

## Finia™ LED Outdoor Lighting, Generation 2

A complete family of fixtures covering  
the parking lot to the building entrance



## Finia™ LED Generation 2 Luminaires



### Wall Mounted

p. 12-13



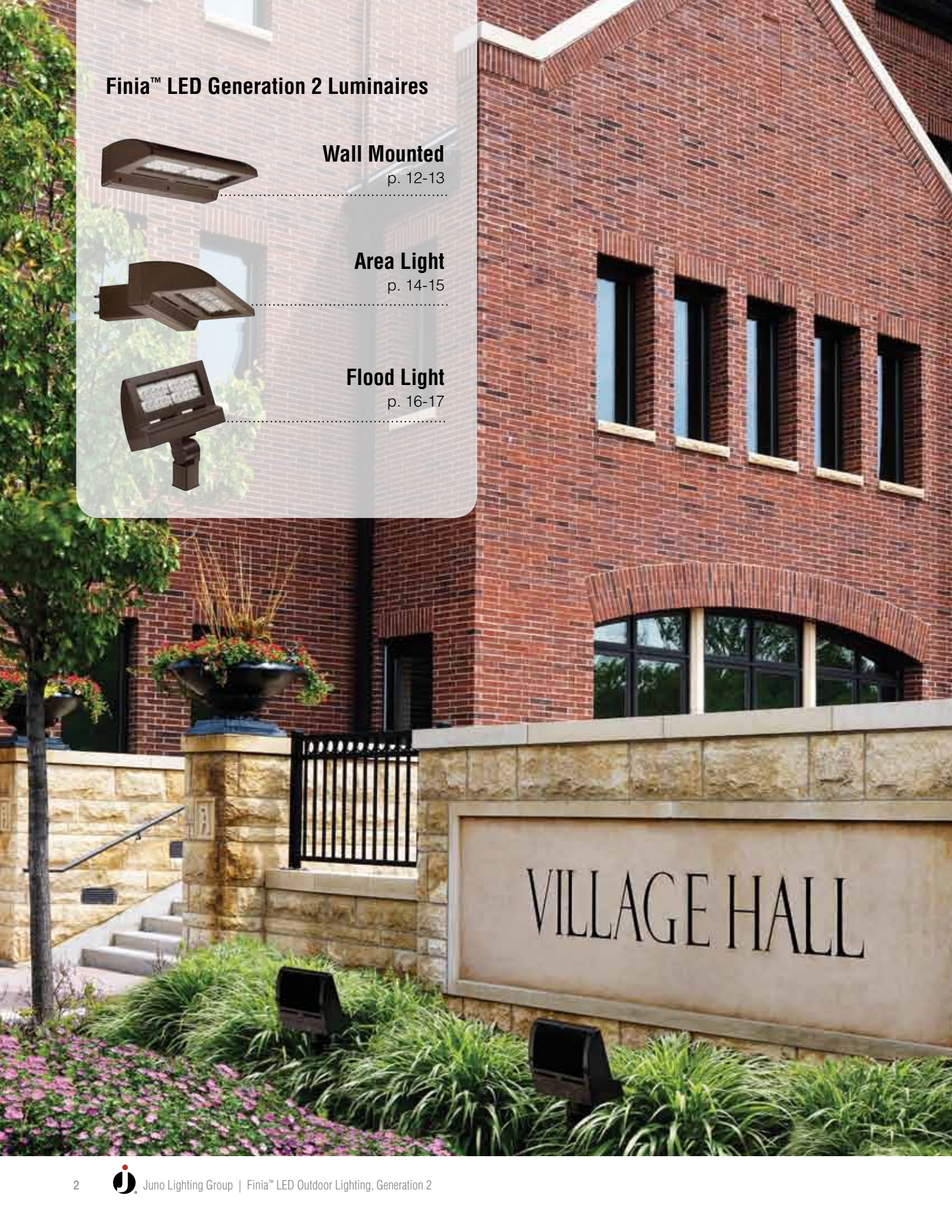
### Area Light

p. 14-15



### Flood Light

p. 16-17



# Finia™ LED Outdoor Lighting, Generation 2

With a stunning design that does not eclipse but rather complements a site's architecture, the Finia LED family of outdoor luminaires offers a complete lighting solution from the parking lot to the building entrance. Pole mounted, flood, and building mounted luminaires all share common contours and a robust light engine that excels in the toughest environments.

The common family shape of the Finia LED luminaires allows designers to create a complete outdoor lighting solution that has a consistent look throughout. But more importantly, thanks to the LED only design, Finia LED wall mounts, area lights and flood lights are small (roughly half the size of a comparable HID fixture) and they blend with the background virtually disappearing from view.

