i2Systems®

Simply Advanced.™

Marine LED

All-in-One Lighting Guide

high efficiency / long lifetime / reduced heat
environmentally conscious / full control
simple integration / wide color range
perfect whites / full dimming / high style

2014

Not your Average Lighting Company

An industry pioneer, i2Systems technology and product innovation continues to raise the bar in Marine LED Lighting.

See what sets us apart.

Technology

For the designer, the boat builder, and the mariner, we invented our technology to improve their experience - on the drafting board, in production, and at sea.

i2**Sync**™
Consistent White Light

i2**Level**™
Intelligent Onboard Dimming

i2**Link**™
Digital Dimming using Conventional Dimmers

i2**Thermal**™
Active Thermal Management & Protection

i2**Wave**™
Color Effect without Control Wires

See our Technology in action at
www.i2Systems.com/Technology

We Design our Products In-House

With a passion for quality and perfection, we engineer our products in-house to the last detail, including our LED printed circuit boards (PCBs), electronic drivers, software, mechanical housings, and optics. Our long-term partnerships with the world's leading LED manufacturers mean we only use LEDs of the highest quality and performance.

We Manufacture our Products in Morris, CT USA.

Learn how we manufacture LED products at
www.i2Systems.com/Manufacturing
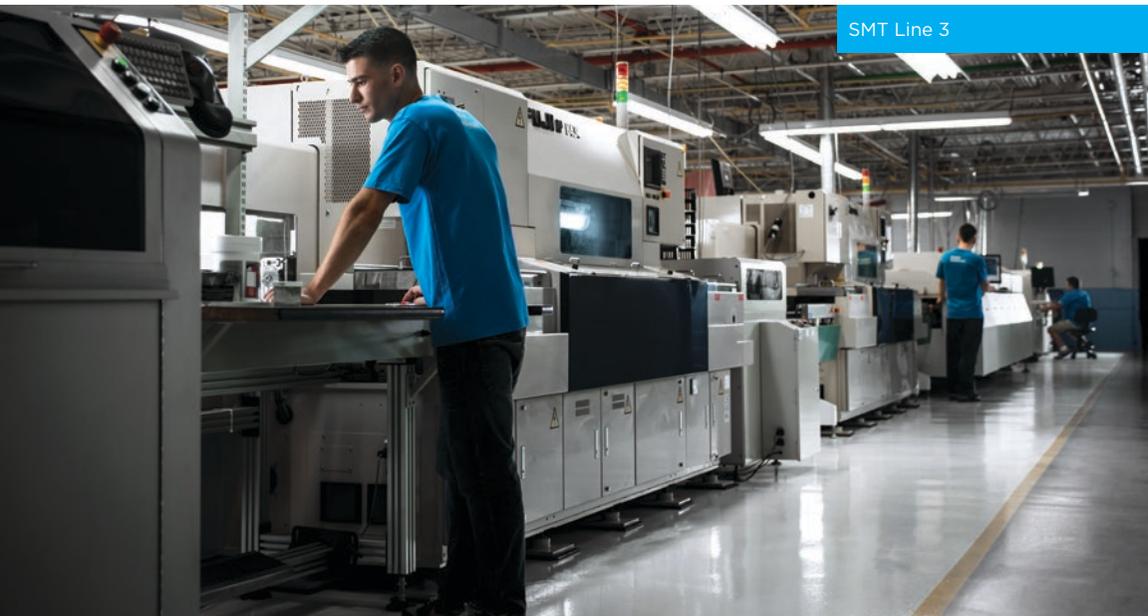
SMT Line 3
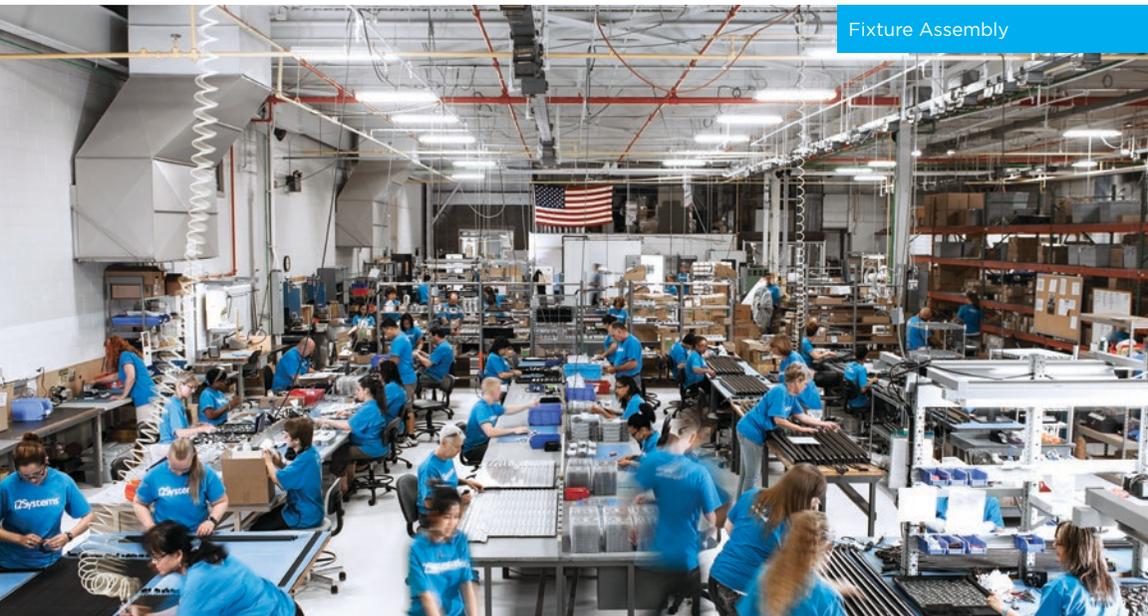
Fixture Assembly
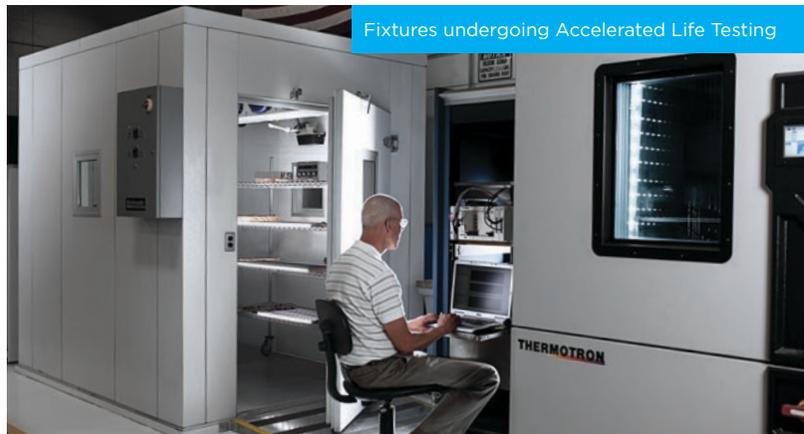
Fixtures undergoing Accelerated Life Testing

Quality & Test

In addition to 100% functional testing, fixtures undergo a wide range of specialized tests and long-term evaluation.

NEW!

Apeiron™ PRO Series

The Apeiron™ PRO is engineered for a life at sea. A perfect balance of technical sophistication and elegance, the Apeiron PRO offers a finely tuned blend of traditional style and digital technology.

Fixed Mount
3″ Round, Rnd/Sq, Sq/Sq
Shown in Standard Output

Swivel Mount
3″ Round
Shown in High Output

Features

True-to-Life Color
With 90+ color rendering (CRI) , engineered optics, and i2Sync™ Technology, expect beautiful, consistent white light.

1% Dimming
Smoothly dim to a low-level, 1% intensity using our LightLink™ Dimmers or most any 3rd party lighting system.

3-Color Option
With the click of your dimmer switch, simply select, then dim White, Red, and a Third color choice.

Protected
3-Stage Surge Suppression, onboard SmartDriver™, and Active Thermal Management™ offer a level of fixture protection not found anywhere else.

Rugged & Waterproof
Machined from solid aluminum and formed with titanium-coated stainless steel, expect industry-leading fit and finish that will last. IP67 waterproof rated.

Visit www.i2Systems.com/Marine for complete technical specifications, including total lumens, light distribution, and installation information including:

• Specification Sheet w/ Part Number Builder
• LM-79 Certified Lighting Reports
• Total Lumens & Light Distribution
• Installation Details, including our Dimming Guide

Apeiron PRO Options

Models	Standard Output, High Output
Bezel	Round, Round Swivel, Square/Round, Square/Square
Voltage	12/24V DC
PVD *Titanium Coated* Finish	Chrome, Gold, Brushed Nickel
Powder Coated Finish	White, Off-White
White LED Color	3000°K Warm, 4000°K Neutral, 5700°K Cool
+2nd LED Color	Red, *None*
+3rd LED Color	Blue, Green, *None*

PATENTED TECHNOLOGY

refer to product datasheets for exact features and certifications

Apeiron™

A robust and versatile general LED Downlight.
Available in a variety of bezel shapes, LED colors,
mounting options and finishes.

Screw Mount Model, 3.5" Bezel

SmartDriver Integrated
9-30V DC Input for
12/24V DC systems.

Advanced Thermal Design

Fully Dimmable
Use your dimmer
or ours.

IP67 Rated
for Interior or
Exterior use.

Even Light
120° Full Angle, No Hot Spots.

3" Stainless Steel Bezel
with Titanium
PVD Finish

120°
Full Angle

RECOMMENDED MODELS

Apeiron A2162	LED Overhead Light	9-30V DC	6 Watts	Spring Mount	○ ○	
Apeiron A1110	LED Overhead Light	9-30V DC	4 Watts	Spring Mount	○ ○	
Apeiron A3101	LED Overhead Light	9-30V DC	2.5 Watts	Screw Mount	○ ○ ● ● ● ●	NOW 2X BRIGHTER

Contact us for 120V AC Dimmable Solutions!

Apeiron™ Tri-Light™

Add style and functionality with retrofit compatible
Tri-Color Apeiron fixtures.

• **3 LED Colors, 2 Wire Installation**
• **Replaces single color Arch, Hardtop & Cockpit lights**
• **Use your existing wiring and switch**
• **Accepts 9-30V DC, only 125mA draw at 12 Volt**

*i2Systems i2Wave™
Technology is an IBEX
Innovation Award Winner*
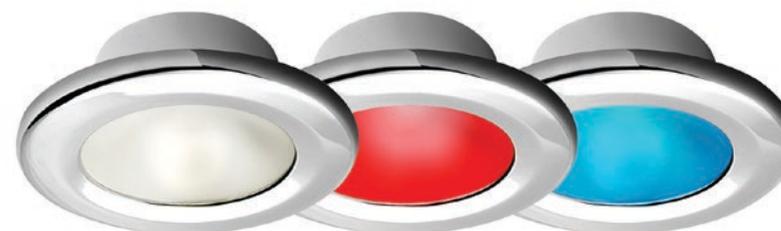
RECOMMENDED MODELS

Apeiron Tri-Light A1120	LED Hardtop/Arch Light, Tri-Color	9-30V DC	1.5 Watts	Spring Mount	○ ○ ● ● ● ●	
Apeiron Tri-Light A3120	LED Hardtop/Arch Light, Tri-Color	9-30V DC	1.5 Watts	Screw Mount	○ ○ ● ● ● ●	

PATENTED TECHNOLOGY
*refer to product datasheets for
exact features and certifications*

i2Systems | tel +1.860.567.0708 | sales@i2systems.com | www.i2Systems.com

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Ember™

Small and powerful, utilizing a unique asymmetric beam angle to illuminate steps, hallways and other low level surfaces. 3 Stainless Steel bezel shapes available.

SmartDriver Integrated
9-30V DC Input for 12/24V DC systems. Also works on 12V AC.

Asymmetric Beam
Downward light, wide beam. Minimizes glare.

Fully Dimmable
Use your dimmer or ours.

IP67 Rated
for Interior or Exterior use.

Flexible Mounting
Snap or screw into place. Your choice.

"Kick-Proof" Stainless Steel Bezel
with Titanium PVD Finish & Powdercoat Options.
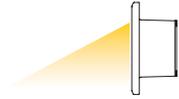
RECOMMENDED MODELS

Ember E1150	LED Step Light	9-30V DC / 12V AC	2.5 Watts	Snap Mount	
Ember E2150	LED Step Light	9-30V DC / 12V AC	2.5 Watts	Screw Mount	

refer to product datasheets for exact features and certifications

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NOW 2X BRIGHTER!

Profile™

A sleek and slim surface-mounted fixture with five removable stainless steel trim options, plus i2Systems Tri-Color option.

SmartDriver Integrated
9-30V DC Input for 12/24V DC systems.

IP67 Rated
for Interior or Exterior use.

Fully Dimmable
Use your dimmer or ours.

3.5" Stainless Steel Bezel
with Titanium PVD Finish

Even Light
120° Full Angle, No Hot Spots.

120°
Full Angle

RECOMMENDED MODELS

Profile P1101	LED Surface Light	9-30V DC	2.5 Watts	Surface Mount		NOW 2X BRIGHTER
Profile Tri-Light P1120	LED Surface Light, Tri-Color	9-30V DC	1.5 Watts	Surface Mount		

3-in-1 Tri-Color Arch and Cockpit Lighting

PROFILE TRI-LIGHT P1120

Add style and functionality with retrofit compatible Tri-Color Profile fixtures.

• **3 LED Colors, 2-Wire Installation**
• **Replaces single color Arch, Hardtop & Cockpit lights**
• **Use your existing wiring and switch**
• **Accepts 9-30V DC, only 125mA draw at 12 Volt**

i2Systems i2Wave™ Technology is an IBEX Innovation Award Winner

SELECT MODELS

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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S-Line®

High performance, small size and versatile mounting options enable simple installation of the S-Line series into a myriad of locations.

Wide Lateral Throw

SmartDriver Integrated
9-30V DC Input for
12/24V DC systems.

Fully Dimmable
Use your dimmer or ours.

Advanced Thermal Design
with Active Thermal Management.

Patented Optical System
Even Light Distribution.

Impact Resistant Housing
Ruggedized design, available in 5 lengths.

RECOMMENDED MODELS

S-Line S1200	LED Linear Light	9-30V DC	6 Watts/ft.	○ ○ ○ ● ● ●
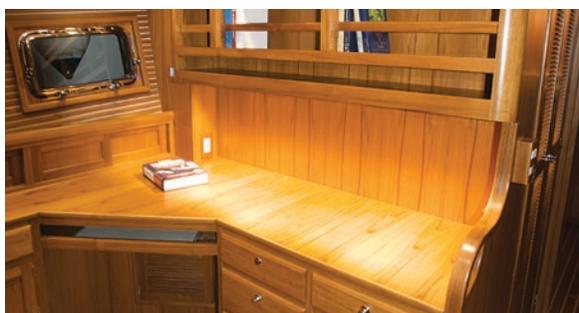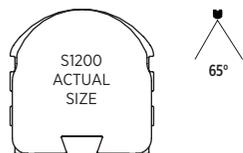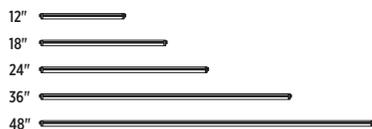
12"
18"
24"
36"
48"

S1200 ACTUAL SIZE

65°

PATENTED TECHNOLOGY

refer to product datasheets for exact features and certifications

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Reading

i2Systems LED Reading Light offers high output, smooth adjustment, and minimal heat, all while consuming only 2 Watts.

SmartDriver Integrated
9-30V DC Input for
12/24V DC systems.

Surface Mount
Simple installation with 3 screws.

Integrated Switch
For simple on/off operation.

Fully Adjustable Ball Joint Design
Offers fluid motion and maximum adjustment.

22°
Medium

Solid Machined Aluminum Housing
Clear Anodized.

22° Beam Angle

RECOMMENDED MODELS

Reading T3311	LED Reading Light	9-30V DC	2 Watts	○ ○

1.63

3.00

Ø 2.13

Ø 1.75

refer to product datasheets for exact features and certifications

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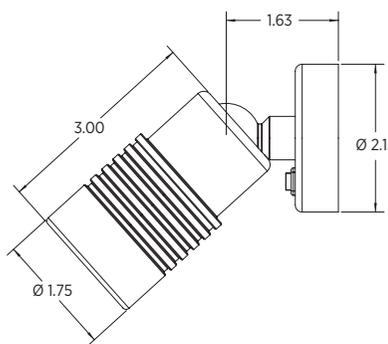
The Industry Leader in LED Dimming Control

As both the designer and manufacturer of our LED fixtures and dimming controllers, i2Systems offers unmatched LED dimming control and flexibility. Plus, our fixtures play nice with everyone else too.

i2Systems Compatible Systems Include:

LUTRON® CRESTRON® LEVITON®

OCTOPLEX® SEATELLIGENCE™ SPYDER CONTROLS CORPORATION

E-PLEX® CAPI2 EmpirBus™

VANTAGE

Dim your i2Systems LED Fixtures with:

3RD PARTY AUDIO-VIDEO (AV) SYSTEMS

Through the use of our LightLink™ controllers, you can dim and control up to 50 i2Systems fixtures through a single 0 to 10V dimming interface, including Lutron®, Crestron®, and Leviton® lighting control systems.

3RD PARTY LIGHTING CONTROLLER — LIGHTLINK
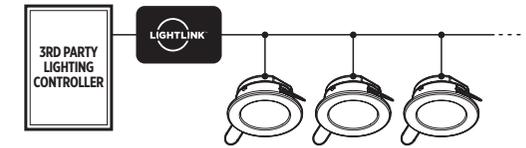
3RD PARTY MULTIPLEX DIMMING SYSTEMS

Without the use of dimming modules, many i2Systems products connect directly to Marine Multiplex type dimming systems, including but not limited to: E-Plex®, Moritz® Octoplex™, Spyder®, EmpirBus®, Capi2® and Vantage® systems.

3RD PARTY MULTIPLEX MODULE
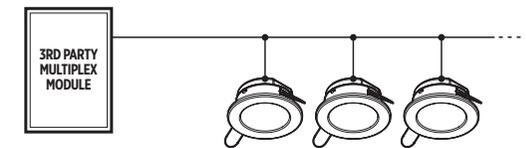
OUR DIMMERS

Use i2Systems standalone LightLink™ dimming modules to digitally dim up to 50 lights from one or more push-button switches.

SWITCH — LIGHTLINK

LIGHTLINK™
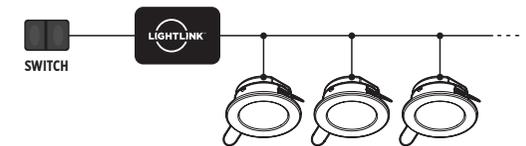
CE FC RoHS Compliant 2002/95/EC PATENTED TECHNOLOGY

To learn more about dimming our LED products, view our NEW Dimming Guide at
www.i2Systems.com/Marine

i2Systems

Simply Advanced.™

we create the industry's most technologically advanced yet simple to use LED products.

Designed. Engineered. Manufactured. by i2Systems in the USA

i2Systems is an industry leader in LED lighting technology, product design, and manufacturing. Founded in 2003, our company is built on the unwavering philosophy of leading-edge lighting technology made simple. With a vertically integrated approach to manufacturing, we assemble our products in-house with an unparalleled commitment to quality and dedication to our customers.

A technology innovator, i2Systems has been instrumental in the widespread adoption of LED lighting. We are excited to be an engaged partner in the future of lighting and sustainability for generations to come.

i2Systems worldwide headquarters and manufacturing is located in Morris, CT USA.
To learn more about us, please visit our website:
www.i2Systems.com

More on our Website

Download detailed specification sheets, installation instructions, and IES files.

Our new and easy-to-use Rep & Reseller Finder will put you in touch with the right person, in the right place, in record time.

www.i2Systems.com/Marine

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