

Report No.:

Test Time: 2023/11/1 11:25

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Scroll pendants

Luminaire Description: Scroll pendants C35 RGBW SO 28W

Lamp Catalog: BLUE ONLY

Luminous Width (mm): 35

Voltage: 24.0 V

Power: 3.52 W

Luminous Length (mm): 300

Luminous Height (mm): 40

Current: 0.147 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 9.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H156.9,H93.4

Vertical Diffuse Angle(10%,50%): V155.4,V100.3

Luminaire Efficacy Rating (LER): 3

Max. Intensity: 4.02 cd

Total Rated Lamp Lumens: 9.7 lm

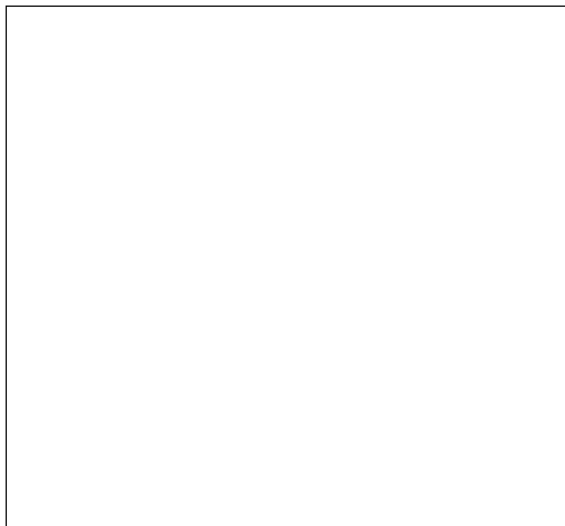
Efficiency: 100%

Upward Ratio: 1%

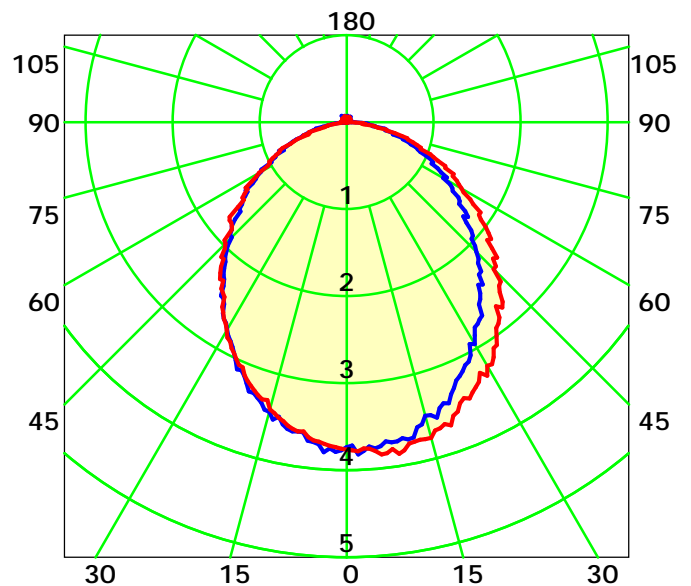
Central Intensity: 3.88 cd

Pos of Max. Intensity: H90 V9

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 96.8° 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

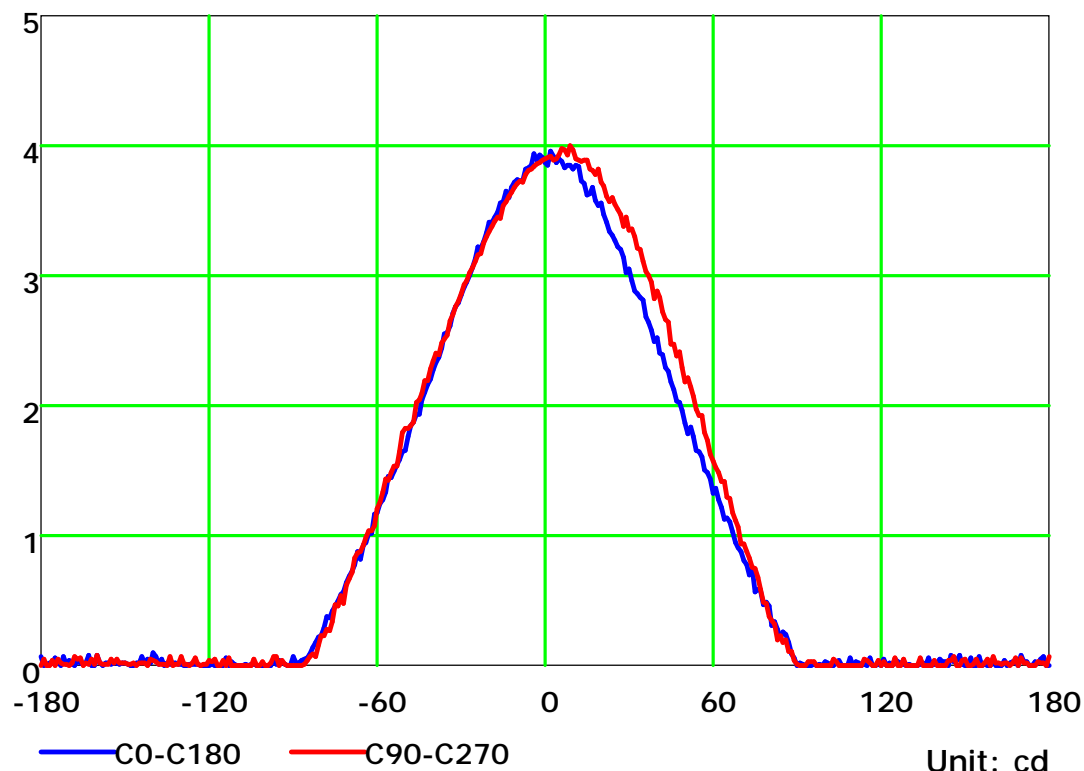
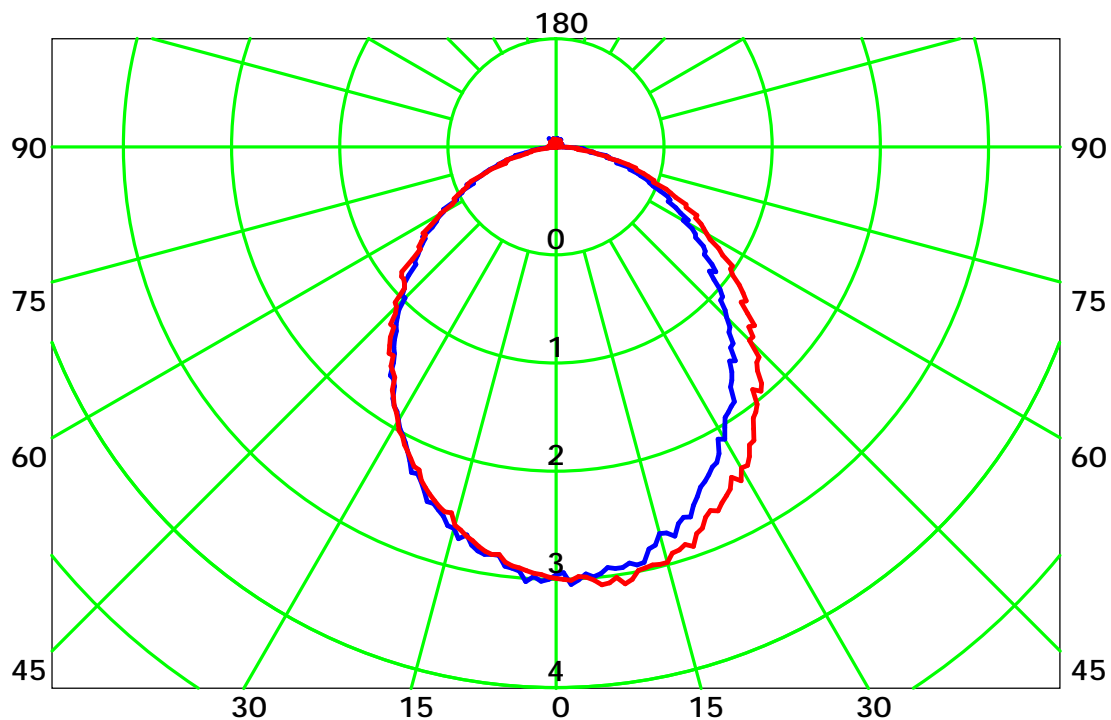
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

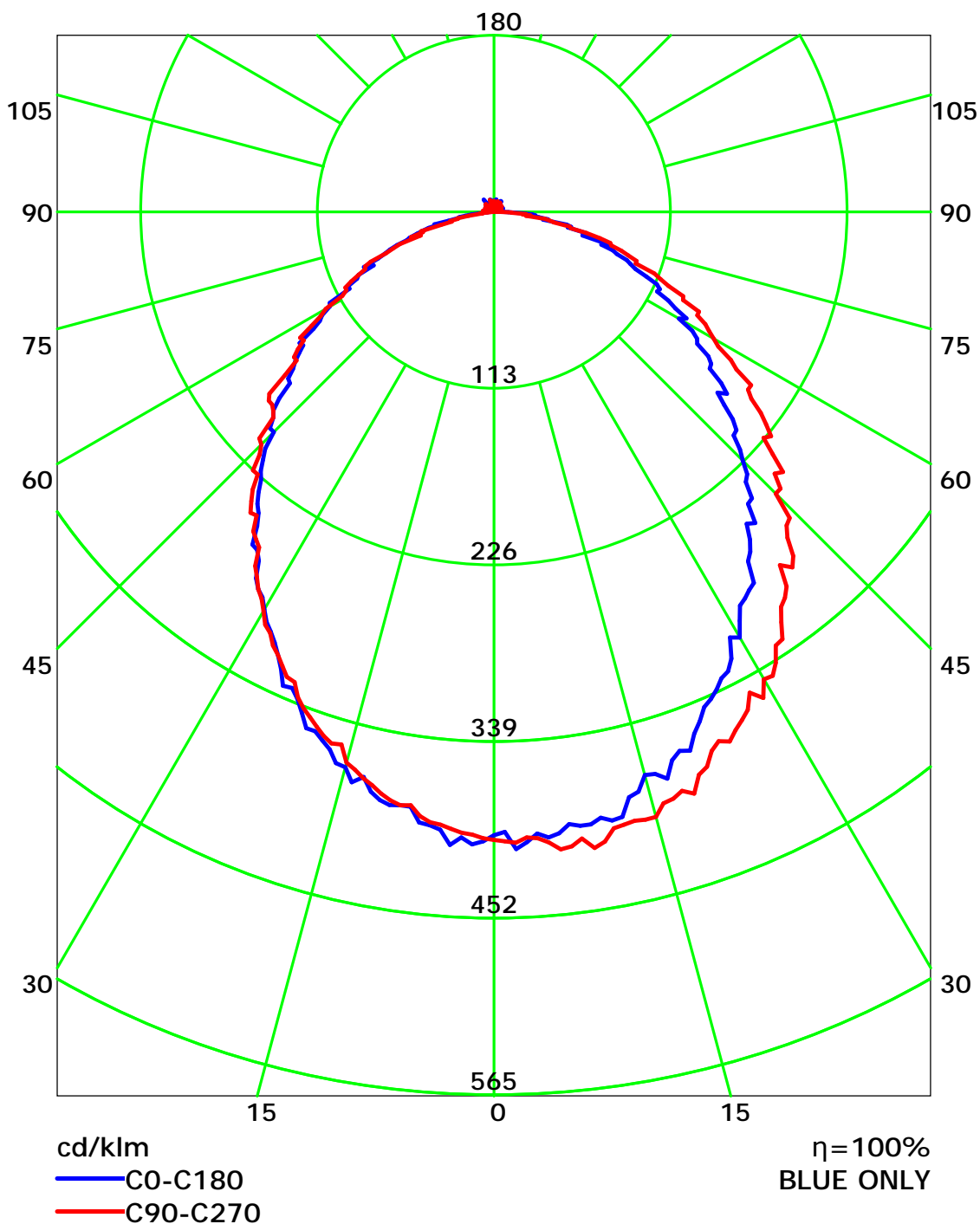
## Luminous Intensity Distribution Curve



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:

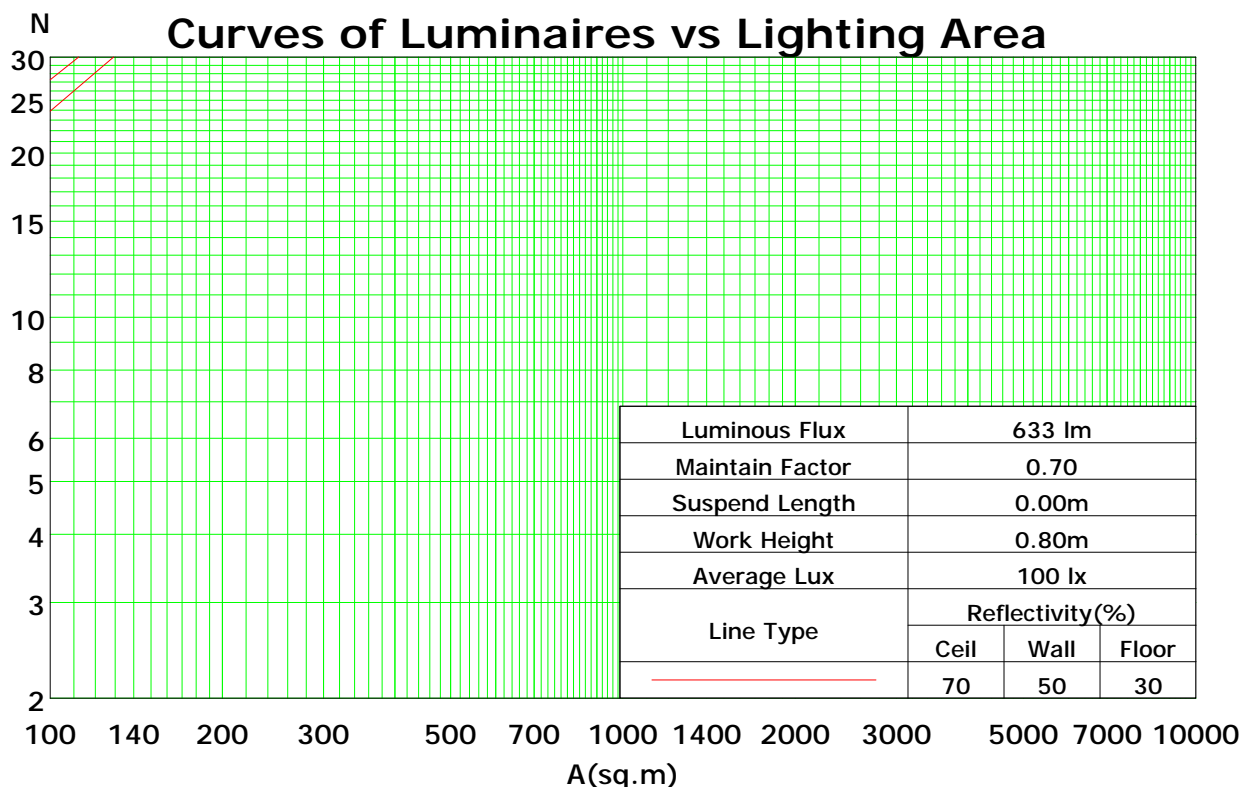
## Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	106	106	106	101	101	101	99
1	109	104	100	96	106	102	98	95	97	94	92	93	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	72	70
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	56	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	36	31	41	35	30	40	35	30	28
10	54	41	33	28	53	41	33	28	39	33	28	38	32	28	38	32	28	26

Spacing Criteria (0-180): 1.14

Spacing Criteria (90-270): 1.20

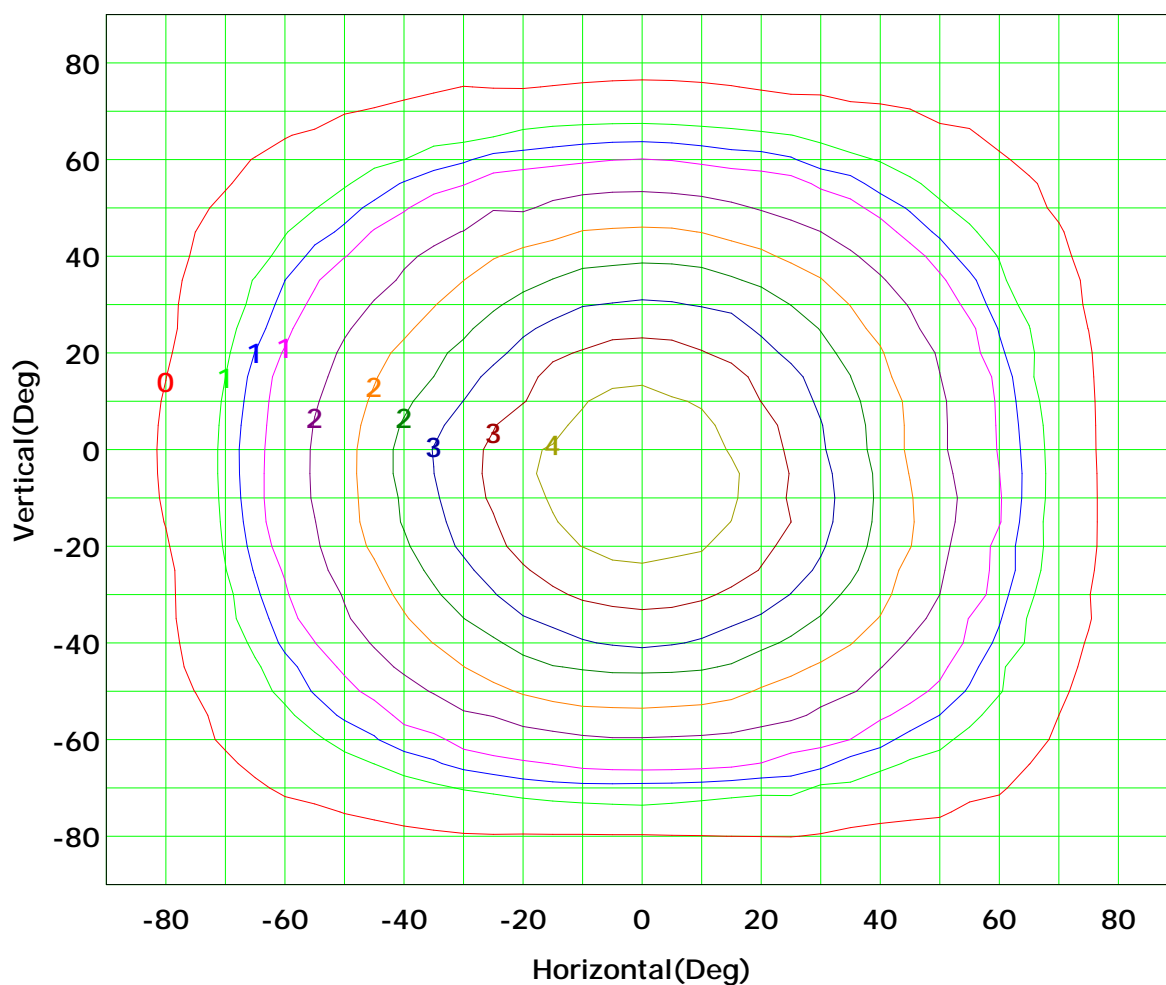
Spacing Criteria (Diagonal): 1.27



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)



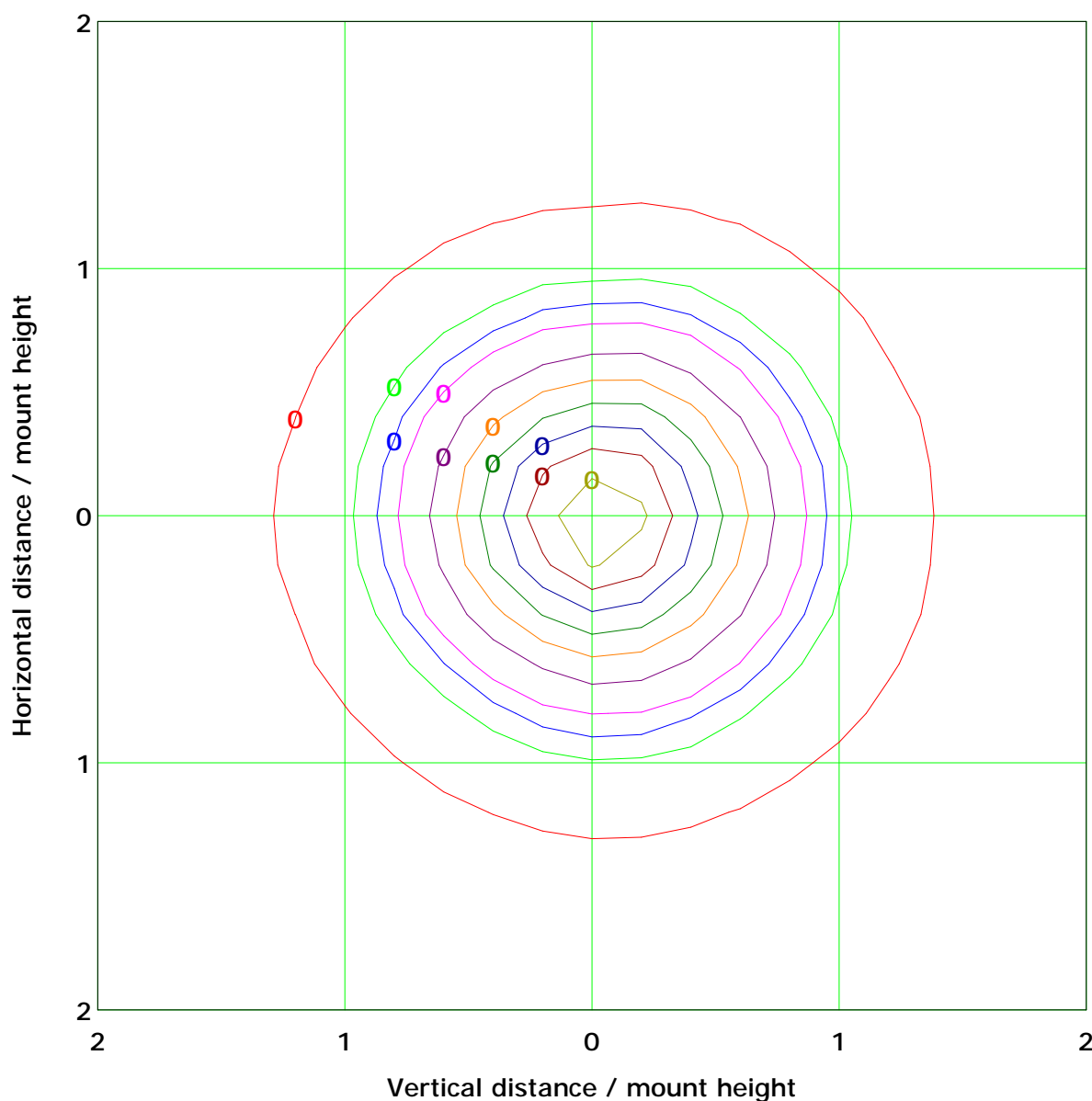
I<sub>max</sub> (100%): 4 cd

( 10%):	0 cd	( 20%):	1 cd
( 25%):	1 cd	( 30%):	1 cd
( 40%):	2 cd	( 50%):	2 cd
( 60%):	2 cd	( 70%):	3 cd
( 80%):	3 cd	( 90%):	4 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



Mounting Height: 5.0m Max Lux(100%): 0.2 lx

( 10%): 0.0 lx	( 20%): 0.0 lx
( 25%): 0.0 lx	( 30%): 0.0 lx
( 40%): 0.1 lx	( 50%): 0.1 lx
( 60%): 0.1 lx	( 70%): 0.1 lx
( 80%): 0.1 lx	( 90%): 0.1 lx

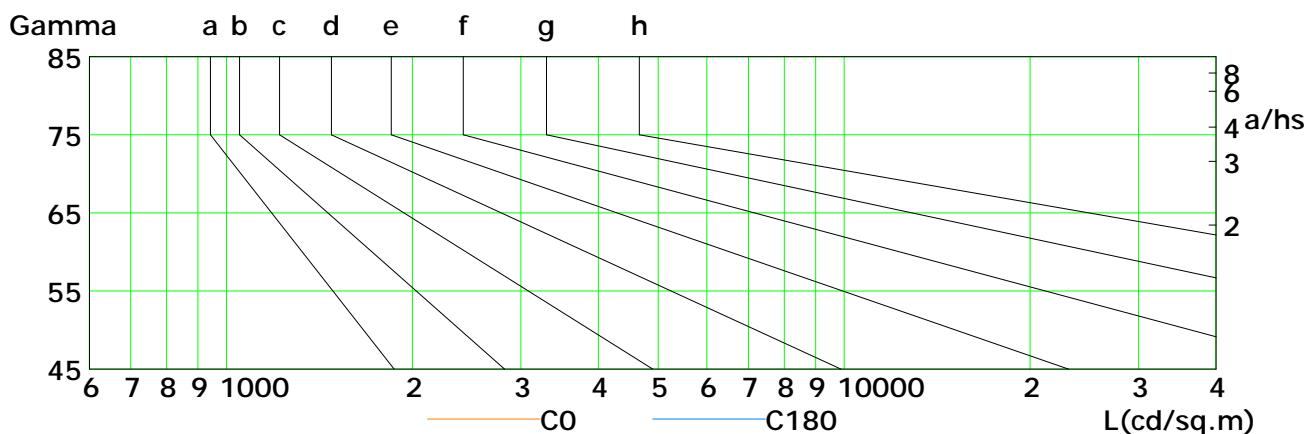
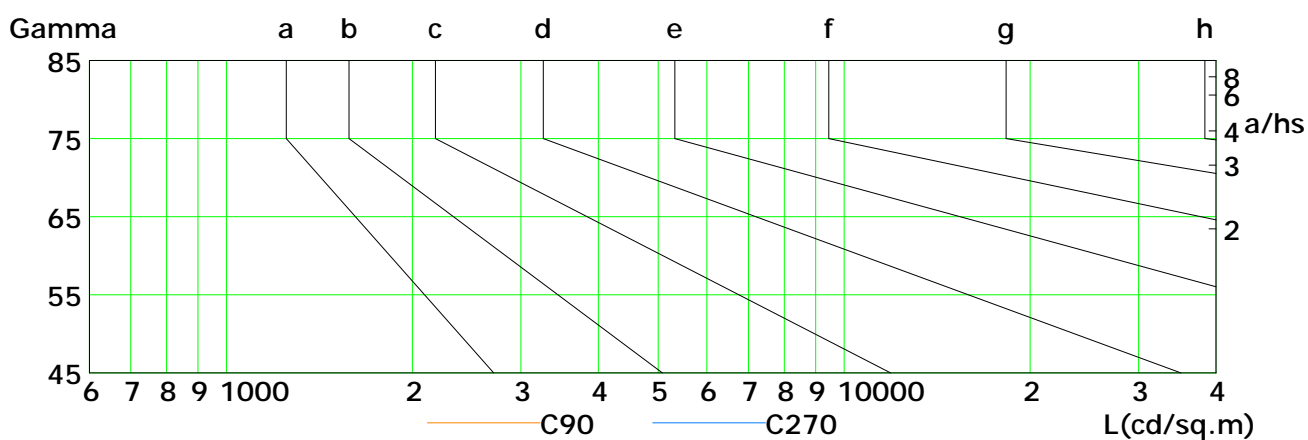
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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

