



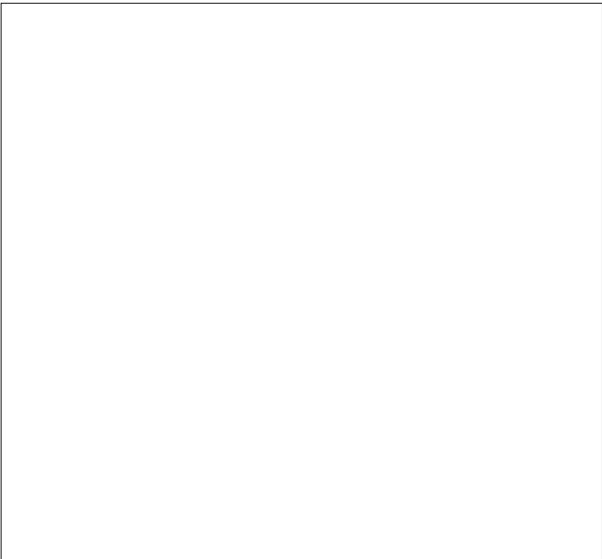
Luminaire Property

Luminaire Category: LED WALL LIGHT	Luminaire Description: EMP ADU SIN MARCO 50°
Luminaire Manufacturer: IDEA ILUMINACIÓN S.A.	Lamp Catalog: LED
Lamp Description: CXB1304	Number of Lamps: 1
Lumens per Lamp: 750	Luminous Length (mm): -38
Luminous Width (mm): -38	Luminous Height (mm):
Voltage: 19.1 V	Current: 0.350 A
Power: 6.70 W	Power Factor: 1.000

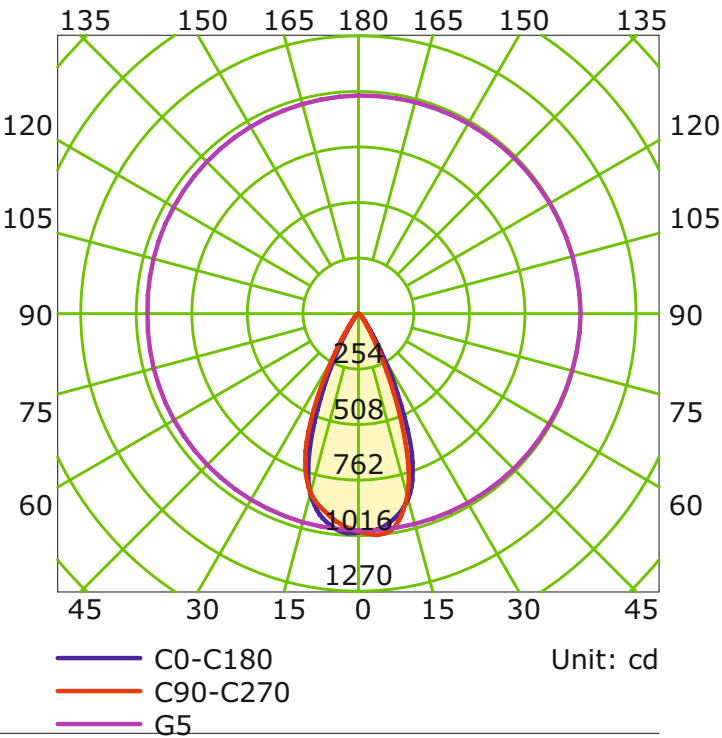
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 750.0 lm
Measurement Flux: 608.8 lm	Efficiency: 81.17%
Downward Ratio: 81.17%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 91	Central Intensity: 1000.92 cd
Max. Intensity: 1016.46 cd	Pos of Max. Intensity: H90 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Test Lab: TITANIC	Test Device: GPM-1800
Test Type: TYPE C	Distance: 10.096 m
Temperature: 24.3	Humidity: 58

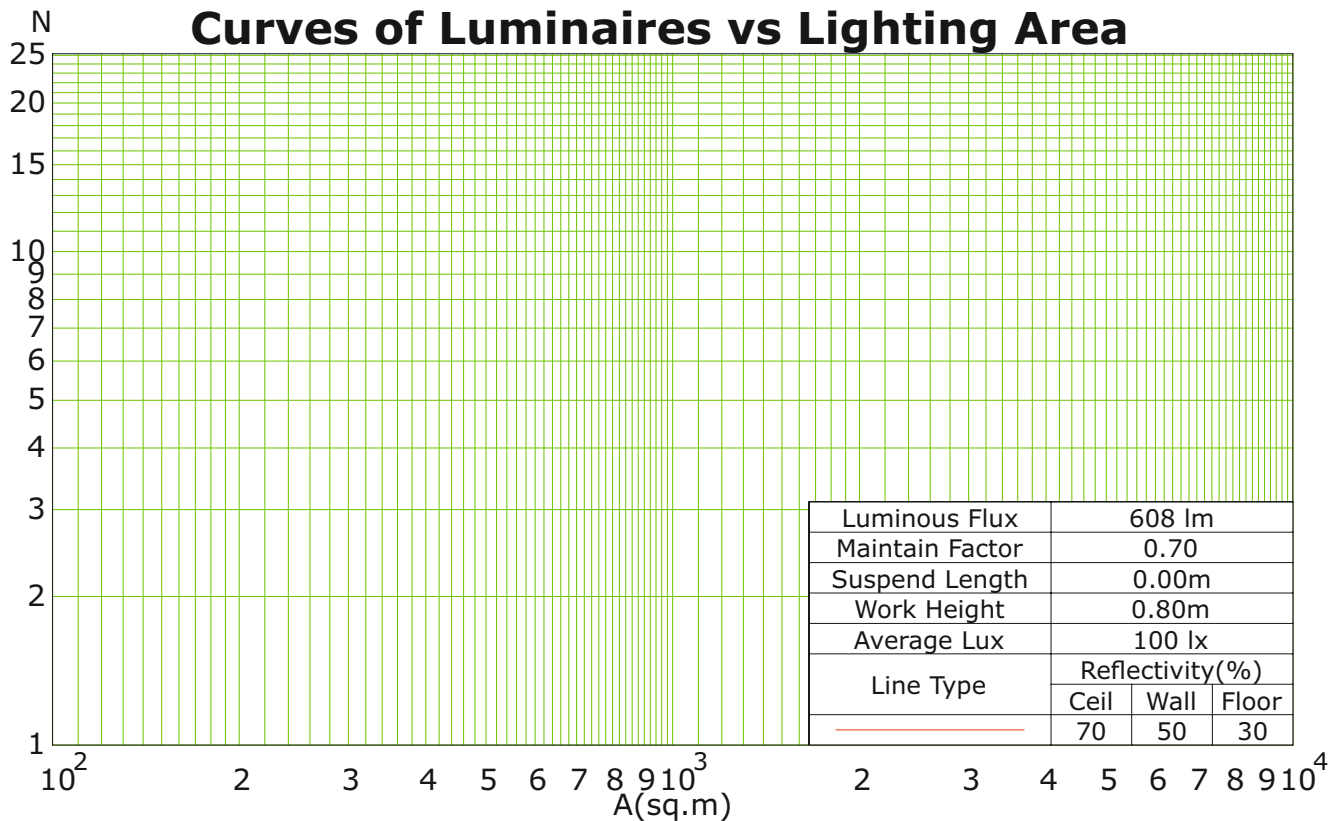


/EMP ADU SIN MARCO 50° (06.AA66.3030.__)

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	97	97	97	97	94	94	94	94	90	90	90	86	86	86	83	83	83	81
1	93	90	89	87	91	89	87	86	85	84	83	82	81	81	80	79	78	77
2	89	85	82	80	87	84	81	79	81	79	77	79	77	75	76	75	74	72
3	85	80	76	74	83	79	76	73	77	74	72	75	73	71	73	71	70	68
4	81	76	72	69	80	75	71	68	73	70	67	71	69	67	70	68	66	65
5	78	72	67	64	76	71	67	64	69	66	63	68	65	63	67	64	62	61
6	74	68	64	61	73	67	63	60	66	63	60	65	62	60	64	61	59	58
7	71	65	60	57	70	64	60	57	63	59	57	62	59	56	61	58	56	55
8	68	62	57	54	67	61	57	54	60	57	54	59	56	54	59	56	53	52
9	66	59	54	52	65	58	54	51	58	54	51	57	54	51	56	53	51	50
10	63	56	52	49	62	56	52	49	55	51	49	55	51	49	54	51	49	48

Spacing Criteria (0-180): 0.78
 Spacing Criteria (90-270): 0.77
 Spacing Criteria (Diagonal): 0.70

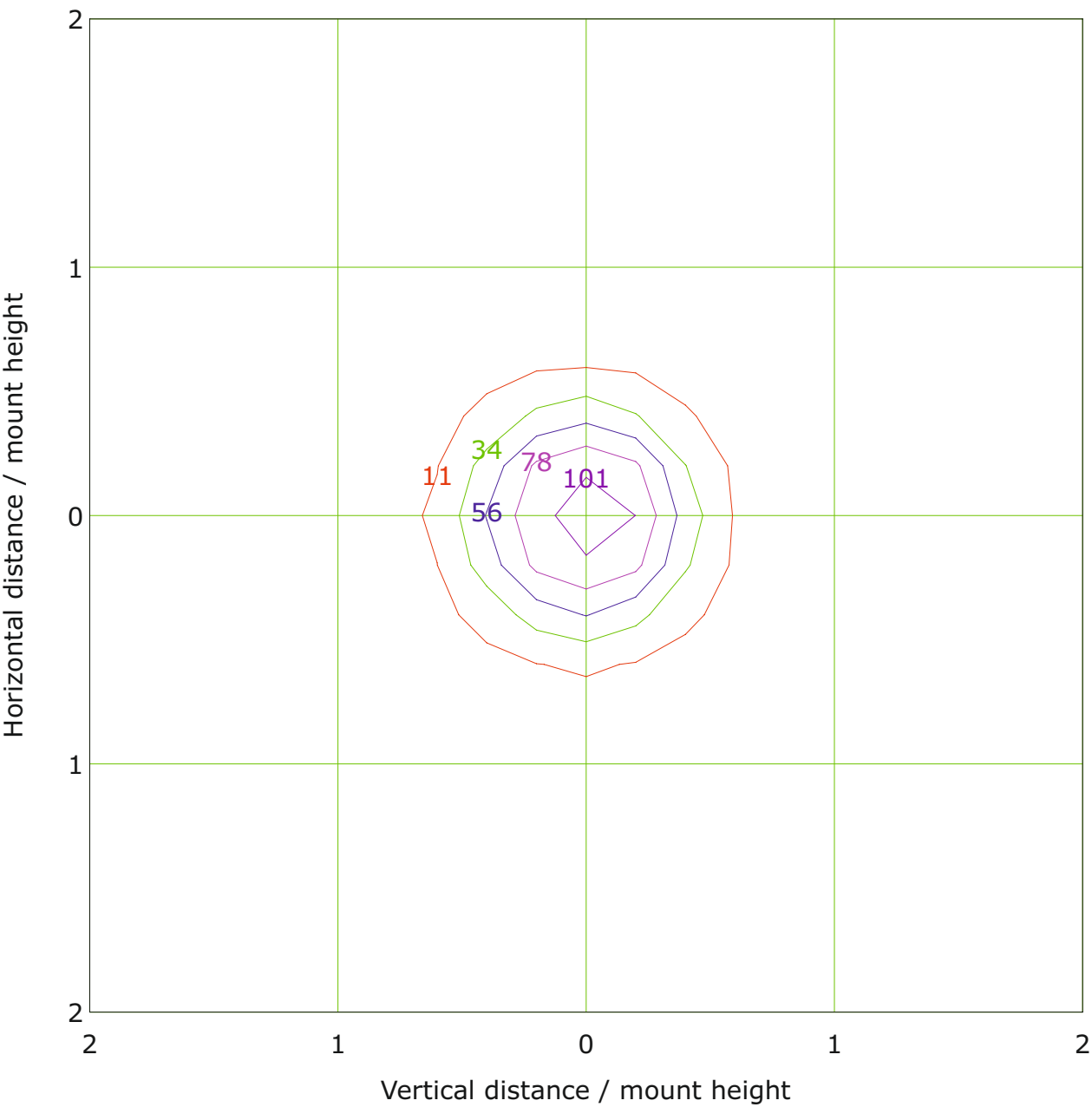


Test Lab: TITANIC
 Test Type: TYPE C
 Temperature: 24.3

Test Device: GPM-1800
 Distance: 10.096 m
 Humidity: 58



IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 112 lx	
(10%):	11 lx	(30%):	34 lx
(50%):	56 lx	(70%):	78 lx
(90%):	101 lx		

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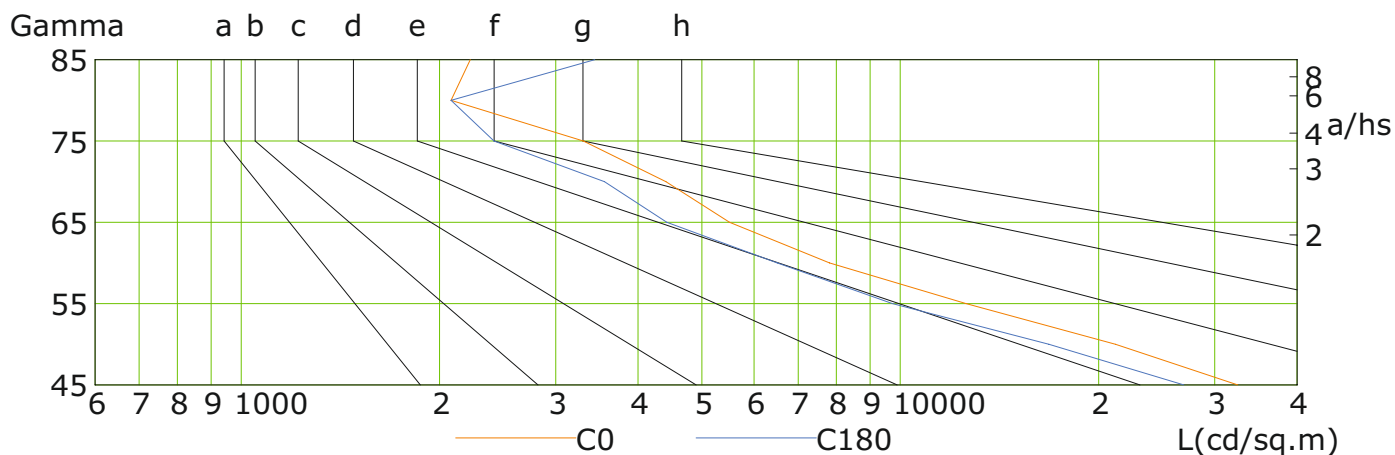
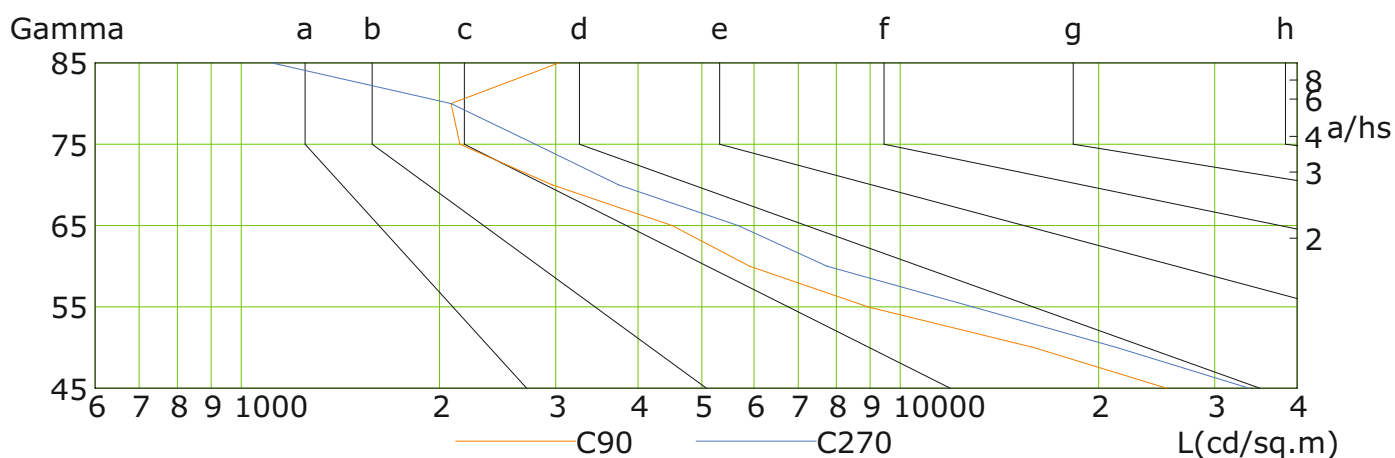
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Lum Limit Curve

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	32509	21207	12590	7812	5508	4408	3305	2082	2226
C90	25351	15940	8932	5908	4507	2965	2146	2082	3035
C180	26935	16804	9731	6507	4423	3558	2419	2082	3440
C270	33806	21303	12882	7742	5675	3738	2794	2082	1113

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Illuminance at a Distance

