



Luminaire Property

Lamp Description: Lumens EDC_38C_4W
 Lumens per Lamp: 342
 Luminous Width (mm):
 Voltage: 229.3 V
 Power: 3.90 W

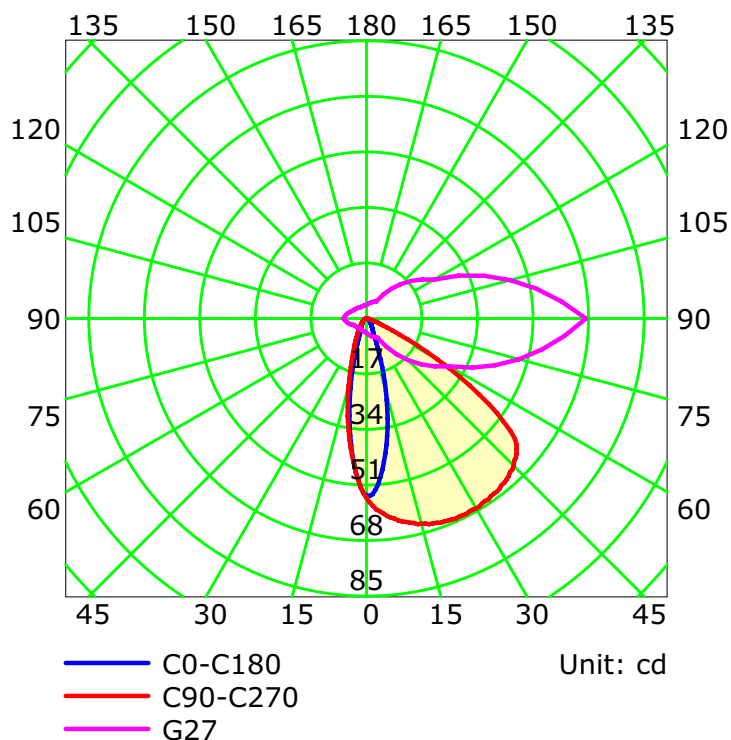
Number of Lamps: 1
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 0.017 A
 Power Factor: 0.964

Photometric Results

CIE Class: Direct
 Measurement Flux: 38.7 lm
 Downward Ratio: 11.32%
 Luminaire Efficacy Rating (LER): 10
 Max. Intensity: 67.2 cd

Total Rated Lamp Lumens: 342.0 lm
 Efficiency: 11.32%
 Upward Ratio: 0.00%
 Central Intensity: 54.12 cd
 Pos of Max. Intensity: H90 V27

