

Report No.:

Test Time: 2023/10/30 16:57

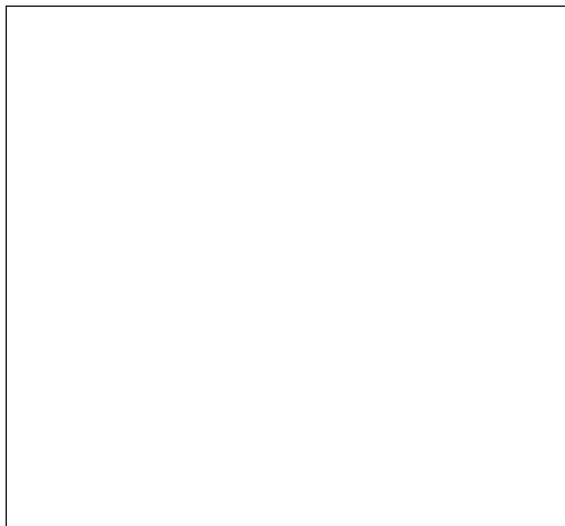
## Luminaire Property

Luminaire Manufacturer: Acolyte  
Luminaire Category: Scroll pendants  
Luminaire Description: Scroll pendants C80 SW HO 48W  
Luminous Length (mm): 300  
Luminous Width (mm): 80  
Luminous Height (mm): 40  
Voltage: 33.7 V  
Current: 0.410 A  
Power: 13.81 W  
Power Factor: 1.000

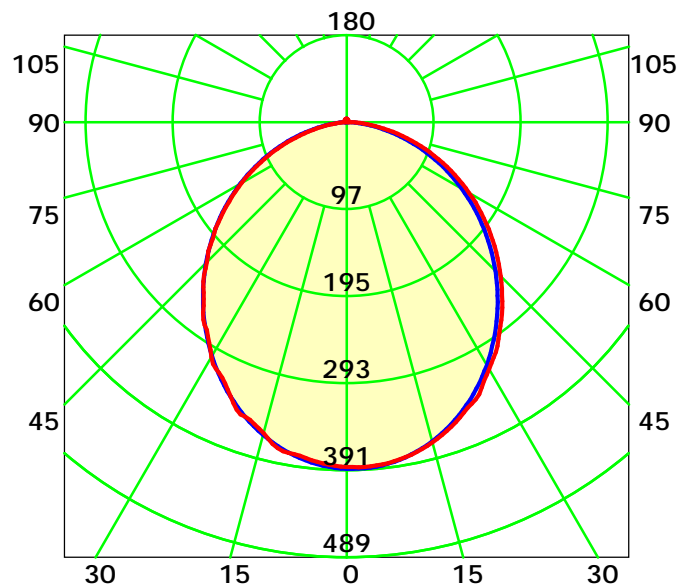
## Photometric Results

CIE Class: Direct  
Measurement Flux: 1016.8 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H157.4,H102.4  
Vertical Diffuse Angle(10%,50%): V157.8,V104.2  
Luminaire Efficacy Rating (LER): 74  
Max. Intensity: 390.28 cd  
Total Rated Lamp Lumens: 1016.8 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 390.16 cd  
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve

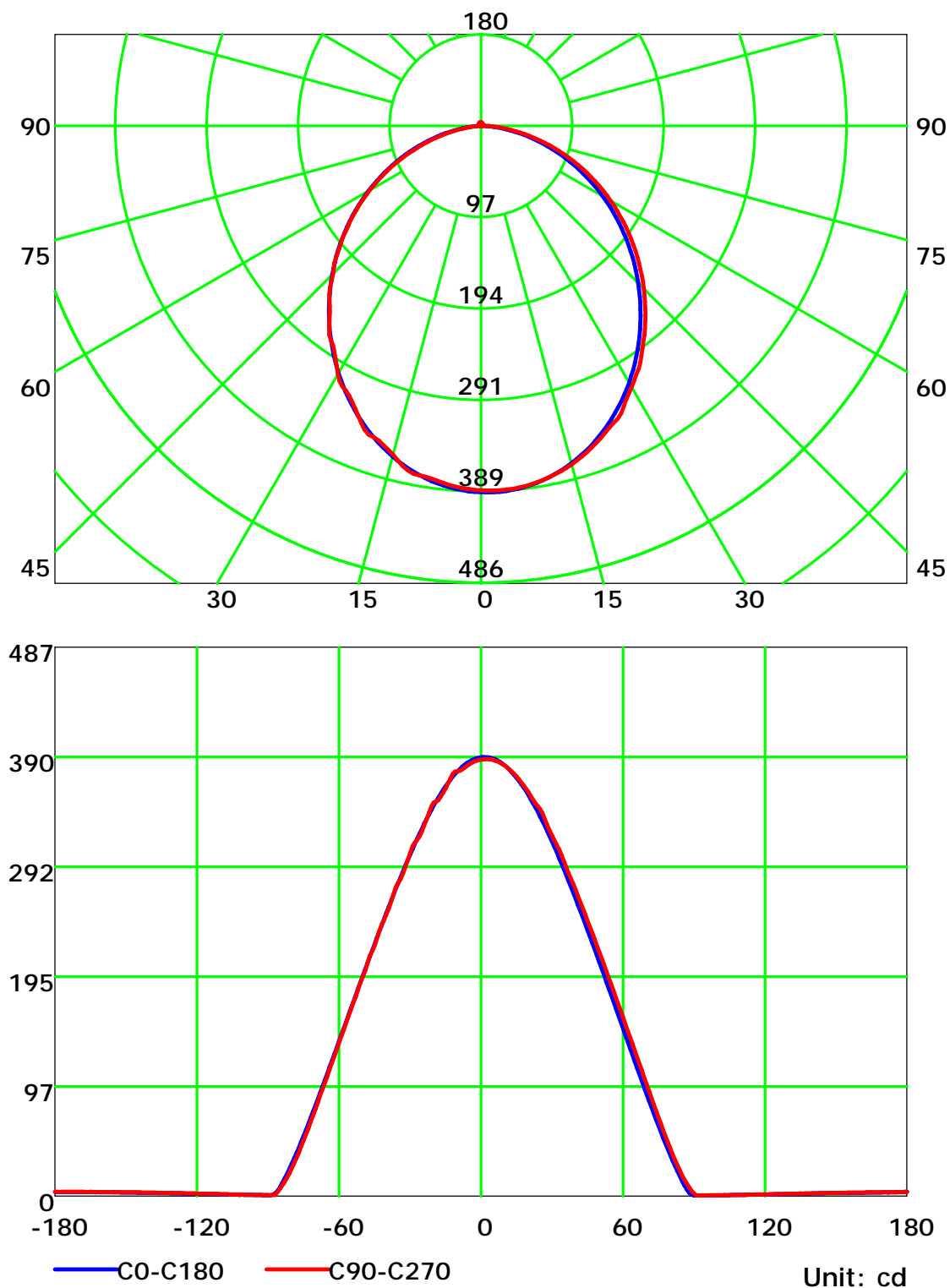


Unit: cd  
Average Diffuse Angle(50%): 103.3°  
— C0-C180 — C90-C270

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:

