

## INTRODUCTION

The CReS 6™ is an innovative LED lensed wraparound luminaire designed for schools, retail, offices, and corridor applications that require a wide distribution of light. This is a highly efficient fixture that delivers extreme power savings along with low installation and maintenance costs. The CReS 6™ is available in 4ft and 8ft versions and is suitable for mounting heights greater than 15ft.

## CONSTRUCTION

The powder coated, post painted steel formed and punched cover of the CReS 6™ contains multiple knockouts and mounting holes. A steel formed gear housing hinges and locks on the cover and supports the electrical components, lensing, and lens caps. It further provides a wiring through-way for end-to-end mounting.


## OPTICS

The CReS 6™ provides smooth wide general distribution through a dust and bug tight diffuse acrylic lens. The length and surface area of the lens delivers lighting that is comfortable to the viewer in low ceiling height applications. The lens pressure mounts to continuous metal rails on the gear housing and is locked by plastic end caps secured by fasteners. CReS 6™ BLU Ecosystem™ versions will include sensors embedded in one end cap.

## PERFORMANCE

CReS 6™ offers the following: > 130 Lumens/Watt; CRI > 80; THD < 10%; PF > 99. Projected life exceeds 100,000 hours. LED modules and drivers are offered with a standard 5-year warranty based on performance under normal conditions. (consult warranty for details)

## FLEXIBLE ELECTRICAL STANDARD FEATURES

- For Canada, CReS 6™ includes 120/347V
- For USA, CReS 6™ includes 120/277V
- Disconnect provided on input power wires
-  BLU Ecosystem™ compliant

## MOUNTING

The CReS 6™ is specifically designed to allow for simple and efficient installation. The cover housing may be mounted directly to the ceiling surface and is also suitable for pendent, chain, or aircraft cable suspension below ceiling. The gear housing hinges to one side of the cover allowing free access to the electrical components for splicing and/or maintenance. After electrical work is completed, the gear housing hinges closed and is locked on the cover.

NOTE: Mounting hardware by others. Safety chain is recommended for suspended applications that may subject the fixture to possible impact.

## COMPLIANCE

The CReS 6™ is cCSAus listed for damp locations and -40°C to +40°C ambient environments. RoHS compliant. LED modules comply with IESNA LM-79 and LM-80 standards.

\*NOTE: Specifications subject to change without notice.



AFFORDABLE EFFICIENT LIGHTING SOLUTIONS

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NOMENCLATURE						
FAMILY SERIES	SIZE	CCT	DRIVER	WATTS	SENSOR	VOLTS
<b>C6</b> - CReS 6™ (9")	<b>4</b> - 4FT	<b>T</b> - 2700-6500K	<b>B</b> - BLU Ecosystem™	<b>35</b>	<b>MW</b> - Microwave	<b>1</b> - 120/277V
<b>C6W</b> - CReS 6™ (14")	<b>8</b> - 8FT			<b>70</b>	<b>PIR</b> - Passive Infrared	<b>C</b> - 120/347V

CReS 6™ Dimensions		
SIZE	LUMENS	BLU Ecosystem™
8FT	9800	70W
4FT	4900	35W



J2 Light Inc.® Version 220607

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