



Borealis LED panel lighting has been designed to replace traditional power consuming fluorescent and incandescent lighting in standard drop ceiling and surface mount fixtures. A highly reflective diffusing lens produces a soft, consistent light to effectively illuminate surfaces and ensures uniform and optimal light distribution without glare or pixilation. Borealis LED panels significantly reduce energy consumption, and the fully interchangeable panels are easy to install and have no bulbs or ballasts to replace resulting in lower maintenance costs. The Borealis panels have no mercury, no hazardous gases and no disposal requirements, eliminating recycling costs associated with traditional tube lighting.



- Average LED lifespan up to 50,000 hours with lifelong color consistency vs. average fluorescent lifespan of 20,000 hours
- Environmentally friendly
 - No mercury or hazardous gases
 - No disposal requirements
- Energy Savings
 - Up to 90% less heat
 - Low Power Consumption
- Low Maintenance & Easy Installation – No bulbs or ballasts to replace
- Dimming Capacity – 0—10V dimmer
- Meets NEMA Codes
- UL File No. E346638 Light-emitting-diode Recessed Luminaires

Uses:

Office Lighting – Commercial Lighting
Warehouse Lighting – Retail Lighting
Home Lighting – Hotel Lighting
School Facility Lighting

Panel Dimensions	2 x 2 (595 x 595mm) – 1 x 4 (300 x 1200mm)
Wattage	49 Watts
Efficacy	Warm White 78 LPW – Cool White 85 LPW
CCT	3500°K Warm White – 5000°K Cool White
CRI	80+
Luminous Flux	Warm White 3840 lm – Cool White 4160 lm
Voltage	100 – 277V
Operating Temperature	- 20° C ~ +60° C / - 4° F ~ + 140° F
Power Factor	0.9
Options	Dimmable 0 – 10V
Installation	Standard Drop-Ceiling & Surface Mount
Energy Savings	Up to 60%
Mercury (Hg)	None
Ultra Violet Radiation (UV)	None