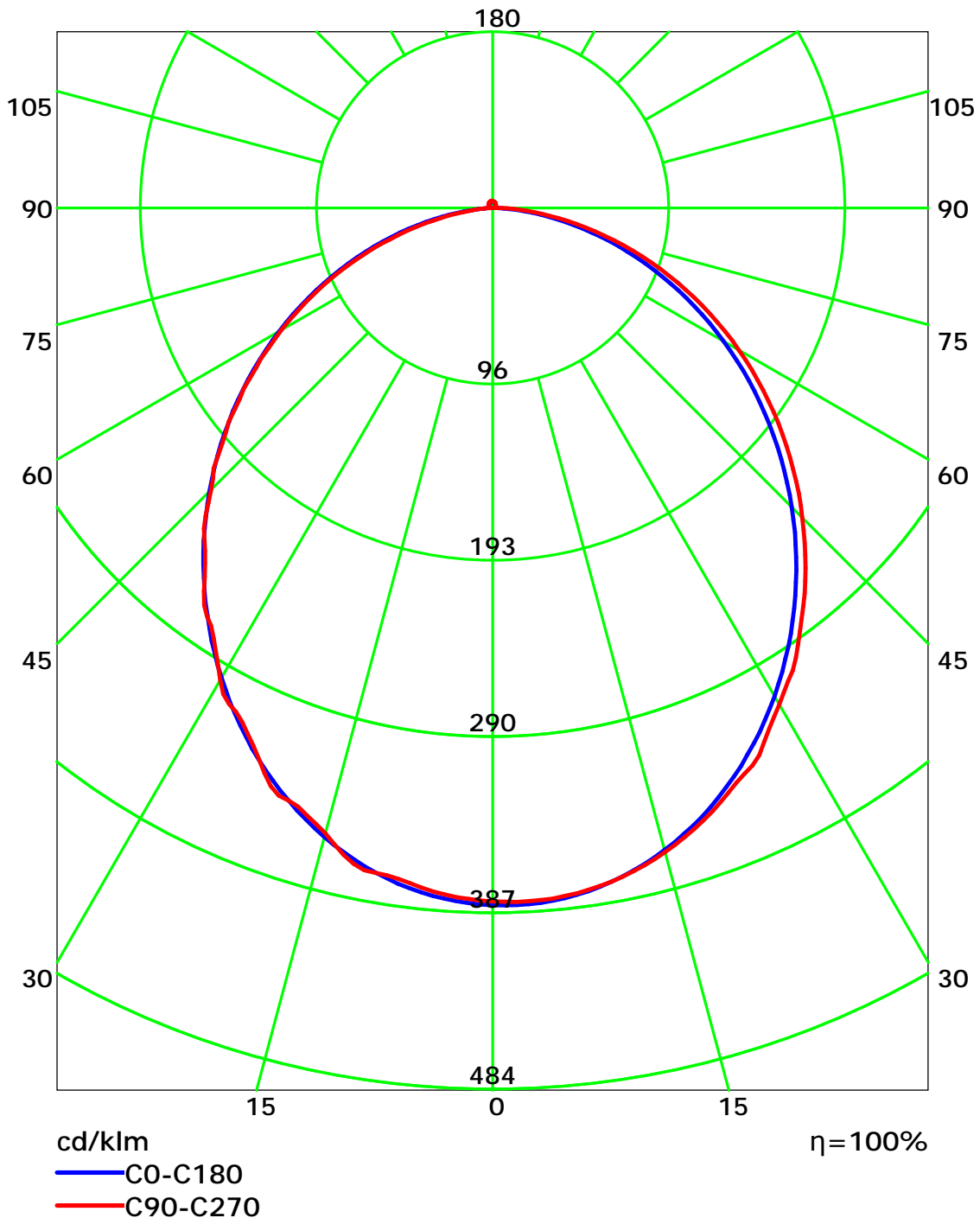
## Luminous Intensity Distribution Curve



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:

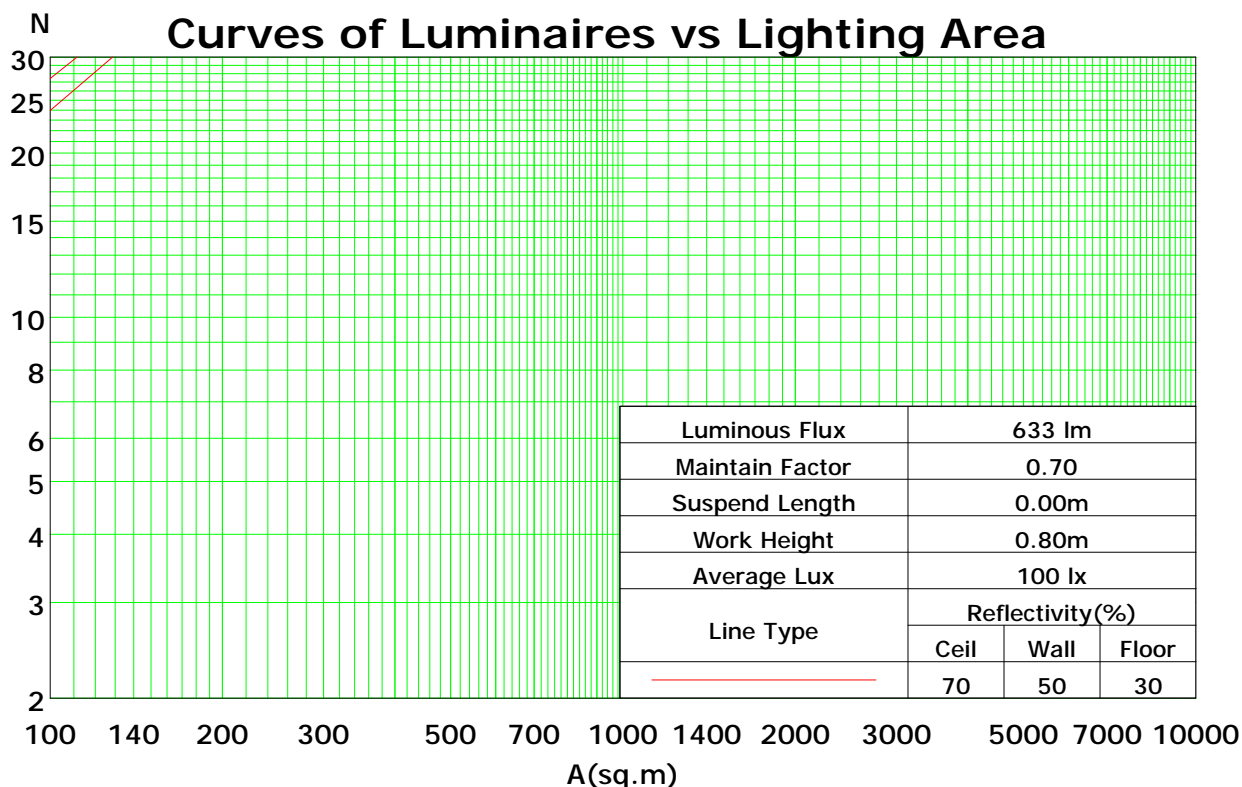
## Coefficients Of Utilization - Zonal Cavity Method

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	105	105	105	101	101	101	99
1	109	104	100	96	106	102	98	95	97	94	91	93	91	88	89	87	85	83
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	72	67	63	70	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	62	57	53	51
5	76	64	55	48	74	63	54	48	60	53	47	58	52	47	56	51	46	44
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	41	33	28	52	40	32	27	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.20

Spacing Criteria (Diagonal): 1.30



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

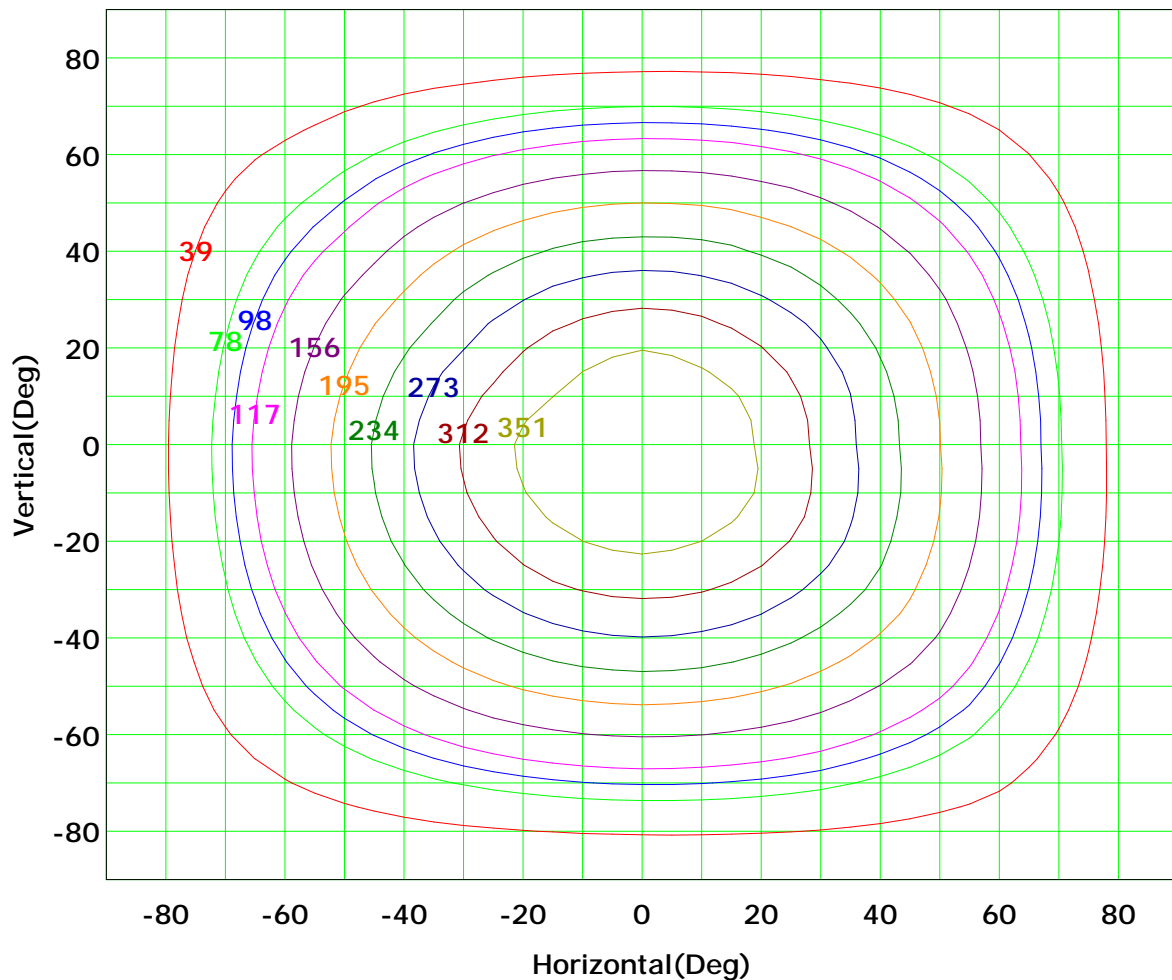
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



