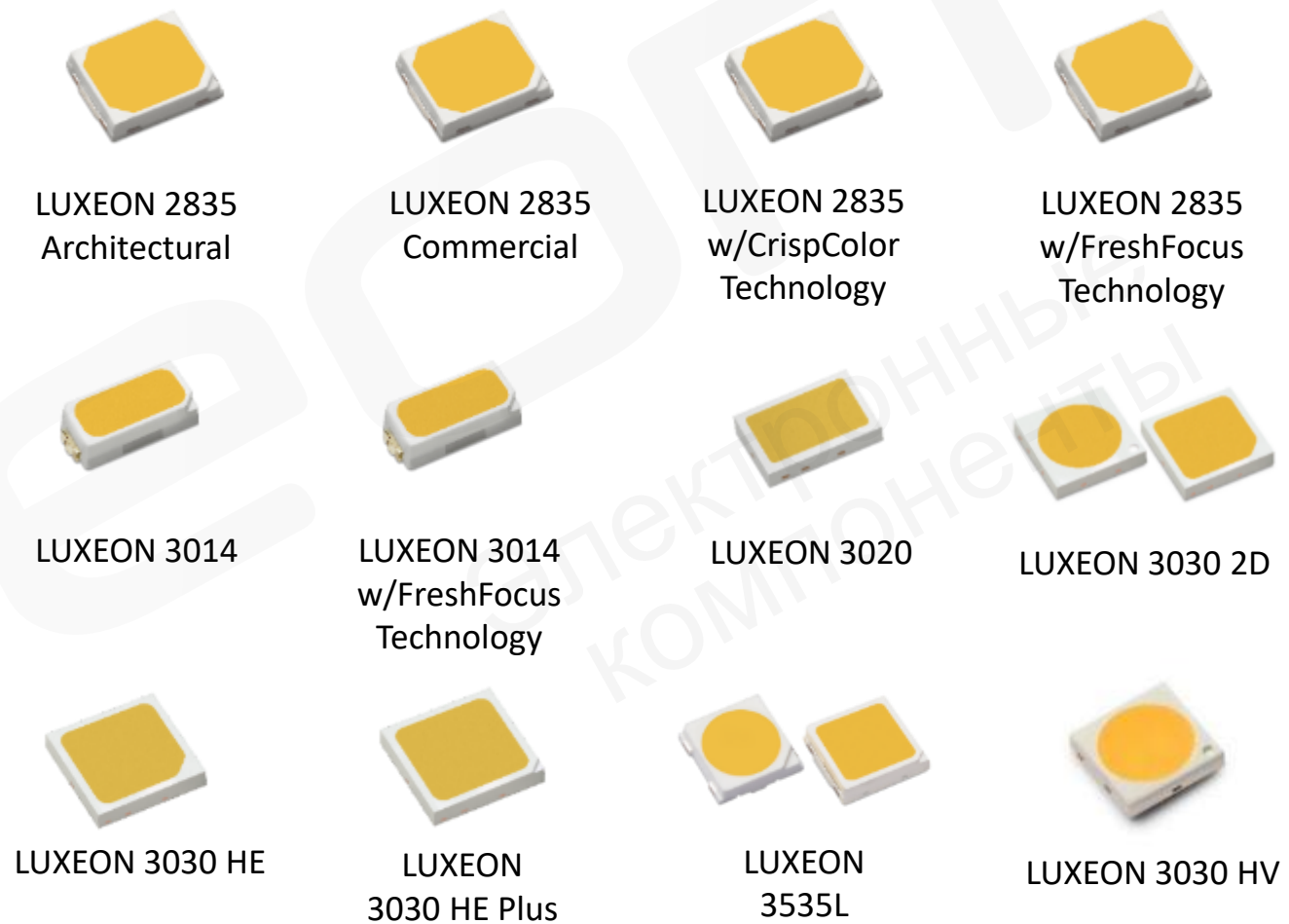




# Our Illumination Product Portfolio

IR & UV  
Matrix  
Colors  
Human Centric  
Horticulture  
CoBs  
High-Power



- Unique options for application specific color and white rendering (Crisp Color, Fresh Focus, etc.)
- Support for (end) customer specific chromaticity or spectral distribution
- Focus on stability, long term dependability

2023 products:  
LUXEON HL4X and LUXEON HL4Z



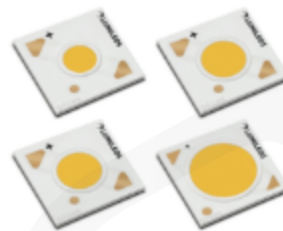
High-Power

Mid-Power

- Broad range of CCT/CRI options supporting a wide range of applications with single LED type
- Optimized and color uniform light distribution for best performance with secondary options
- Focus on stability, long term dependability
- Continued support and upgrades including legacy products



