

Cree® CRX

New CRX Series



BETTER LIGHT IS BEAUTIFUL LIGHT

Let colors play

Indoor lighting means respecting the mood of the interiors to be lit so colors and finishes are fundamental in order to let the designers play.

CRX features matt metallized finishes that can be changed thanks to the integrated reflector.

Easy to install

Quick tool-free installation thanks to flexible springs and rapid electrical connectors. All versions available within the product range are conceived to guarantee the utmost flexibility in terms of installation and safety in terms of electrical connection.

Flexible optical system

Unique combination of reflective and refractive optical components achieves a uniform, comfortable appearance while eliminating pixelation, hot spots and minimizing glare. Diffusing polycarbonate lens shields direct view of LEDs and provides greater visual cut-off. Components work together to optimize distribution, balancing the delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces. This increases the perception of spaciousness.

CREE ™

COMPACT SHAPE. EXTREME FLEXIBILITY.

Cree unveils the new CRX Series, a range of downlights designed for both residential and commercial markets with increased effectiveness, lumen output and a high colour rendering index. The CRX Series offers flexibility for various environments, with three sizes (100, 125 and 150mm); interchangeable metallic trim finishes; light output ranging from 750 up to 2600 lumens and multiple control options including DALI dimming. In a standard set-up, the downlights provide soft uniform light with a 100° viewing angle, which can be modified with tailored accessories to obtain angles of 12°, 24° or 38°.

PERFORMANCE SUMMARY

Utilizes Cree TrueWhite® Technology

Efficacy: Up to 105 LPW

Initial Delivered Lumens: 750-2600 lumens

Input Power: Up to 28 watts

CRI: 90 CRI

CCT: 3000K, 4000K, 5000K

Light Source: 2-Step MacAdam

Input Voltage: 220-240VAC, 50/60Hz

Limited Warranty: 5 years

Lumen Maintenance: >100.000 hours L₇₀

Controls: Non-dimmable and DALI options

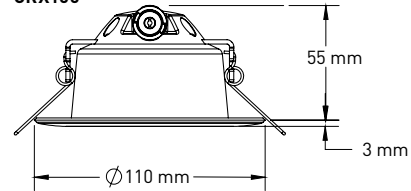
Mounting: Recessed



CONSTRUCTION AND MATERIALS

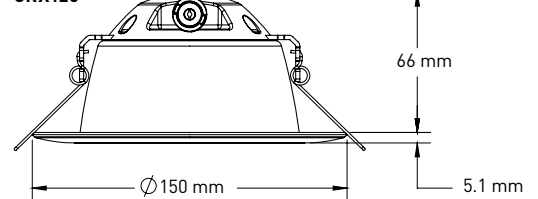
- Durable aluminum housing protects the light source.
- Spring clips resist heat while providing retention for flush ceiling fit.
- Thermal management system uses integral heat sink to conduct heat away from LEDs for optimal performance. LED junction temperatures stay below specified maximum even when installed in non-insulated ceiling applications. Not for direct burial in insulation.
- One-piece aluminum lower reflector redirects light while also conducting heat away from LEDs. It creates a comfortable visual transition from the lens to the ceiling plane.

CRX100™



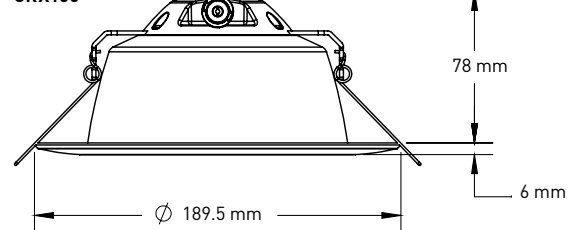
Ceiling Openings: Ø 95 - 105 mm

CRX125™



Ceiling Openings: Ø 125 - 140 mm

CRX150™



Ceiling Openings: Ø 150 - 180 mm

CREE TRUEWHITE® TECHNOLOGY



A revolutionary way to generate high-quality white light, Cree TrueWhite® Technology is a patented approach that delivers an exclusive combination of 90+ CRI, beautiful light characteristics, and lifelong color consistency, all while maintaining high luminous efficacy - a true no compromise solution.

CREE LED TECHNOLOGY



Cree's total systems approach to product development is a comprehensive engineering philosophy that combines the most advanced LED sources, driver technologies, optics and forms. The result is highly-reliable luminaire solutions for both indoor and outdoor applications that reduce energy use, extend lifetimes, and maximize illumination performance and quality.

APPLICATIONS



CRX is the ideal choice for any indoor application ranging from controlled Office lighting up to general diffused lighting for corridors and common areas. Both the size and lumen output have been conceived to provide a quick and effective alternative to traditional CFL based downlight solutions.

Visit www.cree-europe.com or contact Cree Europe Customer Service to learn more.

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