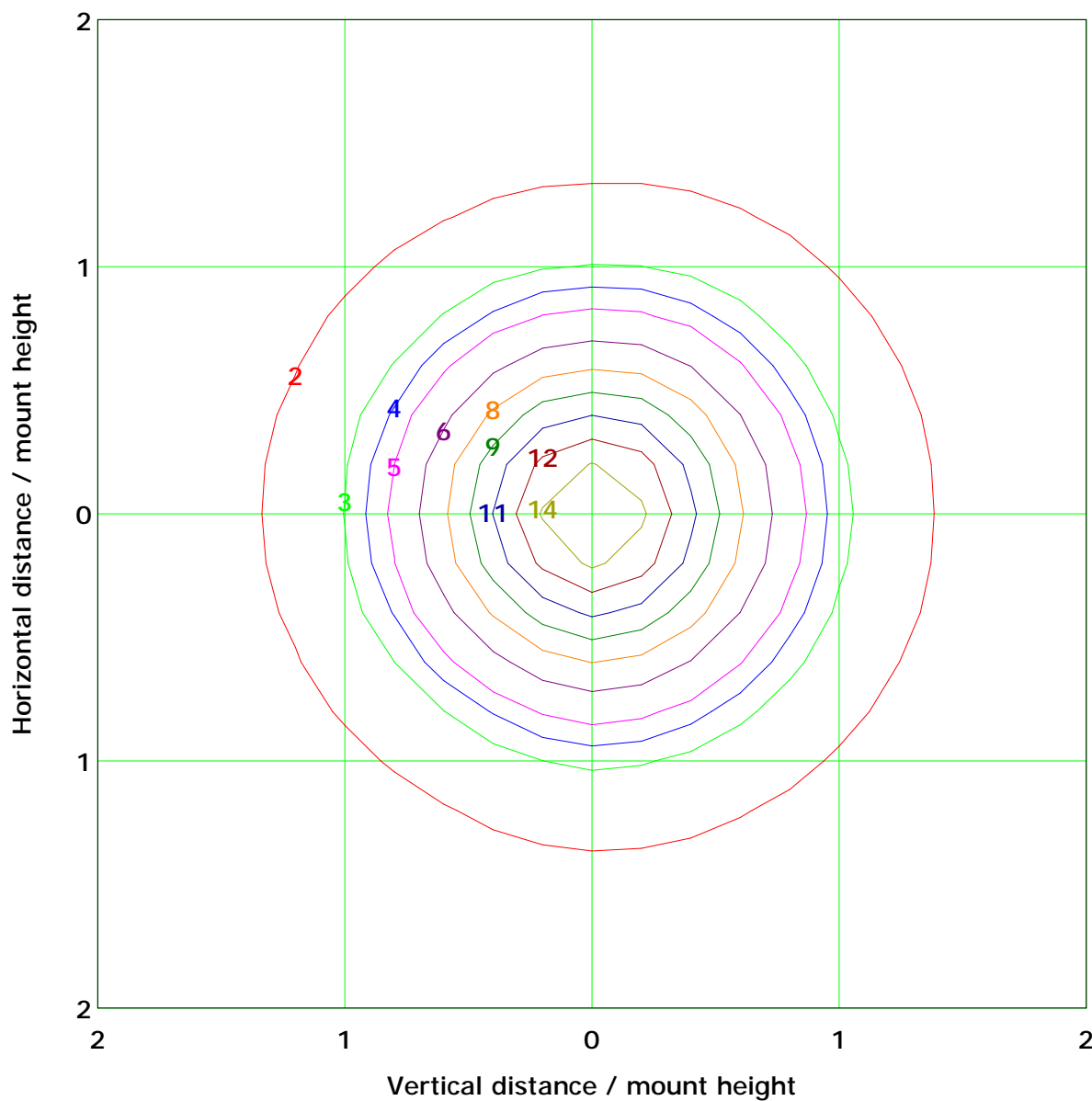
I<sub>max</sub> (100%): 390 cd

( 10%): 39 cd	( 20%): 78 cd
( 25%): 98 cd	( 30%): 117 cd
( 40%): 156 cd	( 50%): 195 cd
( 60%): 234 cd	( 70%): 273 cd
( 80%): 312 cd	( 90%): 351 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%): 15.6 lx	
( 10%): 1.6 lx	( 20%): 3.1 lx
( 25%): 3.9 lx	( 30%): 4.7 lx
( 40%): 6.2 lx	( 50%): 7.8 lx
( 60%): 9.4 lx	( 70%): 10.9 lx
( 80%): 12.5 lx	( 90%): 14.0 lx

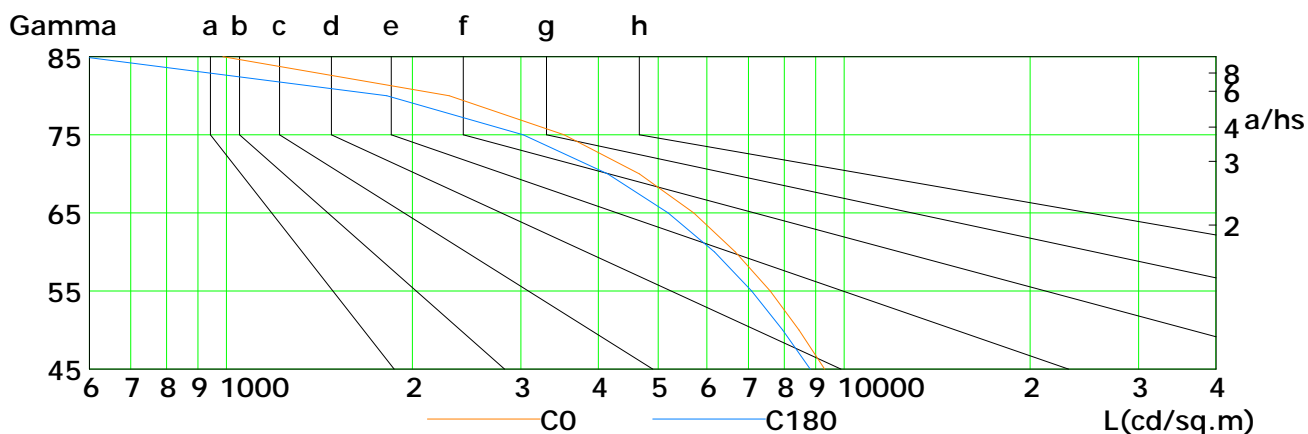
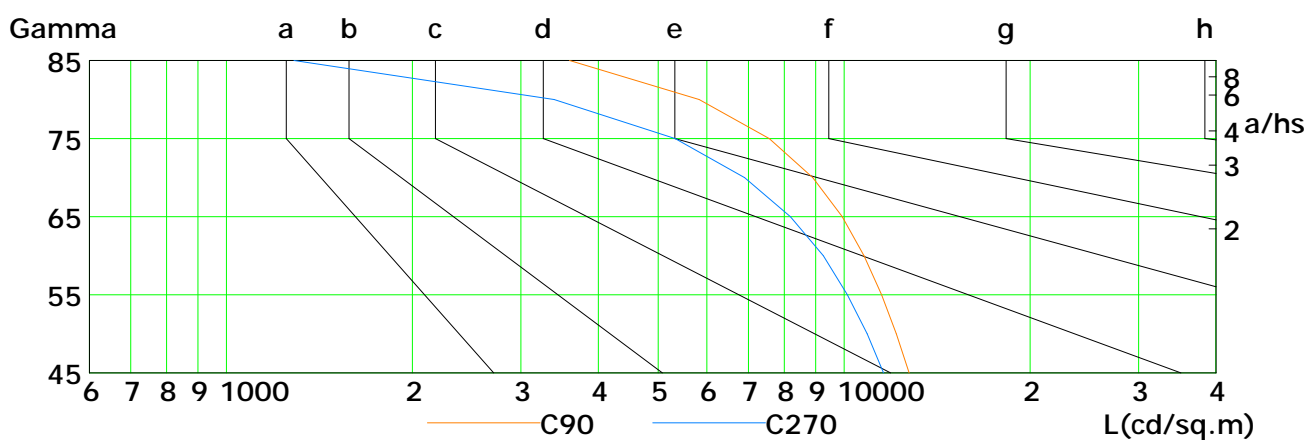
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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

