Marine LED

HIGH PERFORMANCE
Advanced LED Lighting in one perfect system

**Technology**
i2Systems technology and innovation comes from within. 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. 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.

**Design**
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.

**History**
A family business with a heritage of electronics manufacturing stemming to the early 1980’s, i2Systems manufactures our LED products in our own 70,000 square foot state-of-the-art manufacturing facility in Connecticut.

Assembling our own products means superior quality, flexibility, and on-time delivery.

**Advanced LED Lighting**
- Precise Warm White Color
- Seamless Dimming Control
- High Performance

For more information about i2Systems and our product visit us at www.i2Systems.com or call us at 1.860.567.0708
We Design, Engineer and Manufacture our Products in Morris, CT USA.

Learn how we manufacture LED products at www.i2Systems.com/Manufacturing

Quality & Test

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

**DIMMABLE MARINE- GRADE LED DOWNLIGHT**

The Apeiron PRO is the world's most technologically advanced Marine LED downlight - now with the 6-inch diameter XL, you have the perfect fixture for larger areas and vessels. More light coverage, less fixtures, all Pro features.

**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.

**Rugged & Waterproof**
Machined from solid aluminum and formed with PVD Titanium Coating or Mil-Spec Powder Coated stainless steel, expect industry-leading fit and finish that will last. IP67 waterproof rated.*

**3-Color Option w/ Dimming**
With the click of your dimmer switch, simply select, then dim White, Red, and a Third color choice. Powered by award-winning i2Wave™ Technology.

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

*IP67 rated. Not for use in submersible applications.

**SPECS & OPTIONS**

**LEDS Color**

- 3000°K Warm White
- 4000°K Neutral White
- 5700°K Cool White
- Red (2nd Color opt)
- Green (3rd Color opt)
- Blue (3rd Color opt)

**Finish Color**
- Polished Chrome (PVD TITANIUM)
- Polished Gold (PVD TITANIUM)
- Brushed Nickel (PVD TITANIUM)
- White (MIL-SPEC POWDER COATED)
- Off-White (MIL-SPEC POWDER COATED)

**SPEC & OPTIONS**

**APPROVED MODELS**

Apeiron A526 LED Overhead Light 18-30V DC 6 Watts Spring Mount

**RECOMMENDED MODELS**

- Apeiron A526 LED Overhead Light
- 18-30V DC
- 6 Watts
- Spring Mount

**PATENTED TECHNOLOGY**
refer to product data sheets for exact features and certifications
Apeiron™ PRO
DIMMABLE MARINE-GRADE LED DOWNLIGHT

The Apeiron™ PRO is the world’s most technologically advanced Marine LED downlight and is engineered for a life at sea. The Apeiron PRO offers a finely tuned blend of traditional style and digital technology.

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 w/ Dimming
With the click of your dimmer switch, simply select, then dim White, Red, and a Third color choice. Powered by award-winning i2Wave™ Technology.

Protected
3-Stage Surge Suppression, onboard SmartDriver™ and i2Thermal™ Active Thermal Management offer a level of fixture protection not found anywhere else.

Rugged & Waterproof
Machined from solid aluminum and formed with PVD Titanium Coating or Mil-Spec Powder 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

*APEX rated. Not for use in submersible applications.

SPECS & OPTIONS

Typical Applications
- General Lighting
- Soffit
- Pilot House
- Perimeter
- Mezzanine

LED Color
- 3000°K Warm White
- 4000°K Neutral White
- 5700°K Cool White
- Red (2nd Color opt)
- Green (3rd Color opt)
- Blue (3rd Color opt)

Finish Color
- Polished Chrome (PVD TITANIUM)
- Polished Gold (PVD TITANIUM)
- Brushed Nickel (PVD TITANIUM)
- White (MIL-SPEC POWDER COATED)
- Off-White (MIL-SPEC POWDER COATED)

Recommended Models

Apeiron A503
LED Overhead Light 9-30V DC 3 Watts Spring Mount Fixed 120° Beam

Apeiron A506
LED Overhead Light 18-30V DC 6 Watts Spring Mount Fixed 120° Beam

Apeiron A513
LED Overhead Light 9-30V DC 3 Watts Spring Mount Swivel 60° Beam

Apeiron A516
LED Overhead Light 18-30V DC 6 Watts Spring Mount Swivel 60° Beam

*IP67 rated. Not for use in submersible applications.
Apeiron™
DIMMABLE MARINE-GRADE LED DOWNLIGHT

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

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

Fully Dimmable
Use your dimmer or ours.

Even Light
120° Full Angle, No Hot Spots.

Advanced Thermal Design

IP67 Rated
for Interior or Exterior use.

3" Stainless Steel Bezel
with Titanium PVD Finish

Even Light
120° Full Angle, No Hot Spots.

Apeiron™ Tri-Light™
3-COLOR MARINE-GRADE LED DOWNLIGHT

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

3" Spring Mount or 3.5" Screw Mount

Apeiron Tri-Light Fixtures are NOT dimmable. For a 3-Color dimmable solution, use our Apeiron PRO fixtures.

RECOMMENDED MODELS

Apeiron A2162 LED Overhead Light 9-30V DC 6 Watts Spring Mount
Apeiron A1110 LED Overhead Light 9-30V DC 4.5 Watts Spring Mount
Apeiron A3100 LED Overhead Light 9-30V DC 1.5 Watts Screw Mount
Apeiron A3101 LED Overhead Light 9-30V DC 2.5 Watts Screw Mount

WIDE RANGE OF BEZEL OPTIONS
Round, Square, Double and Triple, Spring & Screw Mount Installation

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

i2Systems | tel +1.860.567.0708 | sales@i2systems.com | www.i2Systems.com
Profile™
DIMMABLE MARINE-GRADE LED SURFACE LIGHT

The Profile couples the ease of surface mount installation with beautiful light and a premium titanium-coated finish.

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

- **Fully Dimmable**
  Use your dimmer or ours.

- **Even Light**
  120° Full Angle, No Hot Spots.

- **3.5” Stainless Steel Bezel**
  with Titanium PVD Finish

- **IP67 Rated**
  for Interior or Exterior use.

RECOMMENDED MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Power</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile P1100</td>
<td>LED Surface Light</td>
<td>9-30V DC</td>
<td>1.5 Watts</td>
<td>Surface Mount</td>
</tr>
<tr>
<td>Profile P1101</td>
<td>LED Surface Light</td>
<td>9-30V DC</td>
<td>2.5 Watts</td>
<td>Surface Mount</td>
</tr>
</tbody>
</table>

Profile™ Tri-Light™
3-COLOR MARINE-GRADE LED SURFACE LIGHT

Add style and functionality with retrofit compatible Tri-Color Profile fixtures. The Profile Tri-Light offers a big lighting effect for a not-so-big time commitment. Great for easy retrofits.

- **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

RECOMMENDED MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Power</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile Tri-Light P1120</td>
<td>LED Surface Light, Tri-Color</td>
<td>9-30V DC</td>
<td>1.5 Watts</td>
<td>Surface Mount</td>
</tr>
</tbody>
</table>

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

i2Systems | tel +1.860.567.0708 | sales@i2systems.com | www.i2Systems.com
Ember™
MARINE-GRADE LED MINIATURE STEP LIGHT

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.

**Flexible Mounting**
Snap or screw into place. Your choice.

**Titanium Stainless Steel Bezel**
with Titanium PVD Finish & Powdercoat Options. 1.8” - 2.3” Bezel Size

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Reading
MARINE-GRADE LED SWIVEL READING LIGHT

The T3311 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.

**Integrated Switch**
For simple on/off operation.

**22° Beam Angle**
Perfect for Reading and Task Lighting

**Surface Mount**
Simple installation with 3 screws.

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

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**Recommanded Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Voltage</th>
<th>Power</th>
<th>Mount Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ember E1150</td>
<td>LED Step Light</td>
<td>9-30V DC / 12V AC</td>
<td>2.5 Watts</td>
<td>Snap Mount</td>
</tr>
<tr>
<td>Ember E2150</td>
<td>LED Step Light</td>
<td>9-30V DC / 12V AC</td>
<td>2.5 Watts</td>
<td>Screw Mount</td>
</tr>
</tbody>
</table>

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**Reading Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Voltage</th>
<th>Power</th>
<th>Mount Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading T3311</td>
<td>LED Reading Light</td>
<td>9-30V DC</td>
<td>2 Watts</td>
<td>Surface Mount</td>
</tr>
</tbody>
</table>

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**PATENTED TECHNOLOGY**
Refer to product data sheets for exact features and certifications.
LINENEAR

S-Line®
DIMMABLE LED LINEAR LUMINAIRE

S-Line evenly illuminates counters and workspaces for maximum coverage and controllability. High performance, small size and versatile mounting options enable simple installation into a variety of locations.

- SmartDriver Integrated
  - 9-30V DC Input for 12/24V DC systems.
- Advanced Thermal Design
  - Patented Optical System
  - Even Light Distribution.
- Impact Resistant Housing
  - Ruggedized design, available in 5 lengths.

**RECOMMENDED MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-Line S1200</td>
<td>LED Linear Light 9-30V DC 6 Watts/ft. Adjustable, Fixed &amp; Pivot Mounts</td>
<td>65°</td>
</tr>
</tbody>
</table>

**Patented Technology**

Refer to product datasheets for exact features and certifications.

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V-Line®
DIMMABLE LED LINEAR LUMINAIRE

The V-Line Gen3 & Gen4 offer high performance, small size linear illumination for premium yacht lighting and wall washing. Incredibly rugged by design with premium materials and fully dimmable.

- SmartDriver Integrated
  - 18/20-30V DC Input for 12/24V DC systems.
- Advanced Thermal Design
  - Patented Optical System
  - Even Light Distribution.
- Rugged Aluminum Housing
  - Premium anodized finish, solid construction available in a variety of lengths.

**RECOMMENDED MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Beam Angles</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-Line V3280</td>
<td>LED Linear Light 18-30V DC 8 Watts/ft. Rotational, Hinged &amp; Fixed Brackets</td>
<td>65°</td>
</tr>
<tr>
<td>V-Line V4290</td>
<td>LED Linear Light 20-30V DC 5 Watts/ft. Adjustable, Fixed &amp; End-Mount Brackets</td>
<td>30° 65° 82°</td>
</tr>
</tbody>
</table>

**Patented Technology**

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.

PRODUCTS COMPATIBLE WITH OUR SYSTEMS INCLUDE:

- Lutron®
- Crestron®
- Leviton®
- OctoPlex®
- 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 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.

OUR DIMMERS

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

To learn more about dimming our LED products, view our Dimming Guide, located on the product pages: www.i2Systems.com/Marine

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We create the industry’s most technologically advanced yet simple to use LED products.

More on our Website
Download detailed specification sheets, installation instructions, and IES files for all of our products. Each spec sheet includes a handy part number builder for simple specifying.
Our 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

Contact us directly.
We can help you determine the best product for your application.

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