

# KUZCO LIGHTING

## LUMINAIRE PHOTOMETRIC REPORT

**Filename:** EB41936-BK-UNV - Knox

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** Exterior Bollard

**Luminaire Cat:** EB41936-BK-UNV

**Lamp:** DC LED

**Lamp Cat:** Unknown

**Ballast Desc:** Input:120-277Vac 0.32A 50/60Hz. Output: 18-40Vdc 600mA

**Ballast Cat:** NE024277060-2GH

**Lamp Output:** Total luminaire Lumens: 1498.6

**Max Candela:** 756.9 at Horizontal: 270°, Vertical: 21°

**Input Wattage:** 24.3

**Luminous Opening:** (L: 6.5", W: 6.5", H: 9.49")

**Test:** 2361-24

**Test Date:** 05 January 2024

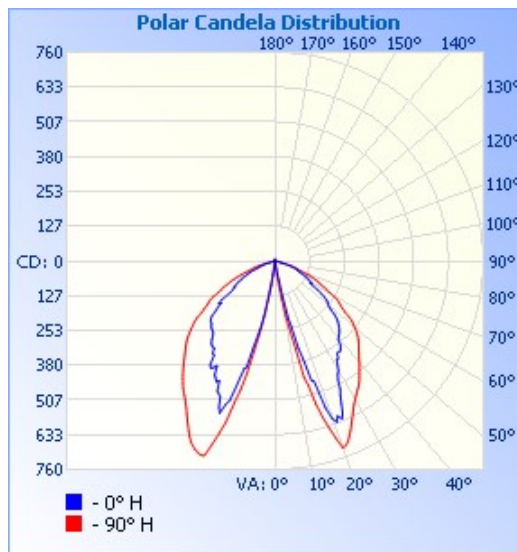
**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 4 X 7

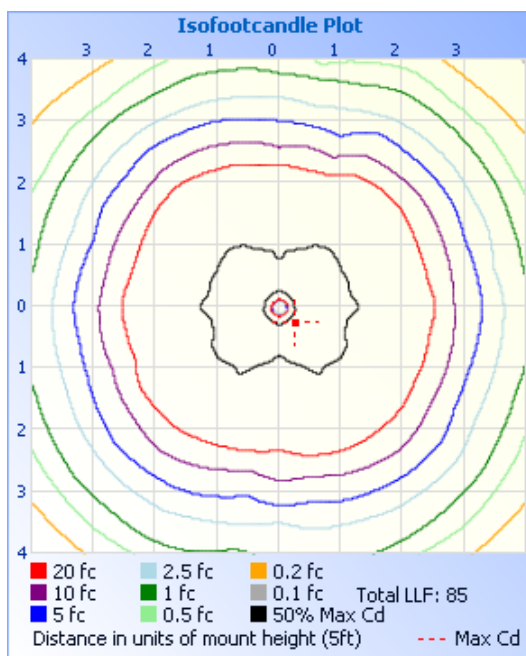


### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	409.3	27.3%
0-40	721.7	48.2%
0-60	1,281.2	85.5%
60-90	193.9	12.9%
70-100	48.6	3.2%
90-120	9.3	0.6%
0-90	1,475.1	98.4%
90-180	23.5	1.6%
0-180	1,498.6	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	2.6	0.2%	90-100	3.1	0.2%
10-20	123.4	8.2%	100-110	3.1	0.2%
20-30	283.3	18.9%	110-120	3.1	0.2%
30-40	312.4	20.8%	120-130	3.4	0.2%
40-50	309.9	20.7%	130-140	3.4	0.2%
50-60	249.6	16.7%	140-150	3.1	0.2%
60-70	148.4	9.9%	150-160	2.5	0.2%
70-80	41.5	2.8%	160-170	1.4	0.1%
80-90	4.0	0.3%	170-180	0.4	0%



### Illuminance at a Distance

Center Beam fc	Beam Width
3.3R	0.04 fc    6.3 ft    2.3 ft
6.7R	0.01 fc    12.7 ft    4.7 ft
10.0R	0.00 fc    19.0 ft    7.0 ft
13.3R	0.00 fc    25.2 ft    9.3 ft
16.7R	0.00 fc    31.7 ft    11.7 ft
20.0R	0.00 fc    37.9 ft    14.1 ft

■ Vert. Spread: 87.0°  
■ Horiz. Spread: 38.7°

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.