



Street Lighting - Cobra 200



- Wattage: 100W, 150W, 200W and 250W
- 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)
100	8,500	85	2,700-5,000	100,000
150	12,750	85	2,700-5,000	100,000
200	17,000	85	2,700-5,000	100,000
250	21,250	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)
100	120/277	0.90-0.41	50-60Hz	0.98	-30 to 122°F	110
150	120/277	1.38-0.60	50-60Hz	0.98	-30 to 122°F	160
200	120/277	1.83-0.79	50-60Hz	0.98	-30 to 122°F	210
250	120/277	2.29-0.99	50-60Hz	0.98	-30 to 122°F	263

Housing

- Die cast aluminum alloy housing and aluminum alloy top cover
- Electrostatic painted surface for heat-resistance, corrosion resistance and long life
- IP 65 – Lamp and driver are totally protected against dust and low pressure water jets
- Poly carbonate or glass tempered lens is impact resistant and resilient against high temperature
- Anodized aluminum reflector - Provides type III light distribution pattern

Ordering Guide

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

Series	Voltage	Wattage	Kelvin Temp	Lens Type
CO	120V/277V	100W 150W 200W 250W		FG: Clear Glass CG: Clear Polycarbonate



164-5489 Byrne Rd
Burnaby, B.C

1-245 Southgate Dr.
Guelph, ON

2180 Wible Road
Bakersfield, CA

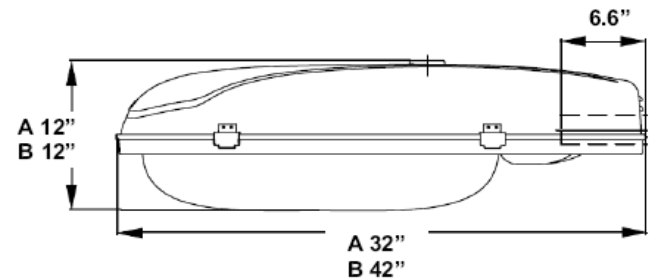
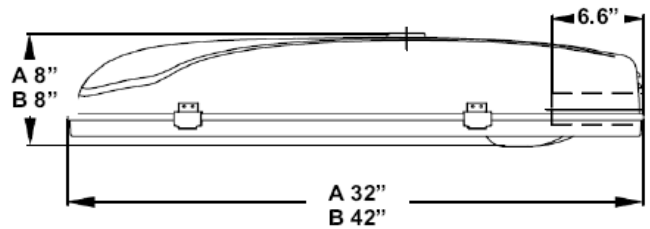
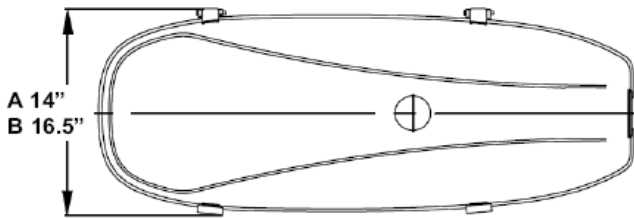
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Dimensions

A 100W and 150W
B 200W and 250W



Economics

Induction		Induction		Induction		Induction	
Wattage	100W	Wattage	150W	Wattage	200W	Wattage	250W
CRI	85	CRI	85	CRI	85	CRI	85
Lamp life	100,000	Lamp life	100,000	Lamp life	100,000	Lamp life	100,000
Pupil lumens	13,770	Pupil lumens	20,665	Pupil lumens	27,540	Pupil lumens	34,425
Design Lumens	8,500	Design Lumens	12,750	Design Lumens	17,000	Design Lumens	21,250
Operating costs	\$1,156*	Operating costs	\$1,682*	Operating costs	\$2,208*	Operating costs	\$2,765*
High Pressure Sodium		High Pressure Sodium		High Pressure Sodium		High Pressure Sodium	
Wattage	250W	Wattage	250W	Wattage	400W	Wattage	400W
CRI	21	CRI	21	CRI	21	CRI	21
Lamp life	24,000	Lamp life	24,000	Lamp life	24,000	Lamp life	24,000
Pupil lumens	15,675	Pupil lumens	15,675	Pupil lumens	28,500	Pupil lumens	28,500
Design Lumens	27,500	Design Lumens	27,500	Design Lumens	50,000	Design Lumens	50,000
Operating costs	\$3,354*	Operating costs	\$3,354*	Operating costs	\$5,078*	Operating costs	\$5,078*

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



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