## 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



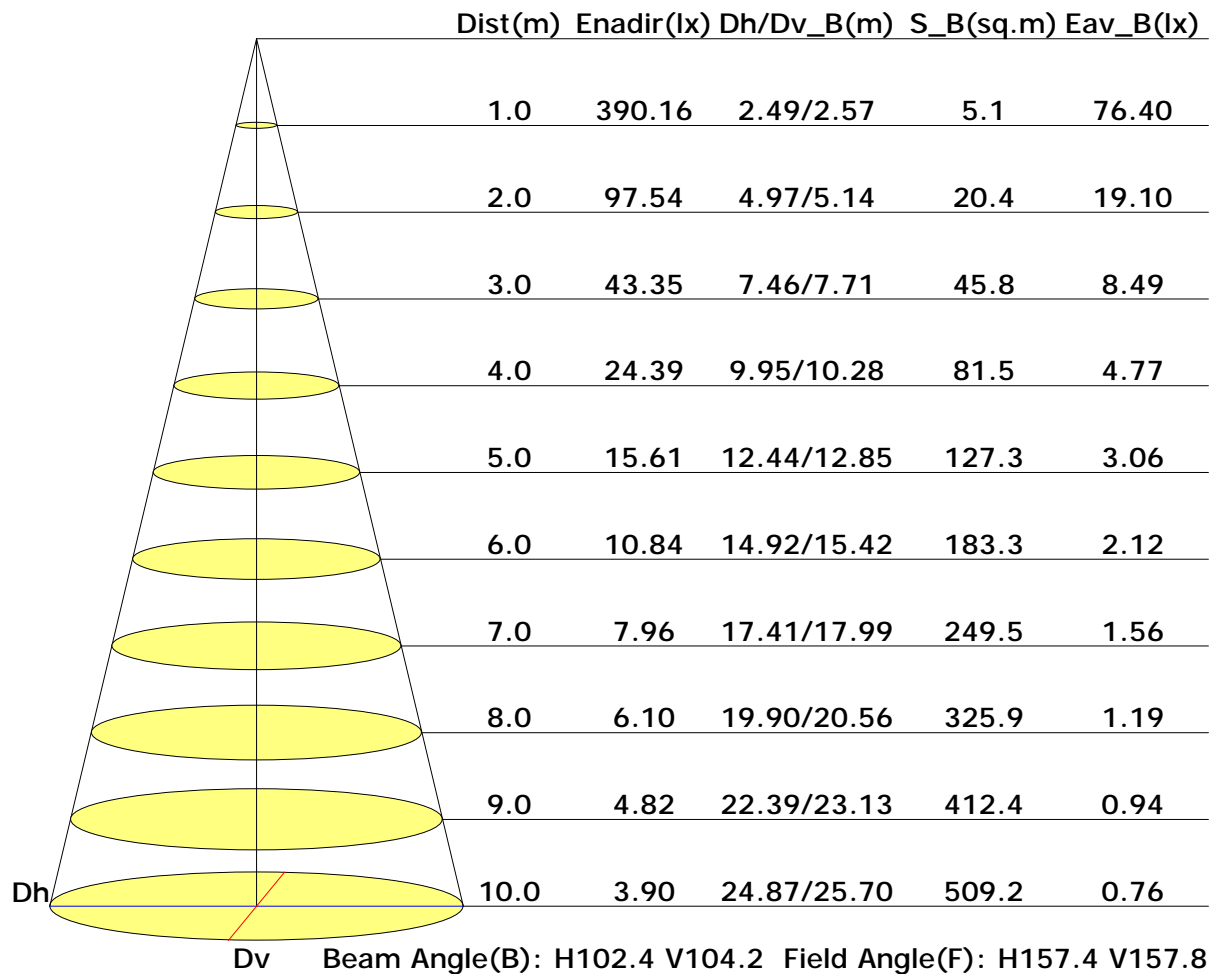
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	9305	8458	7591	6669	5710	4663	3524	2296	987
C90	12749	12157	11503	10778	9938	8905	7569	5829	3593
C180	8813	7961	7085	6168	5191	4144	3024	1819	588
C270	11593	10907	10126	9255	8191	6907	5326	3394	1286

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Test Device: GPM-1800B  
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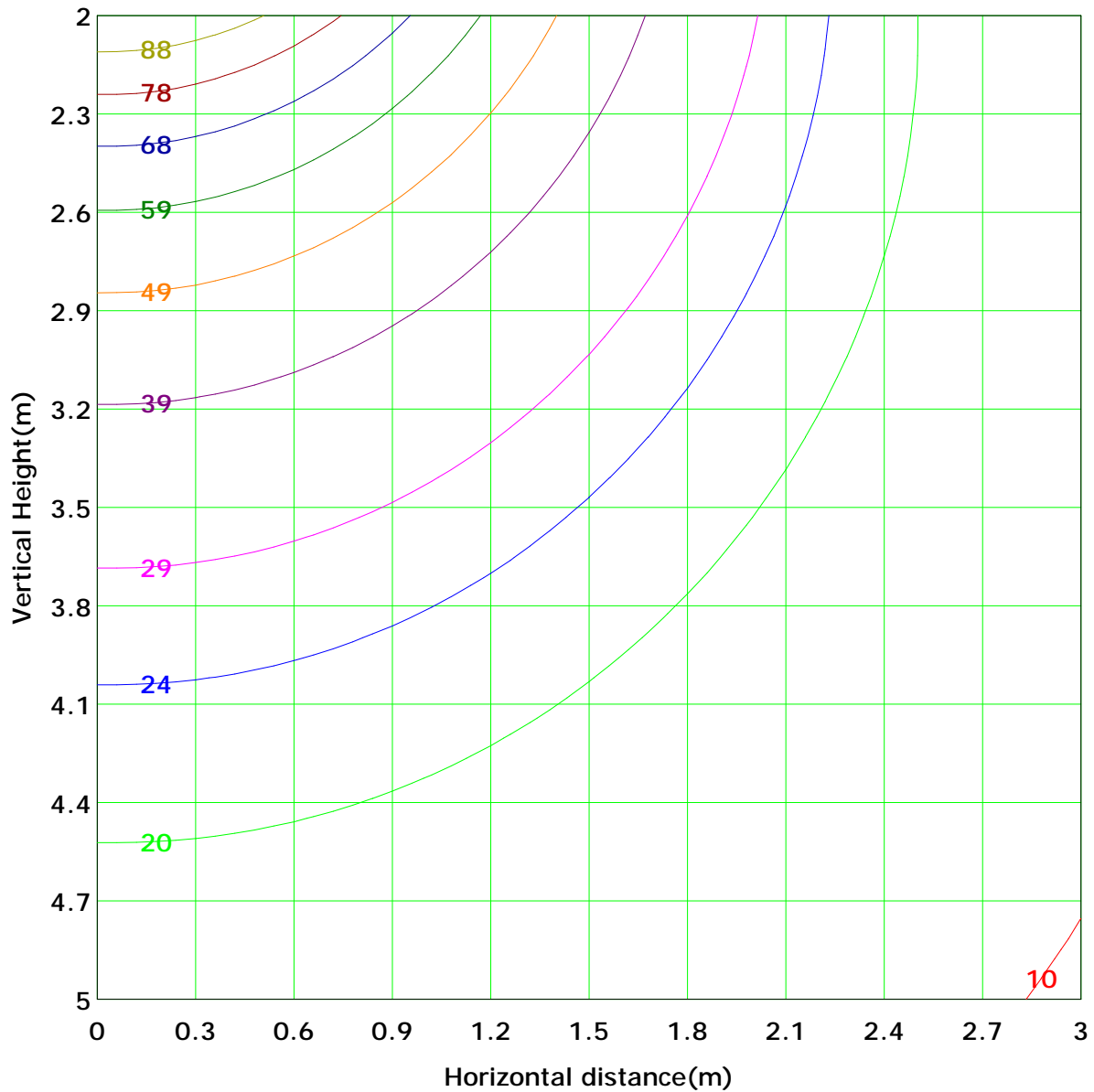


## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 97.5 lx
( 10%): 9.8 lx	( 20%): 19.5 lx	
( 25%): 24.4 lx	( 30%): 29.3 lx	
( 40%): 39.0 lx	( 50%): 48.8 lx	
( 60%): 58.5 lx	( 70%): 68.3 lx	
( 80%): 78.0 lx	( 90%): 87.8 lx	

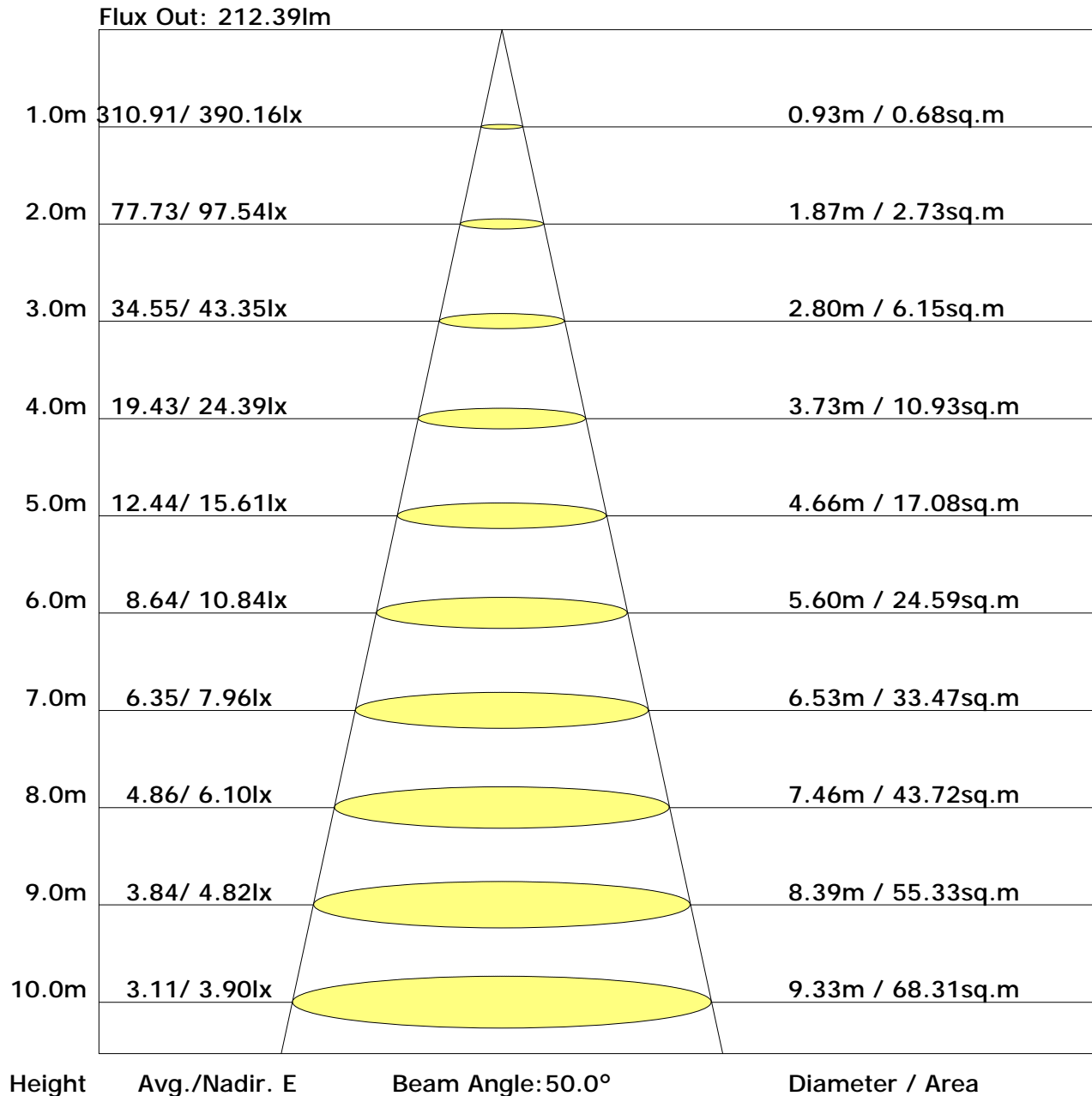
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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	19.4	20.9	19.8	21.3	21.6	19.2	20.7	19.5	21.1	21.4
3H	21.0	22.4	21.4	22.8	23.1	20.6	22.1	21.0	22.4	22.8
4H	21.5	22.9	22.0	23.2	23.7	21.1	22.5	21.6	22.8	23.3
6H	21.9	23.1	22.3	23.5	23.9	21.4	22.7	21.9	23.1	23.5
8H	22.0	23.2	22.4	23.6	24.0	21.5	22.7	21.9	23.1	23.5
12H	22.0	23.1	22.5	23.6	24.0	21.5	22.6	22.0	23.1	23.5
X=4H Y=2H	19.8	21.1	20.2	21.5	21.9	19.7	21.1	20.1	21.4	21.8
3H	21.5	22.6	21.9	23.1	23.5	21.4	22.5	21.8	22.9	23.4
4H	22.2	23.2	22.6	23.6	24.1	22.0	23.0	22.4	23.4	23.9
6H	22.6	23.5	23.1	23.9	24.4	22.4	23.3	22.9	23.7	24.2
8H	22.7	23.5	23.2	24.0	24.5	22.5	23.3	23.0	23.8	24.3
12H	22.8	23.5	23.3	24.0	24.5	22.5	23.3	23.0	23.8	24.3
X=8H Y=4H	22.3	23.1	22.8	23.6	24.1	22.2	23.0	22.7	23.5	24.0
6H	22.7	23.4	23.3	24.0	24.5	22.7	23.4	23.2	23.9	24.4
8H	22.9	23.5	23.4	24.0	24.6	22.8	23.4	23.4	24.0	24.5
12H	23.0	23.5	23.5	24.0	24.6	22.9	23.5	23.4	24.0	24.6
X=12H Y=4H	22.3	23.0	22.8	23.5	24.0	22.2	23.0	22.7	23.5	24.0
6H	22.8	23.4	23.3	23.9	24.4	22.7	23.3	23.3	23.8	24.4
8H	22.9	23.5	23.5	24.0	24.6	22.9	23.4	23.4	23.9	24.5

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	0.58	0.68	0.75	0.81	0.88	0.93	0.96	1.01	1.03
	0.30		0.50	0.61	0.68	0.74	0.82	0.87	0.91	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.96	0.99
	0.30		0.49	0.59	0.67	0.72	0.79	0.85	0.88	0.93	0.96
	0.20		0.44	0.54	0.62	0.67	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.64	0.70	0.75	0.81	0.86	0.89	0.93	0.95
	0.30		0.49	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.82	0.87	0.91
0.00	0.00	0.00	0.42	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86
<p>Rating: 14W 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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.77	0.65	0.56	0.45	0.40	0.32	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19	
	0.20		0.69	0.59	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	0.43	0.35	0.30	0.23	0.19	
	0.30		0.77	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.17	
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.13	
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 = 1.25								
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	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.21
	0.20		0.06	0.08	0.09	0.10	0.13	0.14	0.15	0.17	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		0.11	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.18	0.19
	0.20		0.06	0.08	0.09	0.10	0.12	0.13	0.15	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: 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	388.4	0.4	0.4	0.04	0.04
1.0-2.0	388.3	1.1	1.5	0.11	0.15
2.0-3.0	387.9	1.9	3.3	0.18	0.33
3.0-4.0	387.3	2.6	5.9	0.26	0.58
4.0-5.0	386.6	3.3	9.3	0.33	0.91
5.0-6.0	385.6	4.1	13.3	0.40	1.31
6.0-7.0	384.5	4.8	18.1	0.47	1.78
7.0-8.0	383.2	5.5	23.6	0.54	2.32
8.0-9.0	381.7	6.2	29.8	0.61	2.93
9.0-10.0	380.2	6.9	36.6	0.68	3.60
10.0-11.0	378.6	7.6	44.2	0.74	4.35
11.0-12.0	376.8	8.2	52.4	0.81	5.16
12.0-13.0	374.9	8.9	61.3	0.88	6.03
13.0-14.0	372.5	9.5	70.9	0.94	6.97
14.0-15.0	369.7	10.2	81.0	1.00	7.97
15.0-16.0	366.6	10.7	91.8	1.06	9.03
16.0-17.0	363.4	11.3	103.1	1.11	10.14
17.0-18.0	360.1	11.9	115.0	1.17	11.31
18.0-19.0	357.0	12.4	127.4	1.22	12.53
19.0-20.0	353.9	13.0	140.3	1.27	13.80
20.0-21.0	350.8	13.5	153.8	1.33	15.13
21.0-22.0	347.5	14.0	167.8	1.37	16.50
22.0-23.0	344.1	14.4	182.2	1.42	17.92
23.0-24.0	340.3	14.9	197.1	1.46	19.38
24.0-25.0	336.1	15.3	212.4	1.50	20.89
25.0-26.0	331.5	15.7	228.0	1.54	22.43
26.0-27.0	326.9	16.0	244.0	1.57	24.00
27.0-28.0	322.3	16.3	260.4	1.60	25.61
28.0-29.0	317.9	16.6	277.0	1.64	27.24
29.0-30.0	313.3	16.9	293.9	1.66	28.90
30.0-31.0	308.5	17.2	311.1	1.69	30.59
31.0-32.0	303.8	17.4	328.5	1.71	32.31
32.0-33.0	299.2	17.6	346.1	1.73	34.04
33.0-34.0	294.1	17.8	363.9	1.75	35.79
34.0-35.0	288.9	17.9	381.9	1.76	37.55
35.0-36.0	283.9	18.1	399.9	1.78	39.33

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	279.0	18.2	418.1	1.79	41.12
37.0-38.0	273.9	18.3	436.4	1.80	42.92
38.0-39.0	268.7	18.3	454.8	1.80	44.73
39.0-40.0	263.4	18.4	473.1	1.81	46.53
40.0-41.0	257.8	18.4	491.5	1.81	48.34
41.0-42.0	252.2	18.3	509.8	1.80	50.14
42.0-43.0	246.5	18.3	528.1	1.80	51.94
43.0-44.0	240.9	18.2	546.3	1.79	53.72
44.0-45.0	235.3	18.1	564.4	1.78	55.50
45.0-46.0	229.8	18.0	582.3	1.77	57.27
46.0-47.0	224.3	17.8	600.2	1.75	59.02
47.0-48.0	218.7	17.7	617.8	1.74	60.76
48.0-49.0	212.9	17.5	635.3	1.72	62.48
49.0-50.0	207.2	17.3	652.6	1.70	64.18
50.0-51.0	201.4	17.0	669.7	1.68	65.86
51.0-52.0	195.6	16.8	686.4	1.65	67.51
52.0-53.0	189.7	16.5	702.9	1.62	69.13
53.0-54.0	183.9	16.2	719.2	1.59	70.73
54.0-55.0	178.3	15.9	735.1	1.57	72.29
55.0-56.0	172.5	15.6	750.7	1.53	73.83
56.0-57.0	166.5	15.2	765.9	1.50	75.32
57.0-58.0	160.6	14.9	780.7	1.46	76.78
58.0-59.0	154.7	14.5	795.2	1.42	78.21
59.0-60.0	148.8	14.1	809.3	1.38	79.59
60.0-61.0	143.0	13.6	822.9	1.34	80.93
61.0-62.0	137.1	13.2	836.1	1.30	82.23
62.0-63.0	131.1	12.8	848.9	1.25	83.48
63.0-64.0	125.2	12.3	861.2	1.21	84.69
64.0-65.0	119.3	11.8	873.0	1.16	85.86
65.0-66.0	113.5	11.3	884.3	1.11	86.97
66.0-67.0	107.6	10.8	895.1	1.06	88.03
67.0-68.0	101.8	10.3	905.4	1.01	89.05
68.0-69.0	96.0	9.8	915.2	0.96	90.01
69.0-70.0	90.2	9.3	924.5	0.91	90.92
70.0-71.0	84.4	8.7	933.2	0.86	91.78
71.0-72.0	78.7	8.2	941.4	0.81	92.59

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	73.1	7.6	949.1	0.75	93.34
73.0-74.0	67.5	7.1	956.2	0.70	94.04
74.0-75.0	62.0	6.6	962.7	0.64	94.68
75.0-76.0	56.6	6.0	968.7	0.59	95.27
76.0-77.0	51.2	5.5	974.2	0.54	95.81
77.0-78.0	46.0	4.9	979.1	0.48	96.29
78.0-79.0	40.9	4.4	983.5	0.43	96.73
79.0-80.0	36.0	3.9	987.4	0.38	97.11
80.0-81.0	31.2	3.4	990.8	0.33	97.44
81.0-82.0	26.6	2.9	993.6	0.28	97.72
82.0-83.0	22.2	2.4	996.1	0.24	97.96
83.0-84.0	18.0	2.0	998.0	0.19	98.15
84.0-85.0	14.0	1.5	999.5	0.15	98.30
85.0-86.0	10.4	1.1	1000.7	0.11	98.41
86.0-87.0	7.3	0.8	1001.5	0.08	98.49
87.0-88.0	4.9	0.5	1002.0	0.05	98.55
88.0-89.0	3.2	0.4	1002.4	0.03	98.58
89.0-90.0	2.0	0.2	1002.6	0.02	98.60
90.0-91.0	1.3	0.1	1002.8	0.01	98.62
91.0-92.0	1.1	0.1	1002.9	0.01	98.63
92.0-93.0	1.1	0.1	1003.0	0.01	98.64
93.0-94.0	1.1	0.1	1003.1	0.01	98.65
94.0-95.0	1.1	0.1	1003.2	0.01	98.67
95.0-96.0	1.1	0.1	1003.4	0.01	98.68
96.0-97.0	1.2	0.1	1003.5	0.01	98.69
97.0-98.0	1.2	0.1	1003.6	0.01	98.70
98.0-99.0	1.3	0.1	1003.8	0.01	98.72
99.0-100.0	1.3	0.1	1003.9	0.01	98.73
100.0-101.0	1.3	0.1	1004.0	0.01	98.75
101.0-102.0	1.4	0.1	1004.2	0.01	98.76
102.0-103.0	1.4	0.2	1004.3	0.01	98.77
103.0-104.0	1.4	0.2	1004.5	0.02	98.79
104.0-105.0	1.5	0.2	1004.6	0.02	98.80
105.0-106.0	1.5	0.2	1004.8	0.02	98.82
106.0-107.0	1.5	0.2	1005.0	0.02	98.84
107.0-108.0	1.6	0.2	1005.1	0.02	98.85

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	1.6	0.2	1005.3	0.02	98.87
109.0-110.0	1.7	0.2	1005.5	0.02	98.89
110.0-111.0	1.7	0.2	1005.7	0.02	98.90
111.0-112.0	1.8	0.2	1005.8	0.02	98.92
112.0-113.0	1.8	0.2	1006.0	0.02	98.94
113.0-114.0	1.9	0.2	1006.2	0.02	98.96
114.0-115.0	1.9	0.2	1006.4	0.02	98.98
115.0-116.0	2.0	0.2	1006.6	0.02	99.00
116.0-117.0	2.0	0.2	1006.8	0.02	99.02
117.0-118.0	2.0	0.2	1007.0	0.02	99.04
118.0-119.0	2.1	0.2	1007.2	0.02	99.06
119.0-120.0	2.1	0.2	1007.4	0.02	99.08
120.0-121.0	2.2	0.2	1007.6	0.02	99.10
121.0-122.0	2.2	0.2	1007.8	0.02	99.12
122.0-123.0	2.3	0.2	1008.0	0.02	99.14
123.0-124.0	2.3	0.2	1008.2	0.02	99.16
124.0-125.0	2.4	0.2	1008.4	0.02	99.18
125.0-126.0	2.4	0.2	1008.7	0.02	99.20
126.0-127.0	2.4	0.2	1008.9	0.02	99.22
127.0-128.0	2.5	0.2	1009.1	0.02	99.24
128.0-129.0	2.5	0.2	1009.3	0.02	99.26
129.0-130.0	2.6	0.2	1009.5	0.02	99.28
130.0-131.0	2.6	0.2	1009.8	0.02	99.31
131.0-132.0	2.7	0.2	1010.0	0.02	99.33
132.0-133.0	2.7	0.2	1010.2	0.02	99.35
133.0-134.0	2.8	0.2	1010.4	0.02	99.37
134.0-135.0	2.8	0.2	1010.6	0.02	99.39
135.0-136.0	2.8	0.2	1010.8	0.02	99.41
136.0-137.0	2.9	0.2	1011.1	0.02	99.44
137.0-138.0	2.9	0.2	1011.3	0.02	99.46
138.0-139.0	3.0	0.2	1011.5	0.02	99.48
139.0-140.0	3.0	0.2	1011.7	0.02	99.50
140.0-141.0	3.0	0.2	1011.9	0.02	99.52
141.0-142.0	3.1	0.2	1012.1	0.02	99.54
142.0-143.0	3.1	0.2	1012.3	0.02	99.56
143.0-144.0	3.2	0.2	1012.5	0.02	99.58

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	3.2	0.2	1012.8	0.02	99.60
145.0-146.0	3.2	0.2	1013.0	0.02	99.62
146.0-147.0	3.3	0.2	1013.2	0.02	99.64
147.0-148.0	3.3	0.2	1013.3	0.02	99.66
148.0-149.0	3.3	0.2	1013.5	0.02	99.68
149.0-150.0	3.4	0.2	1013.7	0.02	99.70
150.0-151.0	3.4	0.2	1013.9	0.02	99.72
151.0-152.0	3.4	0.2	1014.1	0.02	99.73
152.0-153.0	3.5	0.2	1014.3	0.02	99.75
153.0-154.0	3.5	0.2	1014.4	0.02	99.77
154.0-155.0	3.5	0.2	1014.6	0.02	99.78
155.0-156.0	3.6	0.2	1014.8	0.02	99.80
156.0-157.0	3.6	0.2	1014.9	0.02	99.81
157.0-158.0	3.6	0.2	1015.1	0.01	99.83
158.0-159.0	3.6	0.1	1015.2	0.01	99.84
159.0-160.0	3.7	0.1	1015.4	0.01	99.86
160.0-161.0	3.7	0.1	1015.5	0.01	99.87
161.0-162.0	3.7	0.1	1015.6	0.01	99.88
162.0-163.0	3.8	0.1	1015.8	0.01	99.90
163.0-164.0	3.8	0.1	1015.9	0.01	99.91
164.0-165.0	3.8	0.1	1016.0	0.01	99.92
165.0-166.0	3.8	0.1	1016.1	0.01	99.93
166.0-167.0	3.8	0.1	1016.2	0.01	99.94
167.0-168.0	3.8	0.1	1016.3	0.01	99.95
168.0-169.0	3.8	0.1	1016.4	0.01	99.96
169.0-170.0	3.8	0.1	1016.4	0.01	99.96
170.0-171.0	3.8	0.1	1016.5	0.01	99.97
171.0-172.0	3.9	0.1	1016.6	0.01	99.98
172.0-173.0	3.9	0.1	1016.6	0.01	99.98
173.0-174.0	3.9	0.0	1016.7	0.00	99.99
174.0-175.0	3.9	0.0	1016.7	0.00	99.99
175.0-176.0	3.9	0.0	1016.7	0.00	99.99
176.0-177.0	4.0	0.0	1016.8	0.00	100.00
177.0-178.0	4.0	0.0	1016.8	0.00	100.00
178.0-179.0	4.0	0.0	1016.8	0.00	100.00
179.0-180.0	4.1	0.0	1016.8	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: