



Charlevoix Cobra



Description

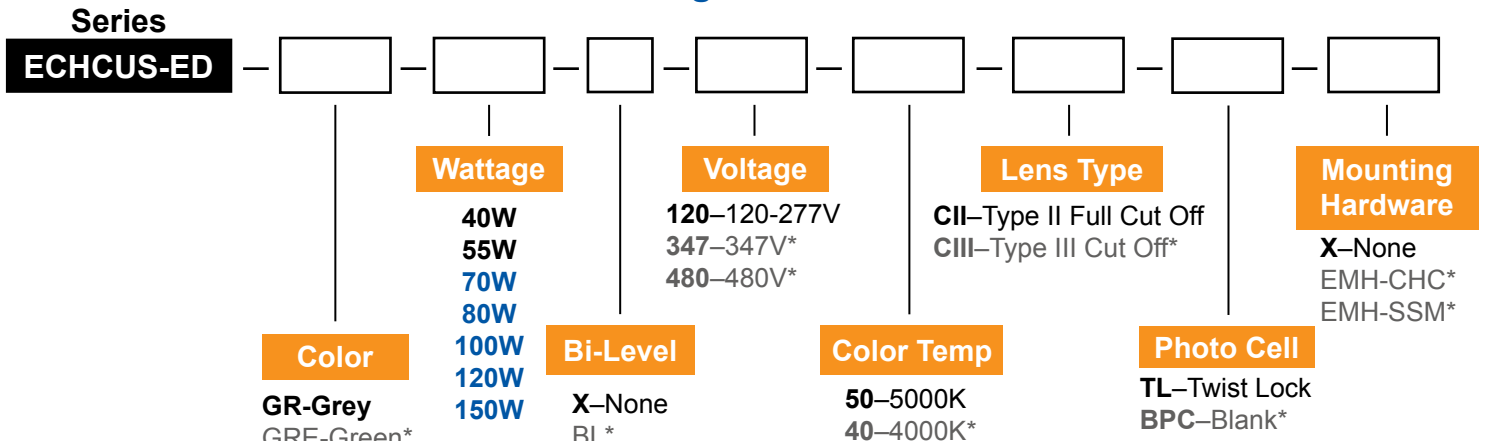
- Series: EHCUS-ED
- Lamp Life Rating: 100,000 Hours
- Lumen Maintenance: 70% over 100,000 Hours
- Light Output: 5000K, 85 CRI
- IP Rating: IP65
- Applications: Freeway, secondary roads, parking lots
- EPA: 1.9ft²
- Warranty: 10 Year Limited

Specifications and Patent Pending Features

- Bi-Level Ballast option dims to 40% power for additional energy savings
- Specular reflector optimized for induction lamp geometry
- Acrylic lens with Type II full cut off, or Type III
- Die cast aluminum housing with weatherproof powder coated finish
- Individual, isolated compartments protect ballast, lamp and slip-fit mounting hardware
- Tool-less entry for easy access, with gasket seal for IP65 ingress protection rating

*Patent Pending

Ordering Information



Bold = Standard

Grey * = Upgrade options available upon request

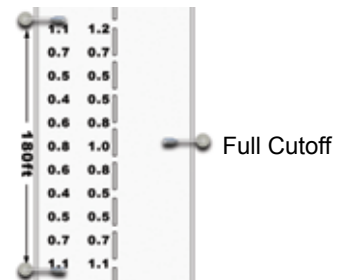
Blue = Bi-Level Wattage Options

Example: **EHCUS-ED-GR-100-BL-120-50-CII-TL-X**

Recommended Roadway Lighting

IES Recommended Spacing	100W
Local	365'
Collector	230'
Major	150'
Expressway/Freeway A	110'
Freeway B	160'

Grid Statistics	100W
Average	0.7fc
Max	1.2fc
Min	0.4fc
Max/Min	3.0
Avg/Min	1.80

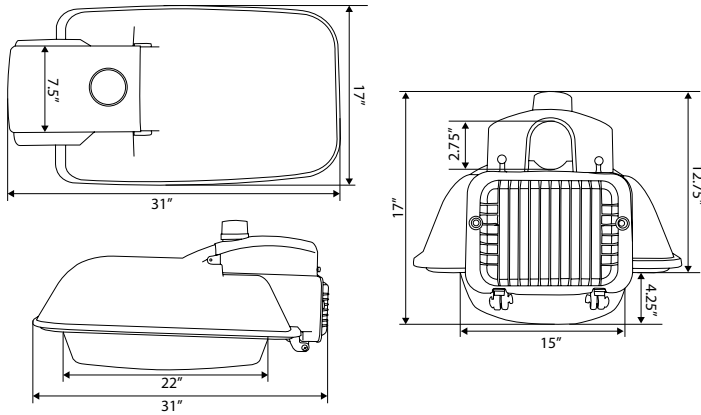


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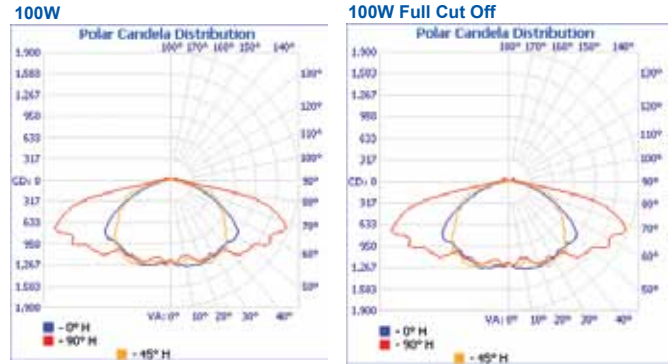
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Dimensions



Photometric Data



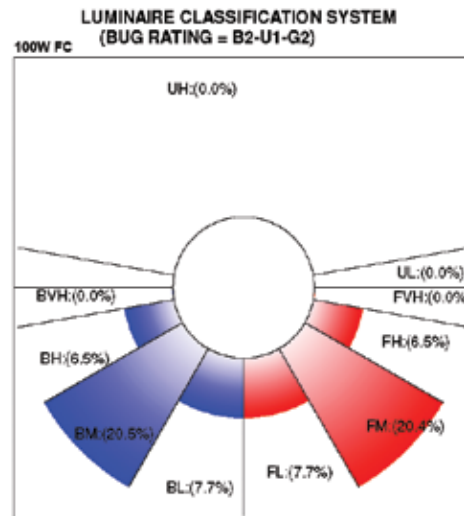
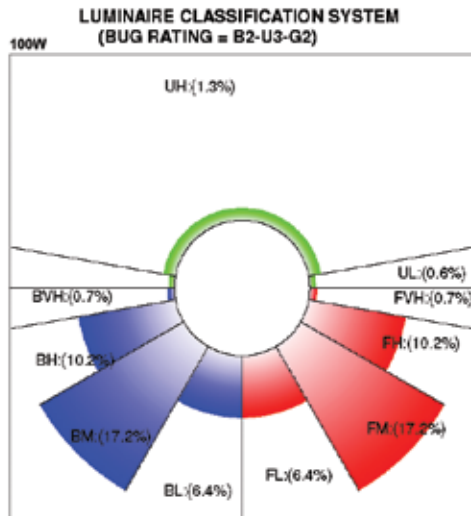
Lamp Specifications

Wattage	Lumens	L/W Ratio	CRI	CCT (KELVIN)	Rated Life
40W	3,350	84	82-85	5000	100,000 hours
55W	4,650	84	82-85	5000	100,000 hours
70W / 28W	5,900/2,400	84	82-85	5000	100,000 hours
80W / 32W	7,150/2,900	84	82-85	5000	100,000 hours
100W / 40W	8,400/3,400	84	82-85	5000	100,000 hours
120W / 48W	10,100/4,100	84	82-85	5000	100,000 hours
150W / 60W	12,600/5,100	84	82-85	5000	100,000 hours

Ballast Specifications

System Wattage	Input Voltage	Input Current	Input Freq.	Power Factor	Ambient Temp	THD
44W	120-277V/480V*	0.38-0.17A / 0.10A	50/60Hz	>0.95	-40 to 130 F°	<10%
61W	120-277V/480V*	0.50-0.21A / 0.13A	50/60Hz	>0.95	-40 to 130 F°	<10%
78W / 82.6 / 36.9 dimmed	120-277V/480V*	0.63-0.29A / 0.16A	50/60Hz	>0.95	-40 to 130 F°	<10%
90W / 94.4 / 46.9 dimmed	120-277V/480V*	0.70-0.32A / 0.19A	50/60Hz	>0.95	-40 to 130 F°	<10%
111W / 118.0 / 58.5 dimmed	120-277V/480V*	0.93-0.42A / 0.22A	50/60Hz	>0.95	-40 to 130 F°	<10%
134W / 141.6 / 70.1 dimmed	120-277V/480V*	1.05-0.46A / 0.28A	50/60Hz	>0.95	-40 to 130 F°	<10%
165W / 166.0 / 85.0 dimmed	120-277V/480V*	1.35-0.61A / 0.35A	50/60Hz	>0.95	-40 to 130 F°	<10%

BUG Rating



*Legal Notice: Full Spectrum Solutions owns proprietary rights in the EverLast® Series of fixtures in the form of pending patent applications in the US and PCT applications for International protection.

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