Luminous Intensity Distribution Curve

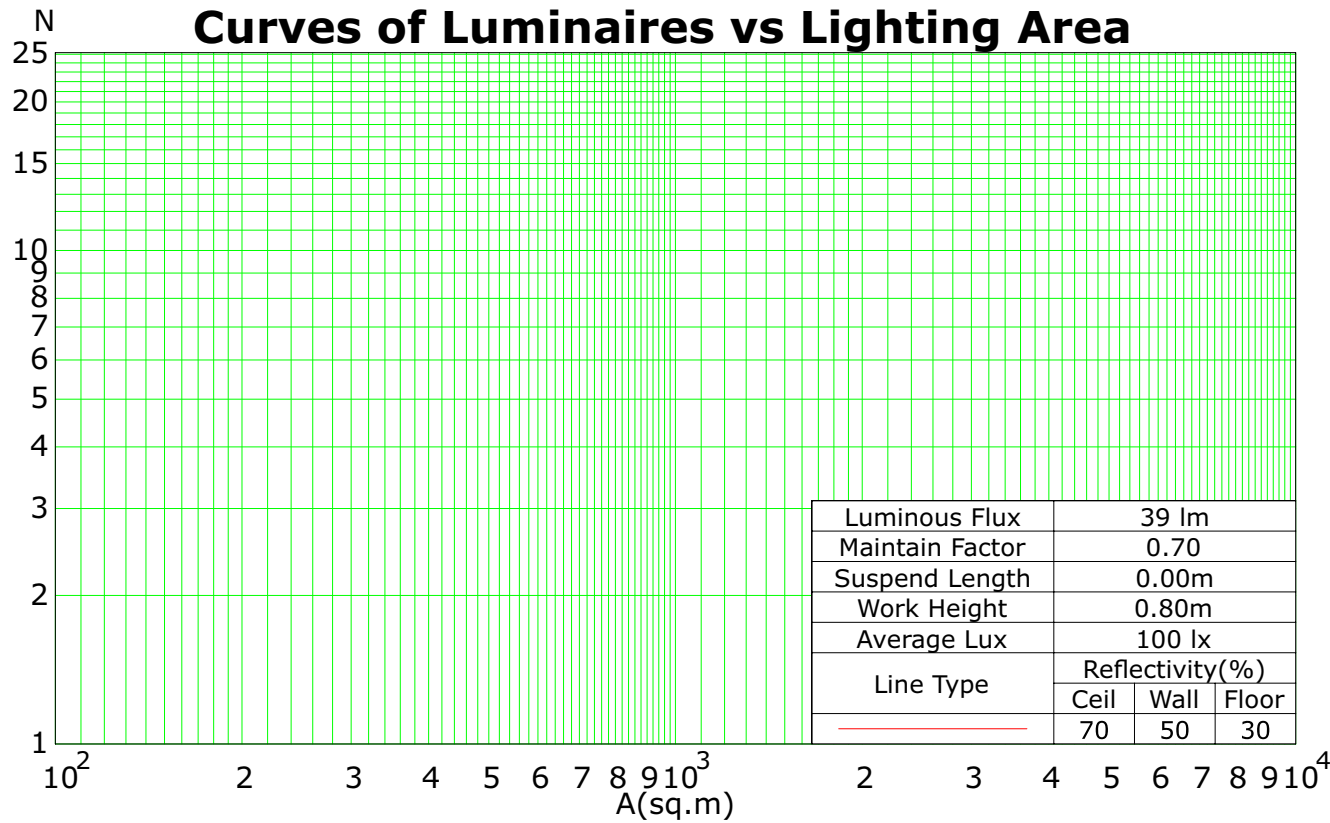




Coefficients Of Utilization - Zonal Cavity Method

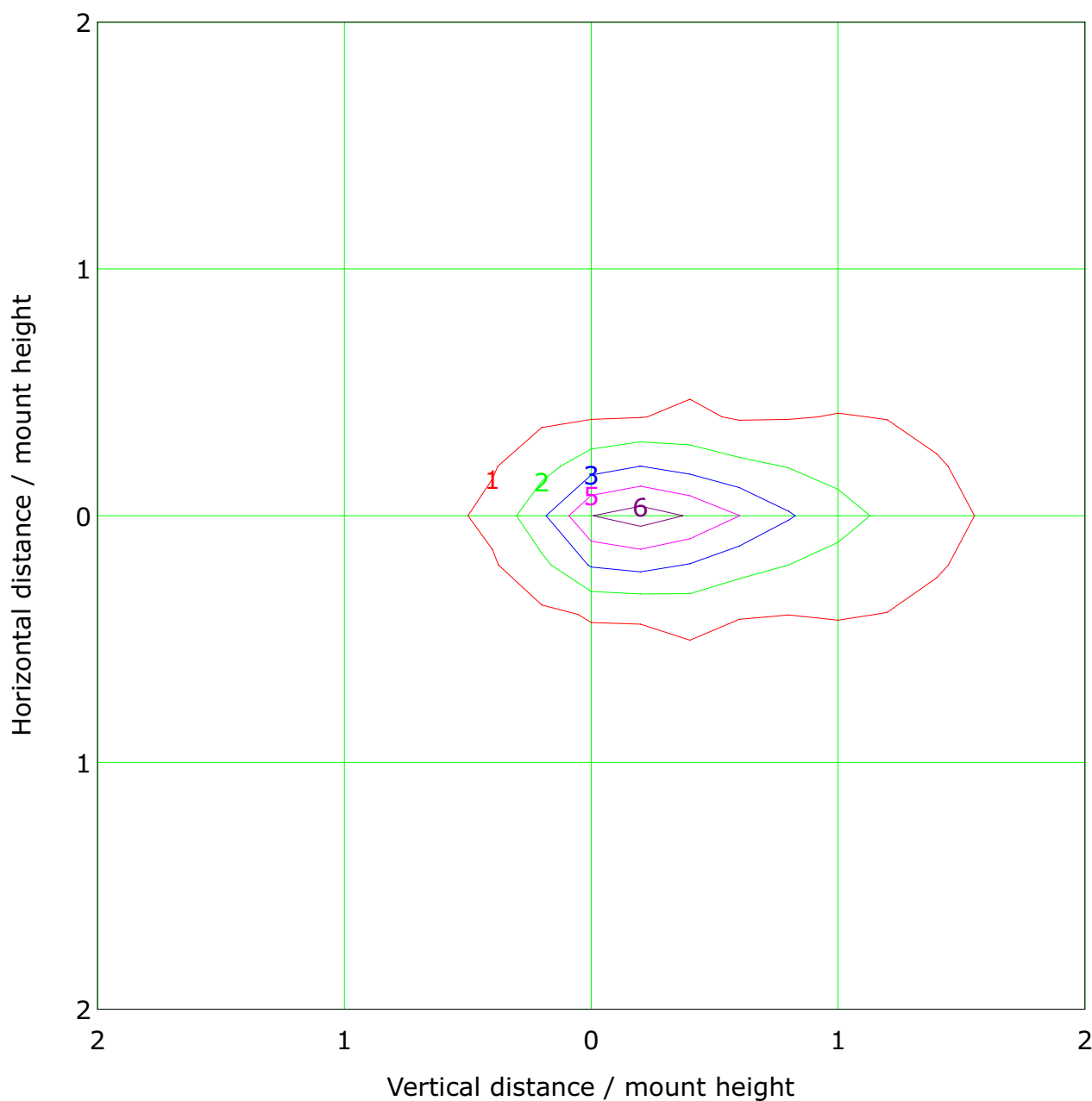
RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	11
1	13	12	12	12	12	12	12	11	12	11	11	11	11	11	11	11	10	10
2	12	11	11	10	12	11	10	10	11	10	10	10	10	10	10	10	9	9
3	11	10	9	9	11	10	9	9	10	9	9	9	9	9	9	9	8	8
4	10	9	9	8	10	9	8	8	9	8	8	8	8	8	8	8	7	
5	10	9	8	7	9	8	8	7	8	8	7	7	7	7	7	7	6	
6	9	8	7	7	9	8	7	6	8	7	6	7	7	6	7	6	6	
7	9	7	7	6	8	7	7	6	7	6	6	7	6	6	6	6	6	
8	8	7	6	6	8	7	6	6	7	6	5	7	6	5	6	5	5	
9	8	6	6	5	8	6	6	5	6	6	5	6	6	5	5	5	5	
10	7	6	5	5	7	6	5	5	6	5	5	6	5	5	5	5	5	

Spacing Criteria (0-180): 0.41
Spacing Criteria (90-270): 0.96
Spacing Criteria (Diagonal): 0.55





IsoLux Plot



Mounting Height: 3m Max Lux(100%): 7 lx

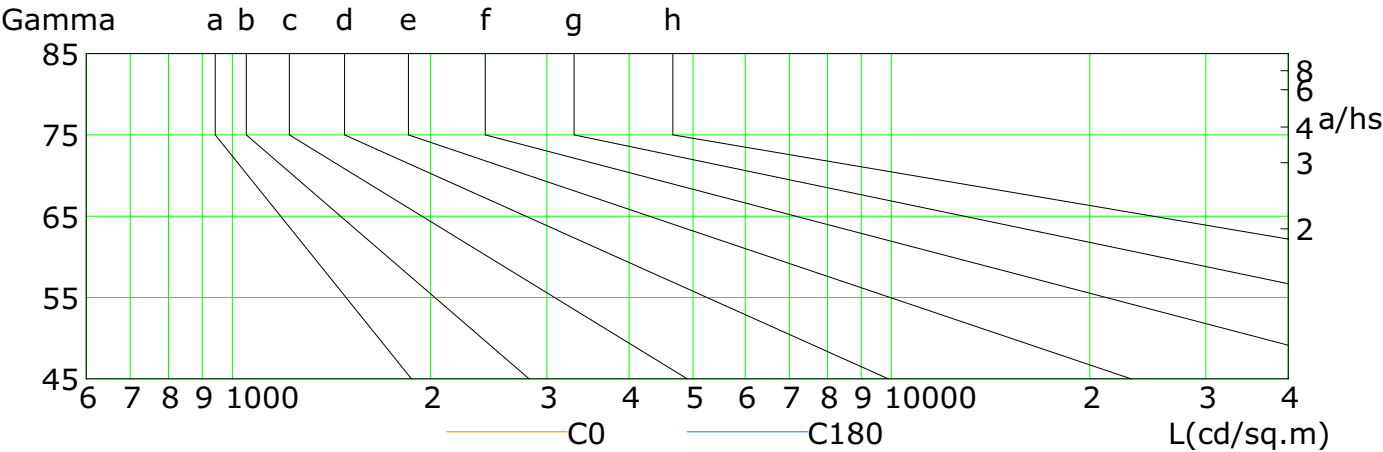
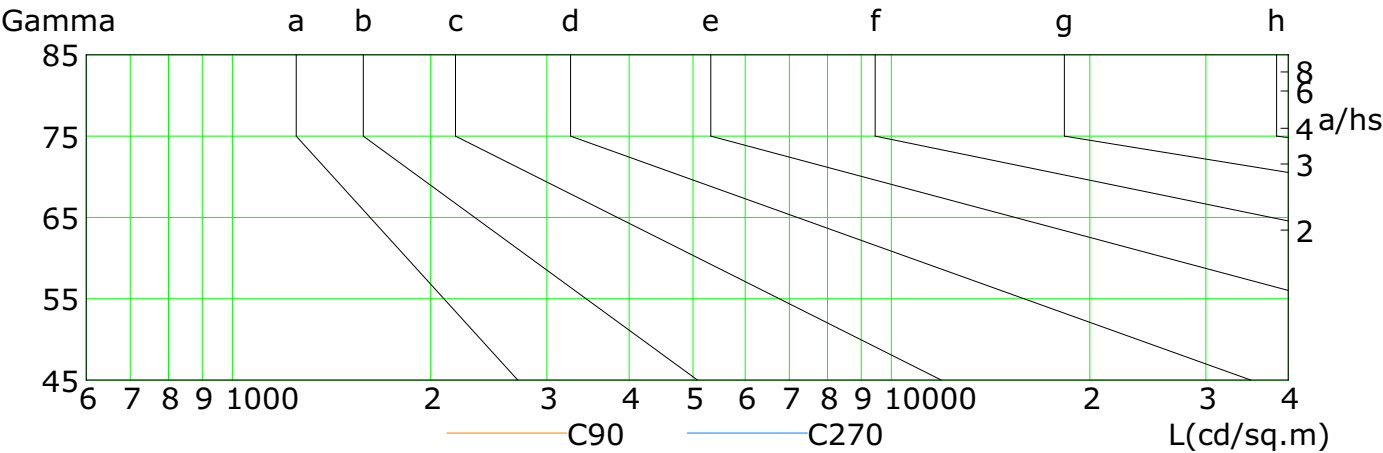
— (10%): 1 lx	— (30%): 2 lx
— (50%): 3 lx	— (70%): 5 lx
— (90%): 6 lx	



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	2	2	1	1	1	0	0	0	0
C90	64	60	46	25	9	4	1	1	0
C180	2	2	1	1	1	1	0	0	0
C270	2	2	1	1	1	1	0	0	0



IDEA

/LALU R (06.53.0210.03)

Illuminance at a Distance