## 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

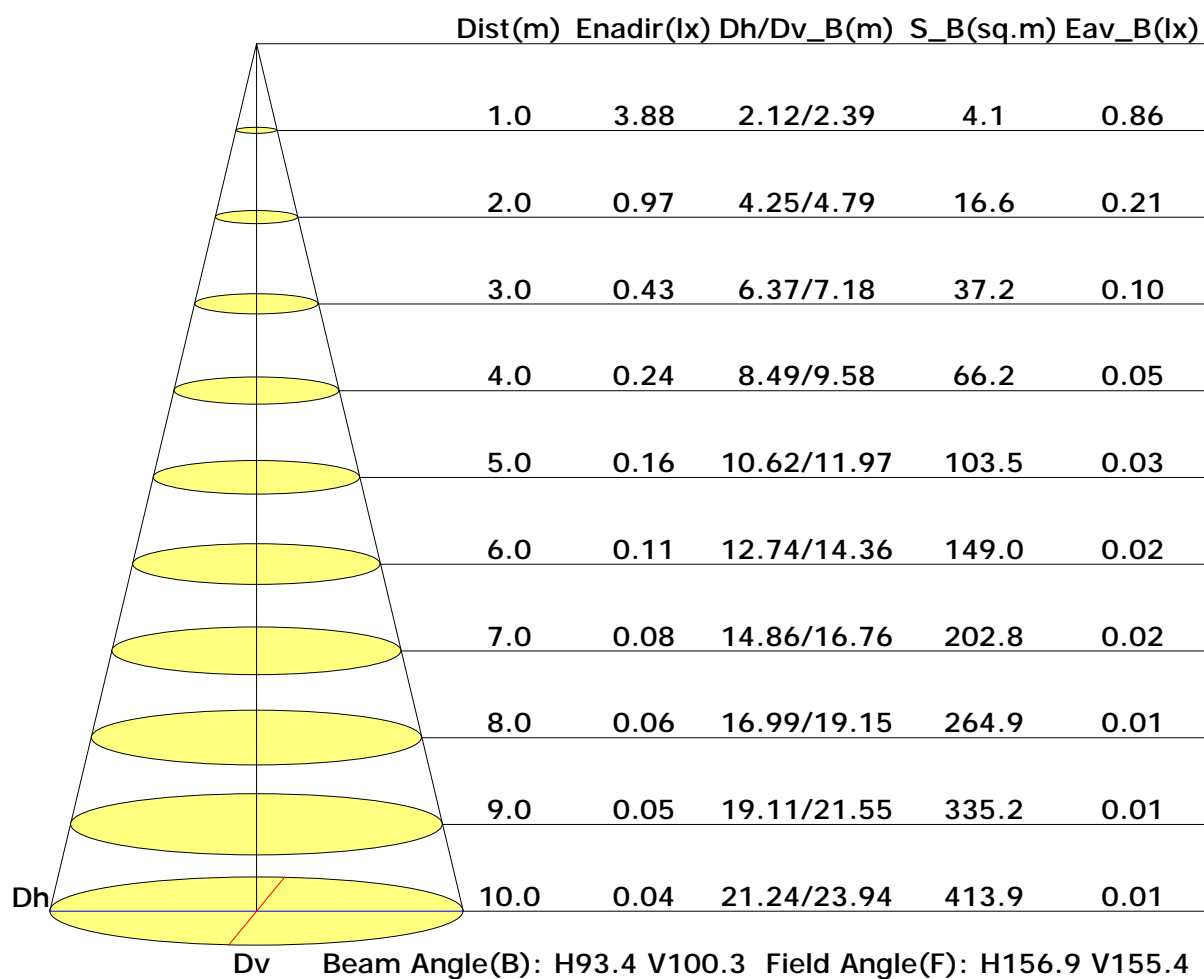


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	138	117	104	85	74	59	40	34	20
C90	295	280	269	244	228	192	184	119	78
C180	122	104	91	75	61	46	32	17	5
C270	244	234	208	187	163	137	115	72	17

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



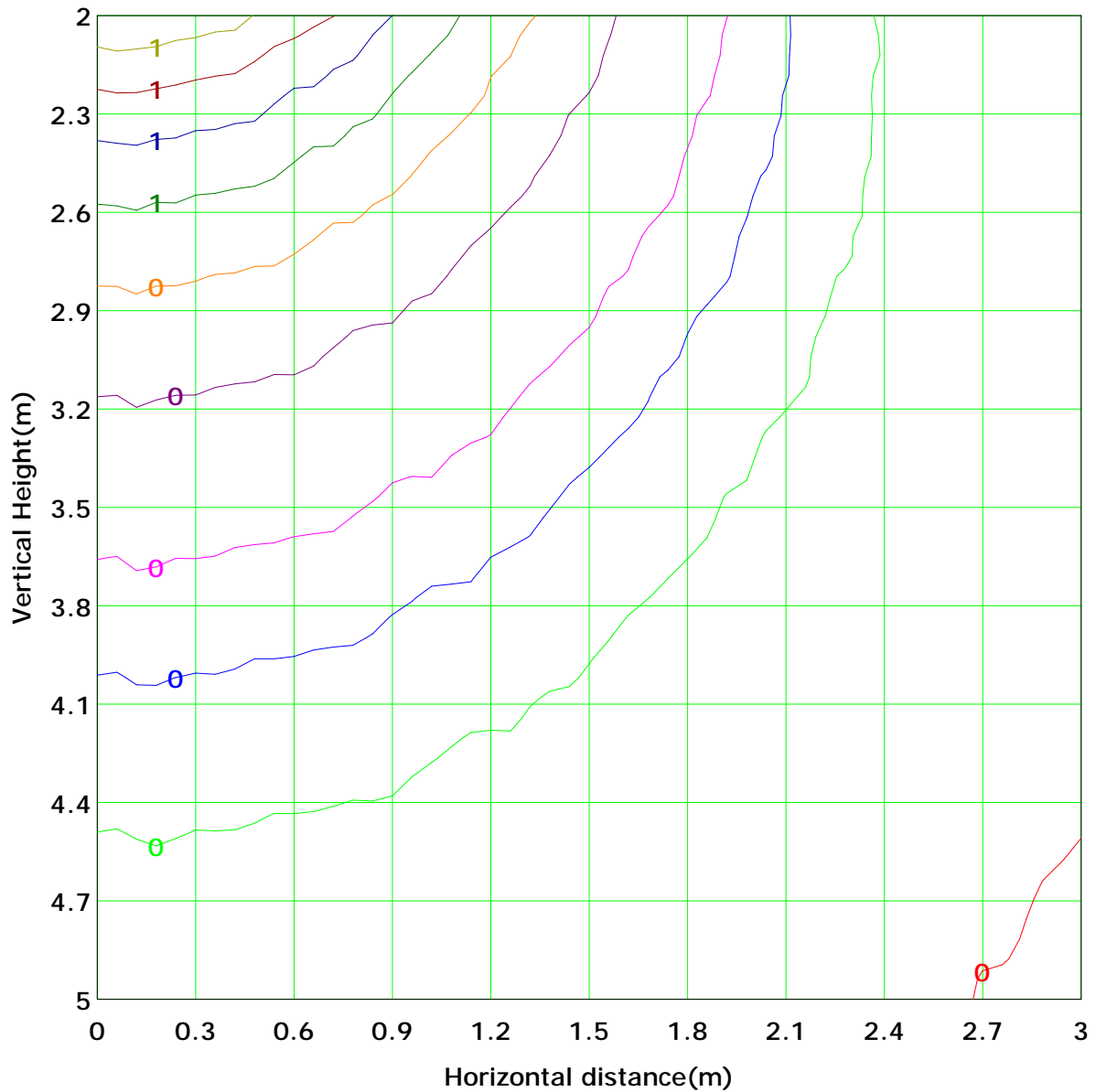
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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: 1.0 lx
( 10%): 0.1 lx	( 20%): 0.2 lx	( 30%): 0.3 lx
( 25%): 0.2 lx	( 40%): 0.4 lx	( 50%): 0.5 lx
( 60%): 0.6 lx	( 70%): 0.7 lx	( 80%): 0.8 lx
( 90%): 0.9 lx		

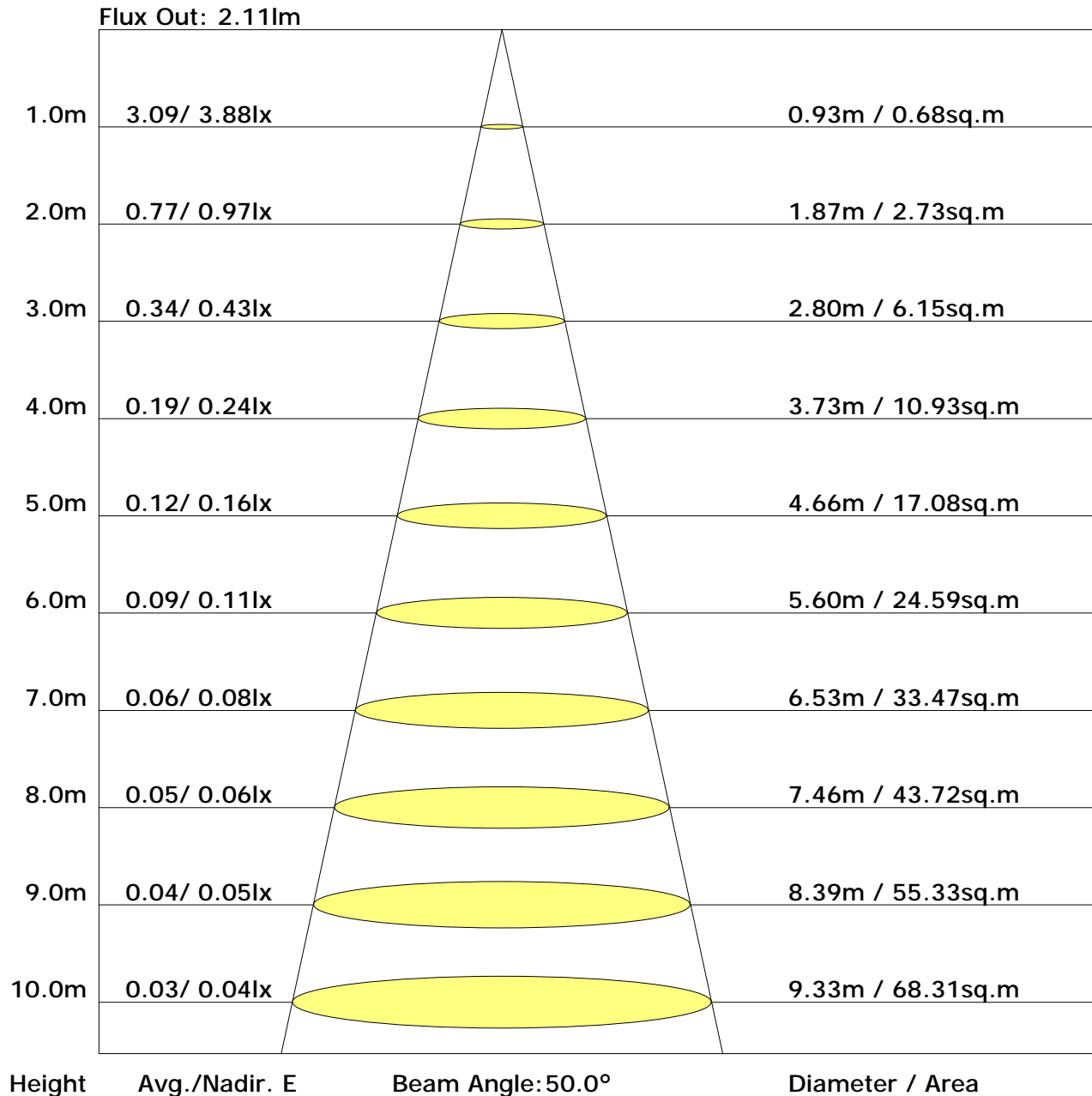
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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	21.4	22.9	21.8	23.3	23.6	20.9	22.4	21.3	22.8	23.1
3H	23.0	24.4	23.4	24.8	25.2	22.2	23.6	22.6	24.0	24.4
4H	23.8	25.1	24.2	25.5	25.9	22.7	24.0	23.1	24.4	24.8
6H	24.3	25.5	24.7	25.9	26.3	22.9	24.1	23.3	24.5	24.9
8H	24.4	25.6	24.9	26.0	26.4	22.9	24.1	23.4	24.5	25.0
12H	24.5	25.6	25.0	26.1	26.5	22.9	24.1	23.4	24.5	24.9
X=4H Y=2H	21.7	23.0	22.1	23.4	23.8	21.4	22.7	21.8	23.1	23.5
3H	23.5	24.6	23.9	25.0	25.5	22.9	24.0	23.4	24.5	24.9
4H	24.3	25.3	24.7	25.7	26.2	23.5	24.5	23.9	24.9	25.4
6H	24.9	25.8	25.4	26.3	26.7	23.8	24.6	24.2	25.1	25.6
8H	25.1	25.9	25.6	26.4	26.9	23.8	24.6	24.3	25.1	25.6
12H	25.2	26.0	25.7	26.5	27.0	23.9	24.6	24.4	25.1	25.6
X=8H Y=4H	24.4	25.2	24.9	25.7	26.2	23.7	24.5	24.2	25.0	25.5
6H	25.0	25.7	25.6	26.2	26.8	24.1	24.8	24.6	25.3	25.8
8H	25.3	25.9	25.8	26.4	26.9	24.2	24.8	24.7	25.3	25.8
12H	25.5	26.0	26.0	26.5	27.1	24.2	24.8	24.8	25.3	25.9
X=12H Y=4H	24.4	25.1	24.9	25.6	26.1	23.7	24.4	24.2	25.0	25.5
6H	25.0	25.7	25.6	26.1	26.7	24.1	24.7	24.7	25.2	25.8
8H	25.3	25.8	25.8	26.3	26.9	24.2	24.8	24.8	25.3	25.9

