



Energetic Lighting's E2BPL series is suitable for use in a broad range of commercial applications. Utilizing today's latest innovative LED solutions and technologies paired with world class manufacturing practices, the E2BPL provides customers an affordable LED back-lit panel offering with the perfect blend of design, performance, value and reliability. An extremely versatile product thanks to its low-profile design that is as shallow as many other higher priced edge-lit panels available today. As a result the E2BPL is well suited for installations with shallow plenum access. These panels extend use to a broad range of commercial and industrial applications. The E2BPL is a great choice for renovation opportunities replacing existing fluorescent luminaires or for new construction projects that require code compliant energy saving LED solutions. Ideally suited for office spaces, schools, retail, hospitality and healthcare applications, the E2BPL provides high quality illumination with optimal energy savings.

Features

- 2x4 configurations available for design flexibility.
- Acrylic over-optics with polymer diffusing lens creates an extremely uniform visual aesthetic and provides target uniform illumination.
- 125+ LPW provides 40-60% in energy savings vs. fluorescent
- Die-formed steel housing won't flex during installation.
- Integrated occupancy sensor and Emergency battery backup systems available.
- 88% lumen maintenance @ 60,000 hours – L88/60,000 (per IES TM21)
- Projected L70 @ 174,000 hours = maintenance free illumination (per IES TM21)

Applications

- Indoor, Industrial, and Commercial
- Office, Healthcare, and Educational
- Hospitality and Grocery
- Retail, and Hallways

Specification

Order Number	65299	65300	65301	65302
Model Number	E2BPL4-H36D-840	E2BPL4-H36D-850	E2BPL4-H40D-840	E2BPL4-H40D-850
Configuration	Fixed CCT/Watt	Fixed CCT/Watt	Fixed CCT/Watt	Fixed CCT/Watt
Body Color/Finish	White	White	White	White
Beam Angle	100°	100°	100°	100°
Lumen Output	5000 LM	5000 LM	4500 LM	4500 LM
Luminous Efficacy	125 LM/W	125 LM/W	125 LM/W	125 LM/W
Input Power	36W	36W	40W	40W
Input Voltage	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac
Power Factor	0.9	0.9	0.9	0.9
THD	<20%	<20%	<20%	<20%
Color Temp (CCT)	4000K	5000K	4000K	5000K
Color Rend (CRI)	82	82	82	82
Lifetime Rating	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	10 Years	10 Years	10 Years	10 Years
Dimmability	0-10v	0-10v	0-10v	0-10v
Operating Temp	-13 TO 113 Â°F	-13 TO 113 Â°F	-13 TO 113 Â°F	-13 TO 113 Â°F
Environment	Damp Locations	Damp Locations	Damp Locations	Damp Locations
DLC	DLC5.1-P	DLC5.1-P	DLC5.1-P	DLC5.1-P
Safety Cert	UL	UL	UL	UL

Weight

6 LBS

Dimensions and Packaging Info

Model Number	E2BPL4-H36D-840	E2BPL4-H36D-850	E2BPL4-H40D-840	E2BPL4-H40D-850
Item UPC	8 4594001195 8	8 4594001197 2	8 4594001198 9	8 4594001199 6
Case UPC				
Master Carton UPC				
Item(s) per pack	2 per pack	2 per pack	2 per pack	2 per pack
packs per case				
Case per Master				
Item weight				
Case weight				
Master Weight				
Item pack dimensions				
Case dimensions				
Master dimensions				