

Report No.:

Test Time: 2020/11/18 14:46

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Contour 3.0

Luminaire Description: NEON+RB0RGB203.0RGB-9N-GREEN

Lamp Catalog: 9N-G

Number of Lamps: 126

Luminous Width (mm): 8

Voltage: 24.0 V

Power: 1.75 W

Lamp Description: 3528 RGB

Luminous Length (mm): 500

Luminous Height (mm): 12

Current: 0.073 A

Power Factor: 1.000

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 29.7 lm

Downward Ratio: 76%

Horizontal Diffuse Angle(10%,50%): H158.5,H107.9

Vertical Diffuse Angle(10%,50%): V269.5,V169.6

Luminaire Efficacy Rating (LER): 17

Max. Intensity: 7.93 cd

Total Rated Lamp Lumens: 29.7 lm

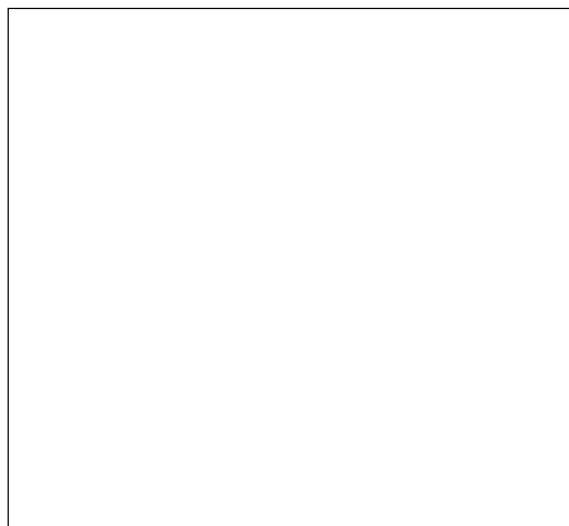
Efficiency: 100%

Upward Ratio: 24%

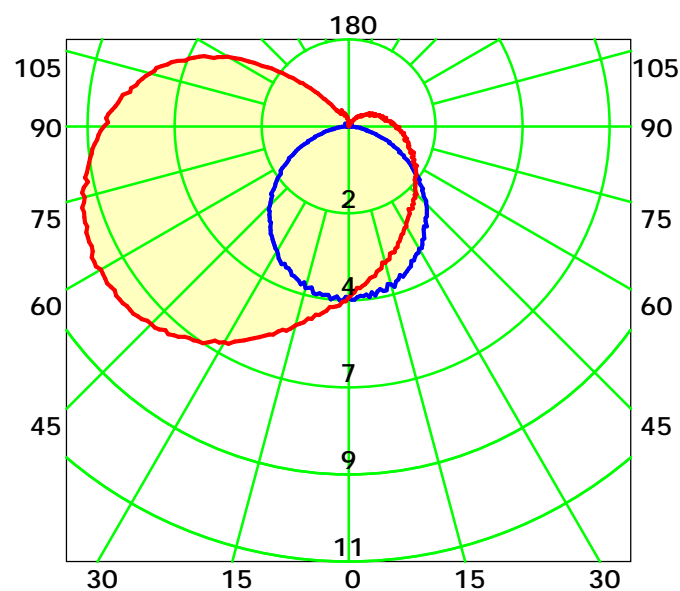
Central Intensity: 4.71 cd

Pos of Max. Intensity: H270 V61

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 138.7° 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

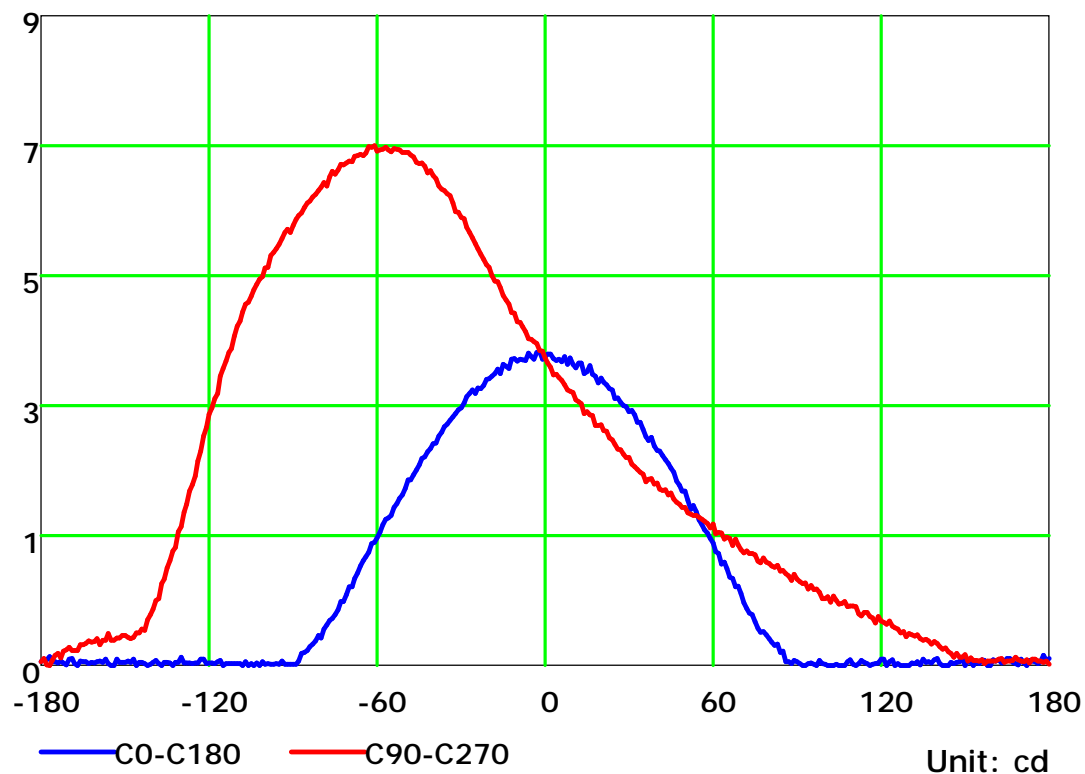
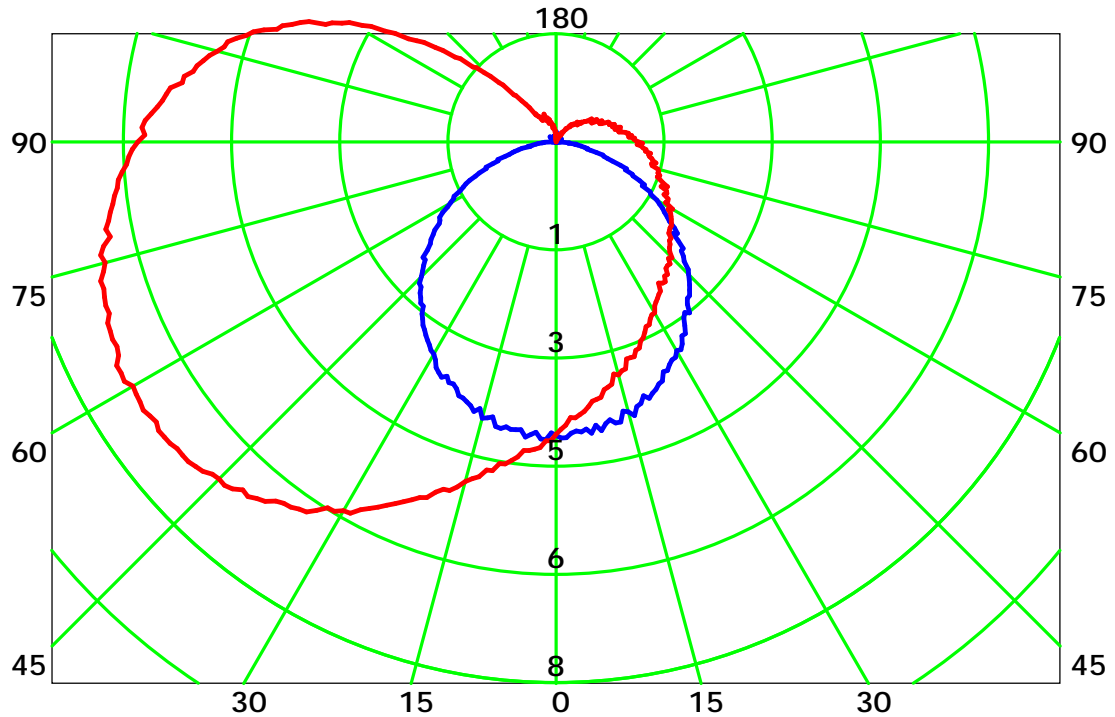
Distance: 9.028 m

