



Luminaire Property

Luminaire Category: LED Outdoor lamp	Luminaire Description: URO-17.AA37.0124.09
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

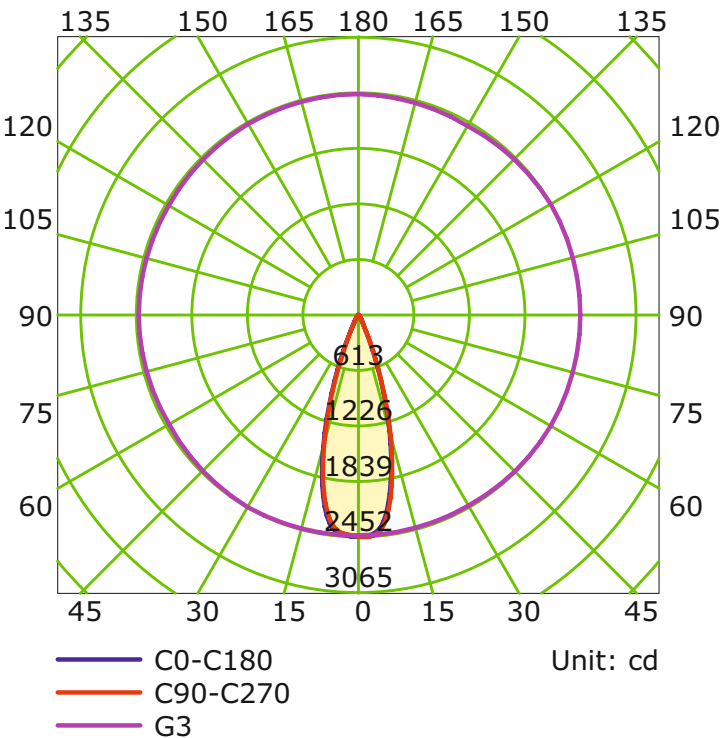
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1084.0 lm
Measurement Flux: 770.9 lm	Efficiency: 71.12%
Downward Ratio: 71.12%	Upward Ratio: 0.00%
Luminaire Efficacy Rating (LER): 86	Central Intensity: 2446.74 cd
Max. Intensity: 2451.5 cd	Pos of Max. Intensity: H60 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



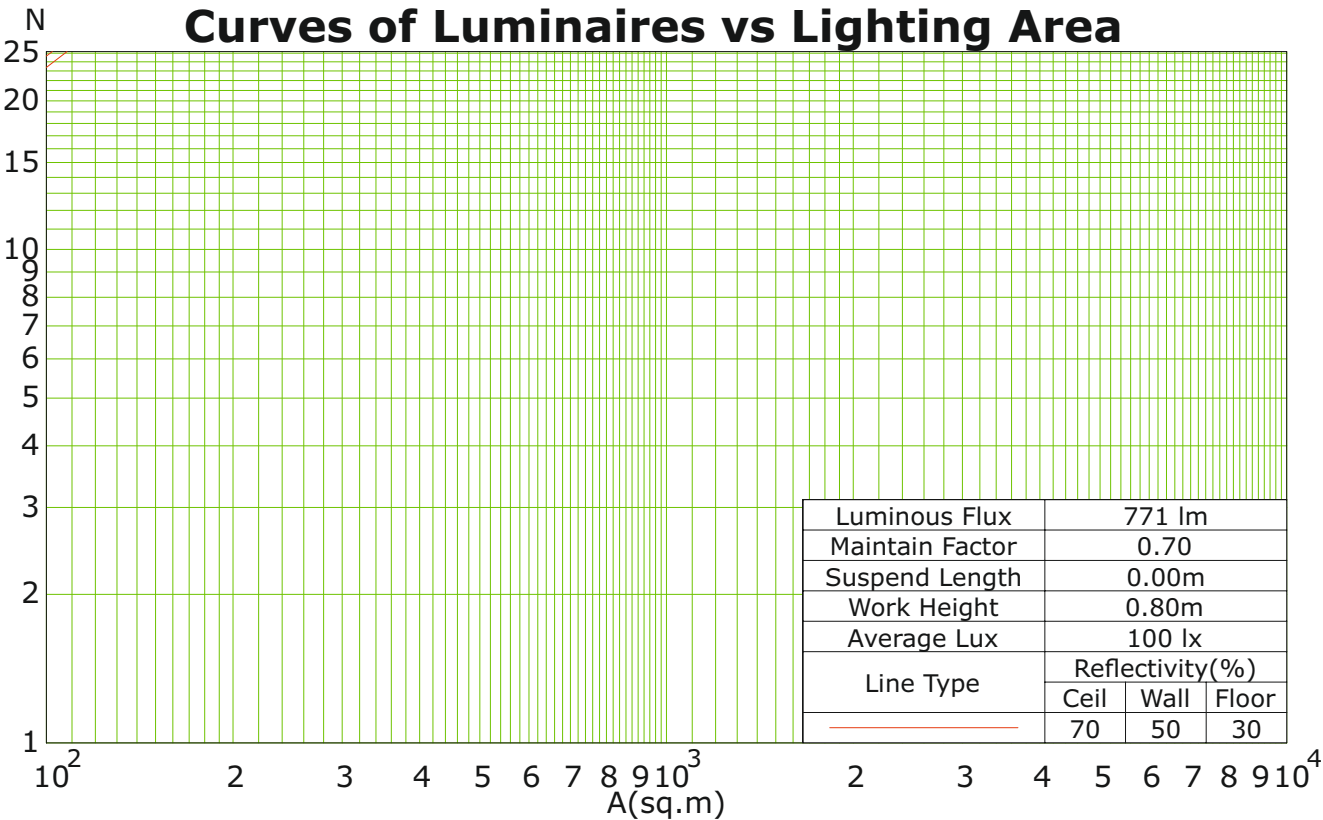
Test Lab:	Test Device: GPM-1800
Test Type: TYPE C	Distance: 10.096 m
Temperature: 26	Humidity: 55
Operator:	Inspector:



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	85	85	85	85	83	83	83	83	79	79	79	76	76	76	73	73	73	71
1	82	80	79	77	80	79	77	76	76	75	74	73	72	72	71	70	70	68
2	79	76	74	72	77	75	73	71	73	71	70	71	69	68	69	68	67	66
3	76	73	70	68	75	72	69	67	70	68	66	68	67	65	67	65	64	63
4	74	70	67	64	72	69	66	64	67	65	63	66	64	63	65	63	62	61
5	71	67	64	61	70	66	63	61	65	63	61	64	62	60	63	61	60	59
6	69	64	61	59	68	64	61	59	63	60	58	62	60	58	61	59	58	57
7	67	62	59	57	66	62	59	56	61	58	56	60	58	56	59	57	56	55
8	65	60	57	55	64	60	57	55	59	56	54	58	56	54	58	55	54	53
9	63	58	55	53	62	58	55	53	57	54	53	57	54	52	56	54	52	52
10	61	56	53	51	61	56	53	51	55	53	51	55	52	51	54	52	51	50

Spacing Criteria (0-180): 0.55
Spacing Criteria (90-270): 0.55
Spacing Criteria (Diagonal): 0.51



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

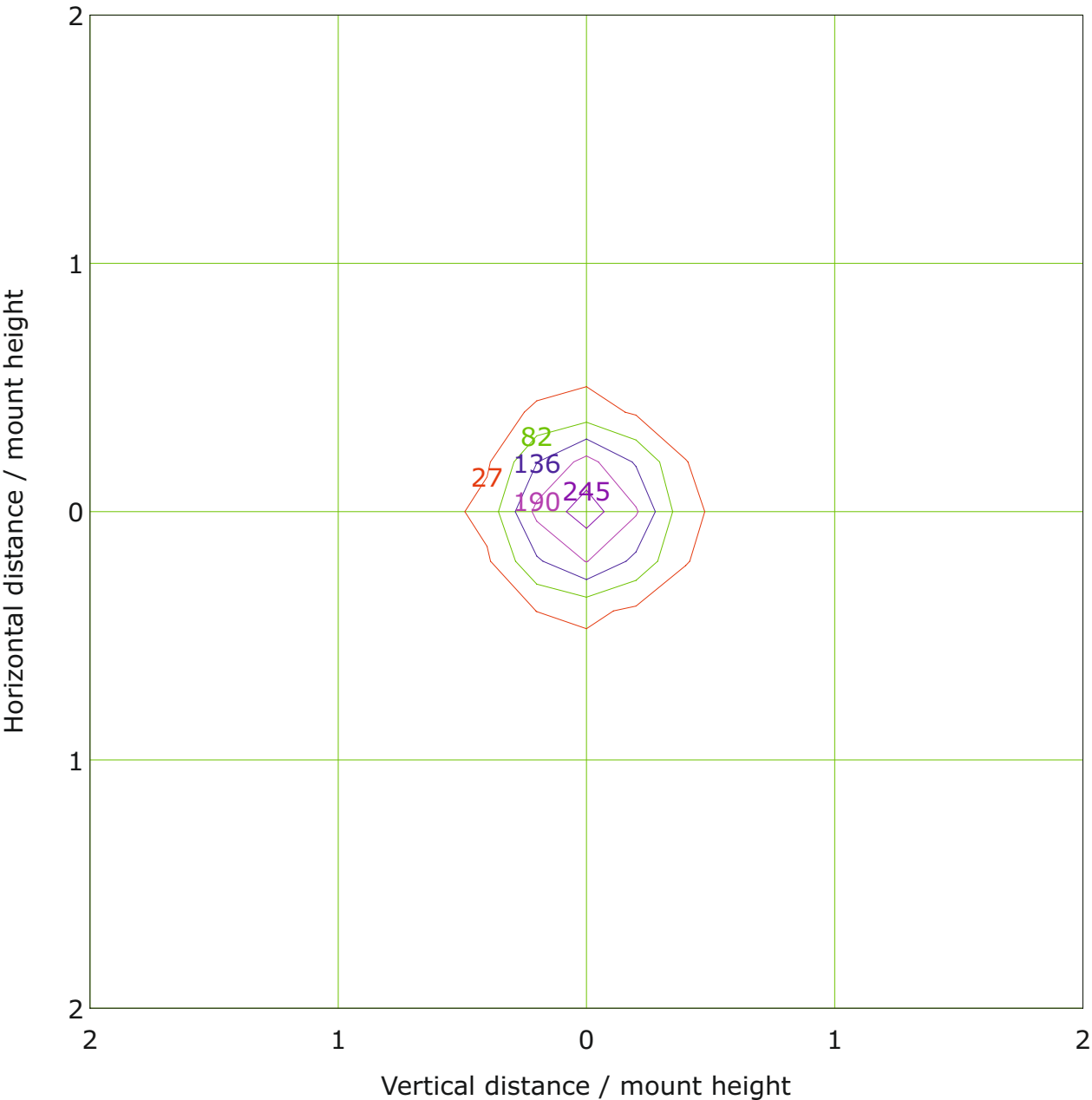
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IDEA

/URO (17.AA37.0124.09)

IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 272 lx	
(10%):	27 lx	(30%):	82 lx
(50%):	136 lx	(70%):	190 lx
(90%):	245 lx		

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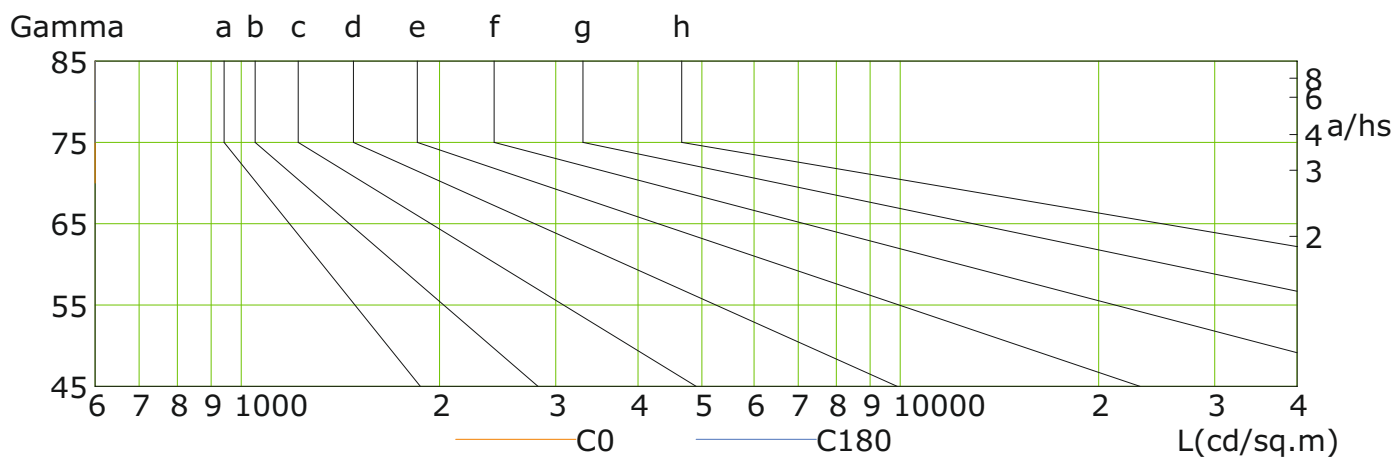
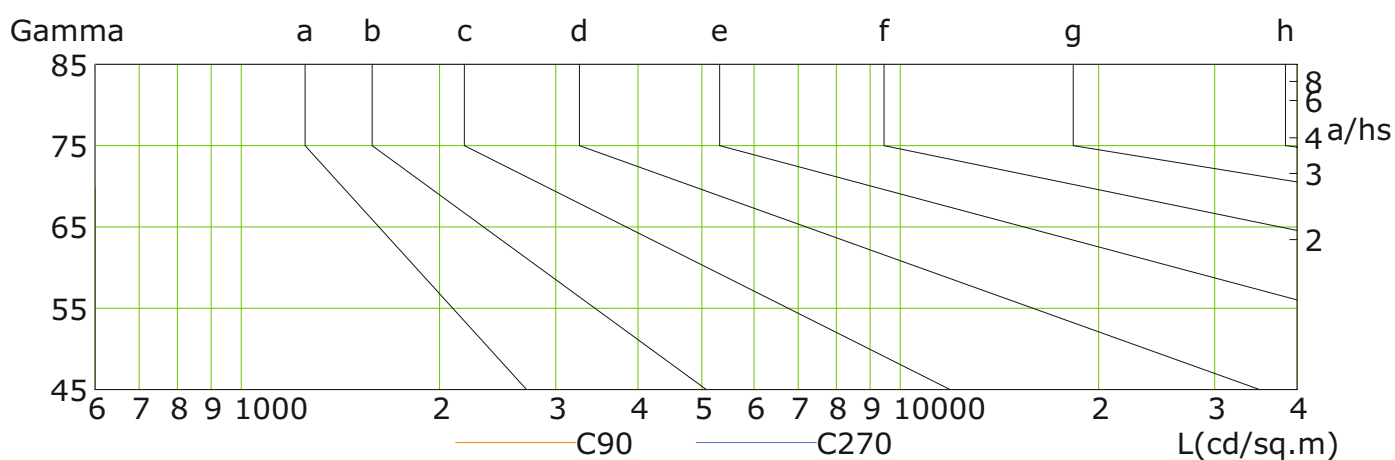
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Lum Limit Curve

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



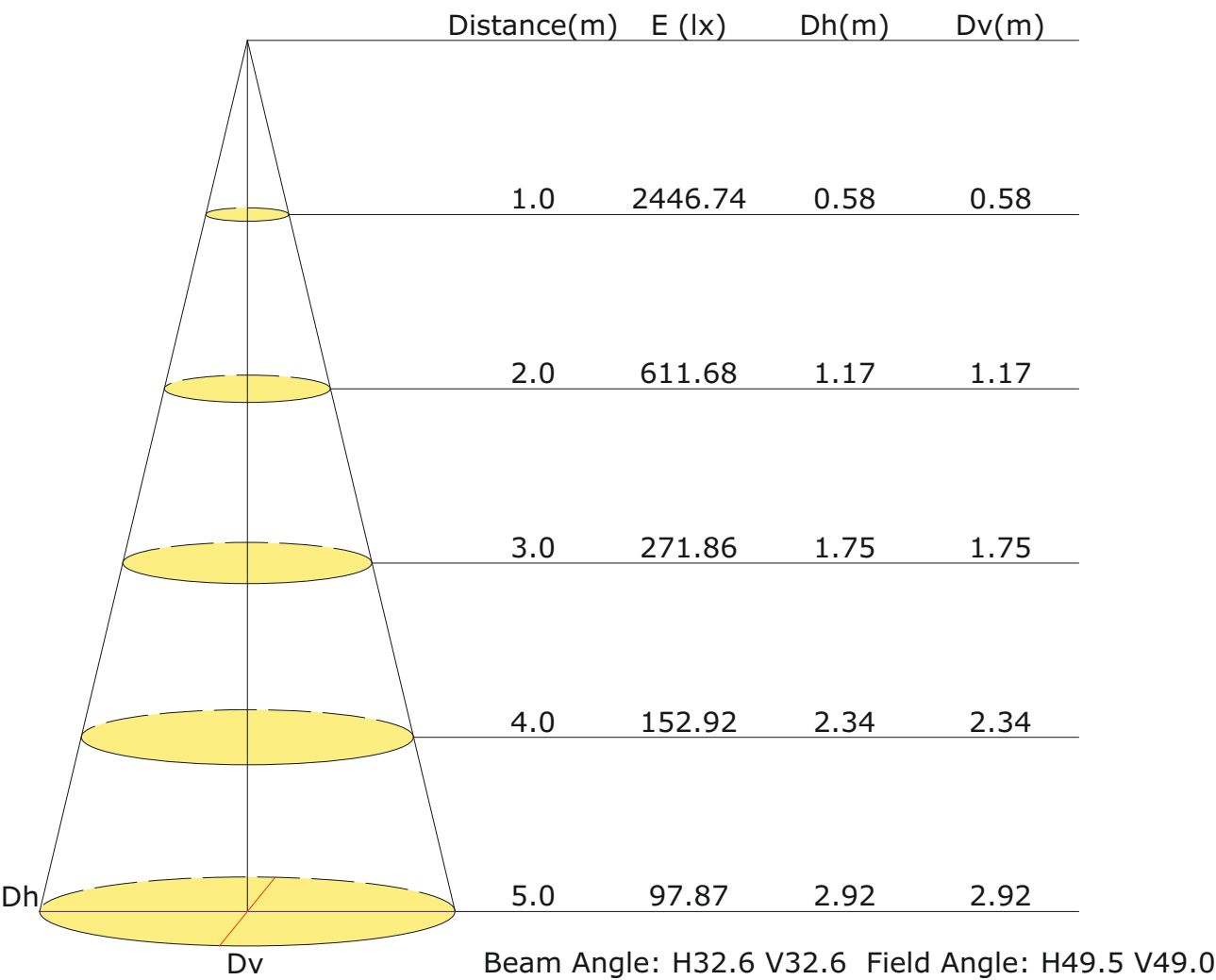
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	14	7	4	3	2	0	0	0	0
C90	14	8	4	4	2	0	0	0	0
C180	16	8	4	4	2	0	0	0	0
C270	13	7	3	2	1	0	0	0	0

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Illuminance at a Distance



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Operator:

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Distance: 10.096 m
Humidity: 55
Inspector: