



IDEA

/EMP ADU C 50° (06.AA66.2030.__)

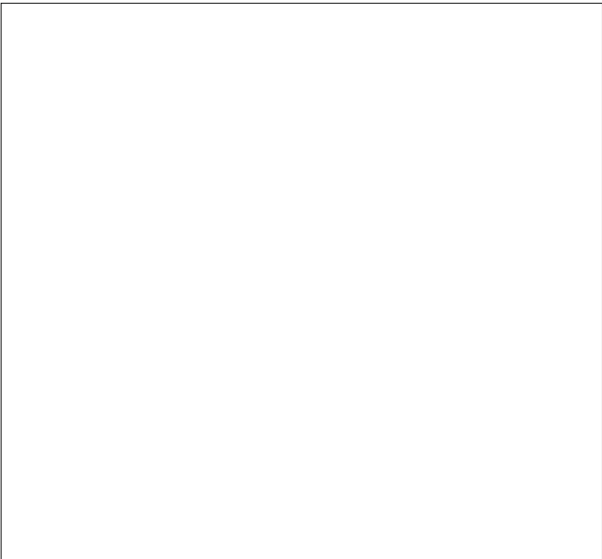
Luminaire Property

Luminaire Category: LED WALL LIGHT	Luminaire Description: EMP C 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

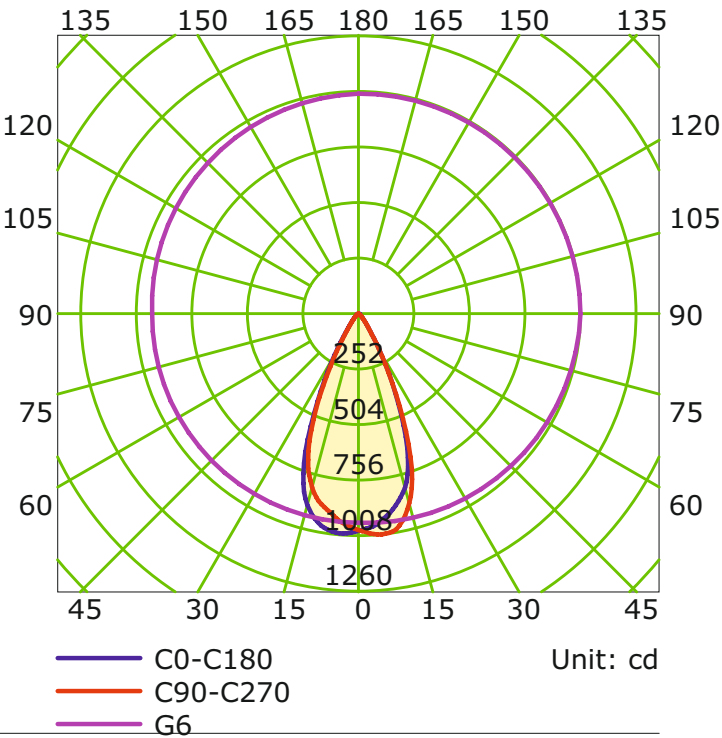
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 750.0 lm
Measurement Flux: 604.3 lm	Efficiency: 80.57%
Downward Ratio: 80.57%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 90	Central Intensity: 986.14 cd
Max. Intensity: 1007.81 cd	Pos of Max. Intensity: H90 V6

Picture Of Luminaire



Luminous Intensity Distribution Curve



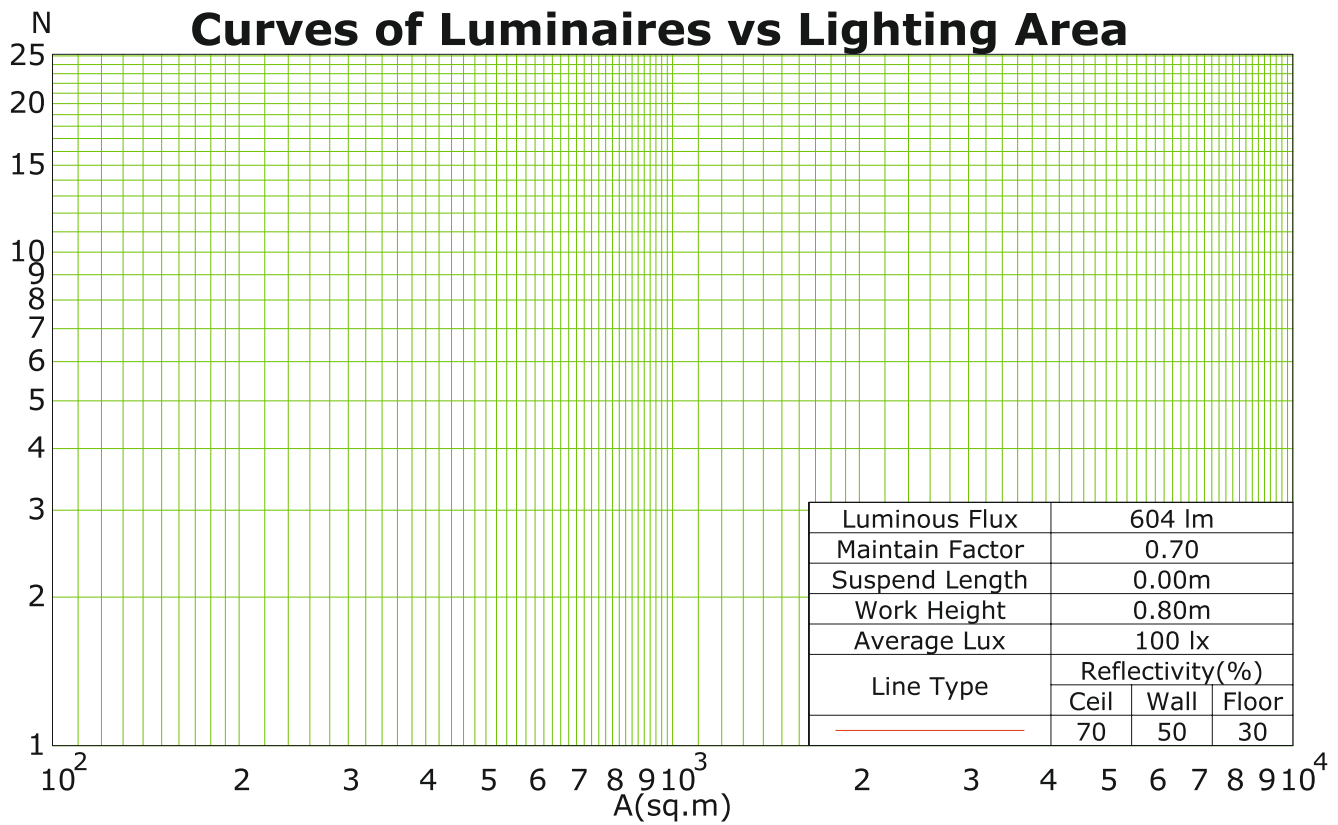
Test Lab: TITANIC	Test Device: GPM-1800
Test Type: TYPE C	Distance: 10.096 m
Temperature: 24.3	Humidity: 58
	Inspector:



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	96	96	96	96	94	94	94	94	90	90	90	86	86	86	82	82	82	81
1	92	90	88	86	90	88	86	85	85	84	82	82	81	80	79	78	78	76
2	88	84	81	79	86	83	80	78	80	78	76	78	76	75	76	74	73	72
3	84	79	76	73	83	78	75	72	76	74	71	74	72	70	73	71	69	68
4	80	75	71	68	79	74	70	68	72	69	67	71	68	66	69	67	65	64
5	77	71	67	64	76	70	66	63	69	66	63	68	65	62	66	64	62	61
6	74	67	63	60	73	67	63	60	66	62	59	65	61	59	64	61	59	58
7	71	64	60	57	70	64	60	57	63	59	56	62	58	56	61	58	56	55
8	68	61	57	54	67	61	57	54	60	56	54	59	56	53	58	55	53	52
9	65	58	54	51	64	58	54	51	57	54	51	57	53	51	56	53	51	50
10	63	56	52	49	62	55	51	49	55	51	49	54	51	48	54	51	48	47

Spacing Criteria (0-180): 0.79
Spacing Criteria (90-270): 0.78
Spacing Criteria (Diagonal): 0.70



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

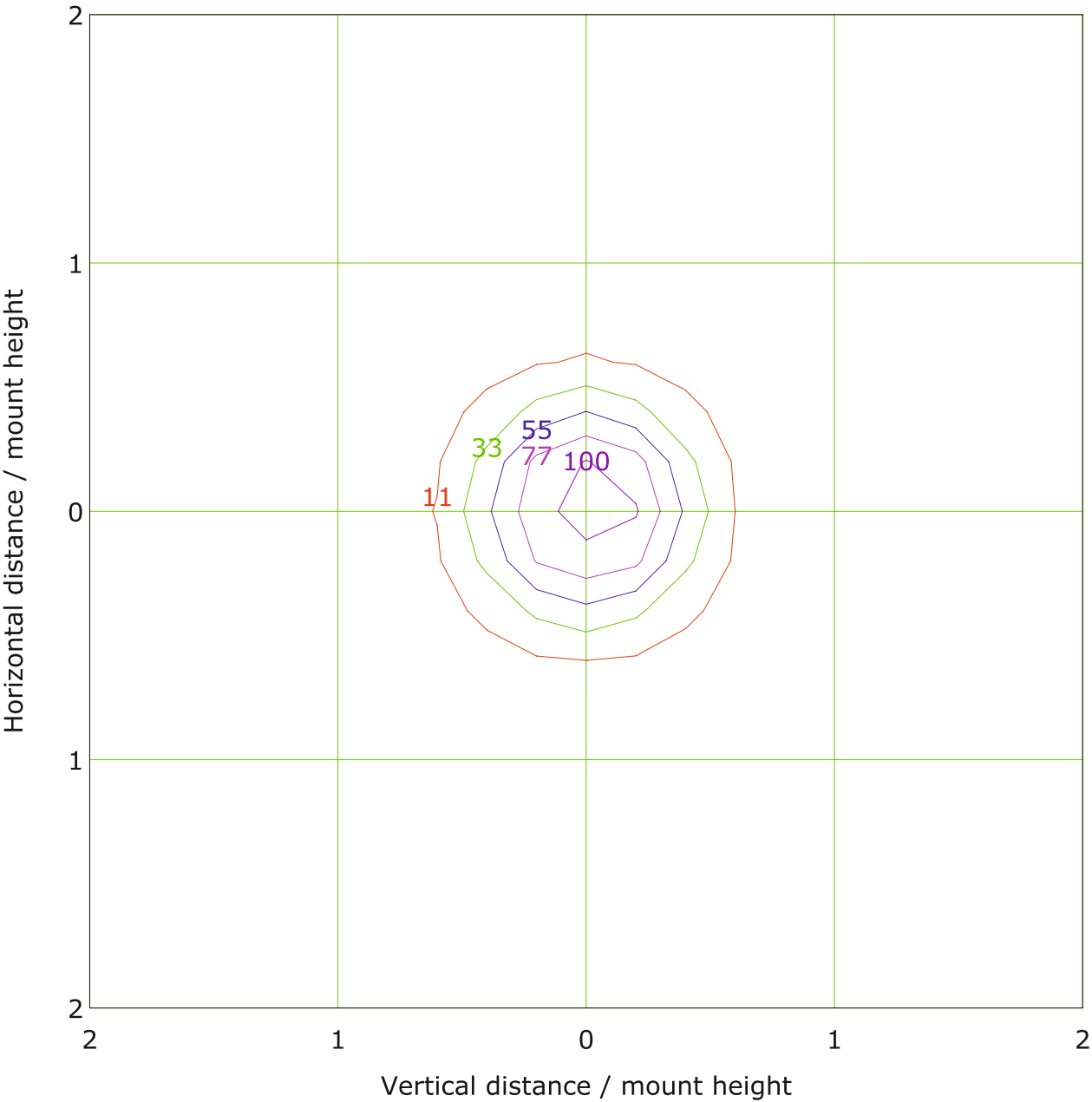
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IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 111 lx	
(10%):	11 lx	(30%):	33 lx
(50%):	55 lx	(70%):	77 lx
(90%):	100 lx		

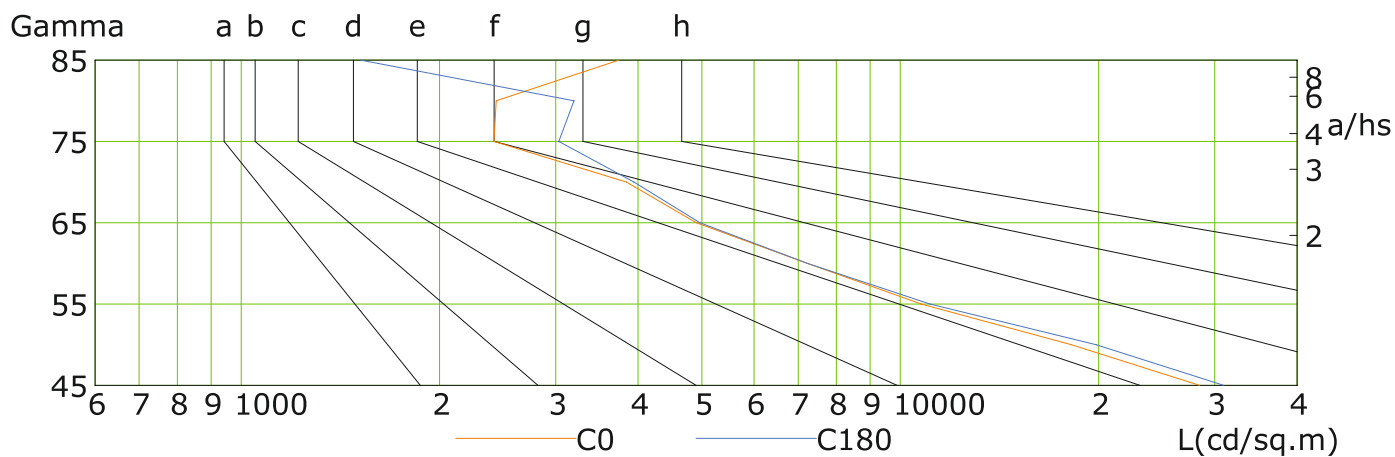
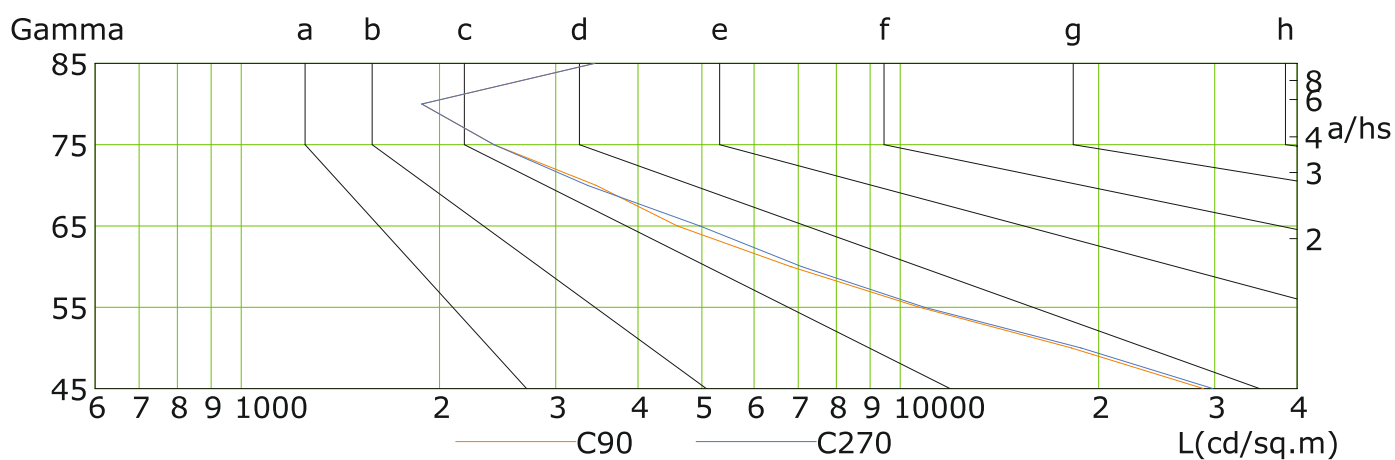
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Test Device: GPM-1800
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Lum Limit Curve

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	28468	18189	10761	7230	4903	3841	2419	2437	3743
C90	28843	18189	10699	6825	4590	3455	2419	1879	3440
C180	30975	19822	11099	7230	4966	3944	3032	3199	1518
C270	29815	18807	10884	7089	4966	3351	2419	1879	3440

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Test Type: TYPE C
Temperature: 24.3

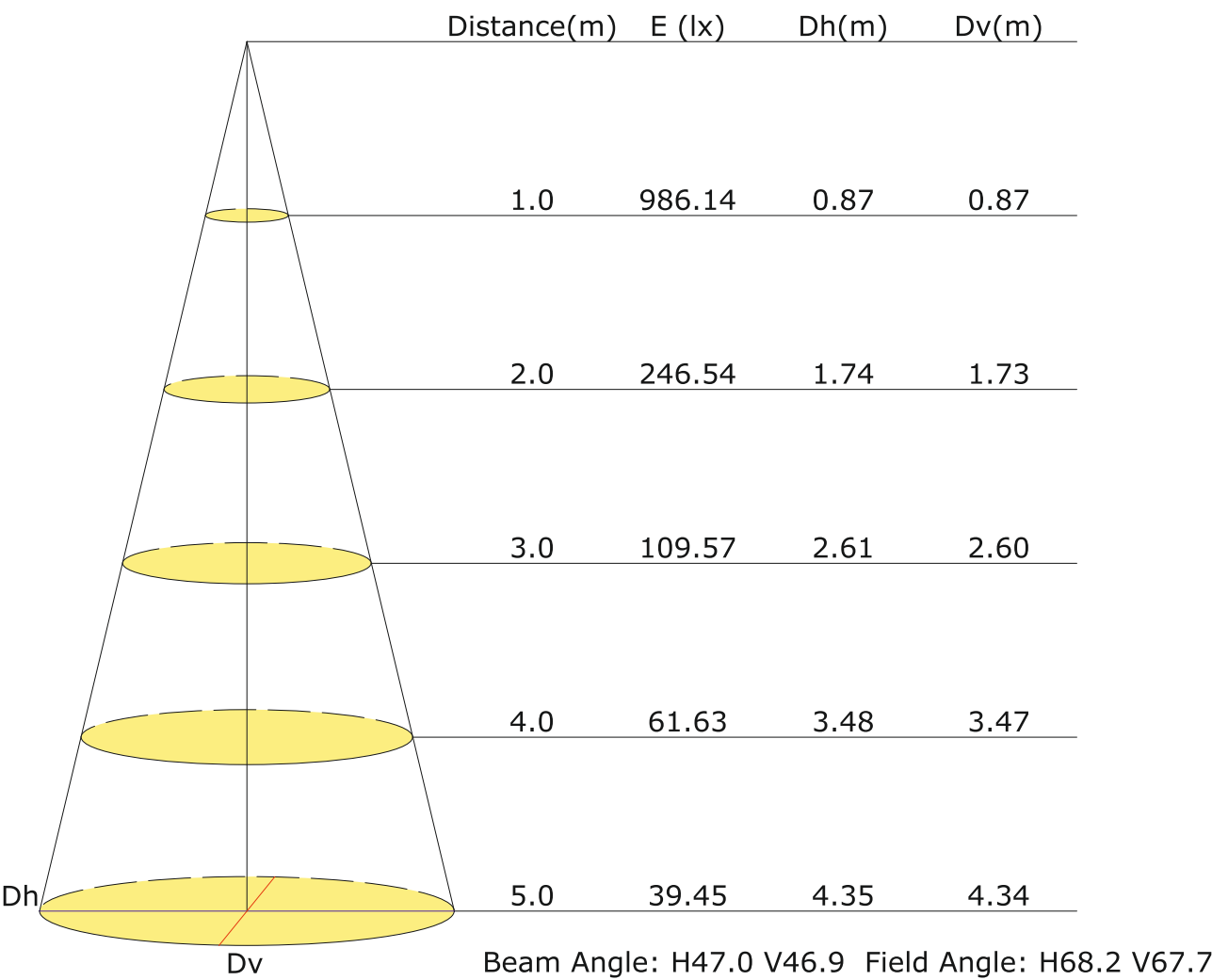
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Illuminance at a Distance



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Temperature: 24.3

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