LUXEON CoB  
Core Range



LUXEON CX Plus CoB (Gen2)  
CX Plus High Density,  
CX Plus High Density (Below BBL)



LUXEON CoB  
Core Range  
High Density



LUXEON CoB Core  
Range PW



LUXEON CoB with CrispWhite  
or CrispColor Technology

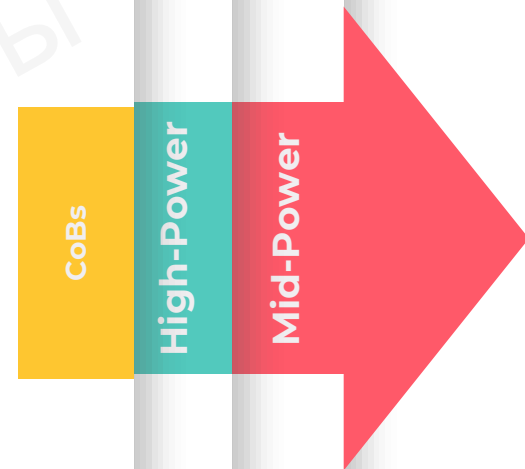


LUXEON CoB with  
FreshFocus Technology



LUXEON CoB Core Pro

- Unique options for application specific color and white rendering (Crisp Color, Crisp White, Fresh Focus, etc.)
- Support for (end) customer specific chromaticity or spectral distribution
- Multiple footprint sizes, square and rectangular
- Continuous product upgrades, leveraging latest available technologies





LUXEON SunPlus 20 Line



LUXEON SunPlus 2835 Line



LUXEON SunPlus 35 Line



LUXEON SunPlus CoB Line



LUXEON SunPlus 3030



LUXEON SunPlus 5050



LUXEON SunPlus HPE



- Products tested and qualified to withstand high humidity and power cycles over long time
- Volume availability and logistics in place to support market growth spurts
- High maximum current ratings combined with high efficiency ( $\mu\text{mol/J}$ )

IR & UV

Matrix

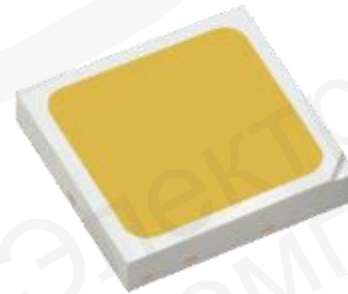
Colors



LUXEON  
SkyBlue



LUXEON  
Fusion



LUXEON 3030 HE  
Plus Deep Dimming

Human  
Centric

Horticulture

CoBs

High-Power

Mid-Power



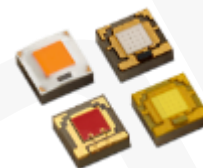
LUXEON 2835  
Color



LUXEON 3535L  
Color Line



LUXEON C



LUXEON CZ



LUXEON FlipChip  
Royal Blue



LUXEON  
Rebel Color



LUXEON  
Rubix



LUXEON  
Z Color



LUXEON  
3528 RGB



LUXEON  
3735 RGB



LUXEON 5052  
RGBW

Colors

Human  
Centric

Horticulture

CoBs

High-Power

Mid-Power

- In house development and production of all colors epi and die → best supportability
- Optimized for flexibility – optical and footprint compatibility
- Continued support for legacy products LUXEON Rebel and LUXEON Z
- Continued efficacy and output upgrades amplifying the Cd/lm advantage





LUXEON XR-5050 Square



LUXEON XR-5050 HE



LUXEON XR-7070



LUXEON XR-HL2X

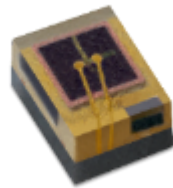


- Custom designs or standard product solutions
- Factory control of every LED on every board eliminates binning concerns
- Over 20-years of board design and manufacturing
- Custom design and production support for any LUXEON LED





LUXEON  
IR 2720



LUXEON IR  
Compact Line



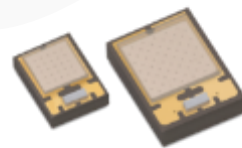
LUXEON IR  
Domed Line



LUXEON IR  
Onyx



LUXEON UV  
FC Line



LUXEON UV  
U Line



- Infrared expertise for time-of-flight, spectroscopy, and automotive sensing applications
- High Power Output and package options fitting application needs
- Chip Scale Packaging (CSP) expertise applied to UV LEDs maximize W/\$ and allow for tight – 200 micron - spacing
- Compact High Power Density UV U line



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