

# CREE XLamp EasyWhite™ Binning

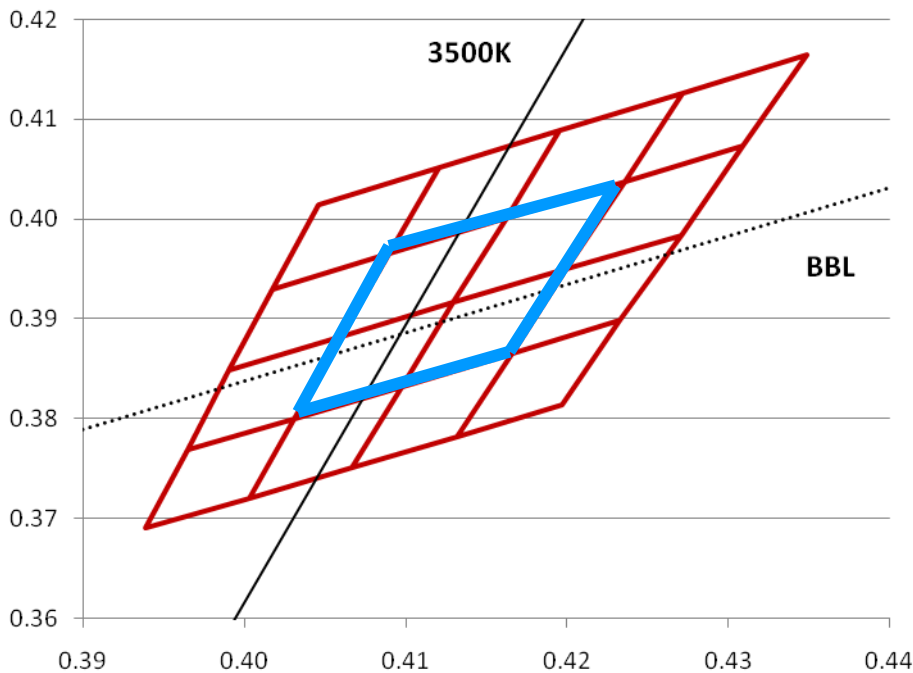
## Overview

XLamp EasyWhite™ binning is a new innovation from CREE that simplifies LED system design and improves LED-to-LED colour consistency in 3500K, 3000K and 2700K CCT lighting solutions.

Prior to this innovation it was necessary to manually mix multiple LED bins to achieve consistent colour points; a complex and often undesirable process.

XLamp MC-E LEDs are the first LEDs available in EasyWhite™ bins.

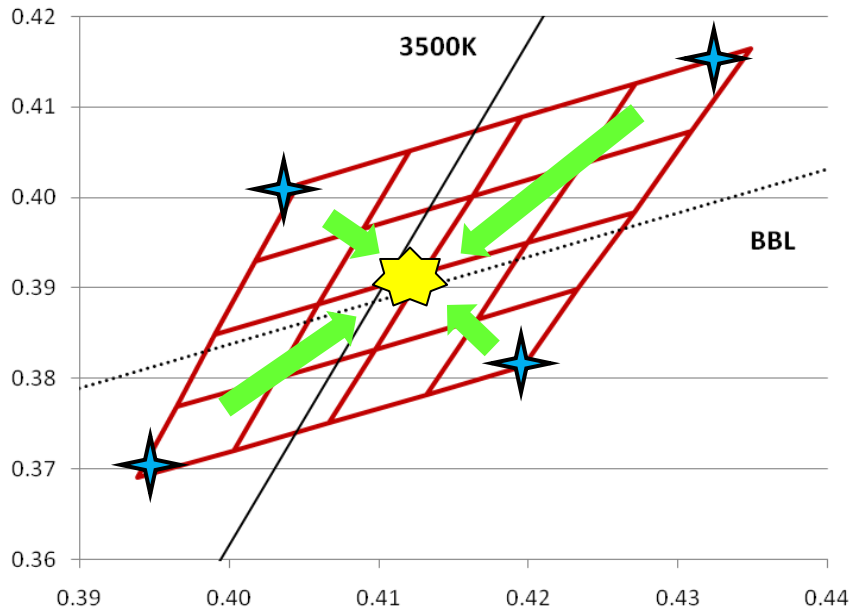
## Traditional Binning – Strategy 1 (Increased Cost)



Achieving consistent colour using traditional binning requires the use of a tight bin selection.