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	0.59	0.69	0.76	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.52	0.62	0.69	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.46	0.56	0.64	0.69	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.57	0.67	0.74	0.79	0.85	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.73	0.80	0.85	0.89	0.94	0.97
	0.20		0.46	0.56	0.63	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.56	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.50	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.52	0.59	0.64	0.71	0.75	0.79	0.83	0.86
Rating: 4W 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 = 1.25									
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	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.80	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.59	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.45	0.40	0.32	0.24	0.20	
	0.30		0.78	0.66	0.57	0.50	0.41	0.34	0.30	0.23	0.19	
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	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	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.27	0.21	0.18	
0.00	0.00	0.00	0.56	0.47	0.40	0.36	0.29	0.24	0.21	0.16	0.13	
Rating: 4W 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	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.18	
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.19	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating: 4W 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	3.9	0.0	0.0	0.04	0.04
1.0-2.0	3.9	0.0	0.0	0.12	0.15
2.0-3.0	3.9	0.0	0.0	0.19	0.35
3.0-4.0	3.9	0.0	0.1	0.27	0.62
4.0-5.0	3.9	0.0	0.1	0.34	0.96
5.0-6.0	3.9	0.0	0.1	0.42	1.38
6.0-7.0	3.9	0.0	0.2	0.50	1.88
7.0-8.0	3.8	0.1	0.2	0.57	2.44
8.0-9.0	3.8	0.1	0.3	0.64	3.08
9.0-10.0	3.8	0.1	0.4	0.71	3.79
10.0-11.0	3.8	0.1	0.4	0.78	4.57
11.0-12.0	3.8	0.1	0.5	0.85	5.42
12.0-13.0	3.7	0.1	0.6	0.92	6.34
13.0-14.0	3.7	0.1	0.7	0.98	7.32
14.0-15.0	3.7	0.1	0.8	1.04	8.36
15.0-16.0	3.7	0.1	0.9	1.10	9.46
16.0-17.0	3.6	0.1	1.0	1.16	10.63
17.0-18.0	3.6	0.1	1.2	1.22	11.84
18.0-19.0	3.6	0.1	1.3	1.27	13.12
19.0-20.0	3.5	0.1	1.4	1.33	14.44
20.0-21.0	3.5	0.1	1.5	1.37	15.82
21.0-22.0	3.4	0.1	1.7	1.42	17.23
22.0-23.0	3.4	0.1	1.8	1.45	18.69
23.0-24.0	3.3	0.1	2.0	1.50	20.19
24.0-25.0	3.3	0.2	2.1	1.55	21.74
25.0-26.0	3.3	0.2	2.3	1.58	23.32
26.0-27.0	3.2	0.2	2.4	1.61	24.93
27.0-28.0	3.2	0.2	2.6	1.64	26.57
28.0-29.0	3.1	0.2	2.7	1.67	28.25
29.0-30.0	3.1	0.2	2.9	1.70	29.95
30.0-31.0	3.0	0.2	3.1	1.72	31.67
31.0-32.0	3.0	0.2	3.2	1.74	33.41
32.0-33.0	2.9	0.2	3.4	1.76	35.17
33.0-34.0	2.8	0.2	3.6	1.77	36.94
34.0-35.0	2.8	0.2	3.8	1.79	38.73
35.0-36.0	2.7	0.2	3.9	1.80	40.53

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	2.7	0.2	4.1	1.80	42.33
37.0-38.0	2.6	0.2	4.3	1.80	44.12
38.0-39.0	2.6	0.2	4.5	1.80	45.92
39.0-40.0	2.5	0.2	4.6	1.80	47.73
40.0-41.0	2.5	0.2	4.8	1.81	49.53
41.0-42.0	2.4	0.2	5.0	1.79	51.33
42.0-43.0	2.3	0.2	5.2	1.78	53.11
43.0-44.0	2.3	0.2	5.3	1.77	54.88
44.0-45.0	2.2	0.2	5.5	1.75	56.64
45.0-46.0	2.2	0.2	5.7	1.74	58.37
46.0-47.0	2.1	0.2	5.8	1.72	60.10
47.0-48.0	2.1	0.2	6.0	1.71	61.80
48.0-49.0	2.0	0.2	6.2	1.69	63.49
49.0-50.0	1.9	0.2	6.3	1.66	65.15
50.0-51.0	1.9	0.2	6.5	1.64	66.78
51.0-52.0	1.8	0.2	6.6	1.61	68.40
52.0-53.0	1.8	0.2	6.8	1.58	69.98
53.0-54.0	1.7	0.2	6.9	1.55	71.53
54.0-55.0	1.7	0.1	7.1	1.52	73.05
55.0-56.0	1.6	0.1	7.2	1.49	74.54
56.0-57.0	1.5	0.1	7.4	1.45	75.99
57.0-58.0	1.5	0.1	7.5	1.42	77.41
58.0-59.0	1.4	0.1	7.7	1.39	78.79
59.0-60.0	1.4	0.1	7.8	1.34	80.13
60.0-61.0	1.3	0.1	7.9	1.29	81.43
61.0-62.0	1.3	0.1	8.0	1.25	82.67
62.0-63.0	1.2	0.1	8.1	1.20	83.87
63.0-64.0	1.1	0.1	8.3	1.15	85.02
64.0-65.0	1.1	0.1	8.4	1.11	86.13
65.0-66.0	1.0	0.1	8.5	1.07	87.20
66.0-67.0	1.0	0.1	8.6	1.03	88.23
67.0-68.0	0.9	0.1	8.7	0.98	89.21
68.0-69.0	0.9	0.1	8.8	0.93	90.14
69.0-70.0	0.8	0.1	8.8	0.88	91.02
70.0-71.0	0.8	0.1	8.9	0.83	91.85
71.0-72.0	0.7	0.1	9.0	0.78	92.63

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	0.7	0.1	9.1	0.72	93.35
73.0-74.0	0.6	0.1	9.1	0.69	94.04
74.0-75.0	0.6	0.1	9.2	0.64	94.68
75.0-76.0	0.5	0.1	9.3	0.59	95.27
76.0-77.0	0.5	0.1	9.3	0.54	95.81
77.0-78.0	0.4	0.0	9.4	0.49	96.31
78.0-79.0	0.4	0.0	9.4	0.45	96.75
79.0-80.0	0.4	0.0	9.4	0.40	97.16
80.0-81.0	0.3	0.0	9.5	0.35	97.50
81.0-82.0	0.3	0.0	9.5	0.29	97.80
82.0-83.0	0.2	0.0	9.5	0.25	98.04
83.0-84.0	0.2	0.0	9.5	0.21	98.25
84.0-85.0	0.2	0.0	9.6	0.18	98.43
85.0-86.0	0.1	0.0	9.6	0.14	98.57
86.0-87.0	0.1	0.0	9.6	0.11	98.68
87.0-88.0	0.1	0.0	9.6	0.08	98.75
88.0-89.0	0.0	0.0	9.6	0.06	98.81
89.0-90.0	0.0	0.0	9.6	0.04	98.85
90.0-91.0	0.0	0.0	9.6	0.03	98.88
91.0-92.0	0.0	0.0	9.6	0.02	98.90
92.0-93.0	0.0	0.0	9.6	0.01	98.90
93.0-94.0	0.0	0.0	9.6	0.01	98.91
94.0-95.0	0.0	0.0	9.6	0.02	98.93
95.0-96.0	0.0	0.0	9.6	0.02	98.94
96.0-97.0	0.0	0.0	9.6	0.02	98.96
97.0-98.0	0.0	0.0	9.6	0.02	98.98
98.0-99.0	0.0	0.0	9.6	0.01	98.99
99.0-100.0	0.0	0.0	9.6	0.01	98.99
100.0-101.0	0.0	0.0	9.6	0.02	99.01
101.0-102.0	0.0	0.0	9.6	0.02	99.03
102.0-103.0	0.0	0.0	9.6	0.02	99.04
103.0-104.0	0.0	0.0	9.6	0.02	99.06
104.0-105.0	0.0	0.0	9.6	0.02	99.09
105.0-106.0	0.0	0.0	9.6	0.02	99.11
106.0-107.0	0.0	0.0	9.6	0.01	99.12
107.0-108.0	0.0	0.0	9.6	0.00	99.12

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	9.6	0.01	99.13
109.0-110.0	0.0	0.0	9.6	0.02	99.15
110.0-111.0	0.0	0.0	9.6	0.01	99.16
111.0-112.0	0.0	0.0	9.6	0.01	99.17
112.0-113.0	0.0	0.0	9.6	0.01	99.18
113.0-114.0	0.0	0.0	9.6	0.02	99.21
114.0-115.0	0.0	0.0	9.6	0.03	99.23
115.0-116.0	0.0	0.0	9.6	0.02	99.25
116.0-117.0	0.0	0.0	9.6	0.01	99.27
117.0-118.0	0.0	0.0	9.6	0.01	99.28
118.0-119.0	0.0	0.0	9.6	0.02	99.30
119.0-120.0	0.0	0.0	9.7	0.02	99.32
120.0-121.0	0.0	0.0	9.7	0.01	99.33
121.0-122.0	0.0	0.0	9.7	0.01	99.35
122.0-123.0	0.0	0.0	9.7	0.01	99.35
123.0-124.0	0.0	0.0	9.7	0.01	99.36
124.0-125.0	0.0	0.0	9.7	0.02	99.38
125.0-126.0	0.0	0.0	9.7	0.02	99.40
126.0-127.0	0.0	0.0	9.7	0.01	99.41
127.0-128.0	0.0	0.0	9.7	0.01	99.42
128.0-129.0	0.0	0.0	9.7	0.02	99.44
129.0-130.0	0.0	0.0	9.7	0.01	99.45
130.0-131.0	0.0	0.0	9.7	0.02	99.47
131.0-132.0	0.0	0.0	9.7	0.01	99.48
132.0-133.0	0.0	0.0	9.7	0.01	99.49
133.0-134.0	0.0	0.0	9.7	0.02	99.51
134.0-135.0	0.0	0.0	9.7	0.02	99.53
135.0-136.0	0.0	0.0	9.7	0.01	99.54
136.0-137.0	0.0	0.0	9.7	0.02	99.56
137.0-138.0	0.0	0.0	9.7	0.02	99.58
138.0-139.0	0.0	0.0	9.7	0.01	99.59
139.0-140.0	0.0	0.0	9.7	0.02	99.61
140.0-141.0	0.0	0.0	9.7	0.02	99.63
141.0-142.0	0.0	0.0	9.7	0.02	99.64
142.0-143.0	0.0	0.0	9.7	0.01	99.66
143.0-144.0	0.0	0.0	9.7	0.02	99.67

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	0.0	0.0	9.7	0.02	99.70
145.0-146.0	0.0	0.0	9.7	0.02	99.72
146.0-147.0	0.0	0.0	9.7	0.02	99.74
147.0-148.0	0.0	0.0	9.7	0.01	99.75
148.0-149.0	0.0	0.0	9.7	0.01	99.76
149.0-150.0	0.0	0.0	9.7	0.01	99.77
150.0-151.0	0.0	0.0	9.7	0.01	99.78
151.0-152.0	0.0	0.0	9.7	0.01	99.80
152.0-153.0	0.0	0.0	9.7	0.02	99.81
153.0-154.0	0.0	0.0	9.7	0.02	99.83
154.0-155.0	0.0	0.0	9.7	0.01	99.85
155.0-156.0	0.0	0.0	9.7	0.01	99.86
156.0-157.0	0.0	0.0	9.7	0.01	99.87
157.0-158.0	0.0	0.0	9.7	0.01	99.88
158.0-159.0	0.0	0.0	9.7	0.01	99.89
159.0-160.0	0.0	0.0	9.7	0.01	99.90
160.0-161.0	0.0	0.0	9.7	0.01	99.92
161.0-162.0	0.0	0.0	9.7	0.01	99.92
162.0-163.0	0.0	0.0	9.7	0.01	99.93
163.0-164.0	0.0	0.0	9.7	0.01	99.94
164.0-165.0	0.0	0.0	9.7	0.01	99.95
165.0-166.0	0.0	0.0	9.7	0.01	99.95
166.0-167.0	0.0	0.0	9.7	0.01	99.96
167.0-168.0	0.0	0.0	9.7	0.01	99.97
168.0-169.0	0.0	0.0	9.7	0.00	99.97
169.0-170.0	0.0	0.0	9.7	0.00	99.97
170.0-171.0	0.0	0.0	9.7	0.01	99.98
171.0-172.0	0.0	0.0	9.7	0.01	99.99
172.0-173.0	0.0	0.0	9.7	0.00	99.99
173.0-174.0	0.0	0.0	9.7	0.00	99.99
174.0-175.0	0.0	0.0	9.7	0.00	99.99
175.0-176.0	0.0	0.0	9.7	0.00	100.00
176.0-177.0	0.0	0.0	9.7	0.00	100.00
177.0-178.0	0.0	0.0	9.7	0.00	100.00
178.0-179.0	0.0	0.0	9.7	0.00	100.00
179.0-180.0	0.0	0.0	9.7	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: