i2Systems®

Simply
Advanced.™

Marine LED

All-in-One Lighting Guide

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

**APEIRON PRO / SWIVEL / XL | APEIRON / TRI-LIGHT | PROFILE / TRI-LIGHT
EMBER | READING | S-LINE | V-LINE | LIGHTLINK DIMMING**

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.

i2Sync™
Consistent White Light

i2Level™
Intelligent Onboard Dimming

i2Link™
Digital Dimming using Conventional Dimmers

i2Thermal™
Active Thermal Management & Protection

i2Wave™
Color Effect without Control Wires

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.

i2Systems   Simply Advanced.™

Simply Advanced.™

We Manufacture our Products in Morris, CT USA.

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

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.

Fixed Mount
3.15" Round, Rnd/Sq, Sq/Sq
Shown in Standard Output 3W

Swivel Mount
3.25" Round
Shown in High Output 6W

SMOOTH DIGITAL DIMMING TO 1%

1.37" Deep 3W
2.05" Deep 6W
1.63" Deep Swivel 3W
2.31" Deep Swivel 6W

PRO FEATURE
Wire together Single, Dual and Tri-Color lights all on the same circuit.

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*.

• 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

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

3W-6W	Power
90+	CRI
150-300	Lumen Output / Typ
60°-120°	Beam Angle

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)

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

LIGHTLINK · 1% DIMMING · FC · ANSI LED DIMMING · IP 67 · LM 79 TESTED · LM 80 LEDS TESTED · RoHS COMPLIANT · MADE IN THE USA

RECOMMENDED MODELS

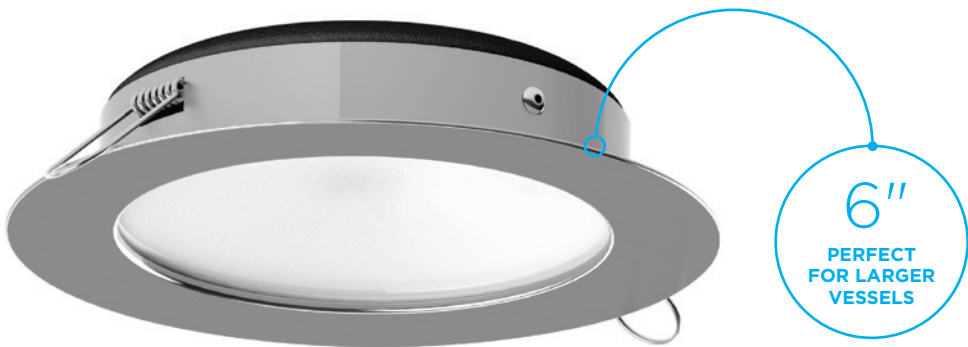|						
Apeiron A503	LED Overhead Light	9-30V DC	3 Watts	Spring Mount	Fixed 120° Beam	
Apeiron A506	LED Overhead Light	18-30V DC	6 Watts	Spring Mount	Fixed 120° Beam	
Apeiron A513	LED Overhead Light	9-30V DC	3 Watts	Spring Mount	Swivel 60° Beam	
Apeiron A516	LED Overhead Light	18-30V DC	6 Watts	Spring Mount	Swivel 60° Beam	

NEW!

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.

6"
PERFECT FOR LARGER VESSELS

SMOOTH DIGITAL DIMMING TO 1%

6" Round   1.33" Deep

PRO FEATURE
Wire together Single, Dual and Tri-Color lights all on the same circuit.

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*.

- 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

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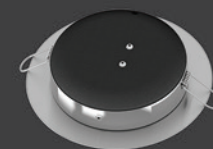- General Lighting
- Soffit
- Pilot House
- Perimeter
- Mezzanine

6W	Power
90+	CRI
300	Lumen Output / Typ
180°	Beam Angle

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)

LIGHTLINK   1% DIMMING   FC   ANSI LED DIMMING   IP 67   LM 79 TESTED   LM 80 LEDS   RoHS COMPLIANT 2002/95/EC   ★★★★★ MADE IN THE USA

RECOMMENDED MODELS

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

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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.

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

LIGHTLINK · CE · FC · ANSI LED BINNING · IP 67 · LM 79 TESTED · RoHS COMPLIANT 2002/95/EC · ★★★★★ MADE IN THE USA

Contact us for 120V AC Dimmable Solutions!

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	○ ○

Perfect Halogen Replacement **SIMPLE TO INSTALL**

3.15" Spring   1.24" Deep

3.50" Screw   1.07" Deep
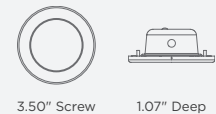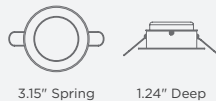
WIDE RANGE OF BEZEL OPTIONS
Round, Square, Double and Triple.
Spring & Screw Mount Installation

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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

i2Systems i2Wave™ 3-Color Technology is an IBEX Innovation Award Winner

CE · FC · IP 67 · RoHS COMPLIANT 2002/95/EC · ★★★★★ MADE IN THE USA

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

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	○ ○ ● ● ●

3 COLORS, 1 FIXTURE
Simple 2-Wire hookup
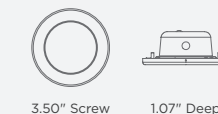
3.15" Spring   1.24" Deep

3.50" Screw   1.07" Deep

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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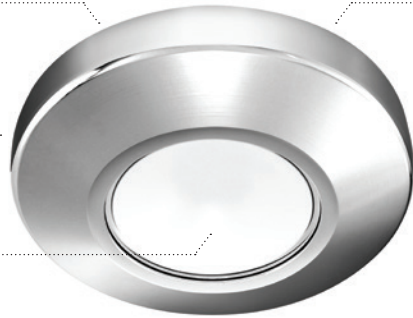
SmartDriver Integrated
9-30V DC Input for 12/24V DC systems.

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.

NOW 2X BRIGHTER

RECOMMENDED MODELS

Profile P1100	LED Surface Light	9-30V DC	1.5 Watts	Surface Mount	● ● ● ●
Profile P1101	LED Surface Light	9-30V DC	2.5 Watts	Surface Mount	○ ○

SURFACE MOUNT
Less than 3/4" Thick

3.48" Round   0.72" Depth

EASY RETROFIT
Use your existing wiring and switch!

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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

i2Systems i2Wave™ 3-Color Technology is an IBEX Innovation Award Winner

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

RECOMMENDED MODELS

Profile Tri-Light P1120	LED Surface Light, Tri-Color	9-30V DC	1.5 Watts	Surface Mount	○ ○ ● ● ● ●

3 COLORS, 1 FIXTURE
Simple 2-Wire hookup

3.48" Round   0.72" Depth

EASY RETROFIT
Use your existing wiring and switch!
Surface Mount, less than 3/4" Thick.

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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.

IP67 Rated
for Interior or
Exterior use.

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

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	○○●●●

ASYMMETRIC BEAM
Downward light, wide beam

1.80" Round   1.80" Square

2.30" Oval   0.85" Depth
0.14" Bezel Depth

3 BEZEL SHAPES
"Kick-Proof" Stainless Steel with Titanium PVD Finish and Powdercoat Options

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

Reading

MARINE-GRADE LED SWIVEL READING LIGHT

A first of its kind, our LED Reading Light is machined from solid aluminum and finely tuned for smooth, fluid-like adjustment without the heat of halogen. 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° Beam Angle

**Solid Machined
Aluminum Housing**
Clear Anodized.

RECOMMENDED MODELS

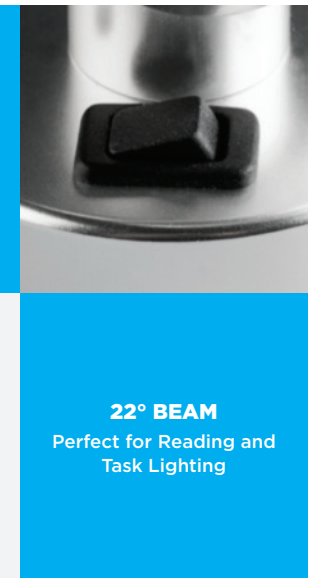|					
Reading T3311	LED Reading Light	9-30V DC	2 Watts	Surface Mount	●○○

OPTIONAL INTEGRATED ON / OFF SWITCH

3" Body
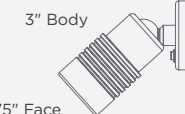
1.75" Face
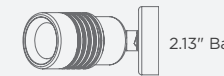
2.13" Base

22° BEAM
Perfect for Reading and Task Lighting

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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
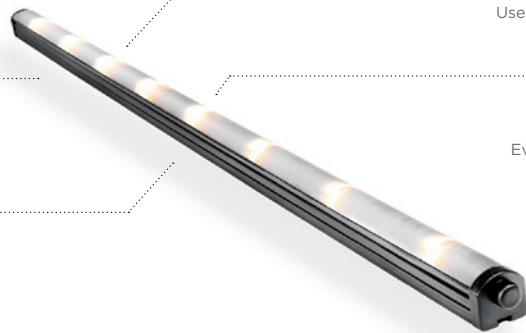with Active Thermal Management.

Impact Resistant Housing
Ruggedized design, available in 5 lengths.

Fully Dimmable
Use your dimmer or ours.

Patented Optical System
Even Light Distribution.

65°
Beam Angle

LIGHTLINK · c(UL)us · FC · ANSI LED BINNING · LM 79 TESTED · LM 80 LEDS · RoHS COMPLIANT 2002/95/EC · ★★★★★ MADE IN THE USA

RECOMMENDED MODELS

S-Line S1200	LED Linear Light	9-30V DC	6 Watts/ft.	Adjustable, Fixed & Pivot Mounts	○○○○●●●

ONLY 3/4″ THICK
Rugged design, advanced features

0.75″
0.75″

12″
18″
24″
36″
48″

WIDE LATERAL THROW
Patented Optical system provides even light distribution

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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
with Active Thermal Management.

Rugged Aluminum Housing
Premium anodized finish, solid construction available in a variety of lengths.

Fully Dimmable
Use your dimmer or ours.

Patented Optical System
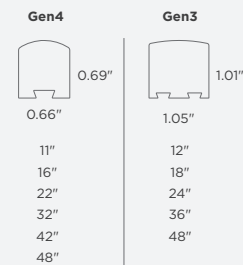Even Light Distribution.

Gen4   Gen3

65°
Beam Angle

30° 65° 82°
Beam Angles

LIGHTLINK · c(UL)us · FC · ANSI LED BINNING · LM 79 TESTED · LM 80 LEDS · RoHS COMPLIANT 2002/95/EC · ★★★★★ MADE IN THE USA

RECOMMENDED MODELS

V-Line V3280	LED Linear Light	18-30V DC	8 Watts/ft.	Rotational, Hinged & Fixed Brackets	○○○●●●
V-Line V4290	LED Linear Light	20-30V DC	5 Watts/ft.	Adjustable, Fixed & End-Mount Brackets	○○○●●●

0.6 - 1″ THICK
Rugged design, advanced features

Gen4	Gen3
0.69″	1.01″
0.66″	1.05″
11″	12″
16″	18″
22″	24″
32″	36″
42″	48″
48″	

WIDE LATERAL THROW
Patented Optical system provides even light distribution

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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® SEATELLIGENCE™

SPYDER CONTROLS CORPORATION
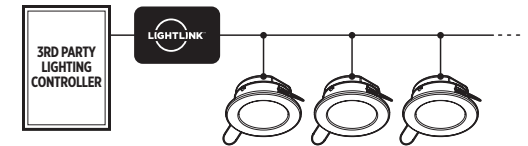
E-PLEX®

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 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.
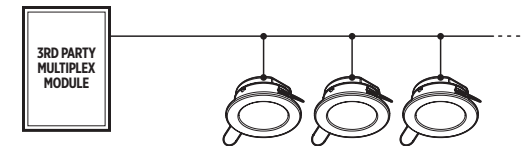
OUR DIMMERS

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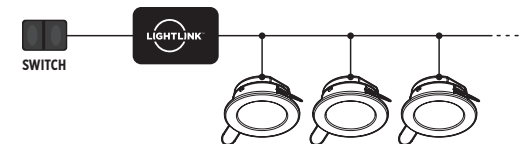
LIGHTLINK™

CE   FC   RoHS compliant 2011/65/EC   PATENTED TECHNOLOGY

MARINE DIMMING GUIDE

PATENTED TECHNOLOGY
refer to product datasheets for exact features and certifications

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.

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.