



Energetic Lighting's E1BPL 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 E1BPL 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 E1BPL is well suited for installations with shallow plenum access. The E1BPL 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 E1BPL provides high quality illumination with optimal energy savings.

Features

- 1x4, 2x2 and 2x4 configurations available for design flexibility
- All configurations are DLC Premium qualified = maximized rebates
- 126 to 131 LPW provides 40-60% in energy savings vs. fluorescent
- Acrylic over-optics w/ polymer diffusing lens creates an extremely uniform visual aesthetic and provides targeted uniform illumination
- Ultra low-profile design (1.375"H) ideal for shallow plenum installs
- Die-formed steel housing won't flex during installation
- Extruded aluminum lens frame with visually seamless corners
- Reduced weight design makes for easier installation (1x4 & 2x4 @ 4.9 lbs, 2x4 @ 8.8 lbs = as much as 50% less vs. edge-lit fixtures)
- Multiple KOs w/ easy access wiring box = reduced installation time
- Available in 3500K, 4000K & 5000K @ >80 CRI for design flexibility
- 120-277V, 347V drivers with 0-10V dimming standard
- 88.8% lumen maintenance @ 60,000 hours - L89/60,000 (per IES TM21)
- Projected L70 @ 178,000 hours = maintenance free illumination (per IES TM21)

Applications

- Indoor
- Industrial
- Commercial
- Office
- Educational
- Healthcare
- Retail
- Hospitality
- Grocery
- Hallway

Specification

Order Number	65077	65078	65079	65086	65087	65088	65104	65105	65106	65113	65114	65115
Model Number	E1BPL1-H30D-835	E1BPL1-H30D-840	E1BPL1-H30D-850	E1BPL2-H30D-835	E1BPL2-H30D-840	E1BPL2-H30D-850	E1BPL4-H36D-835	E1BPL4-H36D-840	E1BPL4-H36D-850	E1BPL4-H40D-835	E1BPL4-H40D-840	E1BPL4-H40D-850
Configuration	1x4	1x4	1x4	2x2	2x2	2x2	2x4	2x4	2x4	2x4	2x4	2x4
Body Color/Finish	White	White	White	White	White	White	White	White	White	White	White	White
Beam Angle	114°	114°	114°	113°	113°	113°	114°	114°	114°	114°	114°	114°
Lumen Output	3689 LM	3736 LM	3830 LM	3697 LM	3741 LM	3830 LM	4543 LM	4588 LM	4679 LM	4941 LM	4993 LM	5097 LM
Luminous Efficacy	125.86 LM/W	127.47 LM/W	129.17 LM/W	126.35 LM/W	127.85 LM/W	129.7 LM/W	127.76 LM/W	129.02 LM/W	130.92 LM/W	126.76 LM/W	128.09 LM/W	130.89 LM/W
Input Power	29.31 W	29.31 W	29.65 W	29.26 W	29.26 W	29.53 W	35.56 W	35.56 W	35.74 W	38.98 W	38.98 W	38.94 W
Input Voltage	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac	120-347 Vac
Power Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.92	0.92	0.92
THD	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12
Color Temp (CCT)	3500 K	4000 K	5000 K	3500 K	4000 K	5000 K	3500 K	4000 K	5000 K	3500 K	4000 K	5000 K
Color Rend (CRI)	82.9	83	83.1	82.6	82.8	83.2	82.8	83	83.4	82.5	82.5	82.5
Lifetime Rating	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years
Dimmability	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v	0-10v
Operating Temp	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)	-3 to 104 (Å°F)
Environment	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations	Damp Locations
DLC	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P
Safety Cert	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
Weight	4.9 LBS	4.9 LBS	4.9 LBS	4.9 LBS	4.9 LBS	4.9 LBS	8.8 LBS	8.8 LBS	8.8 LBS	8.8 LBS	8.8 LBS	8.8 LBS
Dimensions	47.8x11.9x2 (in)	47.8x11.9x2 (in)	47.8x11.9x2 (in)	23.8x23.8x2 (in)	23.8x23.8x2 (in)	23.8x23.8x2 (in)	47.8x23.8x2 (in)	47.8x23.8x2 (in)	47.8x23.8x2 (in)	47.8x23.8x2 (in)	47.8x23.8x2 (in)	47.8x23.8x2 (in)

Dimensions and Packaging Info

Model Number	E1BPL1-H30D-835	E1BPL1-H30D-840	E1BPL1-H30D-850	E1BPL2-H30D-835	E1BPL2-H30D-840	E1BPL2-H30D-850	E1BPL4-H36D-835	E1BPL4-H36D-840	E1BPL4-H36D-850	E1BPL4-H40D-835	E1BPL4-H40D-840	E1BPL4-H40D-850
Item UPC	845940008958	845940008965	845940008972	845940008989	845940008996	845940009009	845940009054	845940009061	845940009078			
Case UPC												
Master Carton UPC												
Item(s) per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack	2 per pack
packs per case												
Case per Master												
Item weight	13 LBS	13 LBS	13 LBS	12.2 LBS	12.2 LBS	12.2 LBS	22.2 LBS	22.2 LBS	22.2 LBS	22.2 LBS	22.2 LBS	22.2 LBS
Case weight												
Master Weight												
Item pack dimensions (in)	50.75x14.63x4.13 (in)	50.75x14.63x4.13 (in)	50.75x14.63x4.13 (in)	26.38x26.38x4.01½ (in)	26.38x26.38x4.01½ (in)	26.38x26.38x4.01½ (in)	50.5x26x4.125 (in)	50.5x26x4.125 (in)	50.5x26x4.125 (in)	50.5x26x4.125 (in)	50.5x26x4.125 (in)	50.5x26x4.125 (in)
Case dimensions												
Master dimensions												