HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

Catalog Number	
Notes	Type

JFUE3

Utility Jefferson Postop LED

SPECIFICATIONS

General Description

The decorative post top lantern is ideal for lighting city streets, residential areas, campuses, parking lots, and walkways. The architectural luminaire consists of a luminaire housing, a prismatic optic, and a decorative cover.

Optical Assembly

The optical assembly consists of a prismatic glass or acrylic refractor to precisely distribute light with excellent visual comfort and reduced glare. Configurable with CCT options of 2700K, 3000K, and 4000K. CRI is 70 minimum. Available in symmetric or asymmetric.

Electrical Assembly

The cast aluminum electrical housing allows tool-less access with a spring loaded latch. The hidden hinge allows the door to swing open and remain open for easy access. A (3) station terminal block is provided to accept #14 through #2 size wire. The programmable LED driver includes 0-10V dimming with optional DALI dimming. Driver is available in 120-277V, 347-480V, and 277V-480V options (50/60 Hz). Driver life is rated to at least 100,000 hours. The 277V-480V (XVOLT) option includes enhanced power quality protection for maximum robustness against loss of neutral, voltage transients, harmonic disturbances, and other real-world power quality disturbances.

Finish

The luminaire housing and decorative cover are low copper die cast aluminum and finished with corrosion resistant super durable powder coat paint for maximum durability. Rigorous multi-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5,000 hours exposure to salt fog chamber (operated per ASTM B117)

Mounting

Luminaire includes an integral slipfitter that accepts a 3" tall by Ø2-7/8" - 3-1/8" O.D. tenon. Secured to the tenon by 6 set screws

Control Options

Optional controls include:

- Field adjustable output (AO) module for manual adjustment of lumen output of the luminaire
- Industry standard 7-pin NEMA photocontrols, optionally mounted inside the utility housing or externally in place of the finial
- "nLight AIR enabled" for connection to nLight AIR wireless control networks via internally mounted antenna (NLTAIR2) or via motion-sensing photocontrol (RSBOR6)
- DALI compatible drivers. Contact factory for details.
- Customization of lumen packages is possible. Consult factory for details.

Listing

The luminaure is CSA certified to US and Canadian standards.
20kV/10kA extreme surge protection per ANSI/IEEE C136.2.
Suitable for operation in ambient temperatures from -40°C to 40°C.
Optical chamber is sealed to IP66.
DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Government Procurement

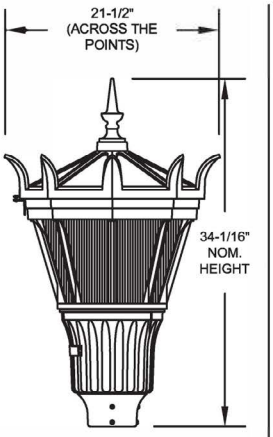
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Warranty

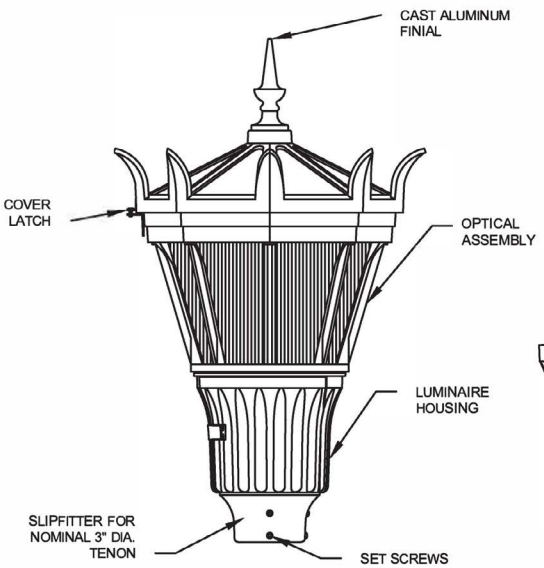
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

DIMENSIONAL DATA



Maximum Weight 47 lbs
Maximum Effective Projected Area:
1.5 sq. ft.



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ORDERING INFORMATION

Example: JFUE3 P30 30K MVOLT GL3 BK SK PR7

Housing Style	LED Performance Package	Color Temperature	Voltage	Optics	Color	Finial
JFUE3 Utility Jefferson LED Post Top	P10 30W nominal P20 40W nominal P30 50W nominal P40 60W nominal P50 70W nominal P60 80W nominal P70 90W nominal P80 100W nominal	27K 2700K CCT 30K 3000K CCT 40K 4000K CCT	MVOLT 120-277V HVOLT 347-480V XVOLT 277-480V with enhanced power quality protection	Acrylic Refractor AL3 Acrylic refractor type 3 AL5 Acrylic refractor type 5 Glass Refractor GL3 Glass refractor type 3 GL5 Glass refractor type 5	BK Black BZ Bronze CMC Custom matched color GH Graphite GN Green GR Grey RALxxxxSDCR RAL Super Durable Corrosion Resistant, 80% Gloss Paint, replace xxxx with RAL number. WH White	BL Ball SK Spike NF None

Options

Control Options:

A0	Field adjustable output
RSBOR6	nLight Air motion sensing photocontrol
NLTAIR2	nLight AIR rIO 2.0 antenna
PR7	7-pin NEMA twistlock receptacle, internally mounted
PR7E	7-pin NEMA twistlock receptacle, replaces finial
P34	Long Life DTL Twistlock Photocontrol for Solid State, 347V
P48	Long Life DTL Twistlock Photocontrol for Solid State, 480V
PCLL	Long Life DTL Twistlock Photocontrol for Solid State, MVOLT
SH	Shorting cap
DALI	DALI driver (RFD Required)

NEMA Label Options:

NL1x1	1"x1" ANSI wattage label
NL2x2	2"x2" ANSI wattage label

Prewire Lead Options:

L1H	1.5' of prewire leads
L03	3' of prewire leads
L10	10' of prewire leads
L20	20' of prewire leads
L25	25' of prewire leads
L30	30' of prewire leads

Accessories: *Order as separate catalog number.*

House Side Shield Field Installed Options:

PHSS90	House side shield solid 90 degree
PHSS120	House side shield solid 120 degree
PHSS180	House side shield solid 180 degree

Surge Replacement Field Installed Options:

SPDPLUGIN-MVOLT-20KV	Replacement for 120-277V 20KV/ 10KA
SPDPLUGIN-HVOLT-20KV	Replacement for 347-480V 20KV/ 10KA

MARK APPROPRIATE BOX FOR FINIAL OPTION

FINIALS

☐ No Finial (NF) ☐ Ball (BL) ☐ Spike (SK)

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PERFORMANCE DATA

Performance Package	System Watts	Optical Distribution	27K (2700K, 70 CRI)		30K (3000K, 70 CRI)		40K (4000K, 70 CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
P10	31	GL3	3,052	98	3,334	107	3,408	110
		GL5	3,012	97	3,291	106	3,364	108
		AL3	3,224	104	3,522	113	3,600	116
		AL5	3,088	99	3,373	108	3,448	111
P20	40	GL3	4,015	99	4,386	108	4,484	111
		GL5	3,963	98	4,329	107	4,425	109
		AL3	4,241	105	4,633	114	4,736	117
		AL5	4,062	100	4,437	110	4,536	112
P30	51	GL3	4,938	98	5,394	107	5,515	109
		GL5	4,874	96	5,324	105	5,443	108
		AL3	5,216	103	5,697	113	5,825	115
		AL5	4,996	99	5,457	108	5,579	110
P40	59	GL3	5,952	100	6,501	110	6,646	112
		GL5	5,874	99	6,416	108	6,559	111
		AL3	6,286	106	6,867	116	7,020	118
		AL5	6,021	102	6,577	111	6,724	113
P50	70	GL3	6,844	98	7,476	107	7,642	110
		GL5	6,755	97	7,378	106	7,543	108
		AL3	7,229	104	7,896	113	8,072	116
		AL5	6,924	99	7,563	108	7,732	111
P60	80	GL3	7,621	96	8,325	105	8,511	107
		GL5	7,522	95	8,216	103	8,400	106
		AL3	8,050	101	8,793	110	8,989	113
		AL5	7,711	97	8,422	106	8,610	108
P70	90	GL3	8,417	93	9,193	102	9,399	104
		GL5	8,307	92	9,074	101	9,276	103
		AL3	8,890	99	9,711	108	9,927	110
		AL5	8,515	95	9,301	103	9,509	106
P80	100	GL3	9,078	91	9,915	99	10,137	101
		GL5	8,959	89	9,786	98	10,005	100
		AL3	9,588	96	10,473	105	10,707	107
		AL5	9,184	92	10,031	100	10,256	102

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OPTIONS MATRIX

		Voltage			Optic				Finial			Control				Photocontrol Receptacle		Photocontrol			
		MVOLT	HVOLT	XVOLT	GL3	GL5	AL3	AL5	BL	SK	NF	AO	DALI	RSBOR6	NLTAIR2	PR7	PR7E	PCLL	P34	P48	SH
Performance Package	P10	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P20	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	P80	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
Voltage	MVOLT				Y	Y	Y	Y	Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	N	N	Y
	HVOLT				Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y
	XVOLT				Y	Y	N	N	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y
Optic	GL3	Y	Y	Y					Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	GL5	Y	Y	Y					Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	AL3	Y	Y	N					Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
	AL5	Y	Y	N					Y	Y	Y	Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
Finial	BL	Y	Y	Y	Y	Y	Y	Y				Y	RFD	Y	Y	Y	N	Y	Y	Y	Y
	SK	Y	Y	Y	Y	Y	Y	Y				Y	RFD	Y	Y	Y	N	Y	Y	Y	Y
	NF	Y	Y	Y	Y	Y	Y	Y				Y	RFD	Y	Y	Y	Y	Y	Y	Y	Y
Control	AO	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					Y	Y	Y	Y	Y	Y
	DALI	RFD	N	N	RFD	RFD	RFD	RFD	RFD	RFD	RFD					RFD	RFD	RFD	RFD	RFD	RFD
	RSBOR6	Y	Y	N	Y	Y	Y	Y	Y	Y	Y					N	N	N	N	N	N
	NLTAIR2	Y	Y	N	Y	Y	Y	Y	Y	Y	Y					N	N	N	N	N	N
Photocontrol Receptacle	PR7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	N	N			Y	Y	Y	Y
	PR7E	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	RFD	N	N			Y	Y	Y	Y
Photocontrol	PCLL	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	N	N	Y	Y				
	P34	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	N	N	Y	Y				
	P48	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	N	N	Y	Y				
	SH	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	RFD	N	N	Y	Y				

OPTIONS MATRIX Legend
Y = Option combination is available
N = Option combination is not available
RFD = Additional information required, consult factory

Lumen Ambient Temperature (LAT) Multipliers
Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Average Lumen Ambient Temperature (LAT) Multipliers		
Temperature °C	Temperature °F	Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.03
10°C	50°F	1.02
15°C	59°F	1.01
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.98

Projected LED Lumen Maintenance
Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 9,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

LED Lumen Maintenance							
Performance Package	Initial	25,000 hours	36,000 hours	50,000 hours	*60,000 hours*	*75,000 hours*	*100,000 hours*
P10 thru P70	1.00	0.95	0.94	0.91	*0.90*	*0.88*	*0.84*
P80	1.00	0.94	0.91	0.89	*0.86*	*0.83*	*0.79*

The italicized data is extrapolated beyond the TM-21 standard.

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The Rapid Ship Pole and Luminaire program provides quick solutions for urgent needs.

The most popular and readily available are available for those urgent projects. Select from the following options to get up to 20 units shipped in 20 working days or less!

ORDERING INFORMATION

Example: JFUE3 P30 30K MVOLT GL3 BK SK PR7

Series	LED Performance Package	LED Color Temperature	Voltage	Optics	Housing Colors	Finial
JFUE3 Utility Jefferson LED Post Top	P10 30W nominal P20 40W nominal P30 50W nominal P40 60W nominal P50 70W nominal P60 80W nominal P70 90W nominal P80 100W nominal	27K 2700K CCT 30K 3000K CCT 40K 4000K CCT	MVOLT Auto-Sensing 120-277V 56/60 HZ HVOLT Auto-Sensing 347-480V 56/60 HZ	GL3 Glass, Type III GL5 Glass, Type V	BK Black BZ Bronze GH Graphite GN Green GR Grey WH White	BL Ball SK Spike NF None

Options

Control Options:

A0	Field Adjustable Output
PR7	NEMA twistlock dimming photocontrol receptacle - 7 pin
PR7E	NEMA twistlock dimming photocontrol receptacle - 7 Pin (Under Glass)
PCLL	Long Life DTL Twistlock Photocontrol for Solid State, MVOLT
SH	Shorting Cap

Prewire Lead Options:

L1H	1.5 ft prewired leads
L03	3 ft prewired leads
L10	10 ft prewired leads
L20	20 ft prewired leads

NEMA Label Options:

NL1X1	1"X1" ANSI Wattage Label
NL 2x2	2"X2" ANSI Wattage Label

Accessories: *Order as separate catalog number.*

House Side Shield Options:

PHSS90	House Side Shield solid 90º
PHSS12	House Side Shield solid 120º
PHSS18	House Side Shield solid 180º

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