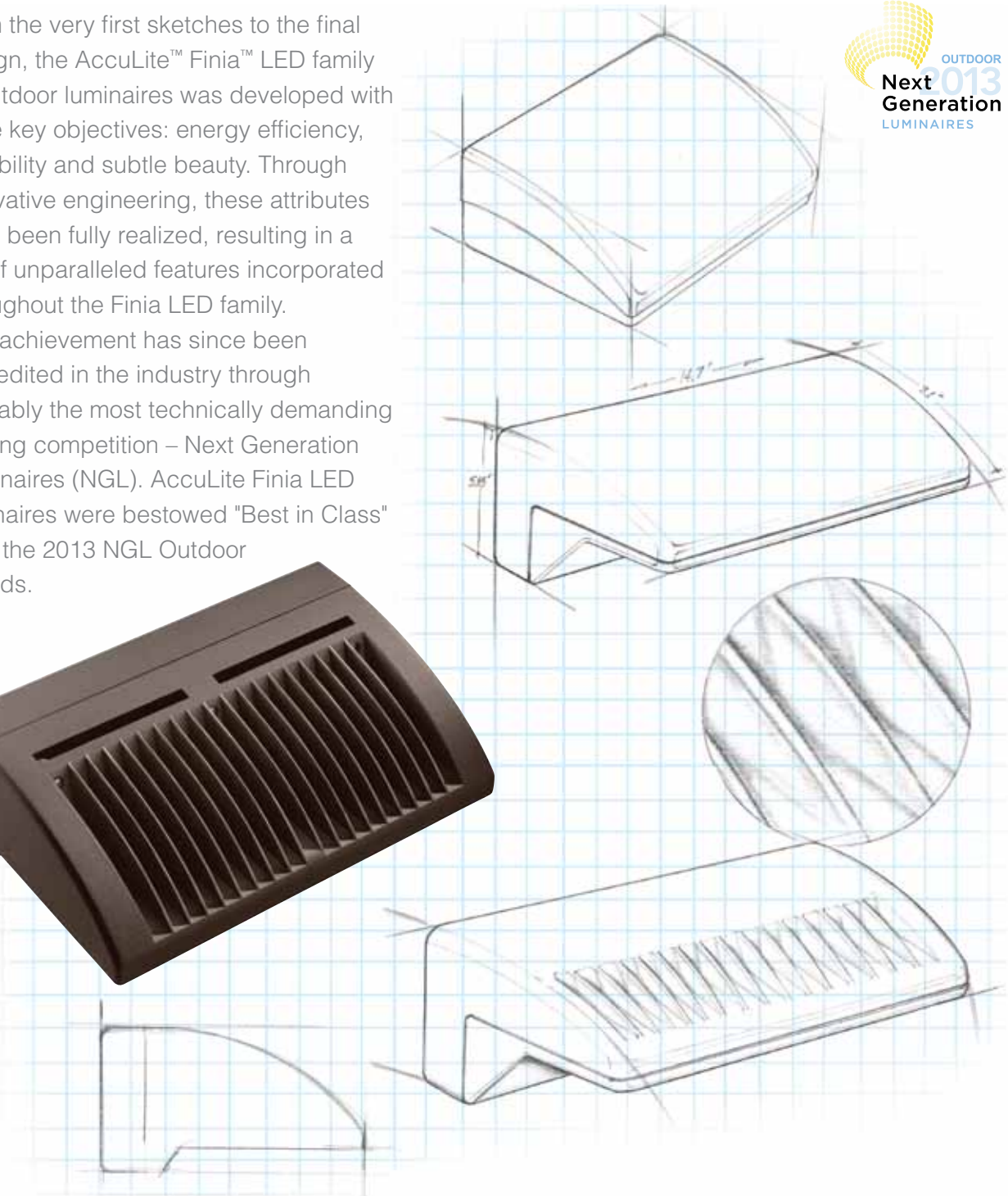
## Finia LED Generation 2 Advantage

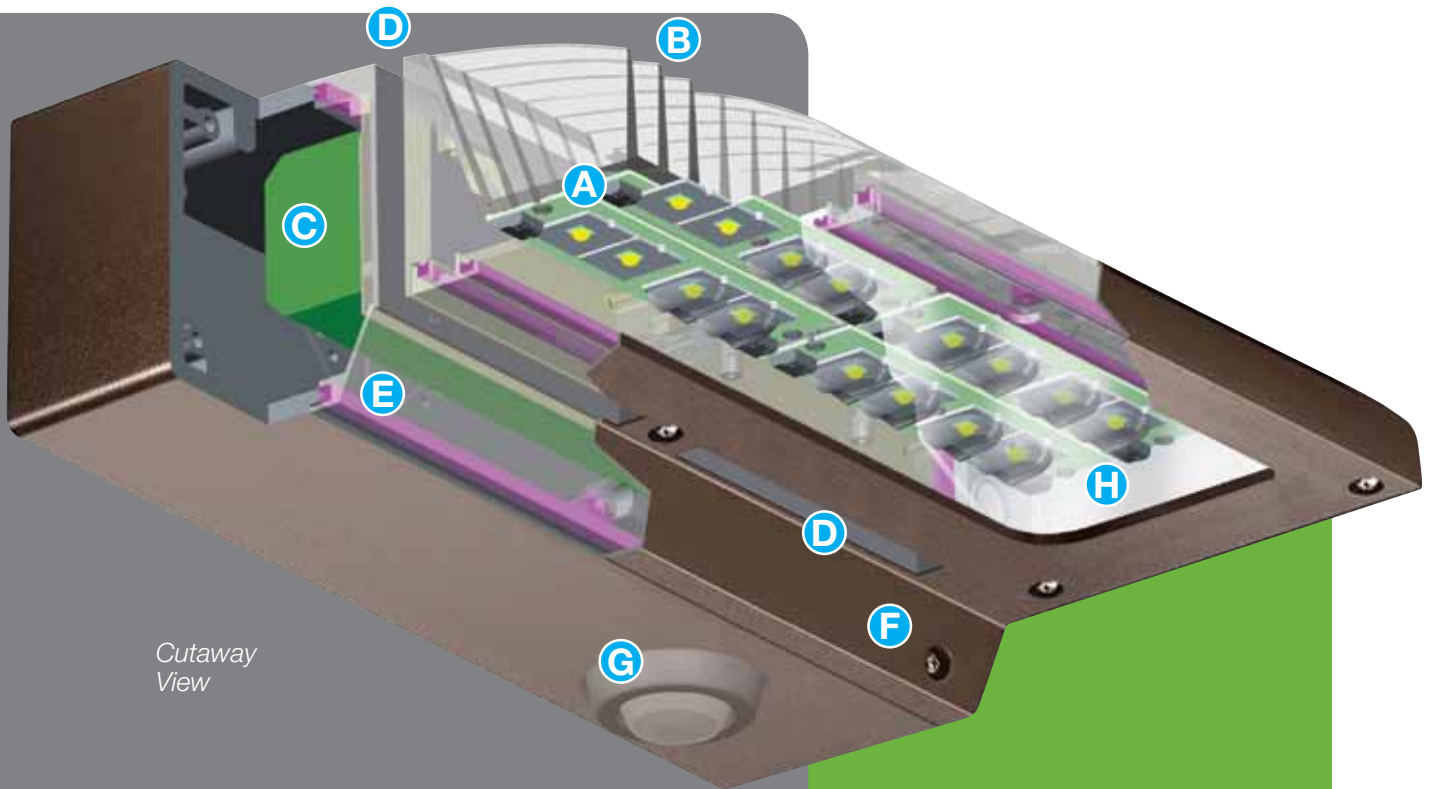
- Award winning design, Best in Class 2013 NGL Outdoor Competition
- Architecturally appealing, slim, and unobtrusive
- Energy efficient, LED light source that replaces up to 400W HID fixtures
- Glass sealed optical system that protects optics from degradation due to exposure to the environment
- Multiple light output and distribution options for flexibility and scalability
- Family of wall, area and flood lights providing one cohesive look



# Innovative Engineering

From the very first sketches to the final design, the AccuLite™ Finia™ LED family of outdoor luminaires was developed with three key objectives: energy efficiency, durability and subtle beauty. Through innovative engineering, these attributes have been fully realized, resulting in a set of unparalleled features incorporated throughout the Finia LED family. This achievement has since been accredited in the industry through arguably the most technically demanding lighting competition – Next Generation Luminaires (NGL). AccuLite Finia LED luminaires were bestowed "Best in Class" from the 2013 NGL Outdoor awards.





Cutaway View

## Excellence in design produces optimum performance

Superior LED lighting can only be achieved when a fixture is designed to optimize the performance characteristics of the light source. That's why the development of AccuLite Finia LED fixtures began with a thorough evaluation and careful selection of the LED light engine. Then, an all new fixture was designed to perfectly complement the unique qualities of the light engine and maximize its performance. The cutaway graphic above highlights the creative engineering found in key components of the Finia LED fixture:

- A. LED Boards:**  
Up to four LED boards are incorporated depending on lighting requirements.
- B. Cooling Fins:**  
Placed above the LED boards, unique cooling fins span the width of the fixture to efficiently dissipate heat.
- C. Electronic Driver:**  
Strategically positioned to avoid heat from the light engine and other potential heat sources.
- D. Cooling Vents:**  
Two ducts form openings through the center of the fixture and create separation between the driver and light source.
- E. Gaskets:**  
Employed throughout the unit to prevent external elements from entering the fixture. Full fixture IP65 Rating.
- F. Concealed Hardware:**  
Housing fasteners are recessed, keeping all hardware concealed.
- G. Motion Sensor (optional):**  
Positioned away from the LEDs to prevent blockage of light.
- H. Tempered Glass Lens:**  
Protects LED optics from dust and UV exposure.



# Key Features of the Finia LED Generation 2 Luminaire

**A. Field Replaceable Light Engine:**

Finia LED boards and drivers can be replaced in the field at the end of their useful life.

**B. Thin Profile:**

At only 4.75" high, the luminaire's thin profile fades into the background allowing buildings and grounds to take center stage, enhanced by a clean, white LED illumination.

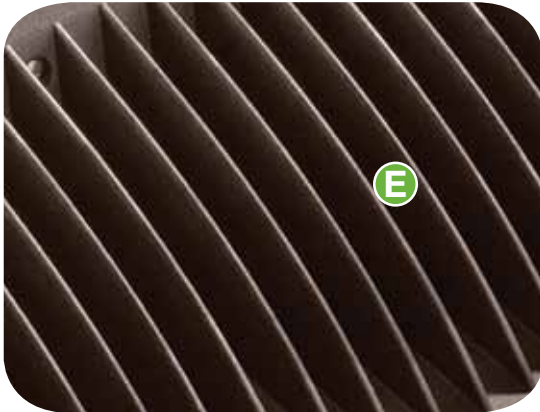
**C. Streamlined Design:**

Smooth curves and contoured edges blend unobtrusively. Finia silhouette breaks from traditional fixture designs.

**D. Exclusive Cooling Vents:**

Two cooling vents run between the LED and driver compartments creating air flow between these critical components. As a result, the driver is completely isolated and runs cooler, increasing reliability and extending the life of the fixture.





**E. Deep Fins:**

Strategically placed above the LEDs, eighteen oversized fins dramatically increase the exposed surface area, extracting heat and optimizing the life of the diodes. With occasional rain, the “pitched roof” surface design helps wash away dirt and debris.



**F. Quality LEDs:**

Top-tier, advanced technology LEDs are at the heart of Finia LED luminaires, assuring reliable and consistent performance.

**G. Custom Optics:**

Constructed of pure acrylic, Finia LED custom-designed optics offer the best light transmission of any optic material on the market today.

**H. Fully Sealed Glass Lens:**

All Finia LED fixtures include a full-length glass window that seals in the optics, preventing premature optical degradation due to dirt accumulation and UV exposure. The result is long-term, consistent and reliable optical performance.

**I. Full Fixture IP65 Rating:**

A molded silicone gasket seals the two-piece housing and glass lens, preventing contaminants from entering.





# Finia™ LED Generation 2 Custom Options

Numerous  
enhancements are  
available to further  
boost your energy  
savings



For a list of qualified models,  
see specification sheets  
or visit the DesignLights™  
Consortium website.

## Dimming Capability

An optional 0-10V dimming driver ("D" option) is available. In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit ("PD" option) is available. The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule. The schedule can be field modified by the end-user with a laptop computer and accessory USB PC Cable (PDUSBPCABLE).

## Field Adjustable High/Low or ON/OFF Motion Sensor

Finia LED luminaires can be ordered with an optional motion sensor<sup>1</sup> integrally mounted to the fixture. The sensor is configured to function either as an ON/OFF switch ("M" option) or to operate a High/Low dimming driver ("H" option). In the High/Low configuration the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%. The amount of time the fixture remains in the "High" mode is also field adjustable. The fixture operates normally in "Low" mode, and when the motion sensor detects movement it switches the driver to "High" mode.

## Integral Photo Control

A button-style photo sensor can be installed on the side of the fixture ("PC" option), providing dusk-to-dawn illumination. Side installation prevents the sensor from being blocked by snow or debris.

## Integral Emergency Lighting

An optional, integral battery pack can be provided for emergency lighting during power outages. A larger, "back-box" is used with the emergency battery options (see "dimensions"). This option is ideal for installations along paths leading away from buildings. The "EM" option is available for ambient temperature between 32°F and 104°F (0°C to 40°C).

## Two Independent Circuits Option

Finia luminaires can be supplied with an optional two independent circuit configuration (2C option). Fixtures with this option include two drivers, each of them driving separate LED modules. This is an excellent option to meet the multiple lamp requirement in egress lighting ordinances, or for energy savings using individual switching of drivers. Fixtures with B06 engines are supplied with two drivers, each operating one LED module. Fixtures with B09 engines are supplied with one driver operating one module, and one driver operating 2 modules. Fixtures with B12 engines are supplied with two drivers, each operating two LED modules. This option is not available for fixtures with B03 engines.

## Glare Control and Vandal Resistance

The standard clear lens can be replaced with either a clear polycarbonate ("PL" option) or a prismatic glass lens ("PG" option). The polycarbonate lens acts as a barrier against intentional or unintentional abuse and is recommended for high traffic areas. The prismatic glass lens is used to smooth out the light and control glare. It is recommended for wall washing, sign lighting, and façade lighting applications, or wherever glare is a concern.

## Hazardous Locations

Finia LED luminaires can be manufactured to be used in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D. Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F). These are areas where flammable gases or vapors may be present in the air during abnormal conditions. See 'Hazardous Location Classified Areas' section under Ordering Information for available configurations.

<sup>1</sup> The motion sensor can only be utilized when fixtures are aimed down. The fixture rating changes to Wet Location Listed when the motion sensor option is added.



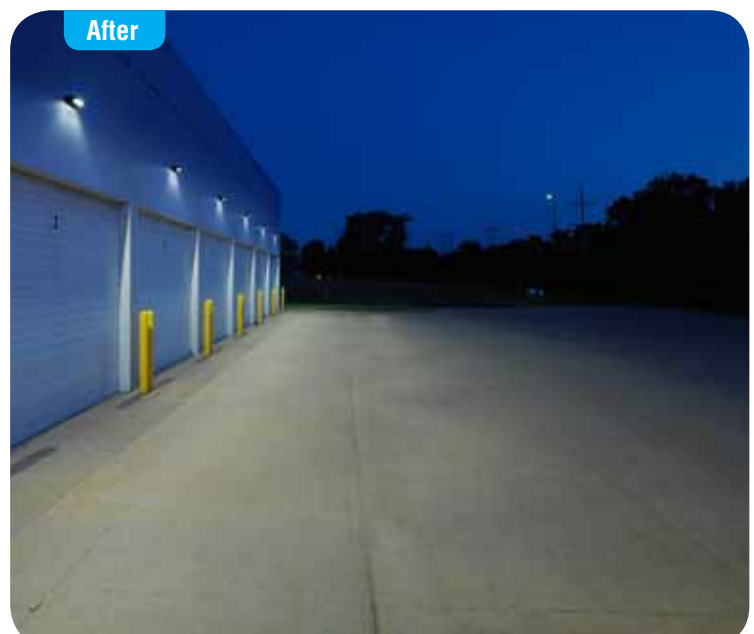
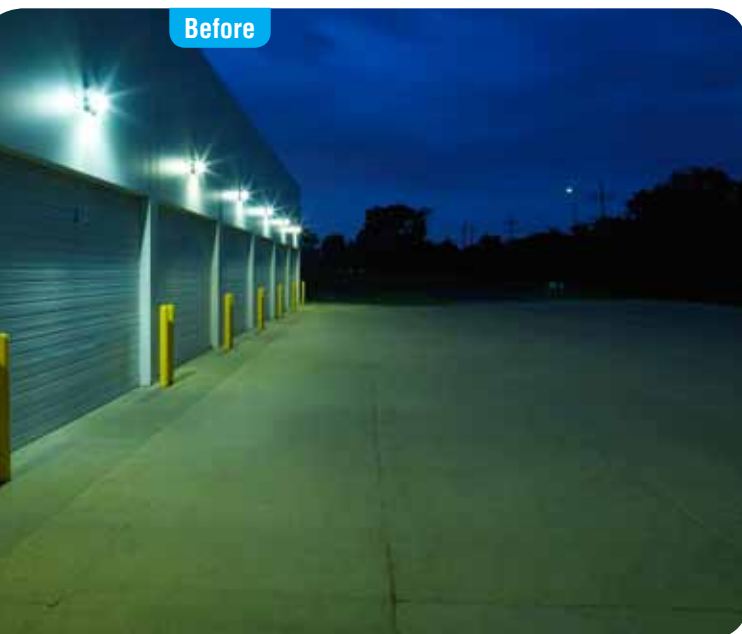


Custom enhancements for even more energy savings.



# The Finia™ LED Difference

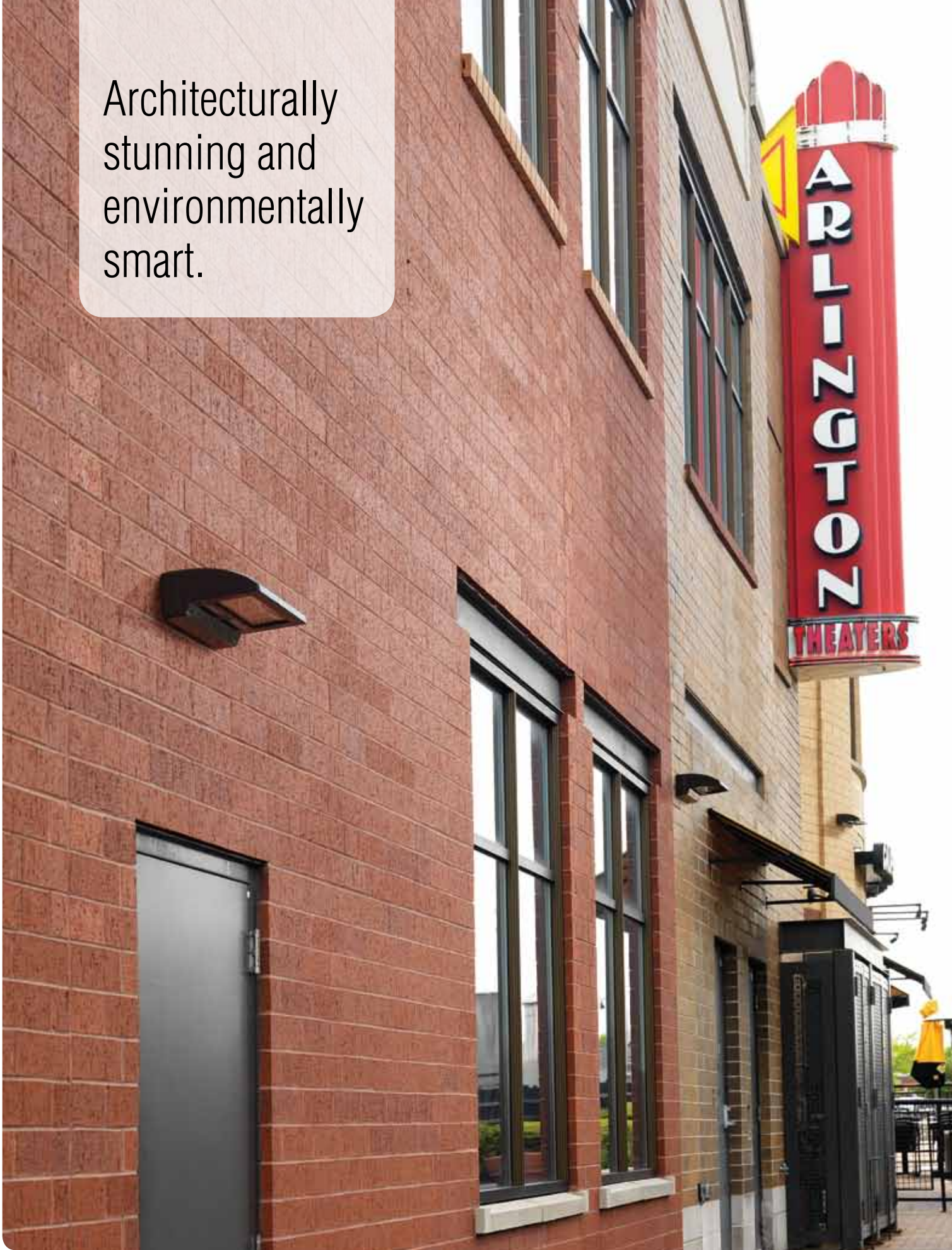
The following images present before-and-after views of an actual shipping dock from a Finia LED installation project. The "before" photo includes High Pressure Sodium, 250W non cut-off wall packs. While, the "after" picture features Finia LED luminaires with 6,000 lumen engines, 5000K CCT. As a result of the Finia LED installation, energy consumption was reduced from 290W to 70W per fixture. Other noticeable improvements included increased illumination on the ground (two and a half times higher, on average), improved uniformity and better color rendering. Measurements were taken before and after using a calibrated footcandle meter. The results are included in the table below:



	HPS Fixtures	Finia LED Luminaires
Distance from wall to zero foot candles	48'	64'
Average foot candles	0.9	3.1
Maximum reading (fc)	1.9	6.4
Minimum reading (fc)	0.1	0.5
Uniformity (Max/Min)	19.1	13.1
Watts per fixture	290	70

**Note:** A total of 40 readings were taken from a 100' x 60' grid. The last two rows of reading were eliminated from the calculations given that the HPS fixtures produced all readings of 0 fc.

Architecturally  
stunning and  
environmentally  
smart.





*Aimed Down*



*Top View*

# Finia™ LED Generation 2 Wall Mounted

For uplighting or downlighting applications

Finia LED Wall Mounted luminaires are designed to be installed directly to the wall. The back of the fixture has a threaded and plugged conduit entry and a provision for side surface conduit entry with dimpled drilling locations. This low profile fixture is just large enough to cover a standard 4" octagonal or square junction box. Available for mounting aimed up or down, Finia LED Wall Mounted luminaires can be used for traditional security lighting applications as well as wall washing, highlighting arches and canopies, or providing indirect lighting through reflections from the ceiling.



*Aimed up for  
uplighting applications*

## LED Data & Ordering Information

### LED Performance, 4000K, 70 CRI Minimum

Catalog #	Distribution	Delivered Lumens	Watts	Efficacy
LW-B12-4K-UN-WT	Wide	11,960	135	89
LW-B09-4K-UN-WT	Wide	8,970	105	85
LW-B06-4K-UN-WT	Wide	5,980	70	85
LW-B03-4K-UN-WT	Wide	2,990	35	85
LW-B12-4K-UN-FT	Forward Throw	10,813	136	80
LW-B09-4K-UN-FT	Forward Throw	8,810	105	77
LW-B06-4K-UN-FT	Forward Throw	5,407	70	77
LW-B03-4K-UN-FT	Forward Throw	2,703	35	77
LW-B12-4K-UN-WW	Wall Wash	10,838	138	79
LW-B09-4K-UN-WW	Wall Wash	8,129	105	77
LW-B06-4K-UN-WW	Wall Wash	5,419	70	77
LW-B03-4K-UN-WW	Wall Wash	2,710	35	77

- All tests were performed according to IES LM-79-08, at 120V input power, 4000K CCT.
- L70 is the LED manufacturer predicted time when the LED performance depreciates below 70% of the initial lumen output and it is based on the stated ambient temperature.
- No performance difference between 4000K CCT and 5000K CCT.



For a list of qualified models, see specification sheets or visit the DesignLights™ Consortium website.




### Ordering Information

Series	Light Engine Code	CCT	Voltage	Distribution	Options	Finish	
<b>LW</b>	<b>B09</b>	<b>5K</b>	<b>E2</b>	<b>WT</b>	<b>PC</b>	<b>WH</b>	
<b>LW</b> High Performance LED Wall Mounted	<b>B03</b> 35W LED <b>B06</b> 70W LED <b>B09</b> 105W LED <b>B12</b> 135W LED	<b>4K</b> 4000K <b>5K</b> 5000K	Universal 120-277V <b>E1</b> 120V <b>E2</b> 277V <b>E3</b> 347V <b>E4</b> 480V	<b>WT</b> Wide Throw <b>FT</b> Forward Throw <b>WW</b> Wall Wash	<b>PC**</b> Button Style Photocontrol (Specify voltage) <b>H*Δ</b> Motion Sensor Hi/Lo (Specify voltage) <b>M†Δ</b> Motion sensor On/Off (Specify voltage) <b>HT</b> High transmission glass lens <b>PG</b> Prismatic glass lens (WT & FT optics only) <b>PLΔ</b> Polycarbonate Lens (WT & FT optics only)	<b>F</b> Fusing (Specify voltage) <b>TP</b> Tamper resistant hardware <b>D</b> Dimming 0-10V <b>PD</b> Pre-programmed Dimming <b>2C</b> Two independent Circuits (Not available with B03 engine) <b>EM*</b> Integral emergency battery (Specify voltage; 32°F to 104°F ambient)	<b>FINISH no suffix</b> Bronze Finish <b>BL</b> Black Finish <b>WH</b> White Finish <b>SL</b> Silver Finish <b>Custom Finish</b> Contact factory with RAL number

**Accessories:**

Description	Cat. No.
<b>USB PC Cable</b> For field programming of "PD" option with a PC	<b>PDUUSBPCCABLE</b>



- † Available in 120-277V
- \* Available with 120V or 277V only
- \*\* Available with 120V, 277V or 347V only
- Δ Option not available for uplighting applications

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### For Hazardous Location Classified Areas:

Series	Engine Code	CCT	Voltage	Distribution	Options	Area Classification	Finish
<b>LW2</b>	<b>40L</b>	<b>5K</b>	<b>UN</b>	<b>WT</b>	<b>PG</b>	<b>C1</b>	<b>WH</b>
<b>LW2</b> LED Wall Mounted	<b>40L</b> 40W LED Engine	<b>5K</b> 5100K <b>4K</b> 4100K	Universal 120-277V <b>E3</b> 347V	<b>WT</b> Wide Throw <b>FT</b> Forward Throw <b>WW</b> Wall Wash	<b>HT</b> High transmission glass lens <b>PG</b> Prismatic glass lens (WT & FT optics only) <b>TP</b> Tamper resistant hardware <b>D</b> Dimming 0-10V	<b>C1</b> Class 1, Div 2 Groups A, B, C, D	<b>FINISH no suffix</b> Silver Finish <b>BL</b> Bronze Finish <b>WH</b> Black Finish <b>WH</b> White Finish

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# Finia™ LED Generation 2 Area Light

Small footprint with large energy savings

Finia LED Area Lights are designed for direct mounting to square poles in single or back-to-back installations. When a 90° setup is required, a straight arm option is available.

## LED Data & Ordering Information

LED Performance, 4000K, 70 CRI Minimum

Catalog #	Distribution	Delivered Lumens	Input Voltage	Watts	Efficacy
LA-B12-4K-UN-25	Type II	11,960	120	135	89
LA-B09-4K-UN-25	Type II	8,970	120	105	85
LA-B06-4K-UN-25	Type II	5,980	120	70	85
LA-B03-4K-UN-25	Type II	2,990	120	35	85
LA-B12-4K-UN-25	Type IV	10,813	120	136	80
LA-B09-4K-UN-25	Type IV	8,110	120	105	77
LA-B06-4K-UN-25	Type IV	5,407	120	70	77
LA-B03-4K-UN-25	Type IV	2,703	120	35	77

- All tests were performed according to IES LM-79-08, at 120V input power, 4000K CCT.
- L<sub>70</sub> is the LED manufacturer predicted time when the LED performance depreciates below 70% of the initial lumen output and it is based on the stated ambient temperature.
- No performance difference between 4000K CCT and 5000K CCT.



For a list of qualified models, see specification sheets or visit the DesignLights™ Consortium website.



### Ordering Information

Series	Light Engine Code	CCT	Voltage	Mounting	Distribution	Options		Finish
<b>LA</b>	<b>B03</b>	<b>5K</b>	<b>E2</b>	<b>P</b>	<b>4S</b>	<b>PC</b>		
<b>LA</b>	<b>B03</b> 35W LED	<b>5K</b>	<b>UN</b>	<b>blank</b>	<b>2S</b>	<b>PC**</b>	<b>TP</b>	<i>no suffix</i>
High Performance LED Area Light	<b>B06</b> 70W LED	5000K	Universal 120-277V	Square pole bracket	Type II short	Button Style Photocontrol (Specify voltage)	Tamper resistant hardware	Bronze Finish
	<b>B09</b> 105W LED	<b>4K</b>	<b>E1</b>	<b>P</b>	<b>4S</b>	<b>H*</b>	<b>D</b>	Black Finish
	<b>B12</b> 135W LED	4000K	120V	Direct Pole Mount, drilled only (For single fixture or back to back fixture installation)	Type IV short	Motion sensor hi/lo (Specify voltage)	Dimming 0-10V	White Finish
			<b>E2</b>			<b>M†</b>	<b>PD</b>	Silver Finish
			<b>E3</b>			Motion sensor On/Off (Specify voltage)	Pre-programmed dimming	
			<b>E4</b>			<b>HT</b>	<b>2C</b>	<b>Custom Finish</b>
			277V			High transmission glass lens	Two independent circuits (Not available with B03 engine)	Contact Factory with RAL number
			347V			<b>PG</b>	<b>EM*</b>	
			480V			Prismatic glass lens	Integral emergency battery (Specify voltage; 32°F to 104°F ambient)	
						<b>PL</b>		
						Polycarbonate Lens		
						<b>F</b>		
						Fusing (Specify voltage)		

#### Accessories:

Description	Cat. No.
<b>USB PC Cable</b>	<b>PDUSBPCABLE</b>

For field programming of "PD" option with a PC



- † Available in 120-277V
- \* Available with 120V or 277V only
- \*\* Available with 120V, 277V or 347V only

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### For Hazardous Location Classified Areas:

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options		Area Classification	Finish
<b>LA2</b>	<b>40L</b>	<b>5K</b>	<b>UN</b>	<b>P</b>	<b>4S</b>	<b>HT</b>		<b>C1</b>	
<b>LA2</b>	<b>40L</b>	<b>5K</b>	<b>UN</b>	<b>blank</b>	<b>3S</b>	<b>HT</b>	<b>TP</b>	<b>C1</b>	<i>no suffix</i>
Compact LED Area Light	40W LED Engine	5100K	Universal 120-277V	Square pole bracket	Type III short	High transmission glass lens	Tamper resistant hardware	Class 1, Div 2, Groups A, B, C, D	Bronze Finish
<b>LA1</b>	<b>50L</b>	4100K	<b>E3</b>	<b>P</b>	<b>4S</b>	<b>PG</b>	<b>D</b>		Black Finish
High Performance Compact Area Light (available with engine codes 40L and 50L only)	50W LED Engine		347V	Direct Pole Mount, drilled only (For single fixture or back to back fixture installation)	Type IV short	Prismatic glass lens (Type III & IV optics only)	Dimming 0-10V		White Finish
	<b>80L</b>				<b>5R</b>				Silver Finish
	80W LED Engine				Type V round				<b>Custom Finish</b>
									Contact Factory with RAL number



**AccuLite™**

*Flood with  
Slip Fitter Mount*



*Flood with  
Trunion Mount*

# Finia™ LED Generation 2 Flood Light

Uniform and rich facade and landscape lighting

Finia LED Flood Lights can be installed using a 2" adjustable slip fitter or trunion. A wide, 7H x 7V distribution is ideal for façade, landscape, or security lighting applications. An optional prismatic glass lens can be used to soften the LED light.

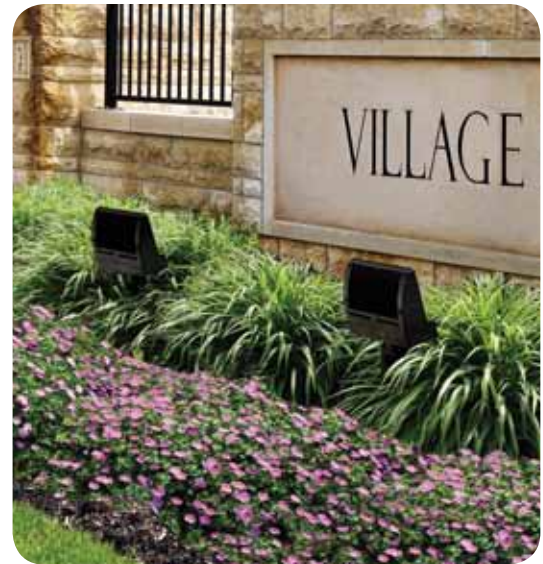


## LED Data & Ordering Information

### LED Performance, 4000K, CCT, 70 CRI Minimum

Catalog #	CCT	CRI	Delivered Lumens	Input Voltage	Watts	Efficacy
LF-B12-4K-UN-W	4000K	70	10,838	120	138	79
LF-B09-4K-UN-W	4000K	70	8,129	120	105	77
LF-B06-4K-UN-W	4000K	70	5,419	120	70	77
LF-B03-4K-UN-W	4000K	70	2,710	120	35	77

- All tests were performed according to IES LM-79-08, at 120V input, 4000K CCT.
- L<sub>70</sub> is the LED manufacturer predicted time when the LED performance depreciates below 70% of the initial lumen output and it is based on the stated ambient temperature.
- No performance difference between 4000K CCT and 5000K CCT.



### Ordering Information

Series	Light Engine Code	CCT	Voltage	Mounting	Distribution	Options	Finish
<b>LF</b>	<b>B03</b>	<b>5K</b>	<b>E2</b>	<b>SF</b>	<b>W</b>	<b>PC</b>	
<b>LF</b>	<b>B03</b> 35W LED	<b>5K</b>	<b>UN</b>	<b>SF</b>	<b>W</b>	<b>PC**</b>	<b>no suffix</b>
High Performance, Architectural LED Flood Light	<b>B06</b> 70W LED	5000K	Universal 120-277V	Slip Fitter	Wide 7H x 7V	Button Style Photocontrol (Specify voltage)	Bronze Finish
	<b>B09</b> 105W LED	<b>4K</b>	<b>E1</b>	<b>TR</b>		<b>HT</b>	<b>BL</b>
	<b>B12</b> 135W LED	4000K	120V	Trunion		High transmission glass lens	Black Finish
			<b>E2</b>			<b>PG</b>	<b>WH</b>
			277V			Prismatic glass lens	White Finish
			<b>E3</b>			<b>PL</b>	<b>SL</b>
			347V			Polycarbonate lens	Silver Finish
			<b>E4</b>			<b>F</b>	<b>Custom Finish</b>
			480V			Fusing (Specify voltage)	Contact factory with RAL number
						<b>TP</b>	
						Tamper resistant hardware	
						<b>EM*</b>	
						Integral emergency battery (Specify voltage; 32°F to 104°F ambient)	

**Accessories:**

Description	Cat. No.
<b>Wall Bracket</b> Use with slip fitter	<b>WB-1-color</b>
<b>USB PC Cable</b> For field programming of "PD" option with a PC	<b>PDUSBPCABLE</b>

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\* Available with 120V or 277V only

\*\* Available with 120V, 277V or 347V only

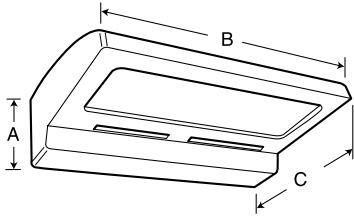
### For Hazardous Location Classified Areas:

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options	Area Classification	Finish
<b>LF2</b>	<b>40L</b>	<b>5K</b>	<b>UN</b>	<b>SF</b>	<b>W</b>	<b>HT</b>	<b>C1</b>	
<b>LF2</b>	<b>40L</b>	<b>5K</b>	<b>UN</b>	<b>SF</b>	<b>W</b>	<b>HT</b>	<b>C1</b>	<b>no suffix</b>
Architectural LED Flood Light	40W LED Engine	5100K	Universal 120-277V	Slip Fitter	Wide 6H x 6V	High transmission glass	Class 1, Div 2, Groups A, B, C, D	Bronze Finish
	<b>50L</b>	<b>4K</b>	<b>E3</b>	<b>TR</b>		<b>PG</b>		<b>BL</b>
High Performance LED Flood Light (available with engine codes 40L and 50L only)	50W LED Engine	4100K	347V	Trunion		Prismatic glass lens		Black Finish
	<b>80L</b>					<b>TP</b>		<b>WH</b>
	80W LED Engine					Tamper resistant		White Finish
						<b>D</b>		<b>SL</b>
						Dimming 0-10V		Silver Finish
								<b>Custom Finish</b>
								Contact factory with RAL number



# Finia™ LED Generation 2 Wall Mounted Dimensions and Photometry

## Dimensions



	A	B	C	Weight
Standard Unit	4 3/4"	15 1/2"	9 3/4"	18 lbs.
Unit w/ Emergency Battery	4 3/4"	15 1/2"	11 1/2"	25 lbs.

## Photometry

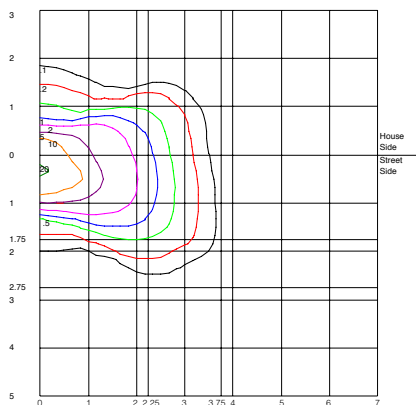
Zone	LW-B03-4K-UN-WT Total Lumens: 2,915		LW-B12-4K-UN-WT Total Lumens: 11,659		LW-B03-4K-UN-FT Total Lumens: 2,707		LW-B12-4K-UN-FT Total Lumens: 10,828		LW-B03-4K-UN-WW Total Lumens: 2,706		LW-B03-4K-UN-WW Total Lumens: 10,826	
	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens
<b>Forward Light</b>	<b>2,903</b>	<b>71.8%</b>	<b>8,374</b>	<b>71.8%</b>	<b>1,509</b>	<b>55.7%</b>	<b>6,036</b>	<b>55.7%</b>	<b>1,406</b>	<b>51.9%</b>	<b>5,623</b>	<b>51.9%</b>
FL (0°-30°)	470	16.1%	1,880	16.1%	166	6.1%	665	6.1%	469	17.3%	1,874	17.3%
FM (30°-60°)	1,991	40.9%	4,766	40.9%	682	25.2%	2,730	25.2%	785	29.0%	3,139	29.0%
FH (60°-80°)	427	14.7%	1,709	14.7%	645	23.8%	2,581	23.8%	142	5.3%	569	5.3%
FVH (80°-90°)	5	0.2%	19	0.2%	15	0.6%	60	0.6%	10	0.4%	40	0.4%
<b>Back Light</b>	<b>821</b>	<b>28.2%</b>	<b>3,285</b>	<b>28.2%</b>	<b>1,198</b>	<b>44.3%</b>	<b>4,792</b>	<b>44.3%</b>	<b>1,301</b>	<b>48.1%</b>	<b>5,203</b>	<b>48.1%</b>
BL (0°-30°)	273	9.4%	1,094	9.4%	160	5.9%	641	5.9%	470	17.4%	1,881	17.4%
BM (30°-80°)	389	13.3%	1,554	13.3%	627	23.2%	2,508	23.2%	733	27.1%	2,932	27.1%
BH (60°-80°)	158	5.4%	633	5.4%	508	15.1%	1,631	15.1%	94	3.5%	376	3.5%
BVH (80°-90°)	1	0.0%	4	0.0%	3	0.1%	12	0.1%	4	0.1%	15	0.1%
<b>Up Light</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
UL (90°-100°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0	0	0
UH (100°-180°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0	0	0
<b>Trapped Light</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
BUG Rating	B1-U1-G1		B3-U1-G2		B1-U1-G1		B3-U1-G3		B1-U1-G1		B3-U1-G1	

For 4100K CCT apply a 0.605 multiplier to above values  
All tests were performed by independent lab according to IES LM-79-08

BUG ratings and values reflect the fixture installed aimed down.

### LW-B12-4K-UN-WT

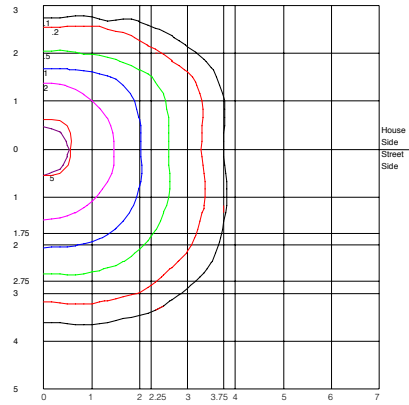
Total Fixture Watts: 135 Total Lumens: 11,960  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance in Units of Mounting Height  
Values Based on 10 Foot Mounting Height

### LW-B12-4K-UN-FT

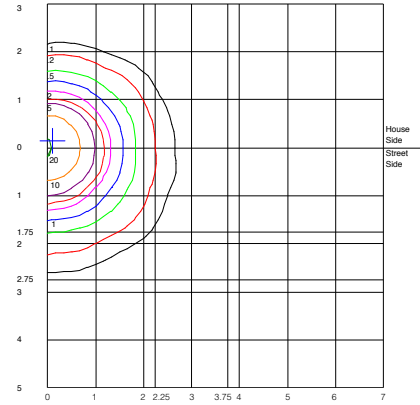
Total Fixture Watts: 136 Total Lumens: 10,828  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance in Units of Mounting Height  
Values Based on 10 Foot Mounting Height

### LW-B12-4K-UN-WW

Total Fixture Watts: 138 Total Lumens: 10,826  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

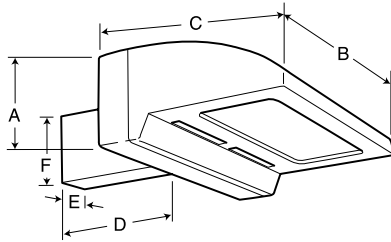


Distance in Units of Mounting Height  
Values Based on 10 Foot Mounting Height

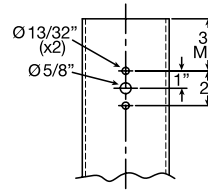


## Finia™ LED Generation 2 Area Light Dimensions and Photometry

### Dimensions



#### Two-Hole Pole Drill



	A	B	C	D	E	F	EPA	Weight
Standard Unit	4 3/4"	15 1/2"	9 3/4"	6 1/2"	2 1/8"	3 7/8"	0.5 ft <sup>2</sup>	18 lbs.
Unit w/ Emergency Battery	4 3/4"	15 1/2"	11 1/2"	6 1/2"	2 1/8"	3 7/8"	0.6 ft <sup>2</sup>	26 lbs.

### Photometry

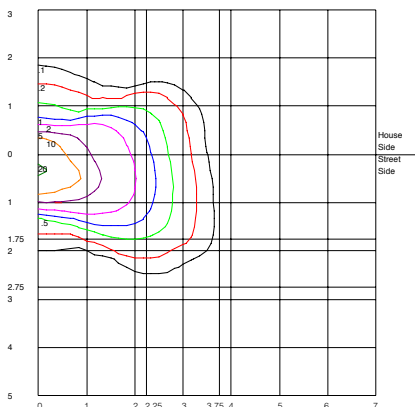
Zone	LA-B03-4K-UN-2S Total Lumens: 2,915		LA-B12-4K-UN-2S Total Lumens: 11,659		LA-B03-4K-UN-4S Total Lumens: 2,707		LA-B12-4K-UN-4S Total Lumens: 10,828	
	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens
<b>Forward Light</b>	<b>2,093</b>	<b>71.8%</b>	<b>8,374</b>	<b>71.8%</b>	<b>1,509</b>	<b>55.7%</b>	<b>6,036</b>	<b>55.7%</b>
FL (0°-30°)	470	16.1%	1,880	16.1%	166	6.1%	665	6.1%
FM (30°-60°)	1,191	40.9%	4,766	40.9%	682	25.2%	2,730	25.2%
FH (60°-80°)	427	14.7%	1,709	14.7%	645	23.8%	2,581	23.8%
FVH (80°-90°)	5	0.2%	19	0.2%	15	0.6%	27	0.96%
<b>Back Light</b>	<b>821</b>	<b>28.2%</b>	<b>3,285</b>	<b>28.2%</b>	<b>1,198</b>	<b>44.3%</b>	<b>4,792</b>	<b>44.3%</b>
BL (0°-30°)	273	9.4%	1,094	9.4%	160	5.9%	641	5.9%
BM (30°-80°)	389	13.3%	1,554	13.3%	627	23.2%	2,508	23.2%
BH (60°-80°)	158	5.4%	633	5.4%	408	15.1%	1,631	15.1%
BVH (80°-90°)	1	0.0%	4	0.0%	3	0.1%	12	0.1%
<b>Up Light</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
UL (90°-100°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UH (100°-180°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
<b>Trapped Light</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
BUG Rating	B1-U1-G1		B3-U1-G2		B1-U1-G1		B3-U1-G3	

For 4100K CCT apply a 0.605 multiplier to above values  
All tests were performed by independent lab according to IES LM-79-08

BUG ratings and values reflect the fixture installed aimed down.

#### LA-B12-4K-UN-2S

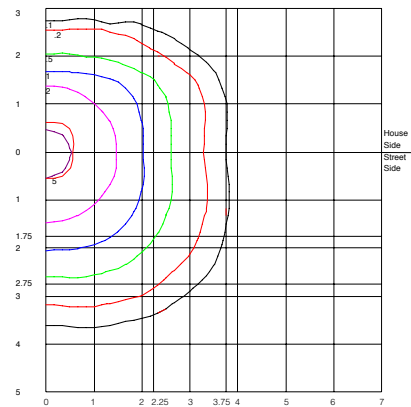
Total Fixture Watts: 135 Total Lumens: 11,960  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance in Units of Mounting Height  
Values Based on 10 Foot Mounting Height

#### LA-B12-4K-UN-4S

Total Fixture Watts: 136 Total Lumens: 10,828  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

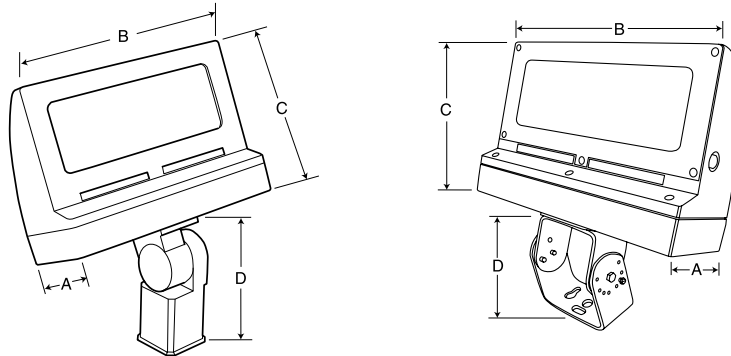


Distance in Units of Mounting Height  
Values Based on 10 Foot Mounting Height



# Finia™ LED Generation 2 Flood Light Dimensions and Photometry

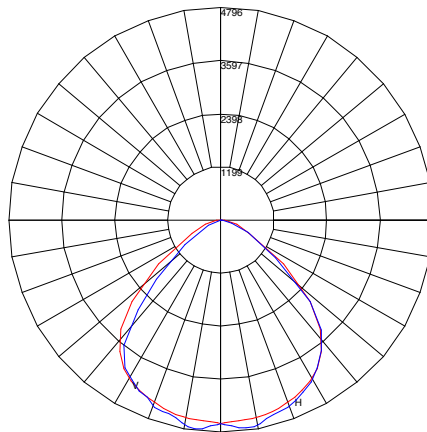
## Dimensions



	A	B	C	D (Slipfitter)	E (Trunion)	EPA	Weight
Standard Unit	4 3/4"	15 1/2"	9 3/4"	8"	5 1/2"	1.5 ft <sup>2</sup>	19 lbs.
Unit w/ Emergency Battery and Slipfitter	4 3/4"	15 1/2"	11 1/2"	8"	5 1/2"	1.5 ft <sup>2</sup>	28 lbs.
Standard Unit w/ Trunion	4 3/4"	15 1/2"	9 3/4"	8"	5"	1.5 ft <sup>2</sup>	19 lbs.
Unit w/ Emergency Battery and Trunion	4 3/4"	15 1/2"	11 1/2"	8"	5"	1.5 ft <sup>2</sup>	28 lbs.

## LF-B12-4K-UN-SF-W

Total Fixture Watts: 135 Total Lumens: 10,856



Maximum Candela = 4796.2  
 Located at Horizontal Angel = -5,  
 Vertical Angle = -7  
 H - Horizontal Axial Candela  
 V - Vertical Axial Candela

To learn more about Acculite Finia LED Outdoor Lighting, Generation 2, please visit us at [www.junolightinggroup.com](http://www.junolightinggroup.com)

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