Specifying a more rigorous selection increases cost.

## Traditional Binning – Strategy 2 (Increased Inventory)

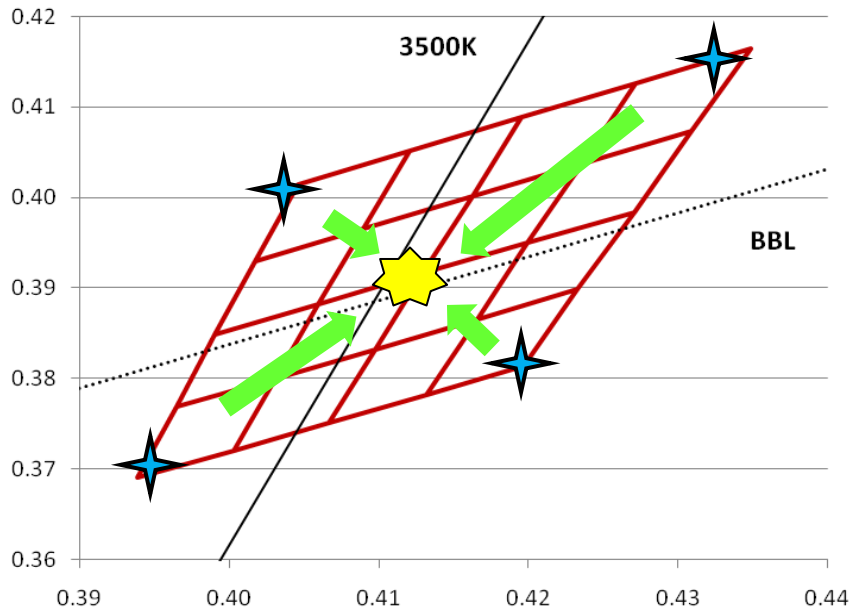


In certain applications it is possible to mix multiple LEDs, taken from a broader colour selection, to achieve a consistent output.

Requires:

- Larger inventory of LEDs
- Knowledge of colour mixing technique

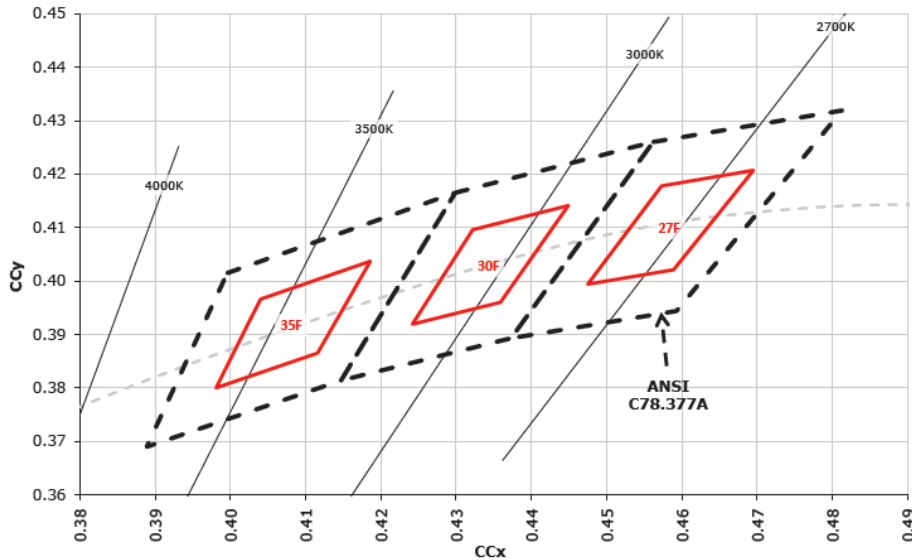
## The Solution - EasyWhite™ Binning



Let Cree do the mixing for you...

- Consistent colour
- No complicated mixing recipes
- Reduced inventory
- Ease of manufacturing

## MC-E EasyWhite™ Binning Options



- MCEEZW-A1-0000-0000H035F – 3500K
- MCEEZW-A1-0000-0000H030F – 3000K
- MCEEZW-A1-0000-0000H027F – 2700K



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