Humidity: 60%

Inspector:



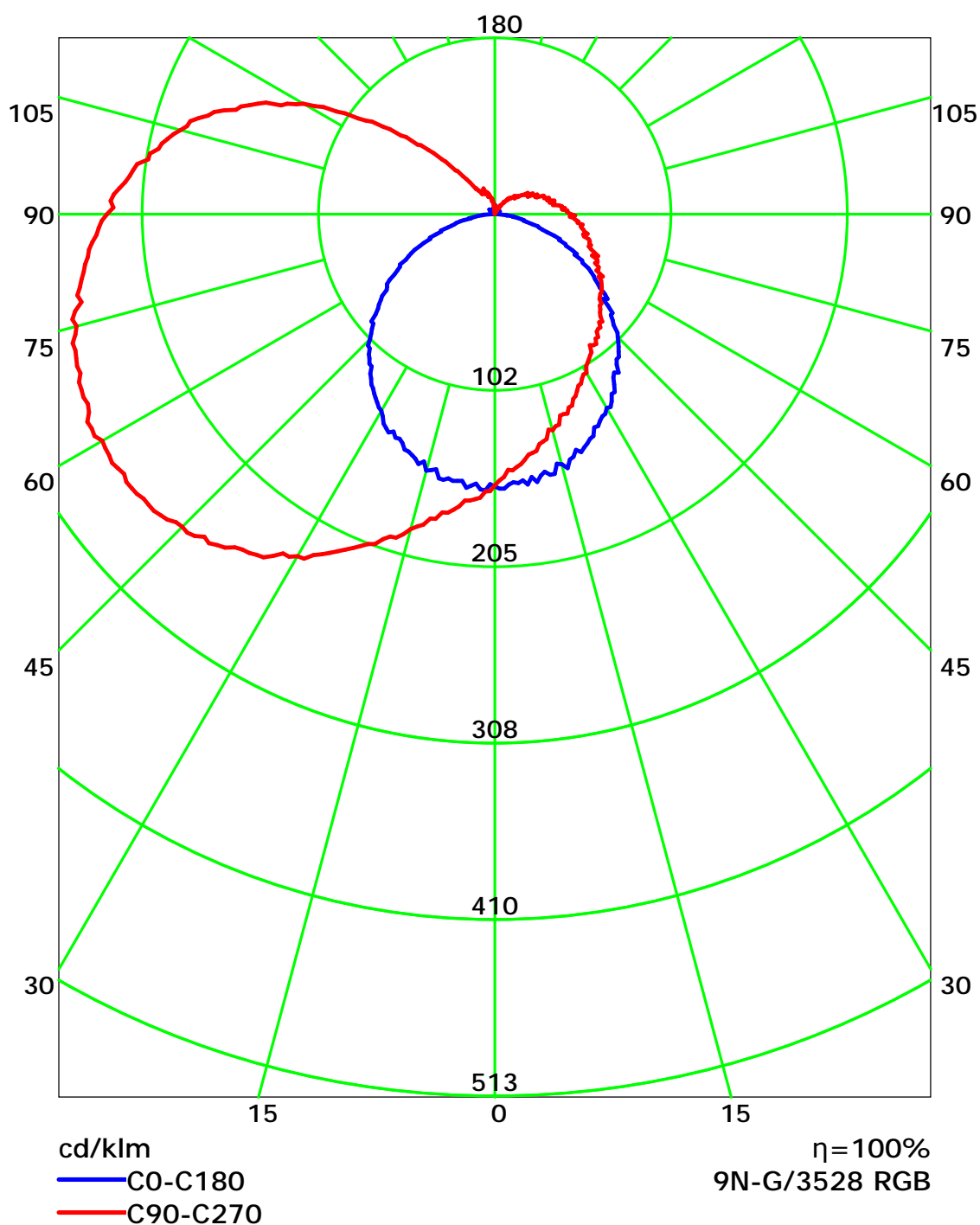
## Luminous Intensity Distribution Curve



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:

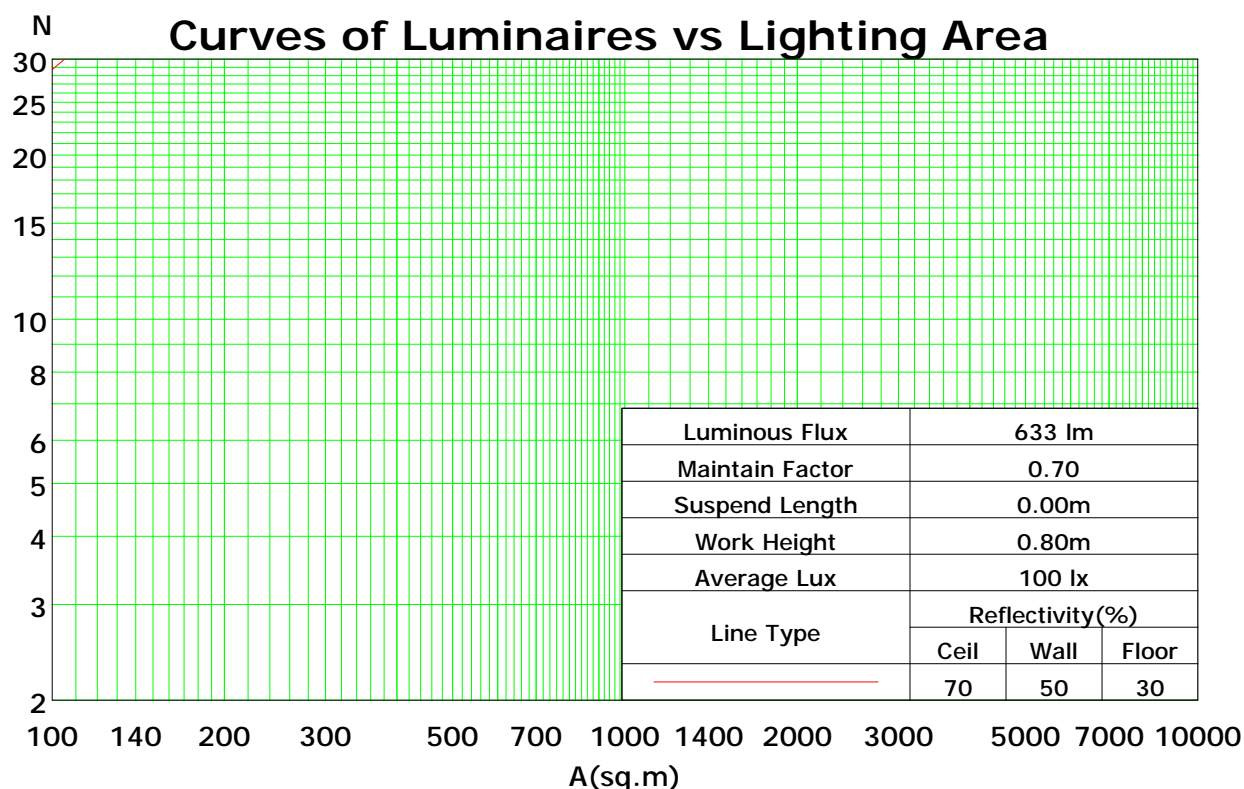
## Coefficients Of Utilization - Zonal Cavity Method

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	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80	76
1	99	93	87	82	94	88	83	78	79	75	71	71	68	65	64	61	59	55
2	88	78	70	63	83	74	67	61	67	61	55	60	55	51	53	49	46	42
3	80	68	58	51	75	64	56	49	58	51	45	52	46	41	46	41	37	34
4	72	59	49	42	68	56	47	40	50	43	37	45	39	34	40	35	31	28
5	66	52	42	35	62	50	41	34	45	37	31	40	34	29	36	31	26	23
6	61	46	37	30	57	44	35	29	40	32	27	36	30	25	32	27	23	20
7	56	42	33	26	53	40	31	25	36	29	23	33	26	22	29	24	20	17
8	52	38	29	23	49	36	28	22	33	26	21	30	24	19	27	21	17	15
9	48	35	26	20	46	33	25	20	30	23	18	27	21	17	25	19	16	13
10	45	32	24	18	43	30	23	18	28	21	16	25	19	15	23	18	14	12

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.65

Spacing Criteria (Diagonal): 1.60



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

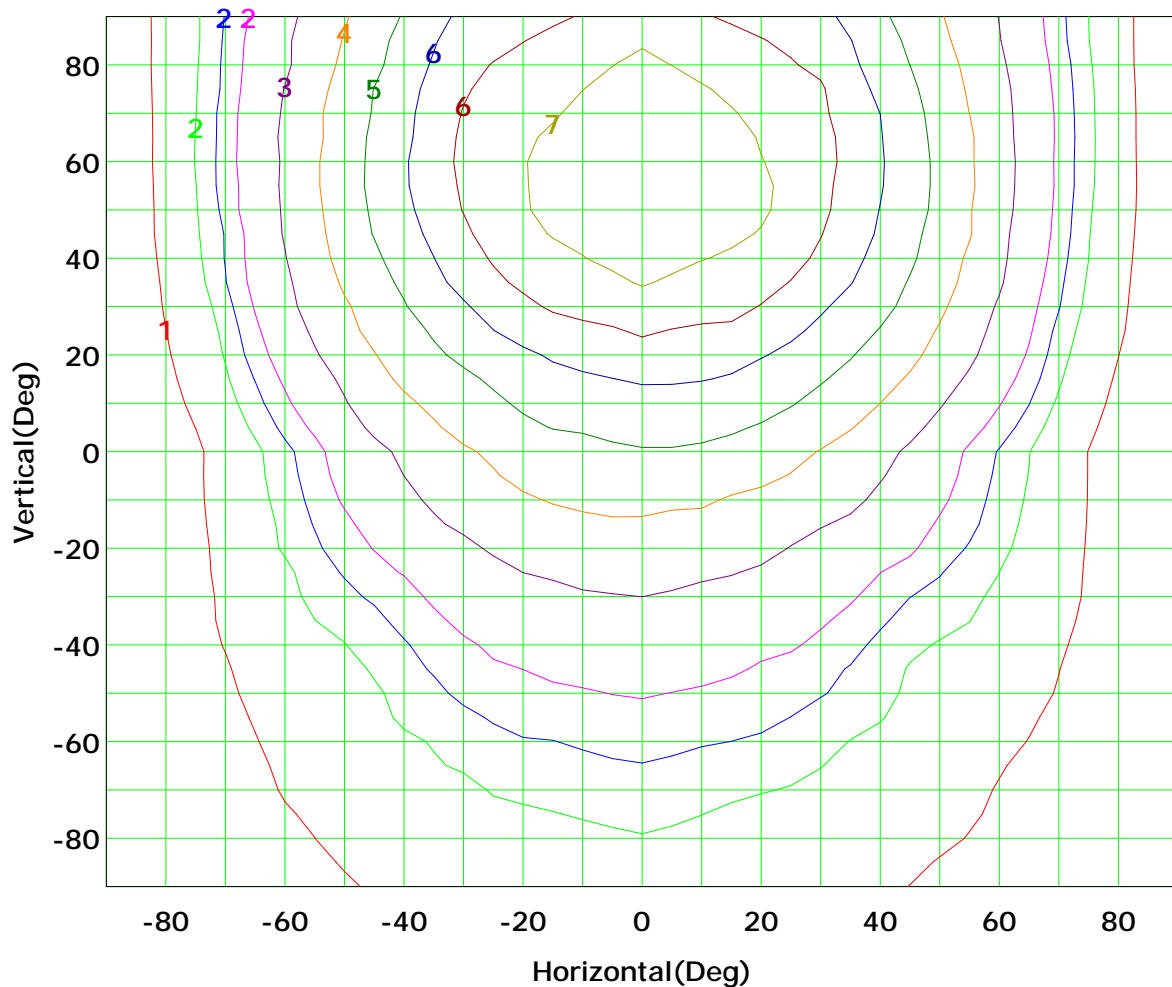
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



I<sub>max</sub> (100%): 8 cd

( 10%):	1 cd	( 20%):	2 cd
( 25%):	2 cd	( 30%):	2 cd
( 40%):	3 cd	( 50%):	4 cd
( 60%):	5 cd	( 70%):	6 cd
( 80%):	6 cd	( 90%):	7 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

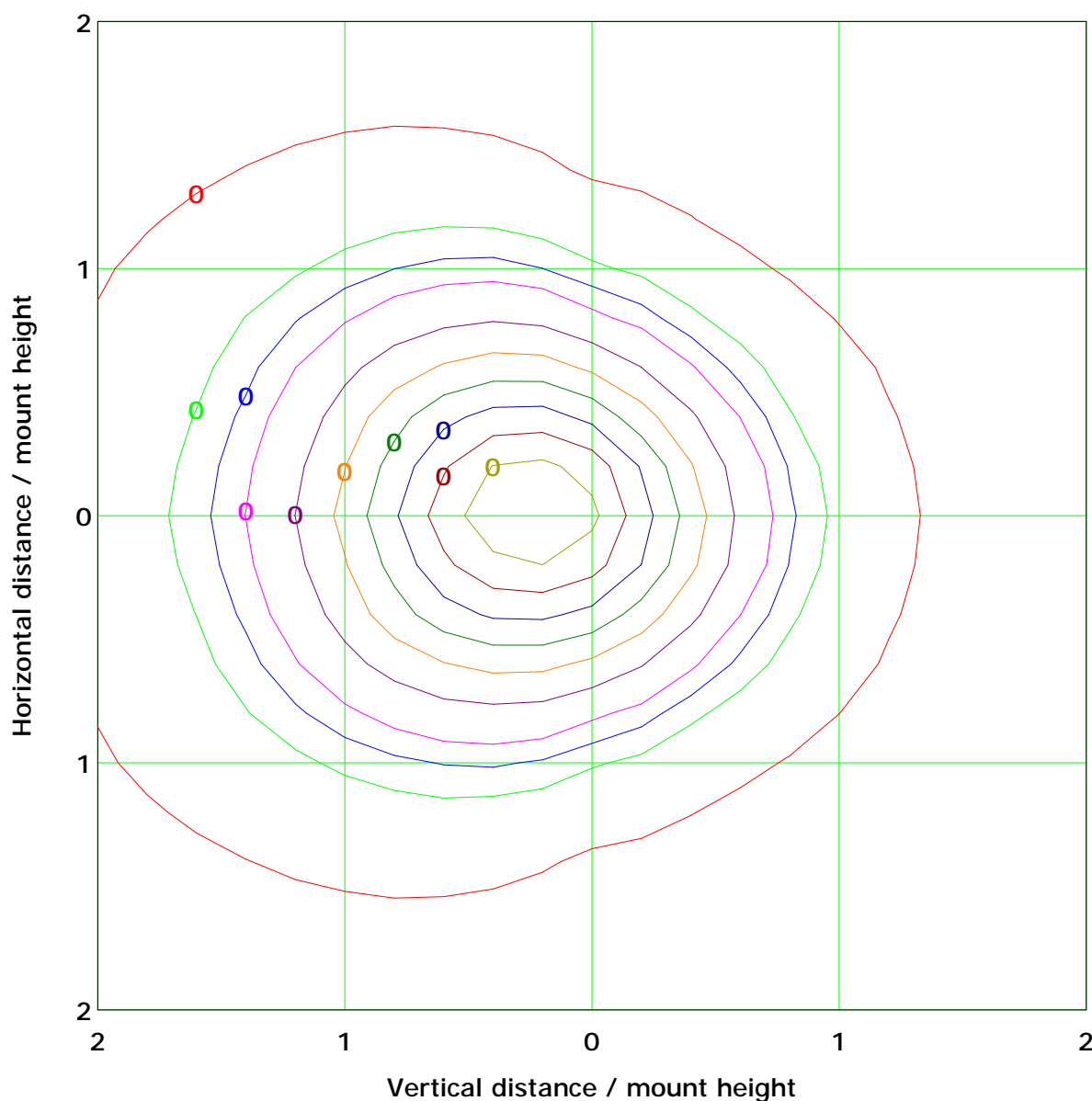
Test Device: GPM-1800B

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%): 0.1 lx	( 30%): 0.1 lx
( 40%): 0.1 lx	( 50%): 0.1 lx
( 60%): 0.1 lx	( 70%): 0.1 lx
( 80%): 0.2 lx	( 90%): 0.2 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%

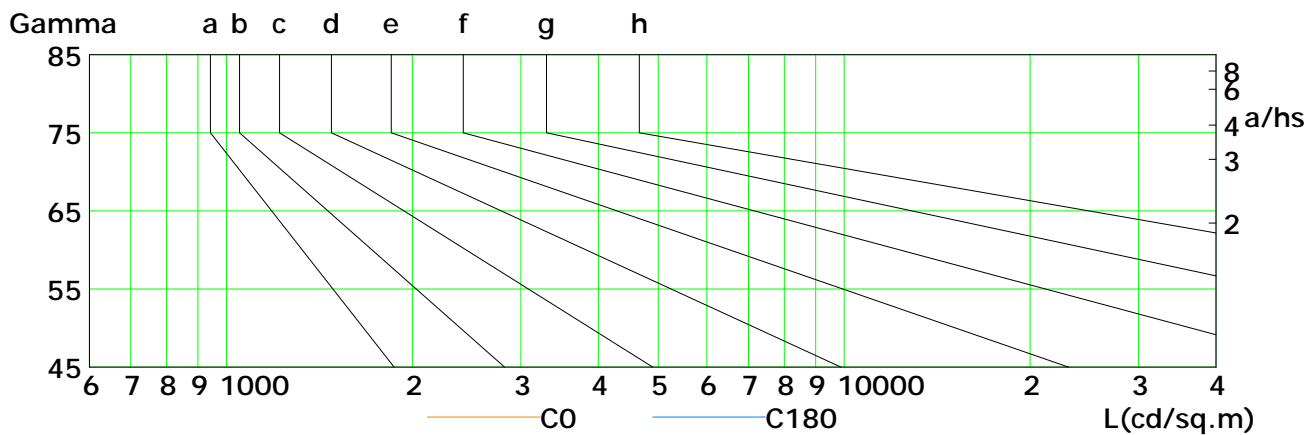
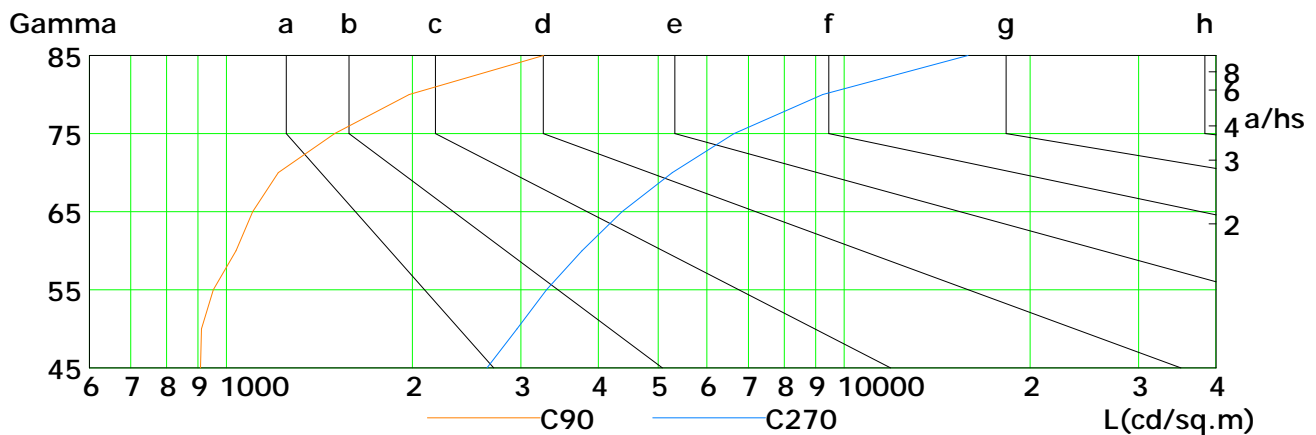
Inspector:



## 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	426	371	308	260	208	157	98	62	35
C90	908	911	952	1037	1103	1214	1498	1977	3264
C180	433	377	318	271	224	171	114	64	36
C270	2641	2957	3300	3764	4371	5273	6640	9238	15869

