

## LED Lamps

### ProLED Plug In Series

- Hybrid (Type A + Type B) Options Available
- Omni-Directional Light Distribution on Multiple Skus
- Color Selectable 3000K-3500K-4000K Models
- DLC 5.1 Options



### Specifications

#### Description

Halco's LED plug in family offers a full line of products to meet the needs of any application. Halco's plug in line offers color selectable hybrid, high lumen output (vertical or horizontal), and omni-directional options that are available in a variety of color temperatures and lumen output ranges. These efficient, versatile, and long lasting LED plug in lamps are the perfect replacement option for fluorescent double or triple biax products.

#### Construction

- White plastic housing
- Frosted plastic lens
- 150° and 270° degree rotatable housing on horizontal models

#### Certifications

- UL listed and UL Classified (SKU dependant)
- UL damp location rated
- DLC 5.1 standard
- IP20
- NSF
- FCC
- RoHS

#### Performance

- 3000K, 3500K, 4000K, and 5000K options available
- Efficacy: 112-139 lumens per watt
- Dimmable options available
- Omni-directional SKUs available for 360° degree beam angle
- L70: 50,000 Hours
- 5 Year warranty
- G24q 4-pin and G24d 2-pin bases
- Operating temperature: -20C to 45C

#### Applications

- Commercial
- Retail
- Hospitality
- Office
- Medical

## ProLED Plug In Series

### Ordering Logic

Shape/Wattage/Direction		CRI/CCT	Type	Pins	Technology	Dimmable
9 = 9 Watts 9 = 8.5 Watts 10 = 9.5 Watts  O = Omni V = Vertical H = Horizontal  9 = 9 Watts 9 = 8.5 Watts 10 = 9.5 Watts		8 = ≥ 82  35 = 3500K 40 = 4000K 50 = 5000K  CS = Color Selectable 3000K-3500K-4000K	HYBE = Hybrid Type A (Electronic Ballast Compatible) & Type B (Ballast Bypass)  HYBM = Hybrid Type A (Magnetic Ballast Compatible) & Type B (Ballast Bypass)  BCO = Ballast Compatible BYP = Ballast Bypass	2P = 2 PIN (Compatible with G24d Bases)  4P = 4 PIN (Compatible with G24q Bases)	LED	Blank = Non-Dimmable D = Dimmable

### Ordering Information

Product SKU	Product Code	Product Description
82144	PL100-835-HYBE-4P-LED-D	9.5 WATT OMNI DIRECTIONAL LED 4-PIN PLUG IN 3500K HYBRID -TYPE A ELECTRONIC BALLAST + TYPE B, DIMMABLE (TYPE A ONLY)
82145	PL100-840-HYBE-4P-LED-D	9.5 WATT OMNI DIRECTIONAL LED 4-PIN PLUG IN 4000K HYBRID -TYPE A ELECTRONIC BALLAST + TYPE B, DIMMABLE (TYPE A ONLY)
82146	PL100-850-HYBE-4P-LED-D	9.5 WATT OMNI DIRECTIONAL LED 4-PIN PLUG IN 5000K HYBRID -TYPE A ELECTRONIC BALLAST + TYPE B, DIMMABLE (TYPE A ONLY)
82147	PL90-835-HYBM-2P-LED	9 WATT OMNI DIRECTIONAL LED 2-PIN PLUG IN 3500K HYBRID -TYPE A MAGNETIC BALLAST + TYPE B, NON-DIMMABLE
82148	PL90-840-HYBM-2P-LED	9 WATT OMNI DIRECTIONAL LED 2-PIN PLUG IN 4000K HYBRID -TYPE A MAGNETIC BALLAST + TYPE B, NON-DIMMABLE
82149	PL90-850-HYBM-2P-LED	9 WATT OMNI DIRECTIONAL LED 2-PIN PLUG IN 5000K HYBRID -TYPE A MAGNETIC BALLAST + TYPE B, NON-DIMMABLE
82162	PL9H-8CS-HYBM-2P-LED	8.5 WATT HORIZONTAL LED 2-PIN PLUG IN CCT SELECTABLE 3000K-3500K-4000K HYBRID -TYPE A MAGNETIC BALLAST + TYPE B, NON-DIMMABLE
82163	PL9V-8CS-HYBM-2P-LED	8.5 WATT VERTICAL LED 2-PIN PLUG IN CCT SELECTABLE 3000K-3500K-4000K HYBRID -TYPE A MAGNETIC BALLAST + TYPE B, NON-DIMMABLE
*82150	PLT15H-835-BCO-4P-LED-D	14.5 HORIZONTAL LED 4-PIN PLUG IN 3500K BALLAST COMPATIBLE TYPE A DIMMABLE
*82151	PLT15H-840-BCO-4P-LED-D	14.5 HORIZONTAL LED 4-PIN PLUG IN 4000K BALLAST COMPATIBLE TYPE A DIMMABLE
*82152	PLT15H-850-BCO-4P-LED-D	14.5 HORIZONTAL LED 4-PIN PLUG IN 5000K BALLAST COMPATIBLE TYPE A DIMMABLE
*82153	PLT17V-835-BCO-4P-LED-D	17 VERTICAL LED 4-PIN PLUG IN 3500K BALLAST COMPATIBLE TYPE A DIMMABLE
*82154	PLT17V-840-BCO-4P-LED-D	17 VERTICAL LED 4-PIN PLUG IN 4000K BALLAST COMPATIBLE TYPE A DIMMABLE
*82155	PLT17V-850-BCO-4P-LED-D	17 VERTICAL LED 4-PIN PLUG IN 5000K BALLAST COMPATIBLE TYPE A DIMMABLE
*82156	PLT16H-835-BYP-2P-LED	15.5 HORIZONTAL LED 2-PIN PLUG IN 3500K BALLAST BYPASS TYPE B NON-DIMMABLE
*82157	PLT16H-840-BYP-2P-LED	15.5 HORIZONTAL LED 2-PIN PLUG IN 4000K BALLAST BYPASS TYPE B NON-DIMMABLE
*82158	PLT16H-850-BYP-2P-LED	15.5 HORIZONTAL LED 2-PIN PLUG IN 5000K BALLAST BYPASS TYPE B NON-DIMMABLE
*82159	PLT17V-835-BYP-2P-LED	16.5 VERTICAL LED 2-PIN PLUG IN 3500K BALLAST BYPASS TYPE B NON-DIMMABLE
*82160	PLT17V-840-BYP-2P-LED	16.5 VERTICAL LED 2-PIN PLUG IN 4000K BALLAST BYPASS TYPE B NON-DIMMABLE
*82161	PLT17V-850-BYP-2P-LED	16.5 VERTICAL LED 2-PIN PLUG IN 5000K BALLAST BYPASS TYPE B NON-DIMMABLE

\*Coming Soon.

## ProLED Plug In Series

### Performance Table

SKU	Product Code	Wattage	3000K		3500K		4000K		5000K	
			Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)
82144	PL100-835-HYBE-4P-LED-D	9.5W			1250	132				
82145	PL100-840-HYBE-4P-LED-D	9.5W					1250	132		
82146	PL100-850-HYBE-4P-LED-D	9.5W							1250	132
82147	PL90-835-HYBM-2P-LED	9W			1250	139				
82148	PL90-840-HYBM-2P-LED	9W					1250	139		
82149	PL90-850-HYBM-2P-LED	9W							1250	139
82162	PL9H-8CS-HYBM-2P-LED	8.5W	960	113	1020	120	1050	124		
82163	PL9V-8CS-HYBM-2P-LED	8.5W	1100	129	1120	132	1150	135		
82150	PLT15H-835-BCO-4P-LED-D	14.5W			1800	124				
82151	PLT15H-840-BCO-4P-LED-D	14.5W					1800	124		
82152	PLT15H-850-BCO-4P-LED-D	14.5W							1800	124
82153	PLT17V-835-BCO-4P-LED-D	17W			1900	112				
82154	PLT17V-840-BCO-4P-LED-D	17W					1950	115		
82155	PLT17V-850-BCO-4P-LED-D	17W							2000	118
82156	PLT16H-835-BYP-2P-LED	15.5W			1800	116				
82157	PLT16H-840-BYP-2P-LED	15.5W					1800	116		
82158	PLT16H-850-BYP-2P-LED	15.5W							1800	116
82159	PLT17V-835-BYP-2P-LED	16.5W			1850	112				
82160	PLT17V-840-BYP-2P-LED	16.5W					1850	112		
82161	PLT17V-850-BYP-2P-LED	16.5W							1850	112

\*Efficacy is based on base wattage and does not take into account any energy consumption from a ballast in Type A (BCO) applications

# ProLED Plug In Series

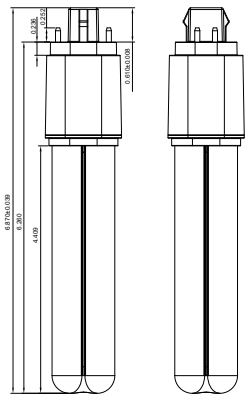
## Specification Table

SKU	Voltage	Amperage	Power Factor	CCT (Kelvin)	L70 Life-time (Hrs)	CRI	Dimming	Min Temp	Max Temp	Housing	Lens	Warranty	Certifications	
82144	120-277 VAC	0.0325 - 0.075	0.9	3500	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5	UL, UL DAMP LOCATION RATED, IP20, ROHS	
82145	120-277 VAC	0.0325 - 0.075	0.9	4000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82146	120-277 VAC	0.0325 - 0.075	0.9	5000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82147	120-277 VAC	0.0325 - 0.075	0.9	3500	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82148	120-277 VAC	0.0325 - 0.075	0.9	4000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82149	120-277 VAC	0.0325 - 0.075	0.9	5000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82162	120-277 VAC	0.0306 - 0.0708	0.9	3000/3500/4000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82163	120-277 VAC	0.0306 - 0.0708	0.9	3000/3500/4000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82150	120-277 VAC	0.052 - 0.121	0.9	3500	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82151	120-277 VAC	0.052 - 0.121	0.9	4000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82152	120-277 VAC	0.052 - 0.121	0.9	5000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82153	120-277 VAC	0.061 - 0.125	0.9	3500	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		UL, UL DAMP LOCATION RATED, IP20, ROHS, DLC 5.1
82154	120-277 VAC	0.061 - 0.125	0.9	4000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82155	120-277 VAC	0.061 - 0.125	0.9	5000	50,000	≥80	Yes Type A Mode	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82156	120-277 VAC	0.056 - 0.130	0.9	3500	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5	UL, UL DAMP LOCATION RATED, IP20, ROHS	
82157	120-277 VAC	0.056 - 0.130	0.9	4000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82158	120-277 VAC	0.056 - 0.130	0.9	5000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82159	120-277 VAC	0.060 - 0.140	0.9	3500	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82160	120-277 VAC	0.060 - 0.140	0.9	4000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		
82161	120-277 VAC	0.060 - 0.140	0.9	5000	50,000	≥80	NO	-20 C	45 C	Polycarbonate and Aluminum	Frosted	5		

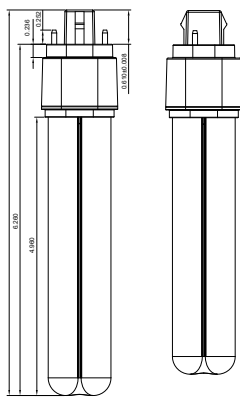
## ProLED Plug In Series

### Dimensions

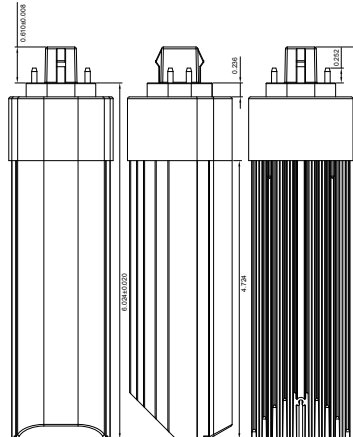
82144, 82145, 82146



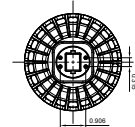
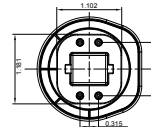
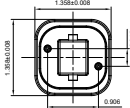
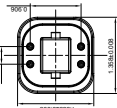
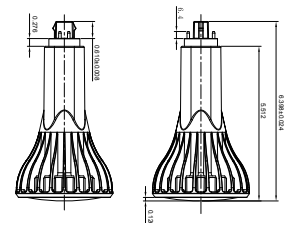
82147, 82148, 82149



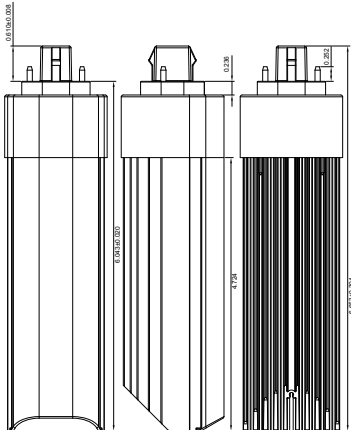
82150, 82151, 82152



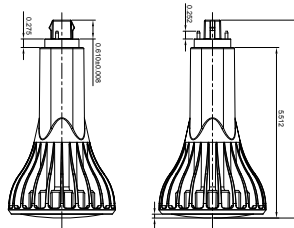
82153, 82154, 82155



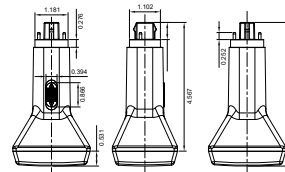
82156, 82157, 82158



82159



82162



82163

