

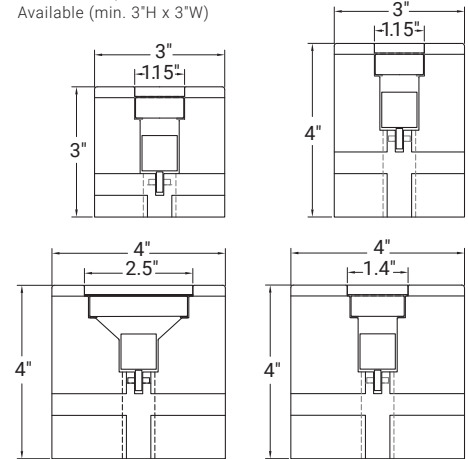


Project

Date

STANDARD SIZES

*Custom Shapes & Sizes Available (min. 3"H x 3"W)



CONSTRUCTION

Interlocking reinforced Cast Polymer concrete, with drive-over tempered glass lens system with an impact resistant anti-slip surface layer. Suitable for harsh environments. Salt water and chemical resistant.

MOUNTING

Inground installation in continuous lines, or individual fixtures. Drive-over applications up to 10,000 PSI. Future proof LED arrays of up to 49ft are maintainable and replaceable from one end of the run, without removing lenses.

LED

Aqueon® 24VDC IP68 flexible continuous LED strip with submersible IP68 molded connectors, specially designed for harsh environments.

COLOR TEMPERATURES

24k, 30K, 35K, 40K, 50K, Red, Blue, Green, Amber, RGB, RGBW, Tunable White; DMX programmable, streaming digital pixel models.

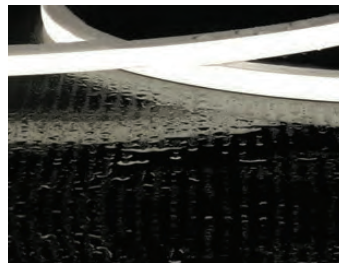
ELECTRICAL

Remote 24V drivers (Dimmable 0-10V). DMX controlled RGB or RGBW.

Overcoming the high cost and limitations of drive-over lines of light is now easy with FortaCast™ (patent pending) buriable polymer concrete drive-over lighting. The structural self-supporting fixtures can be installed in roadways, paths or stonework with the ease of installing pavers. Fixtures lock together to form unlimited continuous illuminated diffused straight or curved lines with IP68 submersible sealed LEDs. Encapsulated diffused LEDs are flood and typhoon proof. Walk-over models and drive-over applications supporting 10,000 psi / 100,000 hours lifetime according to color and output required.

AQUEON LED Inside

- UL Listed to 2108-submersible.
- Permanent double molded connections.
- Low Energy -1.83W/ft | RGBW 2.74W/ft
- Circuit protects each LED individually
- Perfectly diffused illumination
- Continuous runs



Vibration proof, and capable of withstanding the harshest environments. Aqueon® is a new type of flexible light. Superior standards, new materials, new methods, military grade components and advanced circuit design. Aqueon is flexible enough to slide into the FortaCast™ from the beginning of the run where miniature rollers inside the channels guide the lighting strip to the end.

* Specifications sheets are subject to change without notification.



SPECIFYING PRECAST DRIVE-OVER LIGHTING

Provide fully dimensional plans, DWG files and detailed drawings.

INSTALLATION

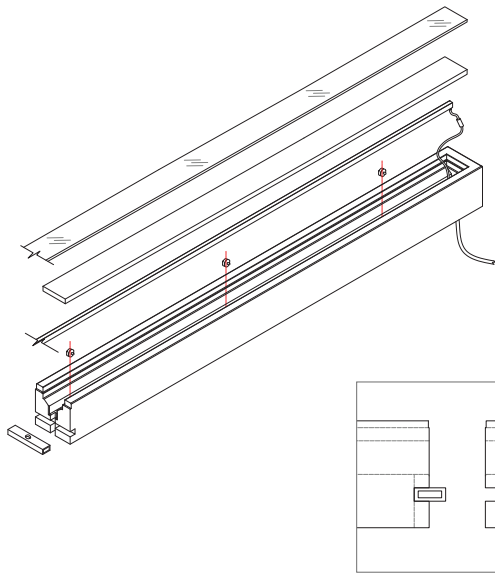
3' FortaCast™ sections are set in place, connect and lock together. Numbered sections are delivered to site, ready for installation. After the first section is in place, a special sealing compound is brushed to the matching ends and the second and subsequent sections are connected. After all construction and lenses are in place, the Aqueon LED lighting is installed from one end of the run. Miniature rollers guide the LED strip to the end of the run.



Air and vapor barrier supplied for connected joints.

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Interlocking sealing sections with inbuilt drainage. Self supporting - no secondary installation required

Buriable connecting sections.

STANDARD FINISHES



SERIES	WIDTH	CCT	FINISH
PCS STRAIGHT	3X3-1.15 3"x 3" (1.15"lens)	24 2400K	WH WHITE
PCC CURVED	3X4-1.15 3"x 4" (1.15"lens)	27 2700K	GR GRAY
PCCR CIRCLE	4X4-1.4 4"x 4" (1.40"lens)	30 3000K	CU CUSTOM
	4X4-2.5 4"x 4" (2.50"lens)	35 3500K	
	CU Custom	40 4000K	
		50 5000K	
		RGB RGB	
	RGBW RGBW		
	TW TUNABLE WHITE		
	RGBP RGB-PIXEL		
	RGBWP RGBW-PIXEL		



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