

# KUZCO LIGHTING | LED

**Filename:** 402501BK-LED - Ultra

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** PENDANT

**Luminaire Cat:** Ultra - 402501BK - LED

**Lamp:** AC LED Module

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**Ballast Desc:** 120VAC ; 50/60Hz

**Lamp Output:** Total luminaire Lumens: 228.5

**Max Candela:** 70.8 at Horizontal: 90°, Vertical: 3°

**Input Wattage:** 4.9

**Luminous Opening:** Rectangle (L: 4.57", W: 10")

**Test:** 3873-25

**Test Date:** 03 December 2025

**Test Lab:** EVERFINE

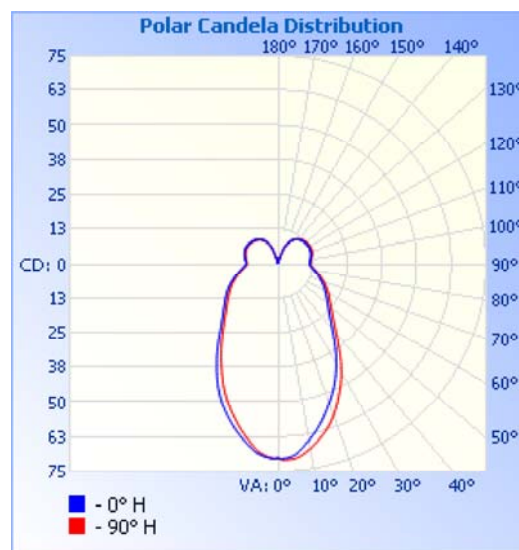
**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Noncutoff

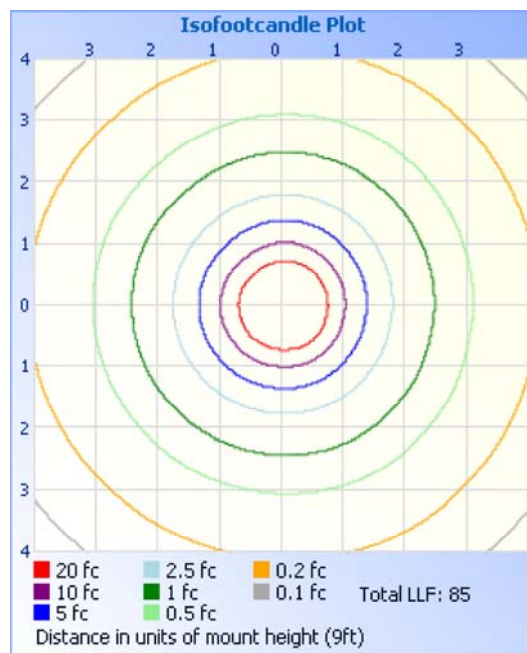
## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	46.1	20.2%
0-40	69.1	30.3%
0-60	110.4	48.3%
60-90	47.9	21%
70-100	42.0	18.4%
90-120	38.4	16.8%
0-90	158.3	69.3%
90-180	70.2	30.7%
0-180	228.5	100%



## Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.5	2.8%	90-100	12.6	5.5%
10-20	17.0	7.4%	100-110	13.1	5.7%
20-30	22.6	9.9%	110-120	12.7	5.6%
30-40	23.0	10.1%	120-130	11.3	4.9%
40-50	21.3	9.3%	130-140	9.2	4%
50-60	20.0	8.7%	140-150	6.7	2.9%
60-70	18.5	8.1%	150-160	3.7	1.6%
70-80	16.0	7.0%	160-170	0.8	0.4%
80-90	13.4	5.9%	170-180	0.1	0%



**Illuminance at a Distance**

	Center Beam fc	Beam Width
1.5ft	31.1 fc	2.2 ft 2.2 ft
3.0ft	7.78 fc	4.4 ft 4.4 ft
4.5ft	3.46 fc	6.7 ft 6.6 ft
6.0ft	1.95 fc	8.9 ft 8.8 ft
7.5ft	1.25 fc	11.1 ft 11.0 ft
9.0ft	0.86 fc	13.3 ft 13.2 ft

■ Vert. Spread: 73.0°  
■ Horiz. Spread: 72.5°