



# LUXEON 2835 with CrispColor Technology™

Fashion retail lighting that makes an impact, highlighting rich colors and increasing contrast



LUXEON 2835 with CrispColor Technology is the ultimate solution that makes fabrics come to life. With efficient solid state lighting technology, the contrast of colors has never been so vivid. Our special phosphor technology has created a higher gamut color rendering than existing solutions with a specific color point below the Black Body Line to allow for Class A products. Combined with industry leading performance in a common 2835 platform, LUXEON 2835 with CrispColor Technology creates a highly impactful retail experience with all of the advantages of LUXEON 2835, including leading performance, lower voltage, higher driving current, and excellent reliability.

## FEATURES AND BENEFITS

Industry standard footprint for drop-in replacement designs

Maximum drive current of up to 240mA allows for reduction of LED count

3- and 5-step MacAdam ellipse color kits available

## PRIMARY APPLICATIONS

Downlights

Indoor Area Lighting

- TLEDs

- Troffers

Lamps

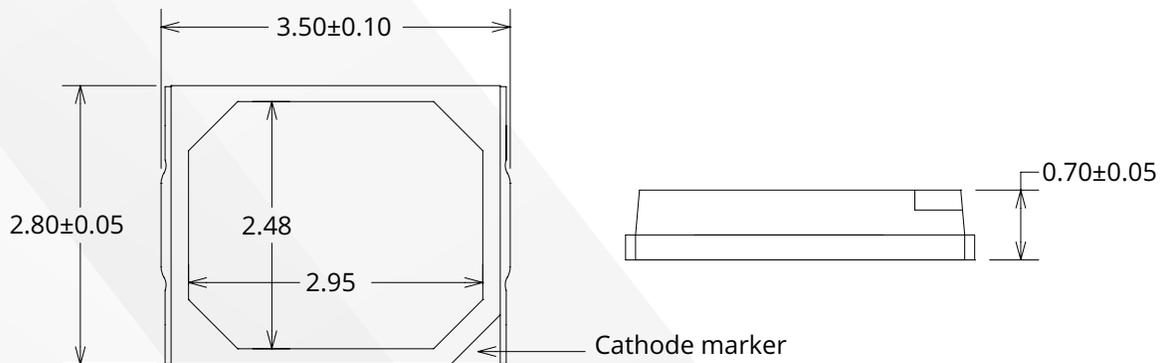
LUXEON 2835 with CrispColor Technology product performance at 120mA, T<sub>j</sub>=25°C.

PRODUCT	VOLTAGE	NOMINAL CCT	MINIMUM CRI <sup>[1, 2]</sup>	LUMINOUS FLUX <sup>[1, 2]</sup> (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
				MINIMUM	TYPICAL		
LUXEON 2835C	3V	2700K	90	36	42	117	L128-27HGCA3500000
		3000K	90	38	43	120	L128-30HGCA3500000
		3250K	90	40	45	125	L128-33HGCA3500000
		3500K	90	40	46	128	L128-35HGCA3500000
		4000K	90	42	47	131	L128-40HGCA3500000
		5000K	90	44	50	139	L128-50HGCA3500000

Notes:

1. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on luminous flux measurements.
2. Luminous flux and CRI specs are based upon mounted package on highly reflective surface at T<sub>j</sub>=25°C. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.

Mechanical Dimensions.



Notes:

1. Drawings are not to scale.
2. All dimensions are in millimeters.