

# KUZCO LIGHTING | LED

**Filename:** WS54615-BZ - Warwick

**Manufacturer:** KUZCO LIGHTING

**Luminaire Cat:** Warwick - WS54615 - BZ

**Lamp:** AC LED Module

**Ballast Desc:** INPUT: 120 VAC,

**Ballast Cat:** KED38-120 -A3-A (Up and Down LEDs)

**Lamp Output:** Total luminaire Lumens: 489

**Max Candela:** 177.4 at Horizontal: 265°, Vertical: 20°

**Input Wattage:** 10

**Luminous Opening:** Circular (Dia: 2.36")

**Test:** 2641-24

**Test Date:** 18 September 2024

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

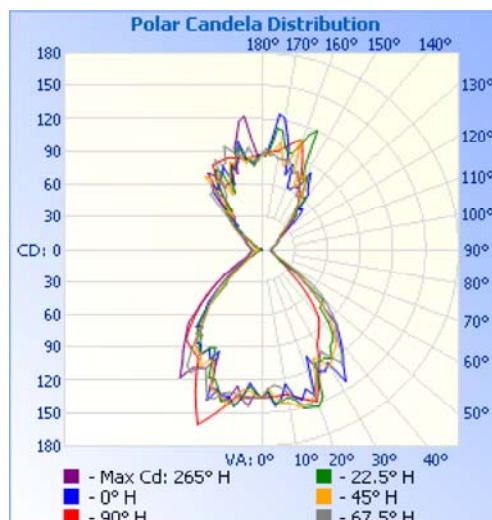
**CIE Class:** General Diffuse

**Cutoff Class:** Noncutoff

**Nema Type:** 6 X 6

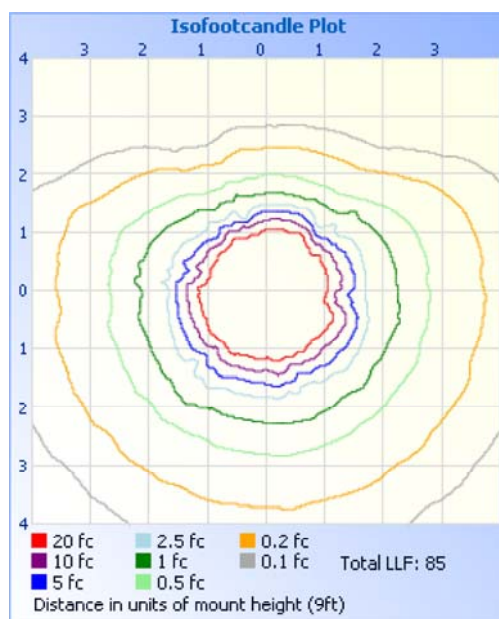
## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	106.9	21.9%
0-40	174.8	35.7%
0-60	261.6	53.5%
60-90	27.8	5.7%
70-100	23.0	4.7%
90-120	30.5	6.2%
0-90	289.4	59.2%
90-180	199.6	40.8%
0-180	489.0	100%



## Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	12.8	2.6%	90-100	7.5	1.5%
10-20	39.1	8.0%	100-110	9.9	2%
20-30	55.0	11.2%	110-120	13.2	2.7%
30-40	67.9	13.9%	120-130	19.1	3.9%
40-50	57.5	11.8%	130-140	34.0	6.9%
50-60	29.3	6.0%	140-150	43.2	8.8%
60-70	12.3	2.5%	150-160	38.2	7.8%
70-80	8.5	1.7%	160-170	25.8	5.3%
80-90	7.0	1.4%	170-180	8.8	1.8%



Illuminance at a Distance	
Center Beam fc	Beam Width
1.5ft	60.4 fc 2.5 ft 2.7 ft
3.0ft	15.1 fc 5.0 ft 5.3 ft
4.5ft	6.71 fc 7.5 ft 8.0 ft
6.0ft	3.77 fc 10.1 ft 10.6 ft
7.5ft	2.41 fc 12.6 ft 13.3 ft
9.0ft	1.68 fc 15.1 ft 16.0 ft
Vert. Spread: 80.0°	
Horiz. Spread: 83.1°	

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