0.2	29.3	0.66	94.62
74.0-75.0	1.8	0.2	29.5	0.61	95.22
75.0-76.0	1.6	0.2	29.6	0.56	95.78
76.0-77.0	1.5	0.2	29.8	0.51	96.30
77.0-78.0	1.3	0.1	29.9	0.46	96.76
78.0-79.0	1.2	0.1	30.1	0.42	97.18
79.0-80.0	1.1	0.1	30.2	0.37	97.55
80.0-81.0	0.9	0.1	30.3	0.33	97.87
81.0-82.0	0.8	0.1	30.4	0.28	98.15
82.0-83.0	0.7	0.1	30.4	0.24	98.39
83.0-84.0	0.6	0.1	30.5	0.21	98.60
84.0-85.0	0.5	0.1	30.6	0.17	98.76
85.0-86.0	0.4	0.0	30.6	0.13	98.89
86.0-87.0	0.3	0.0	30.6	0.09	98.99
87.0-88.0	0.2	0.0	30.6	0.07	99.05
88.0-89.0	0.1	0.0	30.7	0.05	99.10
89.0-90.0	0.1	0.0	30.7	0.03	99.13
90.0-91.0	0.0	0.0	30.7	0.02	99.14
91.0-92.0	0.0	0.0	30.7	0.01	99.15
92.0-93.0	0.0	0.0	30.7	0.01	99.16
93.0-94.0	0.0	0.0	30.7	0.00	99.17
94.0-95.0	0.0	0.0	30.7	0.01	99.17
95.0-96.0	0.0	0.0	30.7	0.00	99.18
96.0-97.0	0.0	0.0	30.7	0.00	99.18
97.0-98.0	0.0	0.0	30.7	0.00	99.18
98.0-99.0	0.0	0.0	30.7	0.01	99.19
99.0-100.0	0.0	0.0	30.7	0.01	99.20
100.0-101.0	0.0	0.0	30.7	0.01	99.20
101.0-102.0	0.0	0.0	30.7	0.01	99.21
102.0-103.0	0.0	0.0	30.7	0.01	99.22
103.0-104.0	0.0	0.0	30.7	0.01	99.22
104.0-105.0	0.0	0.0	30.7	0.01	99.24
105.0-106.0	0.0	0.0	30.7	0.01	99.24
106.0-107.0	0.0	0.0	30.7	0.01	99.25
107.0-108.0	0.0	0.0	30.7	0.01	99.26

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

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	0.0	0.0	30.7	0.01	99.27
109.0-110.0	0.0	0.0	30.7	0.01	99.28
110.0-111.0	0.0	0.0	30.7	0.01	99.29
111.0-112.0	0.0	0.0	30.7	0.01	99.29
112.0-113.0	0.0	0.0	30.7	0.01	99.30
113.0-114.0	0.0	0.0	30.7	0.01	99.31
114.0-115.0	0.0	0.0	30.7	0.01	99.32
115.0-116.0	0.0	0.0	30.7	0.01	99.33
116.0-117.0	0.0	0.0	30.7	0.01	99.34
117.0-118.0	0.0	0.0	30.7	0.01	99.35
118.0-119.0	0.0	0.0	30.7	0.01	99.36
119.0-120.0	0.0	0.0	30.7	0.01	99.38
120.0-121.0	0.0	0.0	30.8	0.01	99.39
121.0-122.0	0.0	0.0	30.8	0.01	99.40
122.0-123.0	0.0	0.0	30.8	0.01	99.41
123.0-124.0	0.0	0.0	30.8	0.01	99.42
124.0-125.0	0.0	0.0	30.8	0.01	99.44
125.0-126.0	0.0	0.0	30.8	0.01	99.45
126.0-127.0	0.0	0.0	30.8	0.01	99.46
127.0-128.0	0.0	0.0	30.8	0.01	99.47
128.0-129.0	0.0	0.0	30.8	0.01	99.48
129.0-130.0	0.0	0.0	30.8	0.01	99.50
130.0-131.0	0.0	0.0	30.8	0.01	99.51
131.0-132.0	0.0	0.0	30.8	0.01	99.52
132.0-133.0	0.0	0.0	30.8	0.01	99.53
133.0-134.0	0.0	0.0	30.8	0.01	99.55
134.0-135.0	0.0	0.0	30.8	0.01	99.56
135.0-136.0	0.0	0.0	30.8	0.01	99.57
136.0-137.0	0.1	0.0	30.8	0.01	99.58
137.0-138.0	0.1	0.0	30.8	0.01	99.60
138.0-139.0	0.1	0.0	30.8	0.02	99.61
139.0-140.0	0.1	0.0	30.8	0.01	99.63
140.0-141.0	0.1	0.0	30.8	0.01	99.64
141.0-142.0	0.1	0.0	30.8	0.01	99.65
142.0-143.0	0.1	0.0	30.8	0.01	99.67
143.0-144.0	0.1	0.0	30.8	0.01	99.68

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

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	0.1	0.0	30.8	0.01	99.69
145.0-146.0	0.1	0.0	30.9	0.01	99.71
146.0-147.0	0.1	0.0	30.9	0.02	99.72
147.0-148.0	0.1	0.0	30.9	0.02	99.74
148.0-149.0	0.1	0.0	30.9	0.02	99.76
149.0-150.0	0.1	0.0	30.9	0.02	99.77
150.0-151.0	0.1	0.0	30.9	0.01	99.79
151.0-152.0	0.1	0.0	30.9	0.01	99.80
152.0-153.0	0.1	0.0	30.9	0.01	99.81
153.0-154.0	0.1	0.0	30.9	0.01	99.83
154.0-155.0	0.1	0.0	30.9	0.01	99.84
155.0-156.0	0.1	0.0	30.9	0.01	99.85
156.0-157.0	0.1	0.0	30.9	0.01	99.86
157.0-158.0	0.1	0.0	30.9	0.01	99.87
158.0-159.0	0.1	0.0	30.9	0.01	99.88
159.0-160.0	0.1	0.0	30.9	0.01	99.89
160.0-161.0	0.1	0.0	30.9	0.01	99.90
161.0-162.0	0.1	0.0	30.9	0.01	99.91
162.0-163.0	0.1	0.0	30.9	0.01	99.92
163.0-164.0	0.1	0.0	30.9	0.01	99.93
164.0-165.0	0.1	0.0	30.9	0.01	99.94
165.0-166.0	0.1	0.0	30.9	0.01	99.95
166.0-167.0	0.1	0.0	30.9	0.01	99.96
167.0-168.0	0.1	0.0	30.9	0.01	99.96
168.0-169.0	0.1	0.0	30.9	0.01	99.97
169.0-170.0	0.1	0.0	30.9	0.01	99.97
170.0-171.0	0.1	0.0	30.9	0.00	99.98
171.0-172.0	0.1	0.0	30.9	0.00	99.98
172.0-173.0	0.1	0.0	30.9	0.00	99.99
173.0-174.0	0.1	0.0	30.9	0.00	99.99
174.0-175.0	0.1	0.0	30.9	0.00	99.99
175.0-176.0	0.1	0.0	30.9	0.00	100.00
176.0-177.0	0.1	0.0	30.9	0.00	100.00
177.0-178.0	0.1	0.0	30.9	0.00	100.00
178.0-179.0	0.1	0.0	30.9	0.00	100.00
179.0-180.0	0.1	0.0	30.9	0.00	100.00

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

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