

Photometrics Pro

Luminaire Photometric Report

AEL Mexico Cobrahead

Filename: PAR36-XCW-006N-001

Manufacturer: LEDTRONICS - PAR36-XCW-006N-001

Luminaire: WITH CLEAR PLASTIC LENS

Luminaire Cat: PAR36-XCW-006N-001

Lamp: 44 LEDs, LUMEN RATING = 70.4 LMS.

Lamp Output: 1 lamp(s), rated lamp lumens: 70.4

Max Candela: 440.0 at Horizontal: 0, Vertical: 0

Input Wattage: 3.3

Luminous Opening: Point

Test: 1-25-07-001

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 3H x 3V

Flood Summary

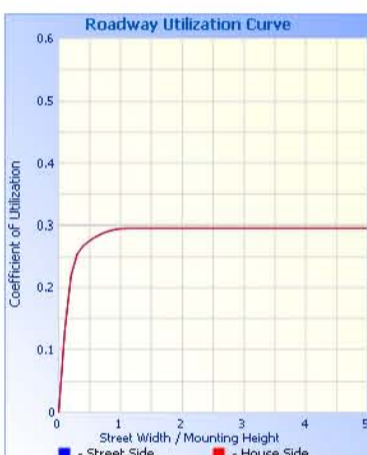
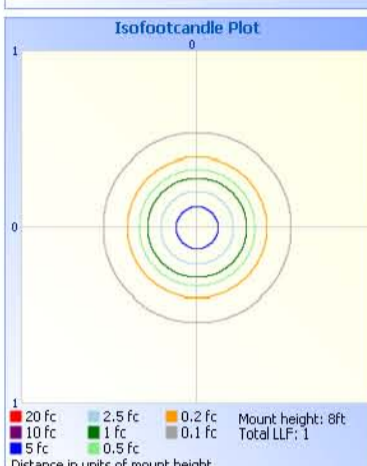
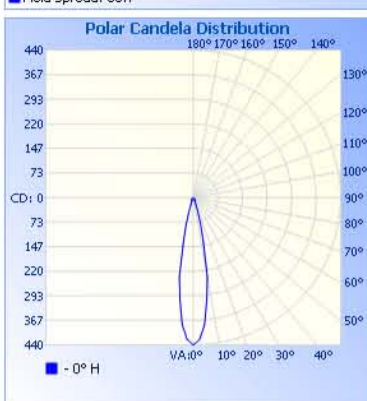
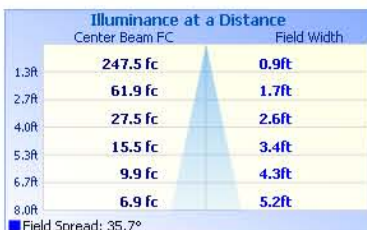
	Efficiency	Lumens	Horiz. Spread	Vert. Spread
Field (10%):	75.8%	53.3	35.7	35.7
Beam (50%):	47.9%	33.8	20.8	20.8
Total:	99.3%	69.9		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	62.4	88.6%	88.7%
0-40	67.3	95.6%	95.8%
0-60	70.3	99.8%	100%
0-90	70.3	99.8%	100%
Total Efficiency: 99.8%			

Lumens Per Zone

Zone	Lumens	% Total LU	Zone	Lumens	% Total LU
0-10	31.5	44.8%	90-100	0	0%
10-20	25.4	36.1%	100-110	0	0%
20-30	5.5	7.9%	110-120	0	0%
30-40	5.0	7.1%	120-130	0	0%
40-50	3.0	4.2%	130-140	0	0%
50-60	0	0%	140-150	0	0%
60-70	0	0%	150-160	0	0%
70-80	0	0%	160-170	0	0%
80-90	0	0%	170-180	0	0%



Zonal Lumen Tabulation - Flood Type

	0.5	2	4	6	8	10	12	14	16	18.25	21	24	27.25	31	35.25	40	45	51.25	60	70	80	87.5	
87.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.25	0	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0.2	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0.2	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0.3	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
0.5	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Maximum Lumens: 0.5
Field Lumens (Right Side): 26.65
Total Lumens (Right Side): 34.95

Candela Table - Type C

0	440
2.5	424
5	381
7.5	307
10	240
12.5	139
15	85
17.5	45
20	21.7
22.5	13.5
25	10.6
27.5	9.6
30	8.9
32.5	8.5
35	7.9
37.5	7.4
40	6.9
42.5	6.5
45	5.9
47.5	0
50	0
52.5	0
55	0
57.5	0
60	0
62.5	0
65	0
67.5	0
70	0
72.5	0
75	0
77.5	0
80	0
82.5	0
85	0
87.5	0
90	0

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] 1-25-07-001
[TESTLAB]
[ISSUE DATE]
[MANUFAC] LEDTRONICS - PAR36-XCW-006N-001
[LUMCAT] PAR36-XCW-006N-001
[LUMINAIRE] WITH CLEAR PLASTIC LENS
[LAMP] 44 LEDs, LUMEN RATING = 70.4 LMS.
[OTHER] OPERATING AT 006 VDC AND 3.3 WATTS
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 1
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1