



Street Lighting - Cobra 100



- Wattage: 40W, 80W and 100W
- High index, CRI: 85; Makes colors look more true and vibrant
- Vibration resistant: electrodeless design allows for use in high-vibration applications
- Instant on and Instant restrike
- Applications: Street Lighting, Area Lighting

Specification

Induction Lamp

Wattage (W)	Luminance (LM)	CRI	Color temperature (Kelvin)	Average lifetime (Hours)
40	3,400	85	2,700-5,000	100,000
80	6,800	85	2,700-5,000	100,000
100	8,500	85	2,700-5,000	100,000

Driver

Wattage (W)	Input voltage range (VAC)	Input current (A)	Input frequency	Power factor	Operating temp	Input power (W)
40	120/277	0.38-0.17	50-60Hz	0.98	-30 to 122°F	45
80	120/277	0.74-0.32	50-60Hz	0.98	-30 to 122°F	75
100	120/277	0.93-0.40	50-60Hz	0.98	-30 to 122°F	110

Housing

- Die cast aluminum housing with electrostatic painted surface for heat-resistance, corrosion-resistance and long life.
- Glass lens for superior lighting performance.
- Gas tight silicon rubber seal.

Ordering Guide

Example: CO-120/277V-100W-5K-PG

Series	Voltage	Wattage	Kelvin Temp	Lens Type
CO	120V/277V			
		040W 080W 100W		PG: Prismatic Drop Glass FG: Clear Flat Glass BG: Clear Drop Glass



164-5489 Byrne Rd
Burnaby, B.C

1-245 Southgate Dr.
Guelph, ON

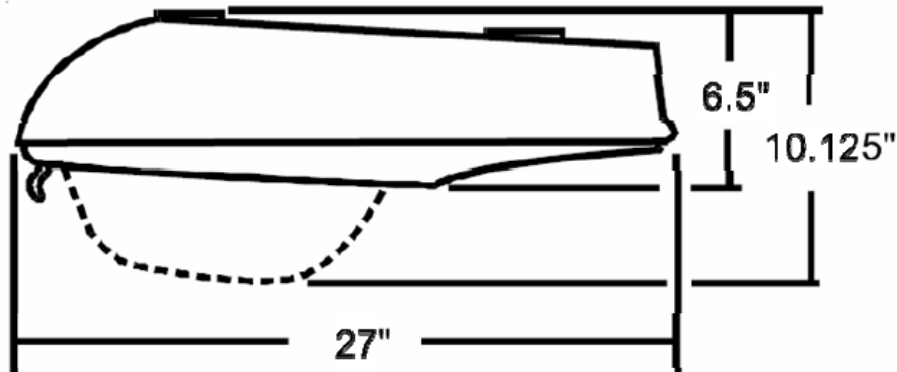
5415 Woodmere Dr.
Bakersfield, CA

877-763-7957

www.GreenAndCleanDirect.com

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Dimensions



Economics

Induction		Induction		Induction	
Wattage	40W	Wattage	80W	Wattage	100W
CRI	85	CRI	85	CRI	85
Lamp life	100,000	Lamp life	100,000	Lamp life	100,000
Pupil lumens	5,508	Pupil lumens	11,016	Pupil lumens	13,770
Design Lumens	3,400	Design Lumens	6,800	Design Lumens	8,500
Operating costs	\$473*	Operating costs	\$858*	Operating costs	\$1,156
High Pressure Sodium		High Pressure Sodium		High Pressure Sodium	
Wattage	70W	Wattage	150W	Wattage	250W
CRI	21	CRI	21	CRI	21
Lamp life	24,000	Lamp life	24,000	Lamp life	24,000
Pupil lumens	3,591	Pupil lumens	9,120	Pupil lumens	15,675
Design Lumens	6,300	Design Lumens	16,000	Design Lumens	27,500
Operating costs	\$1,128*	Operating costs	\$2,172*	Operating costs	\$3,354

*Based on 0.12 KW/H, 10 years of use, 8760 hours/year



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