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

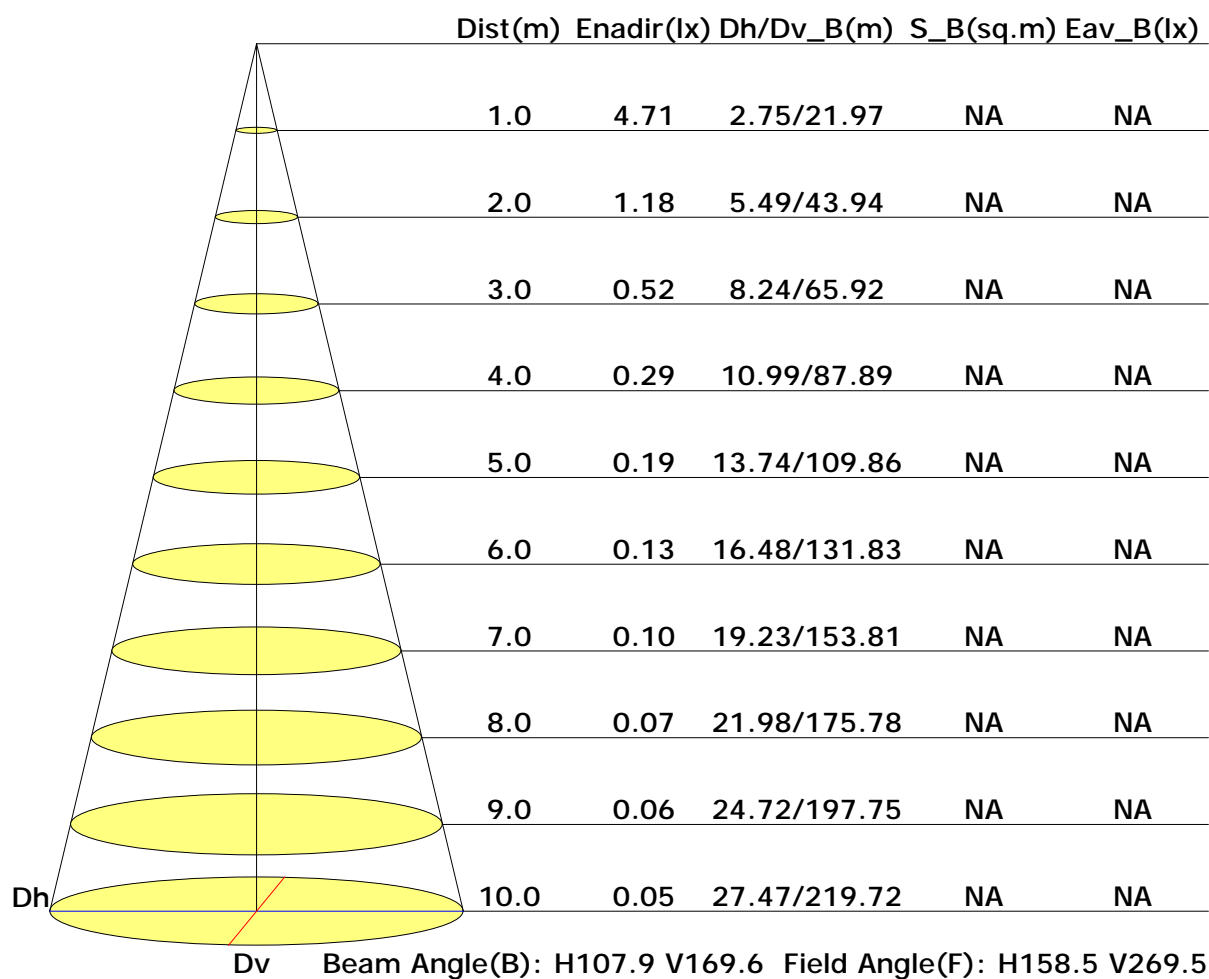
Test Device: GPM-1800B

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

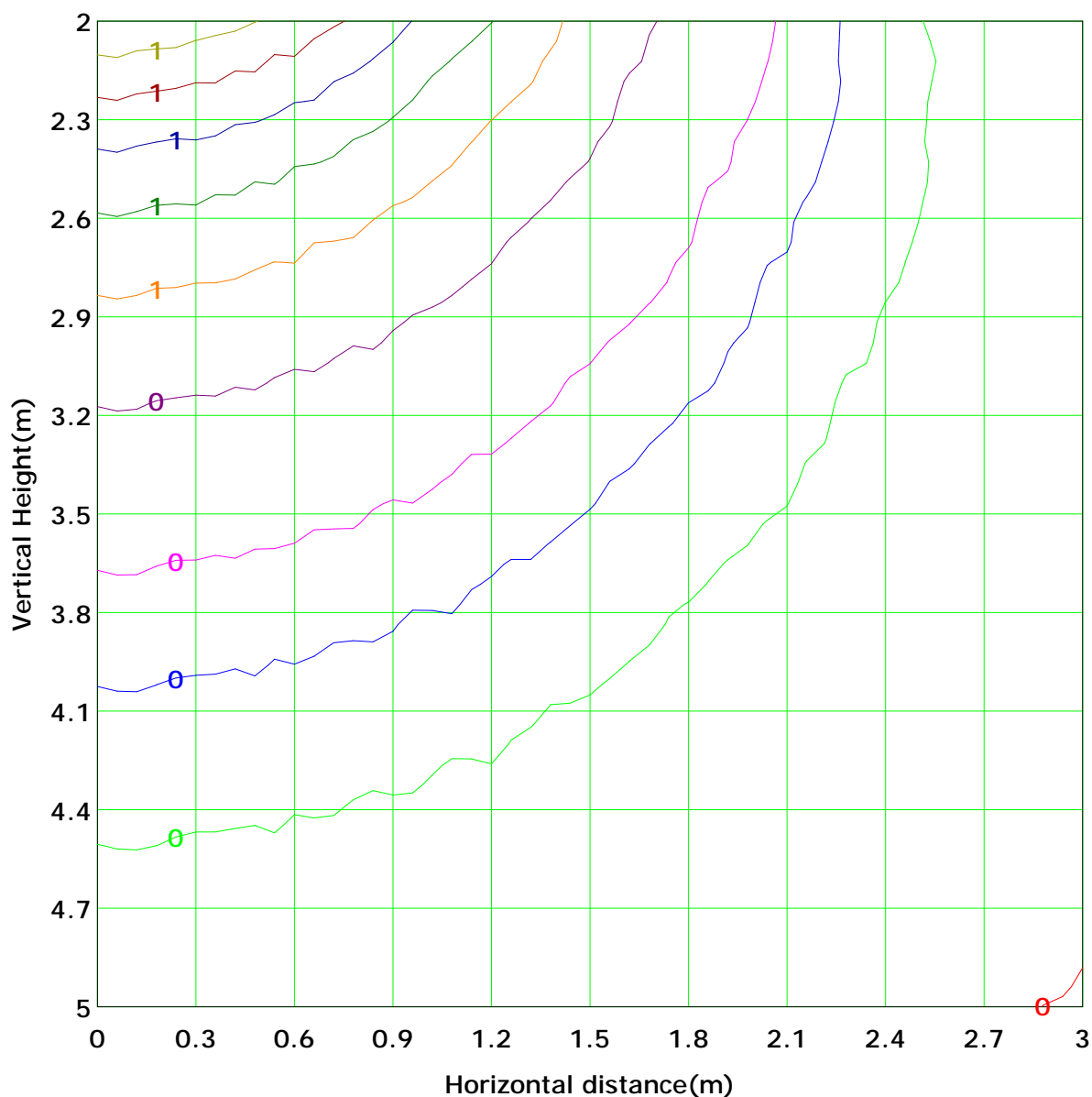
Distance: 9.028 m

Humidity: 60%

Inspector:



## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 1.2 lx
( 10%): 0.1 lx	( 20%): 0.2 lx	( 30%): 0.4 lx
( 25%): 0.3 lx	( 40%): 0.5 lx	( 50%): 0.6 lx
( 60%): 0.7 lx	( 70%): 0.8 lx	( 90%): 1.1 lx
( 80%): 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%

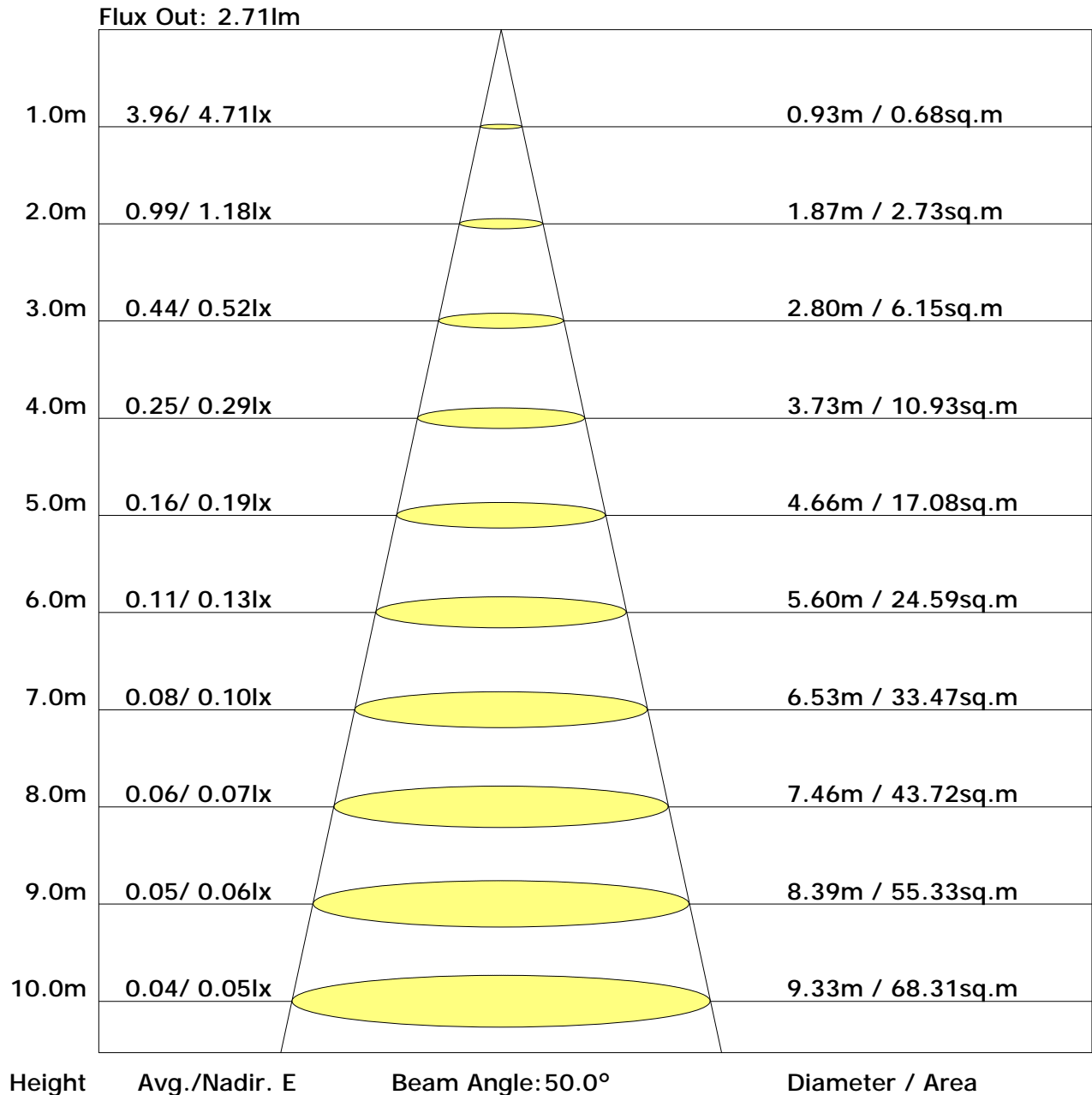
Inspector:

## Unit: 1m

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



## The Average Illuminance Effective Figure



## 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	20.4	21.8	21.1	22.5	23.3	16.4	17.7	17.1	18.4	19.2
3H	22.3	23.5	23.0	24.2	25.1	18.5	19.8	19.2	20.5	21.3
4H	23.0	24.1	23.7	24.9	25.7	19.6	20.7	20.3	21.4	22.3
6H	23.5	24.6	24.2	25.3	26.2	20.5	21.6	21.3	22.4	23.3
8H	23.6	24.7	24.4	25.5	26.3	21.0	22.1	21.7	22.8	23.7
12H	23.8	24.8	24.5	25.5	26.5	21.5	22.5	22.2	23.2	24.1
X=4H Y=2H	21.7	22.9	22.4	23.6	24.5	16.9	18.1	17.6	18.8	19.7
3H	23.9	24.9	24.6	25.6	26.5	19.4	20.4	20.1	21.1	22.0
4H	24.8	25.7	25.5	26.5	27.4	20.6	21.5	21.3	22.3	23.2
6H	25.5	26.3	26.2	27.1	28.0	21.7	22.6	22.5	23.4	24.3
8H	25.8	26.6	26.5	27.3	28.3	22.3	23.1	23.1	23.9	24.8
12H	26.0	26.7	26.8	27.5	28.5	22.9	23.6	23.6	24.4	25.3
X=8H Y=4H	25.8	26.6	26.5	27.3	28.3	20.9	21.7	21.6	22.5	23.4
6H	26.8	27.5	27.6	28.3	29.3	22.3	23.0	23.1	23.8	24.7
8H	27.3	27.9	28.1	28.7	29.7	23.0	23.6	23.8	24.4	25.4
12H	27.7	28.3	28.5	29.1	30.1	23.7	24.3	24.5	25.1	26.1
X=12H Y=4H	26.0	26.8	26.8	27.6	28.5	20.9	21.7	21.7	22.5	23.4
6H	27.3	27.9	28.1	28.7	29.7	22.4	23.0	23.2	23.8	24.8
8H	27.9	28.4	28.7	29.2	30.2	23.2	23.7	24.0	24.6	25.6

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 = 1.50									
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	0.44	0.52	0.59	0.64	0.71	0.77	0.80	0.85	0.89	
	0.30		0.36	0.44	0.51	0.56	0.64	0.69	0.74	0.80	0.84	
	0.20		0.30	0.37	0.44	0.49	0.58	0.64	0.68	0.75	0.80	
0.50	0.50	0.20	0.41	0.47	0.54	0.58	0.64	0.69	0.72	0.77	0.80	
	0.30		0.33	0.40	0.47	0.51	0.58	0.63	0.67	0.72	0.76	
	0.20		0.28	0.35	0.41	0.46	0.53	0.58	0.63	0.68	0.73	
0.30	0.50	0.20	0.37	0.43	0.48	0.52	0.58	0.62	0.65	0.69	0.72	
	0.30		0.31	0.37	0.43	0.47	0.53	0.58	0.61	0.66	0.69	
	0.20		0.26	0.32	0.38	0.42	0.49	0.54	0.57	0.62	0.66	
0.00	0.00	0.00	0.22	0.27	0.32	0.36	0.41	0.45	0.48	0.53	0.56	
Rating: 2W 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	1.05	0.92	0.80	0.71	0.59	0.51	0.45	0.36	0.30
	0.30		0.87	0.78	0.70	0.63	0.54	0.47	0.42	0.34	0.29
	0.20		0.75	0.68	0.62	0.57	0.49	0.43	0.39	0.32	0.28
0.50	0.50	0.20	0.96	0.84	0.73	0.66	0.55	0.49	0.41	0.34	0.28
	0.30		0.81	0.73	0.65	0.59	0.50	0.44	0.39	0.32	0.27
	0.20		0.71	0.64	0.58	0.53	0.46	0.41	0.36	0.30	0.26
0.30	0.50	0.20	0.89	0.77	0.67	0.60	0.50	0.43	0.38	0.31	0.26
	0.30		0.76	0.68	0.60	0.55	0.47	0.41	0.36	0.30	0.25
	0.20		0.66	0.61	0.55	0.50	0.43	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.54	0.49	0.44	0.41	0.35	0.31	0.28	0.23	0.20
<p>Rating: 2W 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(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	0.40	0.42	0.42	0.43	0.44	0.44	0.45	0.45	0.45
	0.30		0.33	0.34	0.35	0.36	0.38	0.39	0.40	0.41	0.41
	0.20		0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38
0.50	0.50	0.20	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.43	0.43
	0.30		0.32	0.34	0.35	0.35	0.37	0.38	0.38	0.39	0.40
	0.20		0.27	0.29	0.30	0.31	0.32	0.33	0.34	0.36	0.37
0.30	0.50	0.20	0.37	0.39	0.39	0.40	0.40	0.41	0.41	0.41	0.41
	0.30		0.32	0.33	0.34	0.35	0.36	0.36	0.37	0.38	0.39
	0.20		0.27	0.28	0.29	0.30	0.32	0.33	0.34	0.35	0.36
0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Rating: 2W 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	4.7	0.0	0.0	0.02	0.02
1.0-2.0	4.7	0.0	0.0	0.05	0.06
2.0-3.0	4.7	0.0	0.0	0.08	0.14
3.0-4.0	4.7	0.0	0.1	0.11	0.24
4.0-5.0	4.7	0.0	0.1	0.14	0.38
5.0-6.0	4.7	0.0	0.2	0.17	0.54
6.0-7.0	4.7	0.1	0.2	0.19	0.74
7.0-8.0	4.7	0.1	0.3	0.22	0.96
8.0-9.0	4.7	0.1	0.4	0.25	1.21
9.0-10.0	4.6	0.1	0.4	0.28	1.50
10.0-11.0	4.6	0.1	0.5	0.31	1.81
11.0-12.0	4.6	0.1	0.6	0.34	2.15
12.0-13.0	4.6	0.1	0.7	0.37	2.52
13.0-14.0	4.6	0.1	0.9	0.40	2.92
14.0-15.0	4.6	0.1	1.0	0.43	3.35
15.0-16.0	4.6	0.1	1.1	0.46	3.80
16.0-17.0	4.6	0.1	1.3	0.48	4.29
17.0-18.0	4.6	0.2	1.4	0.51	4.80
18.0-19.0	4.6	0.2	1.6	0.54	5.34
19.0-20.0	4.6	0.2	1.8	0.57	5.90
20.0-21.0	4.6	0.2	1.9	0.59	6.49
21.0-22.0	4.6	0.2	2.1	0.62	7.11
22.0-23.0	4.5	0.2	2.3	0.64	7.75
23.0-24.0	4.5	0.2	2.5	0.67	8.42
24.0-25.0	4.5	0.2	2.7	0.69	9.11
25.0-26.0	4.5	0.2	2.9	0.72	9.83
26.0-27.0	4.5	0.2	3.1	0.74	10.57
27.0-28.0	4.5	0.2	3.4	0.76	11.33
28.0-29.0	4.5	0.2	3.6	0.79	12.12
29.0-30.0	4.4	0.2	3.8	0.81	12.93
30.0-31.0	4.4	0.2	4.1	0.83	13.76
31.0-32.0	4.4	0.3	4.3	0.85	14.61
32.0-33.0	4.4	0.3	4.6	0.87	15.49
33.0-34.0	4.4	0.3	4.9	0.89	16.38
34.0-35.0	4.4	0.3	5.1	0.91	17.29
35.0-36.0	4.3	0.3	5.4	0.93	18.22

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	4.3	0.3	5.7	0.95	19.17
37.0-38.0	4.3	0.3	6.0	0.97	20.14
38.0-39.0	4.3	0.3	6.3	0.98	21.12
39.0-40.0	4.2	0.3	6.6	1.00	22.12
40.0-41.0	4.2	0.3	6.9	1.01	23.13
41.0-42.0	4.2	0.3	7.2	1.03	24.16
42.0-43.0	4.2	0.3	7.5	1.05	25.21
43.0-44.0	4.2	0.3	7.8	1.06	26.27
44.0-45.0	4.1	0.3	8.1	1.07	27.34
45.0-46.0	4.1	0.3	8.4	1.08	28.43
46.0-47.0	4.1	0.3	8.8	1.09	29.52
47.0-48.0	4.1	0.3	9.1	1.10	30.62
48.0-49.0	4.0	0.3	9.4	1.11	31.74
49.0-50.0	4.0	0.3	9.8	1.12	32.86
50.0-51.0	4.0	0.3	10.1	1.13	33.99
51.0-52.0	3.9	0.3	10.4	1.13	35.12
52.0-53.0	3.9	0.3	10.8	1.14	36.27
53.0-54.0	3.9	0.3	11.1	1.15	37.42
54.0-55.0	3.8	0.3	11.5	1.15	38.56
55.0-56.0	3.8	0.3	11.8	1.16	39.72
56.0-57.0	3.8	0.3	12.1	1.16	40.88
57.0-58.0	3.7	0.3	12.5	1.16	42.04
58.0-59.0	3.7	0.3	12.8	1.16	43.20
59.0-60.0	3.6	0.3	13.2	1.16	44.36
60.0-61.0	3.6	0.3	13.5	1.16	45.52
61.0-62.0	3.6	0.3	13.9	1.16	46.68
62.0-63.0	3.5	0.3	14.2	1.16	47.84
63.0-64.0	3.5	0.3	14.6	1.16	49.00
64.0-65.0	3.5	0.3	14.9	1.15	50.15
65.0-66.0	3.4	0.3	15.2	1.15	51.30
66.0-67.0	3.4	0.3	15.6	1.14	52.44
67.0-68.0	3.3	0.3	15.9	1.14	53.58
68.0-69.0	3.3	0.3	16.2	1.13	54.71
69.0-70.0	3.2	0.3	16.6	1.12	55.83
70.0-71.0	3.2	0.3	16.9	1.11	56.94
71.0-72.0	3.1	0.3	17.2	1.10	58.04

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	3.1	0.3	17.6	1.09	59.13
73.0-74.0	3.1	0.3	17.9	1.09	60.21
74.0-75.0	3.0	0.3	18.2	1.08	61.29
75.0-76.0	3.0	0.3	18.5	1.06	62.36
76.0-77.0	2.9	0.3	18.8	1.05	63.41
77.0-78.0	2.9	0.3	19.1	1.04	64.45
78.0-79.0	2.9	0.3	19.4	1.04	65.49
79.0-80.0	2.8	0.3	19.8	1.02	66.51
80.0-81.0	2.8	0.3	20.1	1.01	67.53
81.0-82.0	2.7	0.3	20.4	1.00	68.53
82.0-83.0	2.7	0.3	20.6	0.99	69.51
83.0-84.0	2.7	0.3	20.9	0.97	70.49
84.0-85.0	2.6	0.3	21.2	0.96	71.45
85.0-86.0	2.6	0.3	21.5	0.95	72.40
86.0-87.0	2.5	0.3	21.8	0.94	73.34
87.0-88.0	2.5	0.3	22.1	0.92	74.25
88.0-89.0	2.5	0.3	22.3	0.91	75.16
89.0-90.0	2.4	0.3	22.6	0.90	76.06
90.0-91.0	2.4	0.3	22.8	0.88	76.94
91.0-92.0	2.4	0.3	23.1	0.87	77.81
92.0-93.0	2.3	0.3	23.4	0.86	78.67
93.0-94.0	2.3	0.3	23.6	0.85	79.52
94.0-95.0	2.3	0.2	23.9	0.84	80.35
95.0-96.0	2.2	0.2	24.1	0.82	81.18
96.0-97.0	2.2	0.2	24.3	0.81	81.99
97.0-98.0	2.2	0.2	24.6	0.80	82.79
98.0-99.0	2.1	0.2	24.8	0.78	83.57
99.0-100.0	2.1	0.2	25.0	0.76	84.33
100.0-101.0	2.0	0.2	25.3	0.74	85.07
101.0-102.0	2.0	0.2	25.5	0.73	85.79
102.0-103.0	2.0	0.2	25.7	0.71	86.51
103.0-104.0	1.9	0.2	25.9	0.70	87.20
104.0-105.0	1.9	0.2	26.1	0.68	87.89
105.0-106.0	1.9	0.2	26.3	0.66	88.55
106.0-107.0	1.8	0.2	26.5	0.64	89.19
107.0-108.0	1.8	0.2	26.7	0.62	89.81

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	1.7	0.2	26.8	0.60	90.41
109.0-110.0	1.6	0.2	27.0	0.57	90.98
110.0-111.0	1.6	0.2	27.2	0.55	91.53
111.0-112.0	1.5	0.2	27.3	0.53	92.06
112.0-113.0	1.5	0.2	27.5	0.51	92.57
113.0-114.0	1.4	0.1	27.6	0.49	93.06
114.0-115.0	1.4	0.1	27.8	0.46	93.52
115.0-116.0	1.3	0.1	27.9	0.44	93.96
116.0-117.0	1.3	0.1	28.0	0.42	94.38
117.0-118.0	1.2	0.1	28.1	0.40	94.78
118.0-119.0	1.2	0.1	28.3	0.38	95.15
119.0-120.0	1.1	0.1	28.4	0.36	95.51
120.0-121.0	1.1	0.1	28.5	0.34	95.85
121.0-122.0	1.0	0.1	28.6	0.31	96.16
122.0-123.0	0.9	0.1	28.6	0.29	96.45
123.0-124.0	0.9	0.1	28.7	0.27	96.72
124.0-125.0	0.8	0.1	28.8	0.25	96.98
125.0-126.0	0.8	0.1	28.9	0.23	97.21
126.0-127.0	0.7	0.1	28.9	0.22	97.43
127.0-128.0	0.7	0.1	29.0	0.20	97.63
128.0-129.0	0.6	0.1	29.0	0.19	97.82
129.0-130.0	0.6	0.1	29.1	0.18	97.99
130.0-131.0	0.6	0.0	29.1	0.16	98.15
131.0-132.0	0.5	0.0	29.2	0.15	98.30
132.0-133.0	0.5	0.0	29.2	0.14	98.44
133.0-134.0	0.5	0.0	29.3	0.12	98.56
134.0-135.0	0.4	0.0	29.3	0.11	98.68
135.0-136.0	0.4	0.0	29.3	0.11	98.78
136.0-137.0	0.4	0.0	29.4	0.10	98.88
137.0-138.0	0.3	0.0	29.4	0.09	98.97
138.0-139.0	0.3	0.0	29.4	0.08	99.05
139.0-140.0	0.3	0.0	29.4	0.07	99.12
140.0-141.0	0.3	0.0	29.5	0.06	99.18
141.0-142.0	0.3	0.0	29.5	0.06	99.24
142.0-143.0	0.2	0.0	29.5	0.05	99.29
143.0-144.0	0.2	0.0	29.5	0.05	99.34

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	0.2	0.0	29.5	0.04	99.38
145.0-146.0	0.2	0.0	29.5	0.04	99.43
146.0-147.0	0.2	0.0	29.5	0.04	99.47
147.0-148.0	0.2	0.0	29.6	0.04	99.50
148.0-149.0	0.2	0.0	29.6	0.03	99.54
149.0-150.0	0.2	0.0	29.6	0.03	99.57
150.0-151.0	0.2	0.0	29.6	0.03	99.60
151.0-152.0	0.2	0.0	29.6	0.03	99.64
152.0-153.0	0.2	0.0	29.6	0.03	99.67
153.0-154.0	0.2	0.0	29.6	0.03	99.69
154.0-155.0	0.1	0.0	29.6	0.02	99.72
155.0-156.0	0.2	0.0	29.6	0.03	99.74
156.0-157.0	0.2	0.0	29.6	0.03	99.77
157.0-158.0	0.2	0.0	29.6	0.02	99.79
158.0-159.0	0.2	0.0	29.6	0.02	99.82
159.0-160.0	0.2	0.0	29.6	0.02	99.84
160.0-161.0	0.2	0.0	29.7	0.02	99.86
161.0-162.0	0.1	0.0	29.7	0.02	99.87
162.0-163.0	0.1	0.0	29.7	0.02	99.89
163.0-164.0	0.1	0.0	29.7	0.02	99.91
164.0-165.0	0.1	0.0	29.7	0.01	99.92
165.0-166.0	0.1	0.0	29.7	0.01	99.93
166.0-167.0	0.1	0.0	29.7	0.01	99.95
167.0-168.0	0.1	0.0	29.7	0.01	99.96
168.0-169.0	0.1	0.0	29.7	0.01	99.96
169.0-170.0	0.1	0.0	29.7	0.01	99.97
170.0-171.0	0.1	0.0	29.7	0.01	99.98
171.0-172.0	0.1	0.0	29.7	0.01	99.98
172.0-173.0	0.1	0.0	29.7	0.00	99.99
173.0-174.0	0.1	0.0	29.7	0.00	99.99
174.0-175.0	0.1	0.0	29.7	0.00	99.99
175.0-176.0	0.1	0.0	29.7	0.00	100.00
176.0-177.0	0.1	0.0	29.7	0.00	100.00
177.0-178.0	0.1	0.0	29.7	0.00	100.00
178.0-179.0	0.1	0.0	29.7	0.00	100.00
179.0-180.0	0.1	0.0	29.7	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: