



IDEA

/URO (17.AA37.0125.09)

Luminaire Property

Luminaire Category: LED Outdoor lamp	Luminaire Description: URO-17.AA37.0125.09
Luminaire Manufacturer: IDEA ILUMINACIÓN	Lamp Catalog: LED
Lamp Description: CXA1512-3000K-M4	Number of Lamps: 1
Lumens per Lamp: 1084	Luminous Length (mm): -46
Luminous Width (mm): -46	Luminous Height (mm): 42
Voltage: 35.9 V	Current: 0.252 A
Power: 9.00 W	Power Factor: 1.000

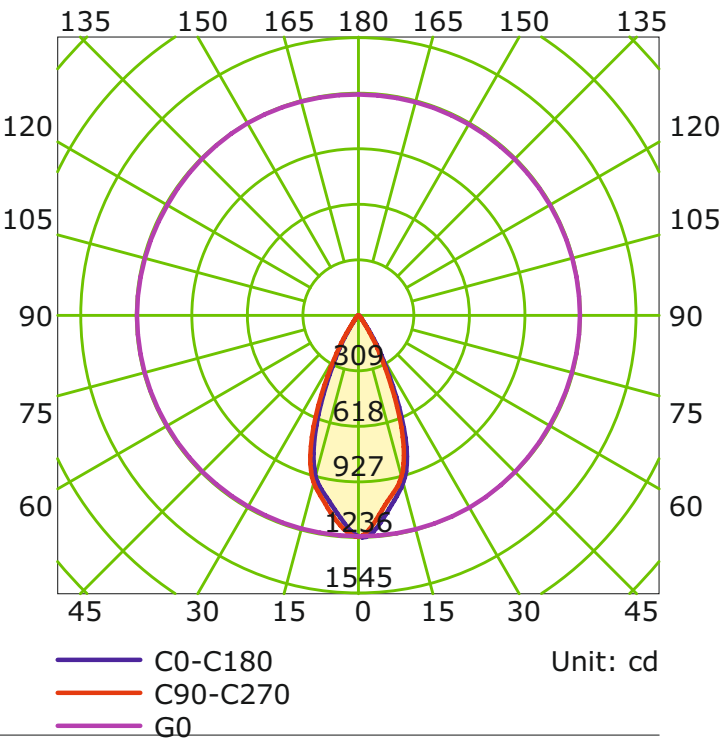
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1084.0 lm
Measurement Flux: 659 lm	Efficiency: 60.79%
Downward Ratio: 60.79%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 73	Central Intensity: 1229.18 cd
Max. Intensity: 1235.84 cd	Pos of Max. Intensity: H30 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



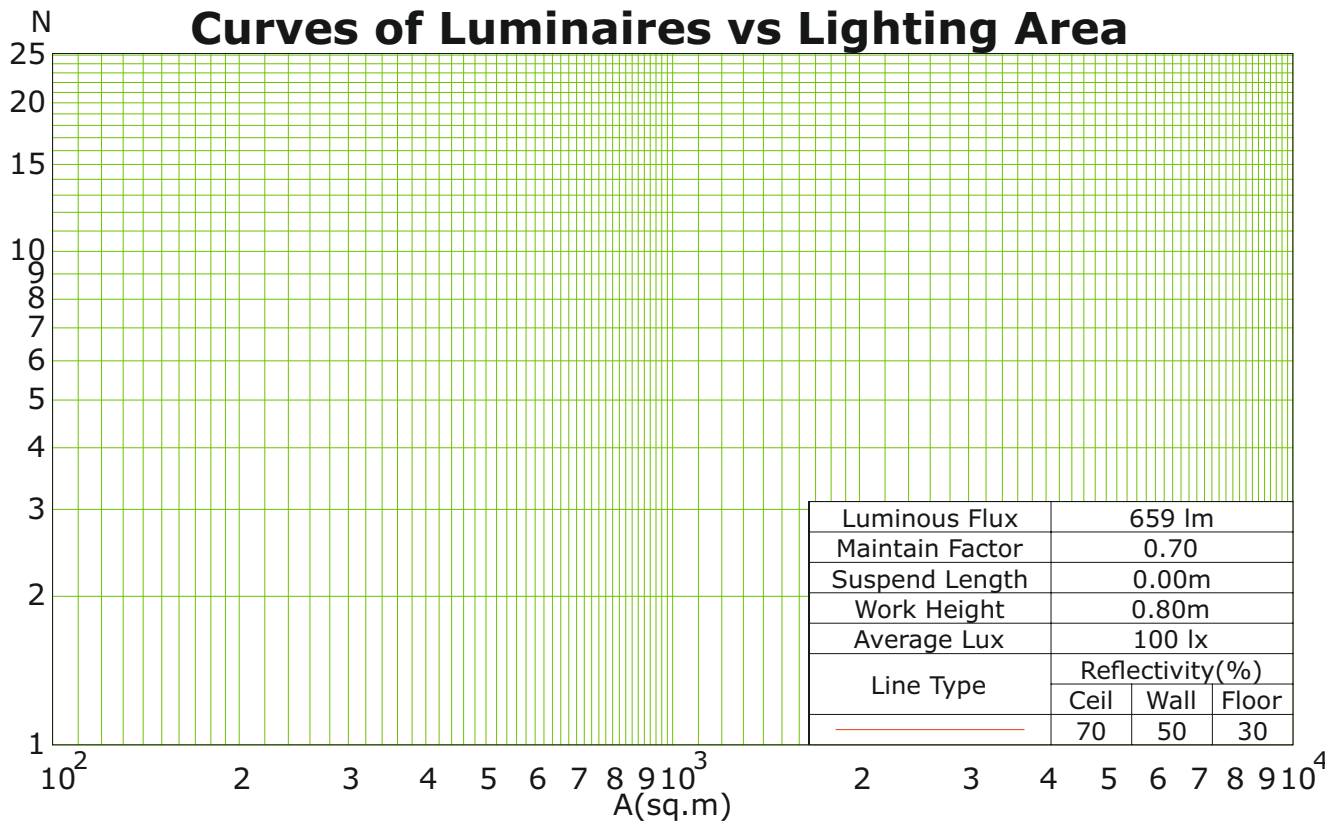
Test Lab:	Test Device: GPM-1800
Test Type: TYPE C	Distance: 10.096 m
Temperature: 26	Humidity: 55
Operator:	Inspector:



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	72	72	72	72	71	71	71	71	68	68	68	65	65	65	62	62	62	61
1	69	68	67	65	68	67	65	64	64	63	62	62	61	60	60	59	59	58
2	66	64	62	60	65	63	61	59	61	59	58	59	58	57	57	56	56	55
3	64	60	58	56	63	59	57	55	58	56	54	56	55	53	55	54	53	52
4	61	57	54	52	60	56	54	52	55	53	51	54	52	50	53	51	50	49
5	59	54	51	49	58	54	51	49	53	50	48	52	49	48	51	49	47	46
6	56	51	48	46	55	51	48	46	50	47	46	49	47	45	49	47	45	44
7	54	49	46	44	53	49	46	43	48	45	43	47	45	43	47	44	43	42
8	52	47	44	41	51	46	43	41	46	43	41	45	43	41	45	42	41	40
9	50	45	41	39	49	44	41	39	44	41	39	43	41	39	43	41	39	38
10	48	43	40	38	47	42	40	38	42	39	37	42	39	37	41	39	37	37

Spacing Criteria (0-180): 0.73
Spacing Criteria (90-270): 0.73
Spacing Criteria (Diagonal): 0.68



Test Lab:
Test Type: TYPE C
Temperature: 26
Operator:

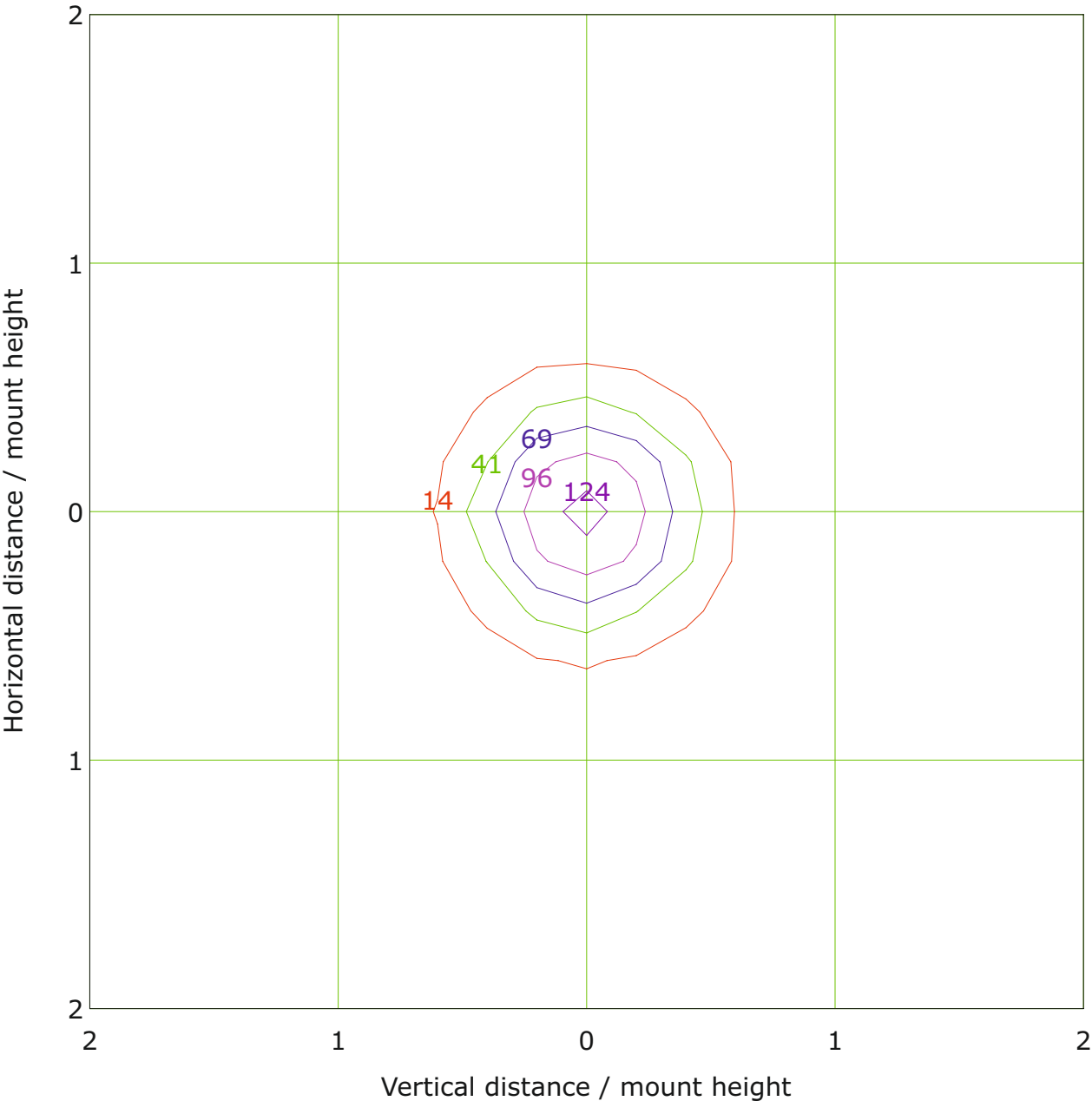
Test Device: GPM-1800
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IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 137 lx	
(10%):	14 lx	(30%):	41 lx
(50%):	69 lx	(70%):	96 lx
(90%):	124 lx		

Test Lab:
Test Type: TYPE C
Temperature: 26
Operator:

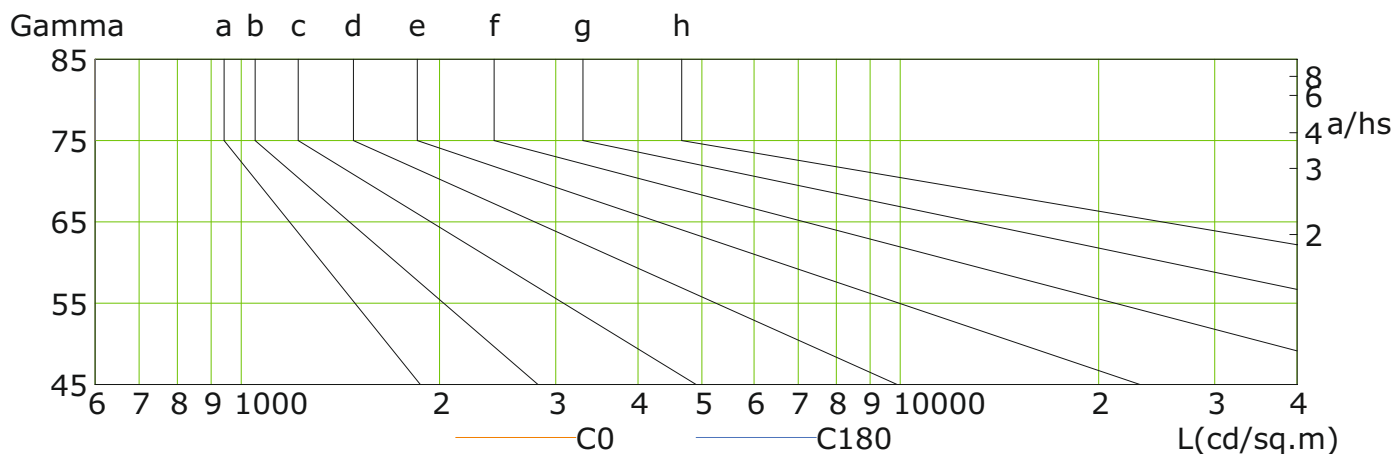
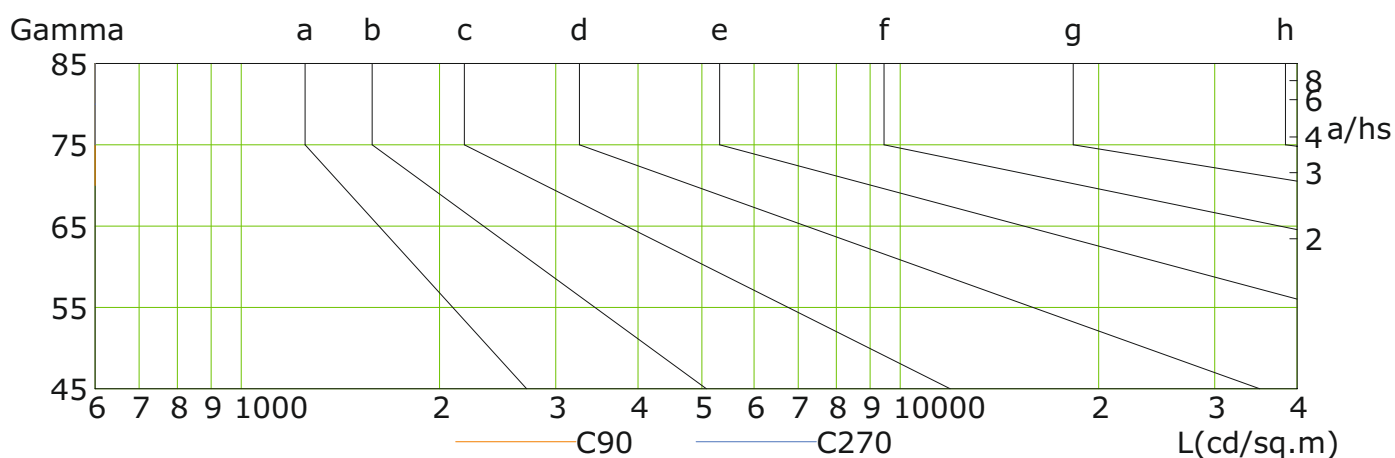
Test Device: GPM-1800
Distance: 10.096 m
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Inspector:



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	21	11	6	4	2	0	0	0	0
C90	17	9	4	3	1	0	0	0	0
C180	17	9	5	3	2	0	0	0	0
C270	19	11	5	4	2	0	0	0	0

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Illuminance at a Distance

