PRODUCT BRIEF

Intematix ChromaLit 360

Remote Phosphor Light Source: Ellipse, Candle, Dome

ChromaLit 360 light sources enable brighter, more energy efficient LED bulbs and lighting fixtures by providing wide angle lighting distribution, improved light quality, and greater design freedom. These remote phosphor light sources from Intematix provide highly uniform light distribution and are offered in a variety of lumen levels for applications in indoor and outdoor general lighting, decorative and retrofit light bulb designs.

Applications & Uses

- LED retrofit bulbs
- Portable consumer lighting
- Sconces
- Pendants
- Chandeliers
- Decorative lighting

ChromaLit Candle

Product Features

- Diffuse and uniform emission pattern
- 3 SDCM color consistency
- Up to 30% higher system effiicacy compared to white LED solutions
- CCT options ranging from 2700K to 5600K with a CRI range of 70 to 98
- Omni-directional light distribution

Application Benefits

- Enables new design options for functional lighting applications
- Glare free non-pixelated lighting
- Uniform consistent lighting
- Increased energy savings and lower total cost of ownership
- Supports broad market requirements for high quality lighting with improved inventory management

Picture of GE Lantern courtesy of JASCO Lighting

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Optical and Performance Characteristics

For use with Blue Pump LEDs

Color Designation	CCT (K)	Min CRI	Typ CE (lm/W_{rad})
CL-827	2700	80	180
CL-927	2700	90	165
CL-830	3000	80	200
CL-930	3000	90	170
CL-835	3500	80	205
CL-840	4000	80	210
CL-750	5000	70	225

Notes:

1. **Conversion Efficacy (CE)** is the luminous flux (white light) output per radiant watt of blue light input to the remote phosphor source. W_{rad} is the radiometric power measured in watts.

Product Offering

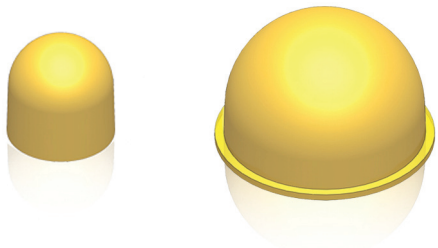
Ellipse

- Beam angle: 280°
- Lumen range: 200-800lm

Candle

- Beam angle: 255°
- Lumen range: 70-600lm

Dome



- Beam angle: 215°
- Lumen range: 70-600lm

Contour

- Beam angle: 300°
- Lumen range: 450-2600lm

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Please contact a sales representative for additional product details.
For more information contact **Sales@Intematix.com.**