



Borealis LED Street Lighting is the environmentally friendly, energy savings replacement solution for conventional HPS or HID street lamps. Borealis LED Lighting provides a sharp, accurate color rendering of objects which creates better visibility enhancing safety outdoors. By providing more control over what is illuminated, Borealis reduces light pollution making it ideal for public lighting. Borealis lighting features an instant “on” with no cold starting as compared to HPS lights, and is better equipped to withstand extreme temperature variations, reducing maintenance and bulb replacement. Motion sensors and lighting controls can also be used with Borealis to further reduce operating costs.

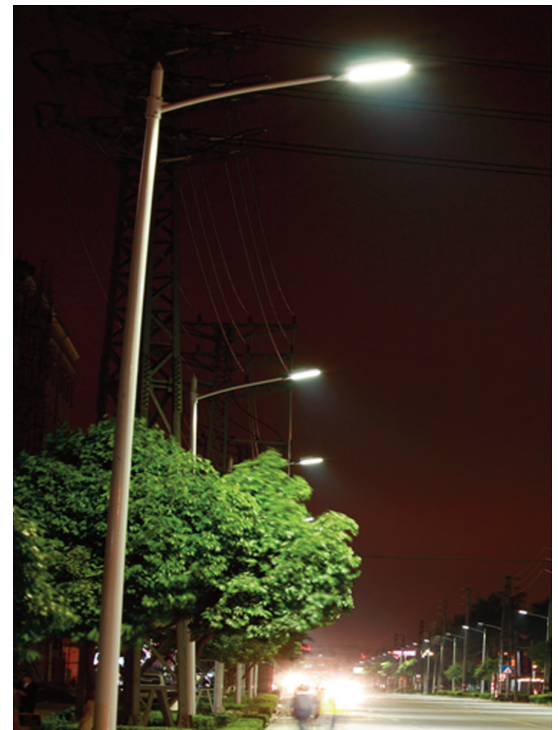
Specifications

- Efficacy: >80 LPW
- Power Consumption: 60W – 270W
- Initial Flux: 5400 lm – 22800 lm
- CCT: 4500°K – 5500°K - Pure White
6000°K – 7000°K - Cool White
- CRI: Ra>75
- Power factor: >0.99
- Input voltage: 100 – 277V_{AC}, 50/60 Hz*
- Working Conditions: 50,000 hrs
Temperature -40°F~122°F, Humidity 10%~95%

Features

- 150W–400W HPS replacement*
- Typical mounting height of 15–50 feet*
- Patented heat dissipation design, achieves optimum efficiency
- UL E340511 - Light-emitting-diode Surface Mounted Luminaires
- IP rating: IP66 - water and vapor tight
- Lab listed and testing in accordance with IES standards CE/LVD, CE/EMC, RoHS
- Knuckle angle can be adjusted from 0 to 90°
- Die-cast Aluminum housing available in black or white. Custom built colors available
- Wireless control system available for additional energy saving
- Models available with photosensor
- Vandal resistant
- 5 year warranty

* Depending on model



LED STREET LIGHTING

Part No.	Number of LEDs	Power Consumption	Initial Flux (Lumens)	Item Dimensions (inches) W x D x H	Packing Dimensions (inches) W x D x H	Weight lbs.	Gross Weight lbs.
PBRL2P028A	28	60W	5400 lm	21.81 x 13.62 x 4.01	25.11 x 17.32 x 7.87	13.50	19.51
PBRL2P042A	42	90W	8000 lm	24.25 x 13.62 x 4.01	27.55 x 17.32 x 7.87	14.79	20.19
PBRL2P056A	56	120W	10000 lm	26.69 x 13.62 x 4.01	30.00 x 17.32 x 7.87	15.94	23.14
PBRL2P070A	70	150W	13000 lm	29.13 x 13.62 x 4.01	32.44 x 17.32 x 7.87	17.43	24.80
PBRL2P084A	84	180W	15300 lm	31.57 x 13.62 x 4.01	34.88 x 17.32 x 7.87	18.85	28.21
PBRL2P098A	98	210W	17800 lm	34.01 x 13.62 x 4.01	37.32 x 17.32 x 7.87	24.69	29.87
PBRL2P112A	112	240W	20300 lm	36.45 x 13.62 x 4.01	39.76 x 17.32 x 7.87	26.00	31.79
PBRL2P126A	126	270W	22800 lm	38.89 x 13.62 x 4.01	42.20 x 17.32 x 7.87	27.33	33.73



BOREALISSM
INNOVATIVE LED LIGHTING

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