

BXRAAB

Traditional Post-Top LED Upgrade Kit for Holophane® Washington PostLite® Acorn

Product Description

Seamlessly transform existing Acorn luminaires using traditional light sources into more energy-efficient, lower maintenance luminaires with improved optical control and target efficacy. Each Upgrade Kit is optimized for a particular style of luminaire for a beautiful nightscape appearance with improved target efficacy and easy installation using most of the existing luminaire for little waste and consistent day-form appearance.

Performance Summary

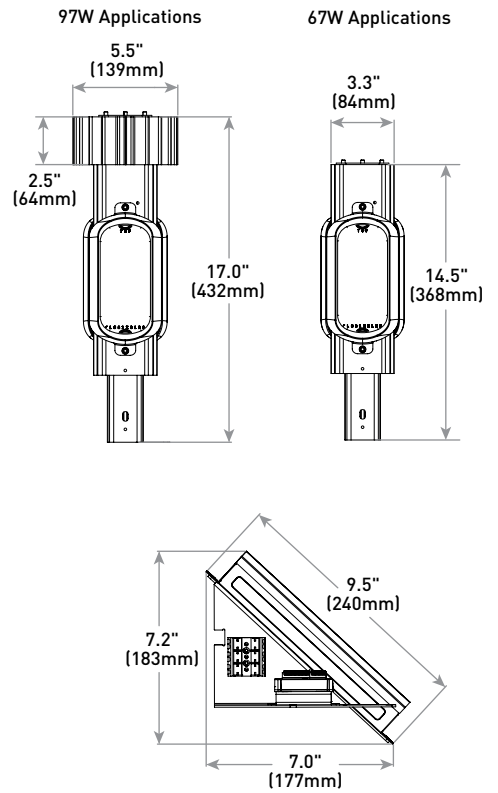
Made in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI

CCT: 2700K (+/- 300K), 4000K (+/- 300K)

Limited Warranty*: 10 years on LED upgrade kit

* See <http://lighting.cree.com/warranty> for warranty terms



Ordering Information

Example: BXRAAB53-UX7

BXRA	A	B	5	3	-				
Product	Version	Style	Optic	# of Sides	-	Voltage	Input Power Designator	Color Temperature	Options
BXRA	A	B Holophane® Washington PostLite® compatible	5 Symmetric	3	-	U Universal 120-277V V Universal 347-480V	D 67W X 97W*	1 2700K Color Temperature - Color temperature per luminaire 7 4000K Color Temperature - Color temperature per luminaire	Y 0-10V Dimming - Control by others - Refer to Dimming spec sheet for details - Can't exceed specified input current

* Not available with V voltage



US: lighting.cree.com

T (800) 236-6800 F (262) 504-5415

Rev. Date: V2 10/04/2018

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

Traditional Post-Top LED Upgrade Kit for Holophane® Washington PostLite® Acorn

Product Specifications

CONSTRUCTION & MATERIALS

- Clear anodized extruded aluminum heat sink
- Custom-designed assembly for easy installation and optimized thermal performance
- Re-uses most of the existing luminaire for little waste

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V 50/60Hz, Class 1 driver
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 10kV surge suppression protection standard
- Field adjustable output is standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Optional 0-10V dimming. Control by others

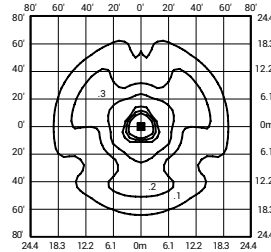
REGULATORY & VOLUNTARY QUALIFICATIONS

- This product is UL Classified for U.S. and Canada for use with the Holophane® Washington PostLite® Series Decorative Streetlight with glass lens
- Compatible with luminaires without permanent internal baffles or reflectors
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets Buy American requirements within ARRA
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Photometry

All published photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory.

Photometry applies to upgrade kit only.



Acorn Retrofit Light Engine
Mounting Height: 20' (6.1m) A.F.G.
Initial Delivered Lumens: 5,351
 Initial FC at grade

Electrical Data*							
Input Power Designator	System Watts 120-480V	Total Current (A)					
		120V	208V	240V	277V	347V	480V
D	67	0.56	0.32	0.28	0.24	0.19	0.14
X	97	0.81	0.47	0.41	0.35	N/A	N/A

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

Symmetric Distribution		
Input Power Designator	2700K	4000K
	Initial Delivered Lumens*	Initial Delivered Lumens*
D	3,800	5,351
X	4,544	6,400

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens