

The image shows the interior of a boat cabin. A white leather sofa with three patterned pillows is positioned in front of a large arched window. The window looks out onto a calm sea under a twilight sky. The cabin walls and ceiling are finished with dark wood paneling. Three recessed ceiling lights are visible, providing a warm, ambient glow. To the right of the sofa, there is a wooden door with a glass panel and a control panel with several buttons.

*imtra*<sup>®</sup>  
M A R I N E L I G H T I N G

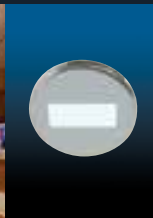
A D V A N C E D L E D S O L U T I O N S















## The Experts You Can Rely On.

Imtra is the premier systems supplier to boat builders, service yards, and boat owners worldwide. We are proud to provide the finest equipment to recreational marine, commercial marine and non-marine industries. With 65 years of experience, we remain committed to providing our customers with the world's best products and the highest level of service and support. To see our full range of products, please visit [www.imtra.com](http://www.imtra.com).



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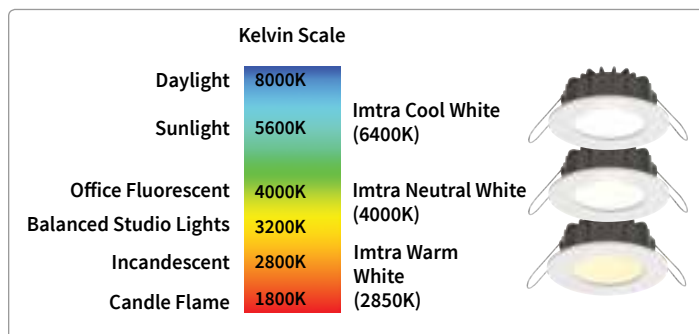


## What you should know before choosing your LED lights.

When you are looking to buy an LED light for your boat, it is more like buying a new TV or computer than “just a light”. LED fixtures include circuit boards and a host of technologies that enhance performance and ensure that they will maintain that performance for many years. Here’s what you need to know before you buy:

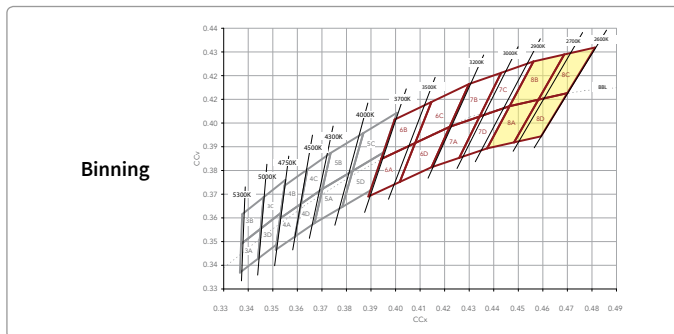
### Color Choice

LED lights are offered in a wide range of colors. Some fixtures even offer multiple colors from the same fixture. Unlike older technologies such as halogen and incandescent, LEDs can come in a range of different tones of white (as well as colors like red, blue or green). The shade of white you choose is important as it will have a major effect on how spaces feel - and how objects appear. This is called “color temperature” which is a measurement in degrees Kelvin (K) that indicates the color hue of a specific type of white light source.



### Color Consistency

Now that you have chosen which color is right for you, make sure that your manufacturer is able to consistently deliver products with matching colors from fixture to fixture. In LED manufacturing, there is a process called binning which is the process of separating LEDs based on their characteristics and assigning them a specific bin code. Proper binning ensures a high level of color consistency. For Imtra products, we choose from very specific bins so we can be confident that all the lights we deliver meet a rigid color consistency protocol.



### Thermal Management

While it is accurate that well-designed LED fixtures radiate no heat into an illuminated space, it does not mean that heat is not generated within the fixture at all. A small amount of conducted heat is a by-product of the process through which LEDs convert electrical energy into light. To achieve the high output and reliability desired for marine LED fixtures, this heat must be moved away from the LED through some sort of thermal management or heat-sinking within the fixture. Each manufacturer does this in different ways, so be sure to inquire how it is accomplished before you make a purchase.

### Warranty & Reliability

It is important to choose your LED manufacturer as carefully as you choose your fixtures. Make sure that you understand what level of support you can expect in case you have a problem. At Imtra, we proudly stand behind every product we sell. You can find detailed information about our product warranties on page 63.



**Cool White**

Cool White lights do a great job of enhancing the appearance of white gelcoat and light woods found in exterior spaces.



**Neutral White**

Neutral White lights, popular in European interior lighting design, provides slightly brighter illumination than Warm White without the bluish hue associated with Cool White. It is also proven to be an easier light to read by.



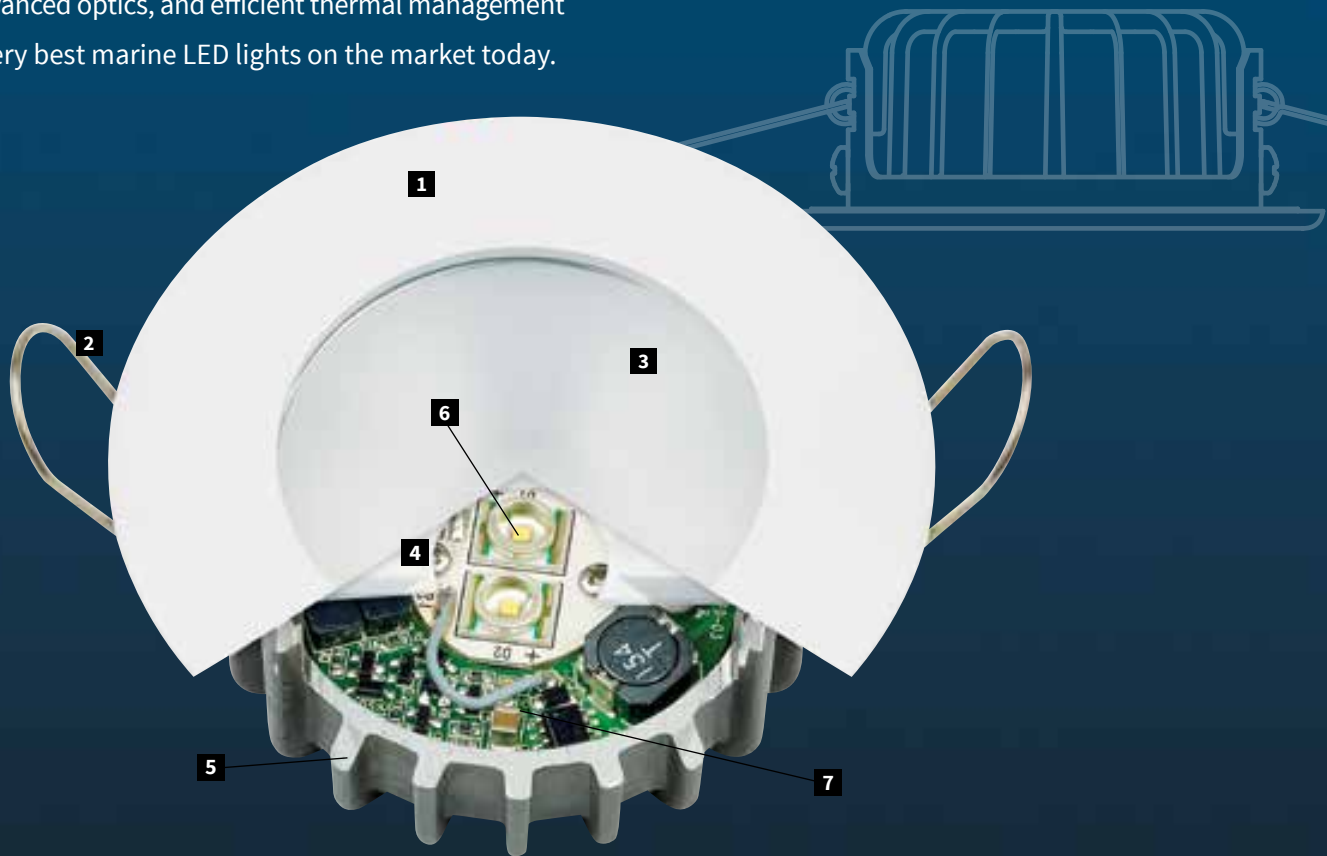
**Warm White**

Warm White lights can bring out the best in yacht interiors with traditional darker woods and warmer fabric colors.





Imtra is at the forefront in the development of LED products for today's marine market. As the "Anatomy of an Imtra LED" illustration shows, our LEDs combine high performance drive electronics, advanced optics, and efficient thermal management to create the very best marine LED lights on the market today.



### Anatomy of an Imtra LED

- 1** Stainless steel trim ring for lasting quality finish
- 2** Stainless steel mounting springs for easy installation (screw-mount fixtures available)
- 3** Frosted glass and molded acrylic lenses for glare-free, blended light output
- 4** Highly reflective optic for superior optical efficiency and light distribution
- 5** Anodized, die-cast aluminum heat-sink housing maximizes surface area for optimal thermal management
- 6** High flux LEDs mounted on aluminum core board to maintain low junction temperature and extend lumen maintenance
- 7** Integrated driver electronics featuring:
  - Constant current control of LEDs
  - PWM dimming interface
  - Voltage spike/transient suppression
  - Conducted and radiated emissions filtering
  - Long life, high temperature components
  - Corrosion-resistant conformal coating

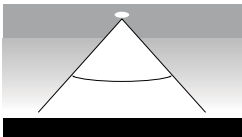


## What sets Imtra apart?

In recent years, LED technology and innovation has revolutionized marine lighting. Today, there are many choices for customers looking to take advantage of the latest in LED products. Here's why you should select Imtra for your boat.

### Better Output

"Total output" means more than just brightness. It's a combination of brightness, color, beam angle, physical appearance, and rendering on fabrics and surfaces. At Imtra, our painstaking approach to product design ensures that you will experience the very best total output from your fixture.



### Superior Engineering

You can be sure that an Imtra light is well engineered for efficiency, performance, and a lifetime of reliable service. Our extensive network of support specialists help us validate each design feature to make sure that our lights perform better than others on the market. And it doesn't stop when a light is first made. Models are constantly re-evaluated to see how performance may be enhanced. As a result, many of our models are brighter, have better color rendering and consume less power than the same model even a year or two before.

### Flexible Integration

Imtra products are designed to integrate with a host of different switching and automation systems available today. Our open architecture and reliable PWM interface make it easy for marine automation companies to integrate Imtra products into their systems. A few of the systems that our products integrate with include:



### The Best Support

Imtra works closely with customers at every level to help them create the ideal solution to their lighting needs. Our expert staff can assist with complete lighting plans for new boats and extensive refit projects. We are eager to work with boat yards and service facilities to help their customers upgrade their boats and can make the selection and order process quick and efficient for the yards. And, for boat owners and other DIY folks, we'll spend time with you on the phone or by email to determine which products help you accomplish that project you're looking to do. We want to help you put these products to use!

### Marine Experience

Imtra is much more than a lighting company. We are marine experts. This depth of knowledge in nearly every facet of recreational or commercial marine is invaluable in helping us make better marine lights. Our understanding of the environments in which our products will be used is critical to our design process. Imtra marine lights are not 'marinized' lights from some other application. Each product is designed and built to perform flawlessly in the marine environment.



Nordhavn 76

*"Nordhavn chose Imtra PowerLEDs as standard lighting on our vessels. They offer superior performance, with a level of engineering sophistication that our customers expect. Imtra's advanced LED solutions are simply the best!"*

– Jeff Leishman  
Owner / Chief Designer  
Pacific Asian Enterprises

## WAVE / SURF



### Key Features & Benefits

- Low profile round stainless steel bezel design (Wave)
- Designer-inspired molded square bezel (Surf)
- 2-wire power and dimming compatible with Imtra PowerLED PWM Controller
- Bi-color dimming with single momentary switch
- Integrated current-controlled drive circuitry
- Convenient spring mounting (no screws)

### LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool, Red/Neutral, Blue/Neutral



### Specifications

Beam angle (FWHM)	90°
Power consumption	4.7W
Luminous flux (lm)*	183
Lifetime hours (70% light output)	50,000
Halogen equivalency	25W
Input voltage	10-40VDC
Ingress protection (IP)	IP65

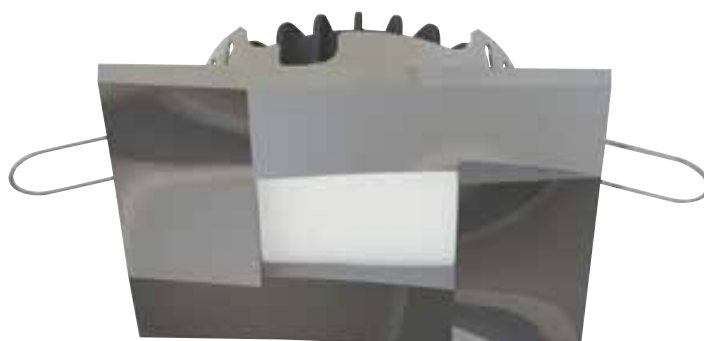
\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

### Finishes

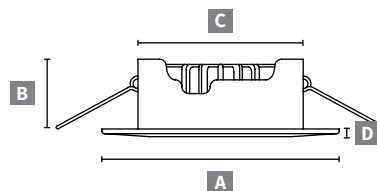
	Wave	Surf
Polished stainless steel	●	●
Mirror-polished chrome	●	●
Optional custom finish (IP varies)	●	



Wave



Surf



### Dimensions

	Wave		Surf	
<b>A</b> Trim Ring Width	ø3.63"	ø92mm	3.63" x 3.63"	92 x 92mm
<b>B</b> Recessed Depth	1.06"	27mm	1.05"	27mm
<b>C</b> Cutout	2.65"	67mm	2.65"	67mm
<b>D</b> Trim Ring Height	0.12"	3mm	0.22"	5.6mm





## BLADE / CARVE



### Key Features & Benefits

- Ultra-flat round stainless steel bezel design (Blade)
- Small diameter, low-profile molded square/square bezel (Carve)
- 2-wire power and dimming compatible with Imtra PowerLED PMW Controller
- Bi-color dimming with single momentary switch
- Integrated current-controlled drive circuitry
- Convenient spring mounting (no screws)

### LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool, Red/Neutral, Blue/Neutral



### Specifications

Beam angle (FWHM)	90°
Power consumption	4.7W
Luminous flux (lm)*	183
Lifetime hours (70% light output)	50,000
Halogen equivalency	25W
Input voltage	10-40VDC
Ingress protection (IP)	IP65

\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

### Finishes

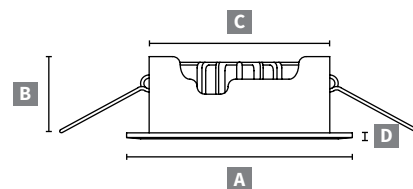
	Blade	Carve
Polished stainless steel	●	
Mirror-polished chrome		●
Brushed stainless steel	●	
Optional custom finish (IP varies)	●	



Blade



Carve



### Dimensions

	Blade		Carve	
<b>A</b> Trim Ring Width	ø3.63"	ø92mm	3.14" x 3.14"	80 x 80mm
<b>B</b> Recessed Depth	1.09"	28mm	1.05"	27mm
<b>C</b> Cutout	2.65"	67mm	2.65"	67mm
<b>D</b> Trim Ring Height	0.07"	1.8mm	0.08"	2mm

## POOL / RIPPLE / CURRENT



### Key Features & Benefits

- Choice of three stainless steel twist-on bezel designs
- 2-wire power and dimming compatible with Imtra PowerLED PWM controller
- Bi-color dimming with single momentary switch
- Integrated current-controlled drive circuitry
- Secure screw-mounting ideal for weather-exposed locations

### LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool, Red/Neutral, Blue/Neutral

**NEW!**  
2-Wire Power & Dimming!



Pool



Ripple



Current



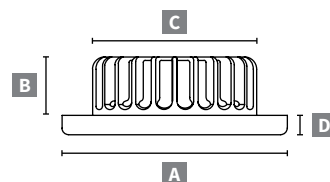
### Specifications

Beam angle (FWHM)	90°
Power consumption	4.7W
Luminous flux (lm)*	183
Lifetime hours (70% light output)	50,000
Halogen equivalency	25W
Input voltage	10-40VDC
Ingress protection (IP)	IP65

\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

### Finishes

	Pool	Ripple	Current
Polished stainless steel	●	●	●
Brushed stainless steel	●		
White	●		
Gold	●		
Optional custom finish (IP varies)	●	●	●



### Dimensions

	Pool		Ripple		Current	
<b>A</b> Trim Ring Diameter	3.43"	87mm	3.80"	96mm	3.71"	94mm
<b>B</b> Recessed Depth	1.05"	27mm	1.05"	27mm	1.05"	27mm
<b>C</b> Cutout	2.40"	61mm	2.40"	61mm	2.40"	61mm
<b>D</b> Trim Ring Height	0.29"	7.4mm	0.29"	7.4mm	0.26"	6.6mm



# TIDE



## Key Features & Benefits

- Small diameter twist-on round stainless steel bezel design
- Flush or surface mount models
- 2-wire power and dimming compatible with Imtra PowerLED PWM Controller
- Bi-color dimming with single momentary switch
- Integrated current-controlled drive circuitry

## LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool, Red/Neutral, Blue/Neutral



Tide

**NEW!**  
2-Wire Power & Dimming!



Tide w/Base & Switch



Tide w/Round Base

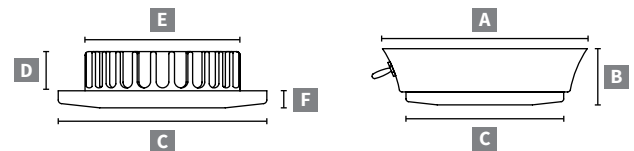
## Specifications

	Tide	Tide w/Base & switch	Tide w/Round Base
Beam angle (FWHM)	95°		
Power consumption	3.2W		
Luminous flux (lm)*	112		
Lifetime hours (70% light output)	50,000		
Halogen equivalency	10W		
Input voltage	10-40VDC		
Ingress protection (IP)	IP65	IP40	

\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

## Finishes

	Polished stainless steel	White	Brushed stainless steel	Optional custom finish (IP varies)
Polished stainless steel	●	●	●	
White	●	●	●	
Brushed stainless steel	●			
Optional custom finish (IP varies)	●			



## Dimensions

	Tide	Tide w/Base & Switch	Tide w/Round Base
<b>A</b> Base Diameter	N/A	3.70" 94mm	2.86" 73mm
<b>B</b> Bezel Height	N/A	1.02" 26mm	0.83" 21mm
<b>C</b> Trim Ring Diameter	2.86" 73mm	2.92" 74mm	2.86" 73mm
<b>D</b> Recessed Depth	0.55" 14mm	N/A	N/A
<b>E</b> Cutout	2.13" 54mm	N/A	N/A
<b>F</b> Trim Ring Height	0.24" 6mm	N/A	N/A



## A - SERIES



### Key Features & Benefits

- Choice of two low-profile trim ring diameters
- 2-wire power and dimming compatible with Imtra PowerLED PWM controller
- Bi-color dimming with single momentary switch
- Convenient spring mounting (no screws)

### LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool, Red/Neutral, Blue/Neutral



A-155



A-105

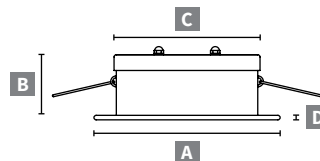
### Specifications

	A-105	A-155
Beam angle (FWHM)	96°	95°
Power consumption	4.7W	
Luminous flux (lm)*	216	
Lifetime hours (70% light output)	50,000	
Halogen equivalency	25W	
Input voltage	10-40VDC	
Ingress protection (IP)	IP65	

\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

### Finishes

Polished stainless steel	●	●
White	●	●



### Dimensions

	A-105		A-155	
<b>A</b> Trim Ring Width	4.13"	105mm	6.10"	155mm
<b>B</b> Recessed Depth	1.53"	39mm	1.35"	35mm
<b>C</b> Cutout	3.39"	86mm	5.36"	136mm
<b>D</b> Trim Ring Height	0.10"	3mm	0.10"	3mm

## T - SERIES



### Key Features & Benefits

- Choice of three trim ring diameters
- 2-wire power and dimming compatible with Imtra PowerLED PWM controller
- Bi-color dimming with single momentary switch
- Secure screw-mounting ideal for weather-exposed locations

### LED Colors

Single Color: Warm, Cool, Neutral

Bi-Color: Red/Warm, Blue/Warm, Red/Cool, Blue/Cool,

Red/Neutral, Blue/Neutral

**NEW!**  
2-Wire Power & Dimming!



T-180



T-155



T-105

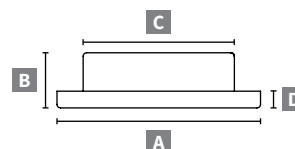
### Specifications

	T-105	T-155	T-180
Beam angle (FWHM)	88°	87°	86°
Power consumption	4.7W		
Luminous flux (lm)*	189	197	206
Lifetime hours (70% light output)	50,000		
Halogen equivalency	25W		
Input voltage	10-40VDC		
Ingress protection (IP)	IP65		

\* Luminous flux figures are for Warm White only. For other figures please refer to our website.

### Finishes

Polished stainless steel	●	●	●
White	●	●	
Optional custom finish (IP varies)		●	●



### Dimensions

	T-105		T-155		T-180	
<b>A</b> Trim Ring Width	4.13"	105mm	6.10"	155mm	7.09"	180mm
<b>B</b> Recessed Depth	1.36"	35mm	1.13"	29mm	1.08"	27mm
<b>C</b> Cutout	3.03"	77mm	4.18"	106mm	5.10"	130mm
<b>D</b> Trim Ring Height	0.35"	9mm	0.35"	9mm	0.35"	9mm



# SIGMA



## Key Features & Benefits

- The ultimate LED refit downlight
- 2-wire power and dimming (intervolt or DMS dimming)
- Flexible mounting with a range of options
- Compatible with 32V DC electrical systems
- Compatible with low voltage AC supplied by magnetic transformers (non-dimming)

## LED Colors

Single Color: Warm, Cool

2-Wire Power & Dimming!



## Specifications

Beam angle (FWHM)	83°
Power consumption	5W
Luminous flux (lm)*	197
Lifetime hours (70% light output)	50,000
Halogen equivalency	25W
Input voltage	10-40VAC/DC
Ingress protection (IP)	IP65

\*Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option).



Sigma Large



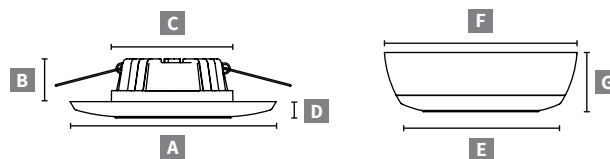
Sigma Small



Sigma Surface Mount

## Finishes

	Sigma Small	Sigma Large	Sigma Surface Mount
Polished stainless steel	●	●	●
Brushed stainless steel	●	●	
Optional custom finish (IP varies)	●	●	●



## Dimensions

	Sigma Small		Sigma Large	
A Trim Ring Diameter	3.57"	91mm	4.35"	110mm
B Recessed Depth	0.90"	23mm	0.90"	23mm
C Cutout	2.56"	65mm	2.56 - 3.42"	65 - 87mm
D Trim Ring Height	0.34"	9mm	0.34"	9mm

## Sigma Surface Mount

E Trim Ring Diameter	3.57"	91mm
F Base Diameter	4.07"	103mm
G Overall Height	1.25"	32mm



# OMEGA



## Key Features & Benefits

- Fixed lens with round or square trim and a pivoting “eyeball” model
- Extra high brightness and superior color rendering
- Integrated driver – compatible with Imtra PowerLED dimmer
- Full electrical protections including spike/transients

## LED Colors

Single Color: Warm



## Specifications

	Omega	Omega Square	Omega Eyeball
Beam angle (FWHM)	66°		
Power consumption	6.4W		
Luminous flux (lm)	350		
Lifetime hours (70% light output)	50,000		
Halogen equivalency	35W		
Input voltage	10-30VDC		
Ingress protection (IP)	IP65		IP20

## Finishes

Polished stainless steel	●	●	●
Brushed stainless steel	●	●	●
Optional custom finish (IP varies)	●	●	



Omega



Omega Square

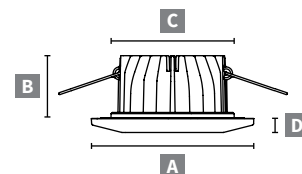


Omega Eyeball



ILIM80120

Omega is compatible with Imtra PowerLED Dimmer (IPD) (Find at imtra.com)



## Dimensions

	Omega	Omega Square	Omega Eyeball
<b>A</b> Trim Ring Width	3.74" 95mm	3.75" 95mm	3.74" 95mm
<b>B</b> Recessed Depth	1.45" 37mm	1.45" 37mm	1.70" 43mm
<b>C</b> Cutout	2.95" 75mm	2.95" 75mm	3.25" 83mm
<b>D</b> Trim Ring Height	0.32" 8mm	0.32" 8mm	0.36" 9mm

## TRI-COLOR SERIES



### Key Features & Benefits

- Select between Red, Blue and High Brightness White
- Just 2 wires control power and color selection
- Single on/off switch operation
- 10-40VDC input voltage range

### LED Colors

Tri-Color: Red/Blue/Cool, Red/Blue/Warm



Blade Tri-Color



### Specifications

	Wave, Surf, Blade, Carve Tri-Color	Pool, Ripple, Current Tri-Color	Sigma Series Tri-Color
Beam angle (FWHM)	90°	90°	83°
Power consumption	4.7W		5W
Luminous flux (lm)*	183	183	197
Lifetime hours (70% light output)	50,000		
Halogen equivalency	25W		
Input voltage	10-40VDC		
Ingress protection (IP)	IP65		

\* Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option).

### Finishes

	Wave	Surf	Blade	Carve	Pool	Ripple	Current	Sigma Small	Sigma Large	Sigma Surface
Polished stainless steel	●	●	●		●	●	●	●	●	●
Mirror-polished chrome	●	●		●						
Brushed stainless steel			●		●			●	●	
White					●					
Gold					●					
Custom finish (IP varies)	●		●		●	●	●	●	●	●



Wave Tri-Color



Surf Tri-Color



Carve Tri-Color







Pool Tri-Color



Ripple Tri-Color



Current Tri-Color



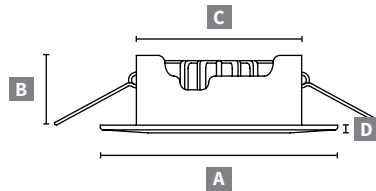
Sigma Small Tri-Color



Sigma Large Tri-Color

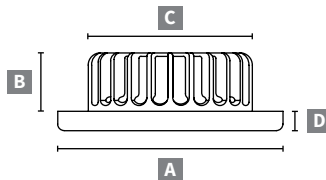


Sigma Surface Mount Tri-Color



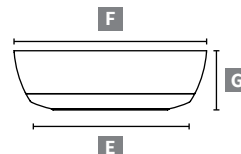
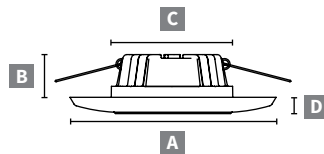
**Dimensions**

	Wave		Surf		Blade		Carve	
<b>A</b> Trim Ring Width	ø3.63"	ø92mm	3.63" x 3.63"	92 x 92mm	ø3.63"	ø92mm	3.14" x 3.14"	80 x 80mm
<b>B</b> Recessed Depth	1.06"	27mm	1.05"	27mm	1.09"	28mm	1.05"	27mm
<b>C</b> Cutout	2.65"	67mm	2.65"	67mm	2.65"	67mm	2.65"	67mm
<b>D</b> Trim Ring Height	0.12"	3mm	0.22"	5.6mm	0.07"	1.8mm	0.08"	2mm



**Dimensions**

	Pool		Ripple		Current	
<b>A</b> Trim Ring Diameter	3.43"	87mm	3.80"	96mm	3.71"	94mm
<b>B</b> Recessed Depth	1.05"	27mm	1.05"	27mm	1.05"	27mm
<b>C</b> Cutout	2.40"	61mm	2.40"	61mm	2.40"	61mm
<b>D</b> Trim Ring Height	0.29"	7.4mm	0.29"	7.4mm	0.26"	6.6mm



**Dimensions**

	Sigma Small		Sigma Large		Sigma Surface Mount		
<b>A</b> Trim Ring Diameter	3.57"	91mm	4.35"	110mm	<b>E</b> Trim Ring Diameter	3.57"	91mm
<b>B</b> Recessed Depth	0.90"	23mm	0.90"	23mm	<b>F</b> Base Diameter	4.07"	103mm
<b>C</b> Cutout	2.56"	65mm	2.56 - 3.42"	65 - 87mm	<b>G</b> Overall Height	1.25"	32mm
<b>D</b> Trim Ring Height	0.34"	9mm	0.34"	9mm			

## LARGO / GIBRALTAR



### Key Features & Benefits

- Contemporary design featuring stainless steel bezel
- Built-in push-button with tri-color dimming (Largo)
- Built-in switch for on/off or bi-color switching (Gibraltar)
- Integrated current regulated driver
- Full electrical protections including spike/transients

### LED Colors

Single Color: Warm, Cool (Gibraltar)

Bi-Color: Warm/Red, Cool/Blue (Gibraltar)

Tri-Color: Red/Blue/Warm, Red/Blue/Cool (Largo)



### Specifications

	Largo	Gibraltar
Beam angle (FWHM)	96°	93°
Power consumption	4.7W	
Luminous flux (lm)*	235	232
Lifetime hours (70% light output)	50,000	
Halogen equivalency	30W	
Input voltage	10-30VDC	
Ingress protection (IP)	IP65	

\* Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option)

### Finishes

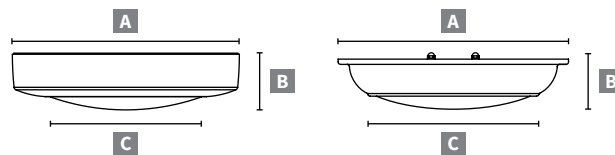
Polished stainless steel	●	●
Optional custom finish (IP varies)	●	



Largo



Gibraltar



### Dimensions

	Largo		Gibraltar	
<b>A</b> Base Diameter	6.00"	152mm	6.53"	166mm
<b>B</b> Bezel Height	1.50"	38mm	1.42"	36mm
<b>C</b> Trim Ring	3.99"	101mm	4.28"	109mm

# CAPTIVA



## Key Features & Benefits

- Pivoting center lens for directional lighting control
- Integrated driver – compatible with Imtra PowerLED dimmer
- Low profile 316 stainless steel bezel
- Models offered with and without built-in switch

## LED Colors

Single Color: Warm



## Specifications

Beam angle (FWHM)	62°
Power consumption	3.4W
Luminous flux (lm)	165
Lifetime hours (70% light output)	50,000
Halogen equivalency	20W
Input voltage	10-30VDC
Ingress protection (IP)	IP20

## Finishes

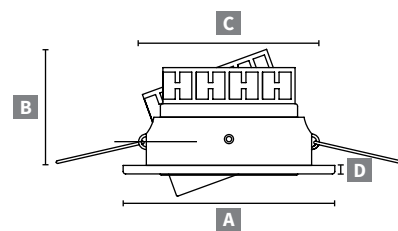
	Captiva	Captiva w/Switch
Polished stainless steel	●	●
White	●	
Brushed stainless steel	●	
Gold	●	



Captiva



Captiva w/Switch



## Dimensions

	Captiva		Captiva w/Switch	
<b>A</b> Trim Ring Diameter	3.32"	84mm	3.32"	84mm
<b>B</b> Recessed Depth (max)	1.65"	42mm	1.65"	42mm
<b>C</b> Cutout	2.95"	75mm	2.95"	75mm
<b>D</b> Trim Ring Height	0.15"	4mm	0.15"	4mm



Captiva is compatible with Imtra PowerLED Dimmer (IPD) (Find at imtra.com)

ILIM80120

## ST. MAARTEN



### Key Features & Benefits

- Hand-crafted blown glass shade in a variety of colors
- Available with round or rectangular base
- Integrated 1.0A USB charge port
- 355° lateral swivel (90° up/down)
- Accepts G4 halogen or LED bulb

### LED Colors

Single Color: Warm (halogen or LED bulb)



### Specifications\*

Beam angle (FWHM)	Omni-directional
Power consumption (LED bulb)	1.5W
Lifetime hours (70% light output) (LED bulb)	25,000
Halogen equivalency	10W
Input voltage	10-30VDC
Ingress protection (IP)	IP20

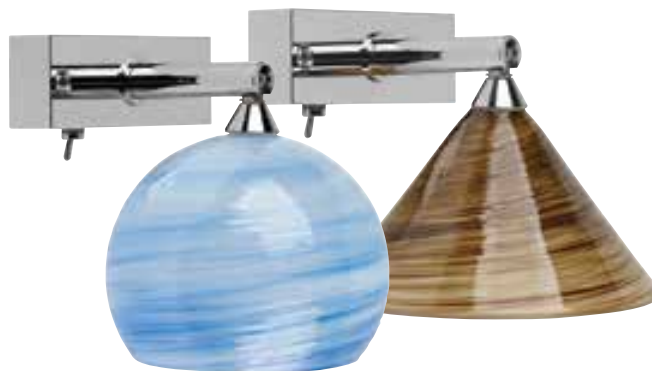
\* Specifications are based on use with LED bulb (sold separately)

### Finishes

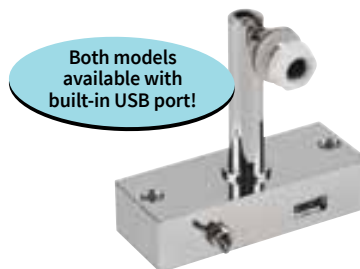
Chromed brass	●
---------------	---



St. Maarten 2 – Round Base  
(Shown with Sphere Shade (L), Martini Shade (R))



St. Maarten 3 – Rectangular Base  
(Shown with Sphere Shade (L), Martini Shade (R))

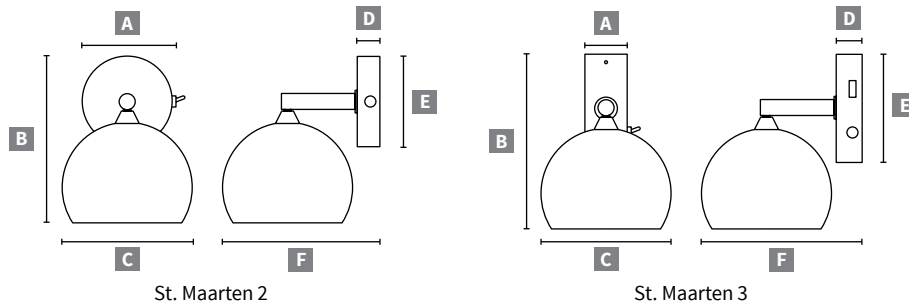


The unique, hand-crafted blown glass is made by America's oldest operating glass company. Master glassblowers at the Pairpoint Glass Company, now located in nearby Cape Cod, use the same time-tested techniques with some of the original tools that date back to the early 1800s when the company was founded in Boston, MA.

**NEW!**  
Expanded colors  
and styles

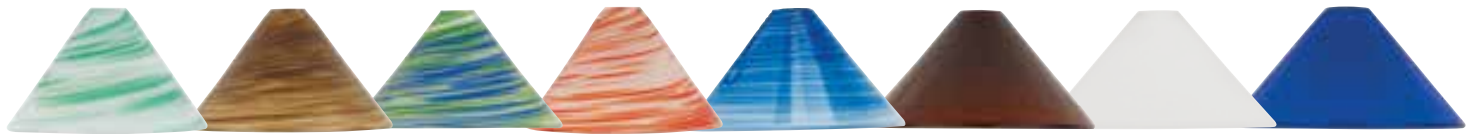


Cobalt-White      Blue      Light Blue Vortex

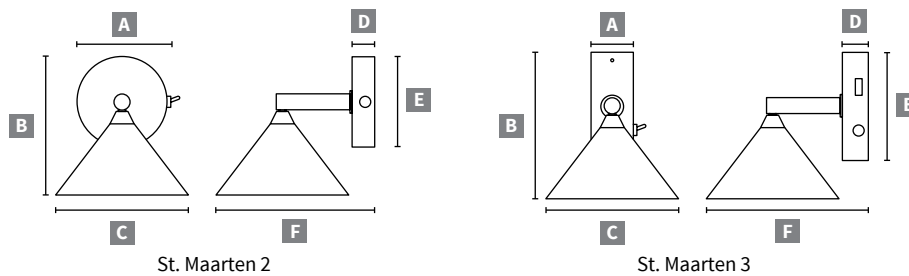


**Dimensions - Sphere Shade Versions**

	St. Maarten 2		St. Maarten 3	
<b>A</b> Base Width	2.81"	71.5mm	1.32"	33.5mm
<b>B</b> Total Height	4.12"	104.7mm	5.48"	139.2mm
<b>C</b> Max. Shade Width	4.06"	103.0mm	4.06"	103.0mm
<b>D</b> Base Depth from Wall	0.71"	18.0mm	0.82"	20.7mm
<b>E</b> Base Height	2.23"	56.7mm	3.38"	85.9mm
<b>F</b> Total Extension from Wall	3.9"	98.9mm	5.02"	127.4mm



Seafoam Swirl      Mocha Swirl      Blue-Green Swirl      Tangerine Swirl      Ocean Swirl      Amber      White      Blue



**Dimensions - Martini Shade Versions**

	St. Maarten 2		St. Maarten 3	
<b>A</b> Base Width	2.81"	71.5mm	1.32"	33.5mm
<b>B</b> Total Height	3.42"	86.9mm	4.60"	116.7mm
<b>C</b> Max. Shade Width	4.16"	105.7mm	4.16"	105.7mm
<b>D</b> Base Depth from Wall	0.71"	18.0mm	0.82"	20.7mm
<b>E</b> Base Height	2.23"	56.7mm	3.38"	85.9mm
<b>F</b> Total Extension from Wall	3.94"	100.0mm	4.02"	102.2mm

## VENICE / AUCKLAND



### Key Features & Benefits

- Use with B15d incandescent or LED “Tower” bulb (Venice)
- Low profile half shade design (sold separately)
- Integrated switch included (Venice)
- Integrated current regulated driver (Auckland)

### LED Colors

Single Color: Warm



### Specifications\*

	Venice	Auckland
Beam angle (FWHM)	Omni	36°
Power consumption	3.0W	
Luminous flux (lm)	N/A	92
Lifetime hours (70% light output)	50,000	
Halogen equivalency	20W	10W
Input voltage	10-30VDC	
Ingress protection (IP)	IP20	

\* Specifications are based on use with LED bulb (sold separately) for the Venice

### Finishes

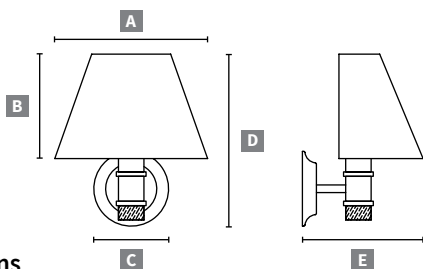
Polished stainless steel	●	
Chromed brass		●



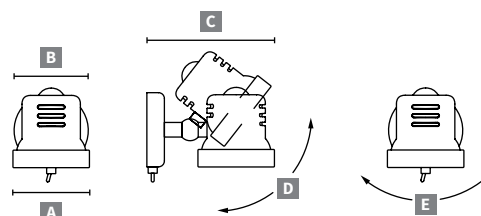
Venice



Auckland



Venice



Auckland

### Dimensions

<b>A</b> Shade/Half Shade Width	7.68"	195mm
<b>B</b> Shade Height	4.92"	125mm
<b>C</b> Mounting Base Diameter	3.66"	93mm
<b>D</b> Full Height	8.19"	209mm
<b>E</b> Extension From Wall	5.75"	146mm

### Dimensions

<b>A</b> Shade/Bell Diameter	2.62"	67mm
<b>B</b> Mounting Base Diameter	2.54"	65mm
<b>C</b> Extension From Wall	4.37"	111mm
<b>D</b> Vertical Movement	52°	
<b>E</b> Lateral Movement	120°	

## SYDNEY / HOBART



### Key Features & Benefits

- Contemporary design, solid brass construction
- 180° swiveling head (90° up/down)
- No radiated heat – safe to touch
- Integrated current regulated driver

### LED Colors

Single Color: Warm



### Specifications

Beam angle (FWHM)	34°
Power consumption	3.0W
Luminous flux (lm)	92
Lifetime hours (70% light output)	50,000
Halogen equivalency	10W
Input voltage	10-30VDC
Ingress protection (IP)	IP20



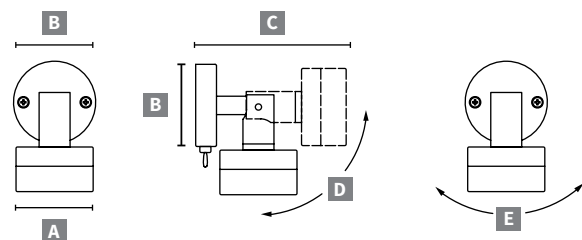
Sydney



Hobart

### Finishes

	Sydney	Hobart
Chromed brass	●	●



### Dimensions

	Sydney		Hobart	
<b>A</b> Shade/Bell Diameter	2.62"	67mm	2.17"	55mm
<b>B</b> Mounting Base	2.28"x0.98"	58x25mm	Ø2.30"	58mm
<b>C</b> Extension From Wall	4.37"	111mm	4.24"	108mm
<b>D</b> Vertical Movement		90°		90°
<b>E</b> Lateral Movement		180°		180°

# SURGE / EDGE / LUNAR



**NEW!**

## Key Features & Benefits

- Courtesy lights for all vessel types
- Choice of three distinct stainless steel bezel designs
- Convenient surface-mount installation
- Completely sealed 10-30VDC SMD LED assembly
- Blended and uniform illumination (no hot spots)

## LED Colors

Single Color: Warm, Cool, Neutral, Red, Blue



## Specifications

Beam angle (FWHM)	160°
Power consumption	<1.5W
Luminous flux (lm)*	20
Lifetime hours (70% light output)	50,000
Halogen equivalency	5W
Input voltage	10-30VDC
Ingress protection (IP)	IP67

\* Luminous flux figures are for neutral white only. Other figures are available on our website.

## Finishes

	Surge	Edge	Lunar
Polished stainless steel	●	●	●
Brushed stainless steel	●	●	●
Optional custom finish (IP varies)	●	●	●



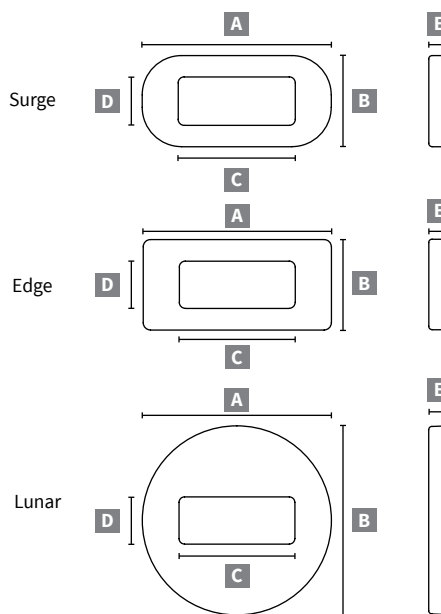
Surge



Edge



Lunar



## Dimensions

	Surge		Edge		Lunar	
<b>A</b> Length	3.47"	88.00mm	3.45"	87.00mm	Ø3.47"	88.00mm
<b>B</b> Width	1.67"	42.46mm	1.66"	42.18mm	Ø3.47"	88.00mm
<b>C</b> Lens Length	2.15"	54.56mm	2.13"	54.00mm	2.13"	54.00mm
<b>D</b> Lens Height	0.89"	22.56mm	0.87"	22.00mm	0.87"	22.00mm
<b>E</b> Depth	0.39"	10.00mm	0.39"	10.00mm	0.39"	10.00mm



# YUKON / DUXBURY



## Key Features & Benefits

- Courtesy lights for small and mid-sized yachts
- Extremely low power consumption
- Solid state circuitry – shock and vibration proof
- Integrated drivers for simplified wiring

## LED Colors

Single Color: Warm, Cool, Red, Blue (Yukon)

Single Color: Warm, Cool, Blue (Duxbury)



Yukon



Duxbury

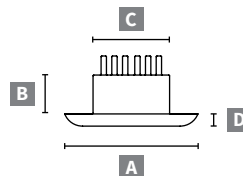
## Specifications

	Yukon	Duxbury
Beam angle (FWHM)	120°	Asymm.
Power consumption	1.5W	0.95W
Luminous flux (lm)*	35	9
Lifetime hours (70% light output)	50,000	
Halogen equivalency	>10W	<5W
Input voltage	10-30VDC	
Ingress protection (IP)	IP65	IP66

\* Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option)

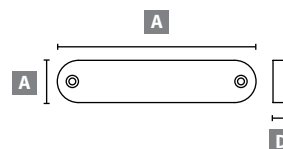
## Finishes

Polished stainless steel	●	●
White		●
Optional custom finish (IP varies)		●



## Dimensions

	Yukon	
A Trim Ring Diameter	1.74"	44mm
B Recessed Depth	0.76"	19mm
C Cutout	1.00"	25mm
D Trim Ring Height	0.16"	4mm



## Dimensions

	Duxbury	
A Trim Ring (l x w)	3.50 x 0.75"	89 x 19mm
B Recessed Depth	N/A	
C Cutout	N/A	
D Trim Ring Height	0.30"	8mm



# ACXENT

LED LINEAR LIGHTING SYSTEM

AcXent is a cut to length linear LED solution that offers a completely new approach to lighting. It provides a seamless light that emanates along natural delineations in the ceiling, improving the quality and overall theme of the living space. High power LEDs with modern optical design create a consistent, more natural light without the distracting glare or hot spots of traditional lights.



# ACXENT

## Key Features & Benefits

- Mounts to vessel stringers or directly to back of rigid headliner panel
- Pre-cut or custom lengths available from 4" to 96"
- UV stable PMMA lens diffuser for a blended, seamless illumination
- Compatible with many types of dimmers as well as centralized control systems
- Delivers 572 lumens per foot while consuming just over 6W

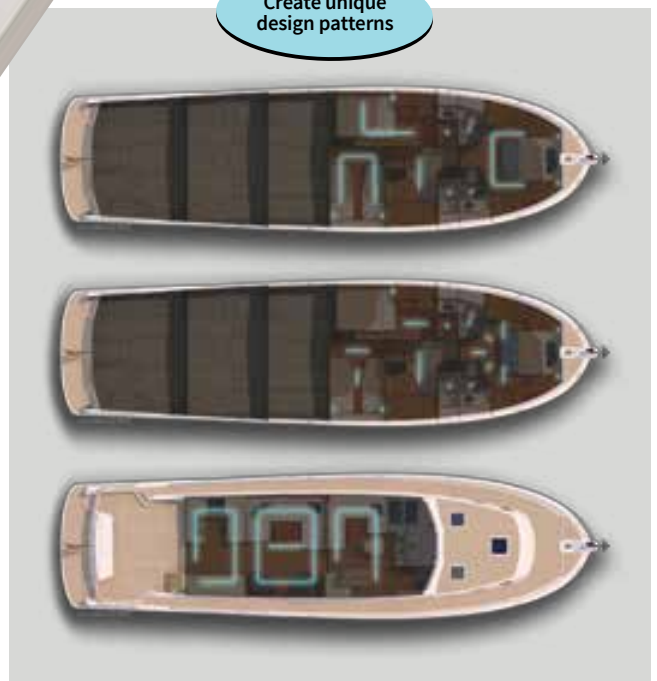
## LED Colors

Single Color: Warm



**NEW!**

Create unique design patterns



## Dimmer Compatibility

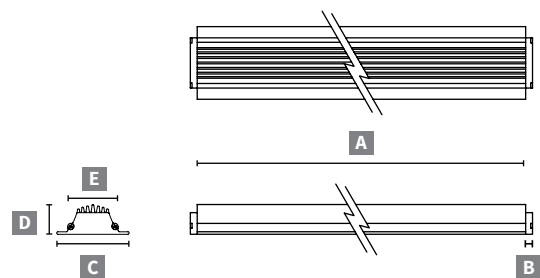
DC	AC	Central Control Systems
Intervolt	Trailing Edge	0-10V or PWM Signal Output
DMS Series	ELV	

## Specifications

	2'	4'	5'	8'
Beam angle (FWHM)	115°			
Power consumption	12.8W	25.6W	32W	51W
Luminous flux (lm)	1144	2288	2860	4576
Lifetime hours (70% light output)	50,000			
Input voltage	Requires constant 24VDC supply (+/-5%)			
Ingress protection (IP)	IP40			

## Finishes

Anodized aluminum	●
-------------------	---



## Dimensions

<b>A</b> Cutout Length	Up to 8'	
<b>B</b> Bracket Width	.25"	6.40mm
<b>C</b> Flange Width	2.67"	67.70mm
<b>D</b> Recessed Depth	1.00"	25.40mm
<b>E</b> Cutout Width	1.94"	49.20mm

# prebit®

Designed and constructed in Germany, Prebit yacht lights feature the latest in lighting technology and components made from the highest quality materials. Imtra's range of Prebit lights can provide a bright working light for cockpits and chart tables, or a soft, dispersed light for main cabins and berths. Our selection includes glass shade reading lights, brass-coil gooseneck chart lights, decorative wall sconces, and robust stainless steel downlights. All wall-mounted fixtures feature integrated digital dimmers with built-in momentary push-button control.



## MUNICH / BREMEN



### Key Features & Benefits

- Solid brass construction (Munich)
- Shade styles in solid or swirled glass or all metal (Munich)
- 350° adjustable swiveling head (Bremen)
- Built-in “soft-touch” dimming and control
- Integrated current regulated driver

### LED Colors

Single Color: Warm (Munich)

Bi-Color: Warm/Red (Bremen)

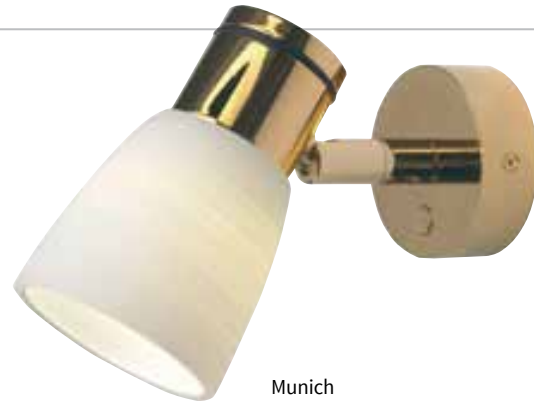


### Specifications

	Munich	Bremen
Beam angle (FWHM)	65°	90°
Power consumption	4.0W	3.0W
Luminous flux (lm)	192	192 (White) 39 (Red)
Lifetime hours (70% light output)	50,000	
Halogen equivalency	25W	15W
Input voltage	10-30VDC	
Ingress protection (IP)	IP20	

### Finishes

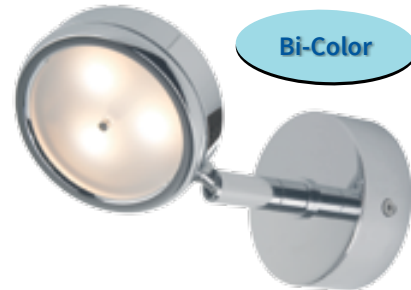
Gold	●	
Chrome	●	●
Matte chrome	●	●



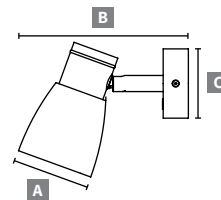
Munich



Shades (L-R): Brown Glass, Titanium Glass, All Metal



Bremen



### Dimensions

	Munich		Bremen	
<b>A</b> Shade Diameter	2.40"	61mm	3.32"	84mm
<b>B</b> Extension from Wall	5.60"	142mm	1.65"	42mm
<b>C</b> Base Diameter	2.16"	55mm	2.95"	75mm

## BERLIN / SYLT



### Key Features & Benefits

- Solid brass construction
- Hand-crafted glass shades
- Built-in “soft-touch” dimming
- Integrated current regulated driver

### LED Colors

Single Color: Warm



### Specifications

	Berlin	Sylt
Beam angle (FWHM)	Omni-directional	
Power consumption	7.5W	4.0W
Luminous flux (lm)	378	192
Lifetime hours (70% light output)	50,000	
Halogen equivalency	45W	25W
Input voltage	10-30VDC	
Ingress protection (IP)	IP20	

### Finishes

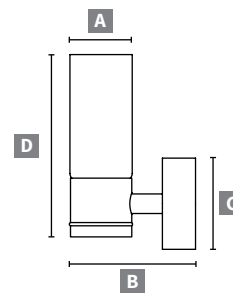
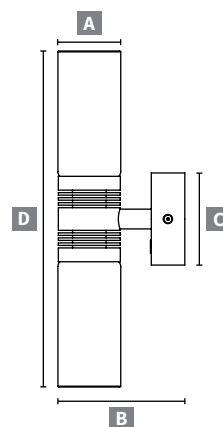
Finish	Berlin	Sylt
Gold	•	•
Chrome	•	•
Matte chrome	•	•



Berlin



Sylt



### Dimensions

	Berlin		Sylt	
<b>A</b> Shade Diameter (top)	2.16"	55mm	1.50"	38mm
<b>B</b> Extension From Wall	2.98"	76mm	3.23"	76mm
<b>C</b> Base Diameter	2.16"	55mm	2.16"	55mm
<b>D</b> Fixture Height	7.91"	201mm	4.29"	110mm

# KIEL / RUGEN / PROHN



## Key Features & Benefits

- Solid brass construction
- Integrated current regulated driver
- Built-in “soft touch” dimming
- Desktop or bulkhead mounting

## LED Colors

Single Color: Warm (Kiel, Prohn)

Bi-Color: Warm/Red (Rugen)

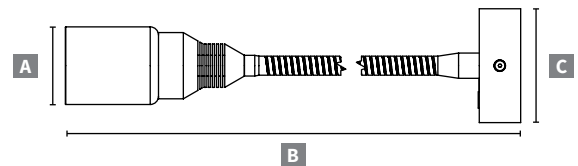


## Specifications

	Kiel	Rugen	Prohn
Beam angle (FWHM)	45°		25°
Power consumption	3.0W		
Luminous flux (lm)	145	170	140
Lifetime hours (70% light output)	50,000		
Halogen equivalency	15W	20W	15W
Input voltage	10-30VDC		
Ingress protection (IP)	IP20	IP40	IP20

## Finishes

Finish	Kiel	Rugen	Prohn
Gold	●	●	●
Chrome	●	●	●
Matte chrome	●	●	●



## Dimensions

	Kiel		Rugen		Prohn	
<b>A</b> Shade Diameter (top)	1.47"	37mm	0.6"	15mm	2.20"	56mm
<b>B</b> Ext. from Wall	16.00"	407mm	16.69"	424mm	14.25"	362mm
<b>C</b> Base Diameter	2.16"	55mm	2.17"	55mm	1.97"	50mm

## ROSTOCK / NOVA / JANA (Wall / Reading Lamps)



### Key Features & Benefits

- Solid brass construction
- Integrated constant-current driver
- Built-in “soft touch” dimming
- Switch between wall sconce and flexible reading light

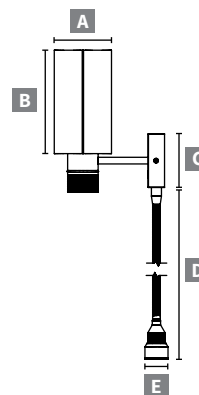
### LED Colors

Single Color: Warm



### Specifications

Beam angle (FWHM)	360° / 25°
Power consumption	6.0W (Wall) 2.5W (Reading)
Luminous flux (lm)	330 (Wall) 110 (Reading)
Lifetime hours (70% light output)	50,000
Halogen equivalency	35W (Wall) 10W (Reading)
Input voltage	10-30VDC
Ingress protection (IP)	IP20



Finishes	Rostock	Nova	Jana
Gold	●	●	●
Chrome	●	●	●
Matte chrome	●	●	●

Dimensions	Rostock		Nova		Jana	
A Shade Width	N/A		ø3.74"	ø95mm	3.74"	95mm
B Shade Height	4.92"	125mm	5.51"	140mm	5.51"	140mm
C Base Height	2.56"	65mm	2.56"	65mm	2.56"	65mm
D Ext. from Base	13.46"	342mm	13.46"	342mm	13.46"	342mm
E Diameter	1.1"	28mm	1.1"	28mm	1.1"	28mm





## ROSTOCK / NOVA / KATI (Table Lamps)



### Key Features & Benefits

- Solid brass construction
- Sturdy table mount base
- Integrated constant-current driver
- Built-in “soft-switch” dimming

### LED Colors

Single Color: Warm



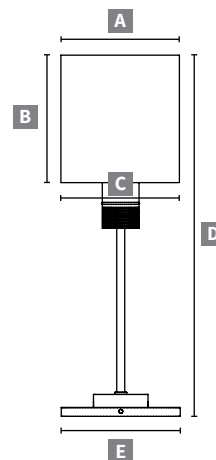
Rostock

Nova

Kati

### Specifications

Beam angle (FWHM)	360°
Power consumption	6.0W
Luminous flux (lm)	330
Lifetime hours (70% light output)	50,000
Halogen equivalency	35W
Input voltage	10-30VDC
Ingress protection (IP)	IP20



Finishes	Rostock	Nova	Kati
Gold	●	●	●
Chrome	●	●	●
Matte chrome	●	●	●

### Dimensions

	Rostock	Nova	Kati
<b>A</b> Shade Width	6.81" 173mm	ø4.72" 120mm	ø4.33" 110mm
<b>B</b> Shade Height	4.92" 125mm	4.72" 120mm	4.72" 120mm
<b>C</b> Shade Bottom	6.81" 173mm	ø4.72" 120mm	ø5.90" 150mm
<b>D</b> Total Height	14.02" 356mm	14.00" 355mm	14.00" 355mm
<b>E</b> Base	ø4.72" ø120mm	ø4.72" ø120mm	ø4.72" ø120mm



## ROSTOCK / LUBECK / JANA / NOVA (Wall Sconces)



### Key Features & Benefits

- Compact, modern design
- Solid brass construction
- Integrated constant-current driver
- Built-in smart switch dimmer

### LED Colors

Single Color: Warm



### Specifications

	Rostock	Lubeck	Jana	Nova
Beam angle (FWHM)	360°			
Power consumption	5.5W		6.0W	
Luminous flux (lm)	330			
Lifetime hours (70% light output)	50,000			
Halogen equivalency	35W			
Input voltage	10-30VDC			
Ingress protection (IP)	IP20			

### Finishes

Finish	Rostock	Lubeck	Jana	Nova
Gold			●	●
Chrome	●	●	●	●
Matte chrome	●	●	●	●



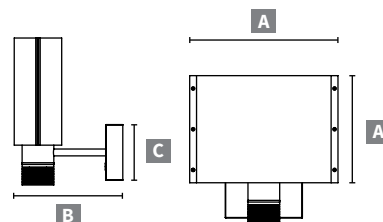
Rostock

Lubeck



Jana

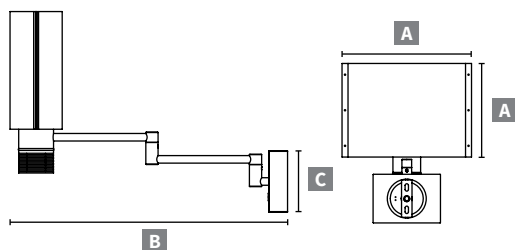
Nova



### Dimensions

Rostock

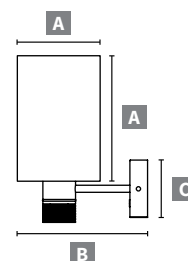
<b>A</b> Shade (w x h)	6.89 x 4.92"	175 x 125mm
<b>B</b> Extension from Wall	4.92"	125mm
<b>C</b> Base (w x d x h)	3.55 x 0.82 x 2.57"	90 x 21 x 65mm



### Dimensions

Lubeck

<b>A</b> Shade (w x h)	6.89 x 4.92"	175 x 125mm
<b>B</b> Extension From Wall	12.01"	305mm
<b>C</b> Base (w x d x h)	3.55 x 0.82 x 2.57"	90 x 21 x 65mm



### Dimensions

Jana

Nova

<b>A</b> Shade (w x h)	5.51 x 3.74"	140 x 95mm	ø5.51 x 3.74"	140 x 95mm
<b>B</b> Extension From Wall	12"	305mm	12"	305mm
<b>C</b> Base (w x d x h)	3.55 x 0.82 x 2.57"	90 x 21 x 65mm	ø2.17. x 0.79"	ø55 x 20mm

# BANSIN / NORDEN / SAXONY



## Key Features & Benefits

- Bansin center eyeball adjustable to 25°
- Norden's built-in dimmer controls both White and Red LED output
- Saxony provides optimal lighting effect via rotating design and built-in dimmer

## LED Colors

Single Color: Warm, Red (Bansin)

Bi-Color: Warm/Red, Warm/Blue (Norden)

Single Color: Warm (Saxony)



Bansin



Norden (Bi-color)



Saxony



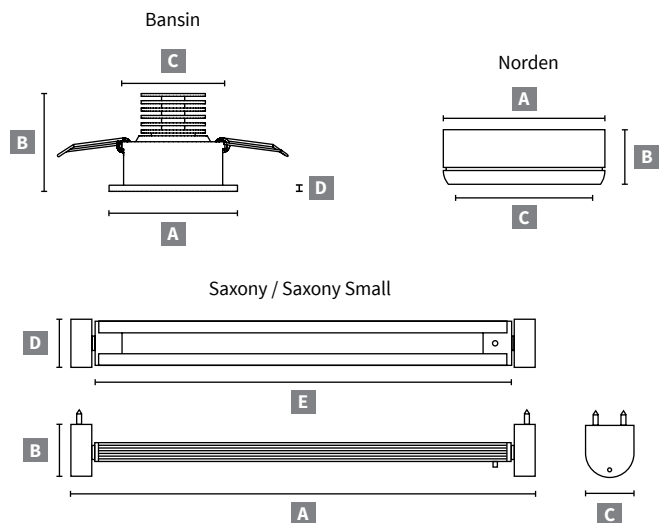
Saxony Small

## Specifications

	Bansin	Norden	Saxony	Saxony Small
Beam angle (FWHM)	25°	90°	270°	
Power consumption	3W	3W	6W	3W
Luminous flux (lm)	95	192	485	243
Lifetime hours (70% light output)	50,000			
Halogen equivalency	10W	25W	50W	25W
Input voltage	10-30VDC			
Ingress protection (IP)	IP20	IP20	IP40	IP40

## Finishes

Gold		●	●	●
Chrome	●	●	●	●
Matte chrome		●	●	●



## Dimensions

	Bansin		Norden		Saxony		Saxony Small	
<b>A</b>	1.73"	44mm	2.36"	60mm	13.1"	334mm	6.6"	184mm
<b>B</b>	1.32"	33mm	0.79"	20mm	1.48"	37.5mm	1.48"	37.5mm
<b>C</b>	1.5"	38mm	2.36"	60mm	1.38"	35mm	1.38"	35mm
<b>D</b>	0.43"	11mm	N/A		1.38"	35mm	1.38"	35mm



# CABIN

## DENMARK

Cabin Denmark lamps give your yacht a touch of luxury and distinctive Old World charm. Imtra's selection of Cabin lights includes the Cabin and Ocean reading light and the Ocean Chart lamp. Each model features the authentic Danish craftsmanship and attention to detail that have made Cabin lights a favorite of boat owners and builders for decades.



# CABIN DANISH LIGHTS



## Key Features & Benefits

- The original Cabin “Frigast” yacht lights
- Traditional Danish styling & workmanship
- Stainless steel construction
- May be supplied with high output G4 bi-pin LED bulb

## LED Colors

Single Color: Warm, Cool



## Specifications\*

Beam angle (FWHM)	120°
Power consumption	2.2W
Luminous flux (lm)	120
Lifetime hours (70% light output)	25,000
Halogen equivalency	10W
Input voltage	10-30VDC
Ingress protection (IP)	IP20

\* Specifications are based on use with X-Beam Warm White LED bulb

## Finishes

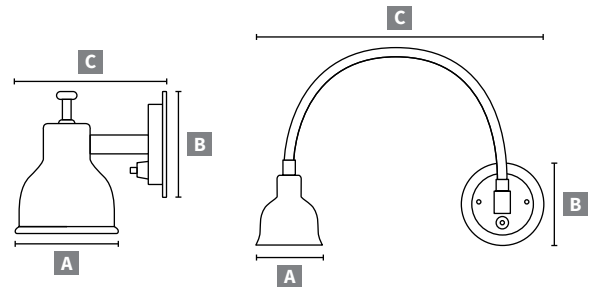
	Cabin	Ocean	Ocean Chart
Polished stainless steel		●	●
PVD Gold	●		
Chromed brass	●		



Cabin



Ocean



## Dimensions- Cabin

A	Shade/Bell Diameter	3.63"	92mm
B	Mounting Base Diameter	3.63"	92mm
C	Extension From Wall	5.13"	130mm

## Dimensions- Ocean

	Small	Medium	
A	Shade/Bell Diameter	2.88" 73mm	3.63" 92mm
B	Mounting Base Diameter	3.63" 92mm	3.63" 92mm
C	Extension From Wall	4.38" 111mm	5.00" 127mm

## Dimensions- Ocean Chart

	Small	Medium	
A	Shade/Bell Diameter	3.00" 76mm	3.63" 92mm
B	Mounting Base Diameter	3.63" 92mm	3.63" 92mm
C	Extension From Wall	15.75" 400mm	15.75" 400mm



Frensch Lighting is world-renowned for products that combine German ingenuity and design with high quality materials. Imtra is your source for Frensch lighting fixtures including surface-mount lights, recessed lights and flexible chart lights. They offer efficient, space-saving solutions while providing plenty of power to meet your needs. Frensch low profile surface-mount and recessed lights also feature the unique illuminated touch sensor – switching without any switches!



## F - 4 & F - 2 6 C H A R T L I G H T S



### Key Features & Benefits

- Flexible umbilical (gooseneck) design chart lights
- TouchLED switch technology
- Bulkhead and table mount options
- Programmable “red” nightlight function (F-4 only)

### LED Colors

Single Color: Cool, Red (F-26)

Bi-Color: Cool/ Red (F-4)



Bulkhead Mount



F-4

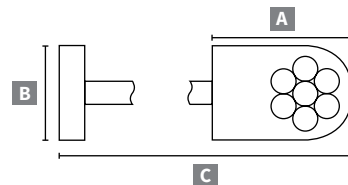
F-26

### Specifications

	F-4	F-26	F-4 Long
Beam angle (FWHM)	44°	29°	44°
Power consumption	2.0W	2.0W	2.0W
Luminous flux (lm)	85	75	75
Lifetime hours (70% light output)	50,000		
Halogen equivalency	10W		
Input voltage	10-30VDC		
Ingress protection (IP)	IP50		

### Finishes

Black	●
-------	---



### Dimensions

	F-4		F-26		F-4 Long	
<b>A</b> Shade Dimensions	Ø1.97"	50mm	2.75 x 1.77 x 0.60"	70 x 45 x 15mm	Ø1.97"	50mm
<b>B</b> Base Diameter	1.36"	35mm	1.36"	35mm	1.36"	35mm
<b>C</b> Full Extension	11.81"	300mm	11.81"	300mm	19.69"	500mm

## F - 2 8



### Key Features & Benefits

- Ultra slim surface-mount form factor
- High lumen, non-glare light output
- Single color and bi-color models available
- Rear or side-entry cabling
- Certified ignition protected

### LED Colors

Single Color: Cool, Warm

Bi-Color: Cool/Blue; Cool/Green; Warm/Blue; Warm/Green

Warm/Red; Cool/Red



### Specifications

Beam angle (FWHM)	80°
Power consumption	7W
Luminous flux (lm)*	600
Lifetime hours (70% light output)	50,000
Halogen equivalency	65W
Input voltage	10-30VDC
Ingress protection (IP)	IP67

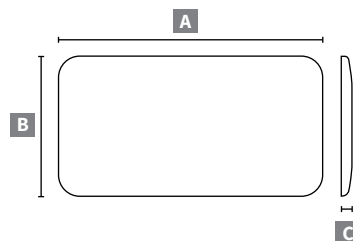
\* Luminous flux figures are for cool white only. Other figures are available on our website.

### Finishes

Opaque	●
--------	---



Models available with integrated "touch" sensor switch



### Dimensions

A	Length	6.70"	170mm
B	Width	3.54"	90mm
C	Height	0.51"	13mm



## F - 2 2



### Key Features & Benefits

- Ultra low profile surface-mount design
- Dual color output with illuminated touch sensor switch
- Non-glare semi-transparent PCB lens
- Integrated drive electronics

### LED Colors

Bi-Color: Warm/Red, Cool/Red, Cool/Blue, Warm/Blue



F-22

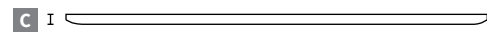
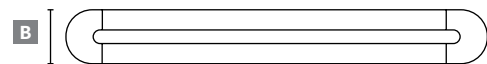
### Specifications

Beam angle (FWHM)	117°
Power consumption	8W
Luminous flux (lm)*	550
Lifetime hours (70% light output)	50,000
Halogen equivalency	55W
Input voltage	10-30VDC
Ingress protection (IP)	IP67

\* Luminous flux figures are for cool white only. Other figures are available on our website.

### Finishes

Opaque	●
--------	---



### Dimensions

<b>A</b> Length	10.63"	270mm
<b>B</b> Width	1.57"	40mm
<b>C</b> Height	0.31"	8mm

## RESOLUX 805 SERIES



### Key Features & Benefits

- Attractive low profile surface-mount design
- Environmentally friendly solution replacing legacy fluorescent fixtures
- Optional integrated switch
- Wide beam angle and excellent color rendering

### LED Colors

Single Color: Warm, Cool



### Specifications

	805	805 Long Light
Beam angle (FWHM)	100°	
Power consumption	8W	16W
Luminous flux (lm)*	500	1,000
Lifetime hours (70% light output)	50,000	
Halogen equivalency	50W	100W
Input voltage	10-30VDC	
Ingress protection (IP)	IP65**	

\* Luminous flux figures are for cool white only. Other figures are available on our website.

\*\* Switched versions are IP40

### Finishes

White	●
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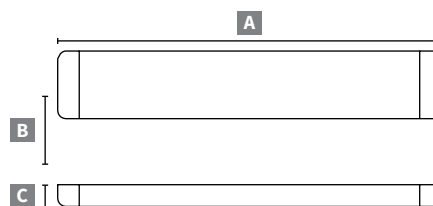
Resolux 805 Series is compatible with our DMS Series dimmers (pg. 57)



805



805 Long Light



### Dimensions

	805		805 Long Light	
A Length	13.80"	351mm	26.80"	655mm
B Width	1.93"	49mm	1.93"	49mm
C Height	0.63"	16mm	0.63"	16mm

# RESOLUX 871 / 872 / 873



## Key Features & Benefits

- Surface mount with 270° rotation
- Integrated 10-30VDC drive electronics
- Integrated push-button dimming
- Illuminated dimmer switch is easily located in the dark
- No radiated heat – safe to touch



## LED Colors

Single Color: Warm

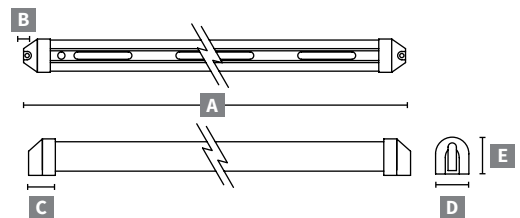


## Specifications

	871	872	873
Beam angle (FWHM)	58°		
Power consumption	3W	6W	9W
Luminous flux (lm)	200	400	600
Lifetime hours (70% light output)	50,000		
Halogen equivalency	20W	40W	60W
Input voltage	10-30VDC		
Ingress protection (IP)	IP40		

## Finishes

White	●
-------	---



## Dimensions

	871	872	873
<b>A</b> Length	9.41" 239mm	9.80" 249mm	24." 619mm
<b>B</b> Hole Spacing	0.14" 3.43mm	0.14" 3.43mm	0.14" 3.43mm
<b>C</b> Width	0.98" 25mm	0.98" 25mm	0.98" 25mm
<b>D</b> End Cap Width	1.22" 31.0mm	1.22" 31.0mm	1.22" 31.0mm
<b>E</b> Height	1.35" 34.30mm	1.35" 34.30mm	1.35" 34.30mm

## F - 3 0



### Key Features & Benefits

- LED replacement for Resolux 700 Series fluorescent
- A+ Energy Efficiency Rating (EU-Directive 87412012)
- Dimming compatibility with most halogen PWM digital dimmers
- Rear or surface-mount cabling
- Wide beam illumination
- UV stable PC lens will not yellow over time
- Maintenance free: no bulbs to change or store

### LED Colors

Single Color: Warm, Cool



### Specifications

	F-30.1	F-30.2	F-30.3	F-30.4
Beam angle (FWHM)	108°			
Power consumption	8W	16W	24W	32W
Luminous flux (lm)*	600	1300	1800	2600
Lifetime hours (70% light output)	50,000			
Halogen equivalency	65W	130W	195W	260W
Input voltage	12VDC or 24VDC			
Ingress protection (IP)	IP40			

\* Luminous flux figures are for cool white only. Other figures are available on our website.

### Finishes

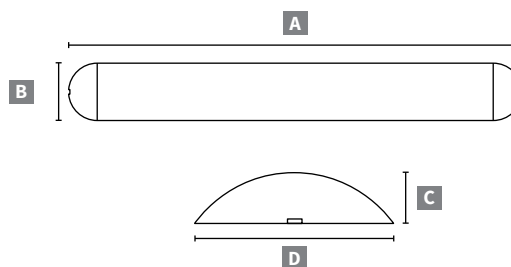
White	●
-------	---



F-30 Series is compatible with our DMS Series dimmers (pg. 57)



F-30



### Dimensions

	F-30.1	F-30.2	F-30.3	F-30.4
<b>A</b> Length	15.12" 384mm	26.53" 674mm	37.95" 964mm	49.37" 1254mm
<b>B</b> Width	3.35" 85mm	3.35" 85mm	3.35" 85mm	3.35" 85mm
<b>C</b> Height	0.87" 22mm	0.87" 22mm	0.87" 22mm	0.87" 22mm

## F - 4 0

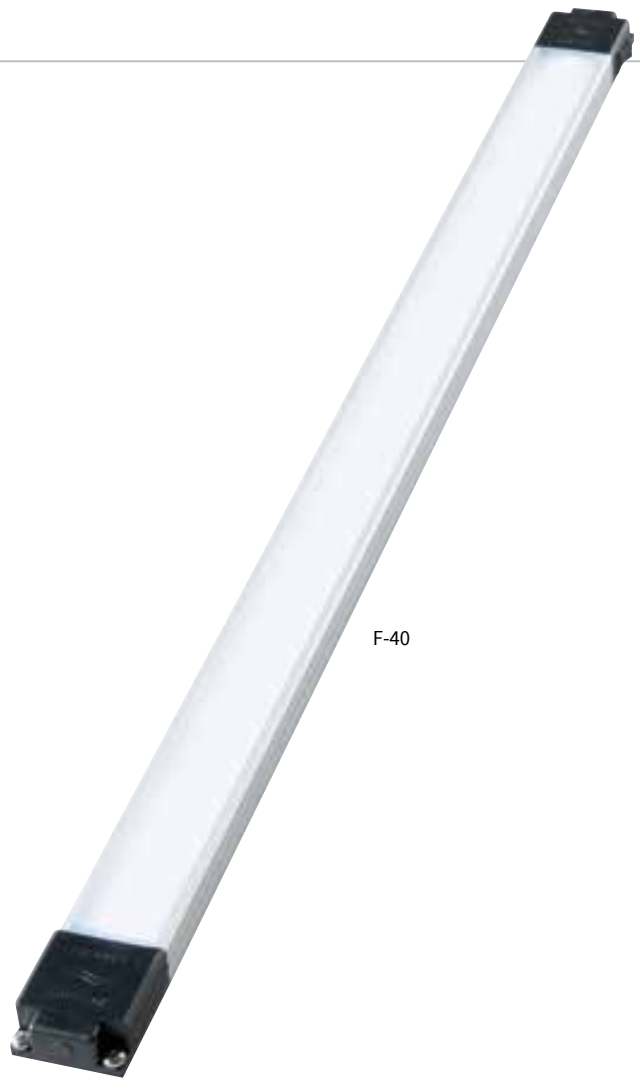


### Key Features & Benefits

- Super thin low-profile design
- Easily mounts to any surface with just 4 screws (provided)
- Completely blended, neon-like illumination
- Models available with or without switch
- Anodized aluminum housing for excellent thermal management

### LED Colors

Single Color: Warm, Cool



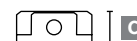
### Specifications

	F-40.1	F-40.2	F-40.3	F-40.4
Beam angle (FWHM)	105°			
Power consumption	9W	18W	27W	36W
Luminous flux (lm)*	700	1400	2100	2800
Lifetime hours (70% light output)	50,000			
Halogen equivalency	70W	140W	210W	280W
Input voltage	10-30VDC			
Ingress protection (IP)	IP50			

\* Luminous flux figures are for cool white only. Other figures are available on our website.

### Finishes

Aluminum	●
----------	---



### Dimensions

	F-40.1	F-40.2	F-40.3	F-40.4
<b>A</b> Length	19.68" 500mm	36.81" 935mm	53.93" 1370mm	71.06" 1805mm
<b>B</b> Width	1.18" 30mm	1.18" 30mm	1.18" 30mm	1.18" 30mm
<b>C</b> Height	0.51" 13mm	0.51" 13mm	0.51" 13mm	0.51" 13mm

## F - 23 & F - 25



### Key Features & Benefits

- Special application luminaires for interior and exterior
- F-23 provides a subtle indirect wall-wash effect
- F-23 is compatible with DMS series dimmers
- F-25 is ideally suited for fishing boat cockpits where extra brightness is appreciated
- Integrated drive electronics simplifies wiring

### LED Colors

Single Color: Warm, Cool, Red, Blue, Green (F-23)

Single Color: Warm, Cool (F-25)



F-23



F-25

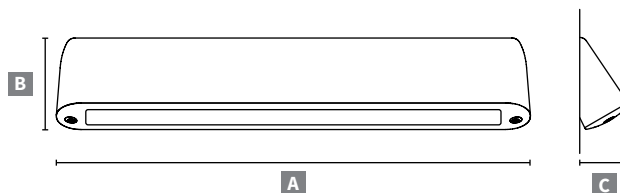
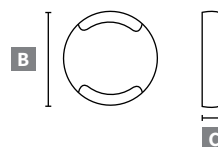
### Specifications

	F-23	F-25
Beam angle (FWHM)	Wall Wash	91°
Power consumption	0.5W	17W
Luminous flux (lm)*	25	1000
Lifetime hours (70% light output)	50,000	
Halogen equivalency	5W	100W
Input voltage	10-30VDC	
Ingress protection (IP)	IP67	

\* Luminous flux figures are for Cool White only. Warm White figures are available on our website (when Warm White is an option)

### Finishes

White	•	•
Chrome	•	
Black	•	



### Dimensions

	F-23	F-25
A Length	N/A	13.47" 342mm
B Width	Ø1.41" 36mm	2.60" 66mm
C Height	0.35" 9mm	1.34" 35mm





LEDs have revolutionized the way we illuminate our living environments on board. Nowhere else is the brightness and reliability of LEDs more appreciated than in work areas such as engine rooms and utility spaces. LEDs are impervious to shock and vibration, and since they require no warm-up period, full brightness is realized immediately, even when it's cold! All our utility lights, including those using traditional light sources, are specific for marine use, impervious to moisture, corrosion and soot.



## IS SERIES



**NEW!**

### Key Features & Benefits

- Ultra-thin profile for near flush installations
- Automatic thermal rollback prevents overheating
- UV-stable PMMA (acrylic) housing
- Waterproof
- Ignition-Protected (safe with gas engines)
- Stand-off bezel option for surface-cabing

### LED Colors

Single Color: Cool

Single Color: Cool, Warm, Blue (IS3)



### Specifications

	IS3	IS15	IS30	IS60	IS120
Beam angle (FWHM)	120°				
Power consumption	1.75W	8.5W	17W	68W	64W
Luminous flux (lm)	150*	850	1700	3400	6900
Lifetime hours (70% light output)	50,000				
Halogen equivalency	N/A				
Input voltage	12VDC	10-14V	20-27VDC	10-30VDC	
Ingress protection (IP)	IP68				

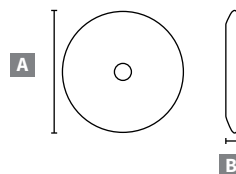
\* Luminous flux figures are for cool white only. For other figures please refer to our website.



IS3

### Finishes

Acrylic	●
---------	---



### Dimensions

IS3

<b>A</b> Diameter	ø2.0"	ø51mm
<b>B</b> Height	0.23"	6mm





IS15



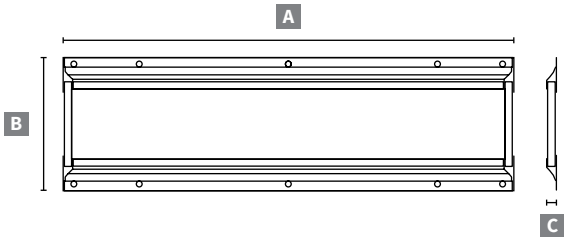
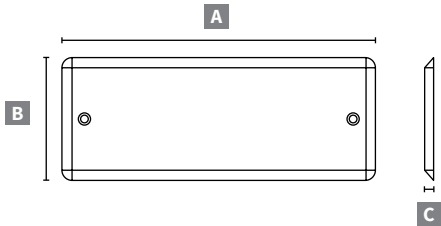
IS30



IS60



IS120



Dimensions	IS15		IS30	
<b>A</b> Length	8.00"	203mm	14.00"	356mm
<b>B</b> Width	3.13"	79mm	3.13"	79mm
<b>C</b> Height	0.24"	6mm	0.24"	6mm

Dimensions	IS60		IS120	
<b>A</b> Length	24.16"	603mm	44.16"	112mm
<b>B</b> Width	7.16"	181mm	7.16"	181mm
<b>C</b> Height	0.24"	14mm	0.24"	14mm

## 2' & 4' LED ENGINE ROOM LIGHTS



### Key Features & Benefits

- Quality engineered to resist rust, corrosion, moisture, dust, and impact
- High quality LEDs and driver ensure high reliability and durability
- 105 lms/watt (2' model), 96 lms/watt (4' model)
- 0.125" thick aluminum plate heat sink for optimal thermal management
- Compression-molded fiberglass reinforced polyester housing
- Impact-resistant polycarbonate prismatic lens with smooth surface
- Continuous poured-in-place gasket for seal integrity against moisture and dust
- Models with or without stainless steel mounting straps

### LED Colors

Single Color: Cool



### Specifications

	2' LED ERL	4' LED ERL
Beam angle (FWHM)	115°	
Power consumption	42W	92W
Luminous flux (lm)	4400	8800
Lifetime hours (70% light output)	81,000	50,000
Halogen equivalency	N/A	
Input voltage	120-277VAC, 60 Hz	
Ingress protection (IP)	IP65	

### Finishes

White	●
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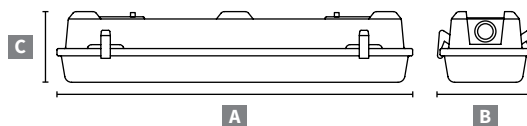
2' ERL



4' ERL



Mounting straps available for both models



### Dimensions

	2' ERL		4' ERL	
<b>A</b> Length	26.00"	660mm	50.00"	1270mm
<b>B</b> Width	6.50"	165mm	6.50"	165mm
<b>C</b> Height	5.50"	140mm	5.25"	133mm

## 2' & 4' FLUORESCENT ENGINE ROOM LIGHTS



### Key Features & Benefits

- Non-corrosive FRP housing & PCB lens
- Program start electronic HPF ballast
- Highly efficient T5 HO fluorescent lamps (included)
- Models with or without stainless steel mounting straps

### Bulb Colors

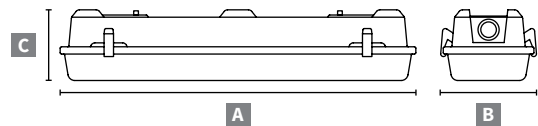
Single Color: Cool



Specifications	2' ERL	4' ERL
Beam angle (FWHM)	180°	
Power consumption	48W	108W
Luminous flux (lm)	4,000	10,000
Lifetime hours (70% light output)	15,000	
Halogen equivalency	N/A	
Input voltage	120-277VAC	
Ingress protection (IP)	IP65	

### Finishes

White	●
-------	---



### Dimensions

	2' ERL		4' ERL	
<b>A</b> Length	26.00"	660mm	50.00"	1270mm
<b>B</b> Width	6.50"	165mm	6.50"	165mm
<b>C</b> Height	5.50"	140mm	5.25"	133mm



# IML DECK LIGHTS



**NEW!**

## Key Features & Benefits

- Replaces power-hungry 55W & 100W halogens
- A++ Energy Efficiency Rating (EU-Directive 87412012)
- Low copper ADS 12 Die-Cast Aluminum Housing
- Durable Electrostatic Applied Epoxy Coating
- Extra-long marine-grade sheathed copper stranded cable
- IP67 Waterproof Rating

## LED Colors

Single Color: Cool



## Specifications

	ILD-L10-04	ILSL-1806F	ILSL-1806FB
Beam angle (FWHM)	30°		
Power consumption	10W	16W	
Luminous flux (lm)	700	1050	
Lifetime hours (70% light output)	30,000		
Halogen equivalency	55W	100W	
Input voltage	10-30VDC		
Ingress protection (IP)	IP67		

## Finishes

	ILD-L10-04	ILSL-1806F	ILSL-1806FB
White	●	●	
Black			●



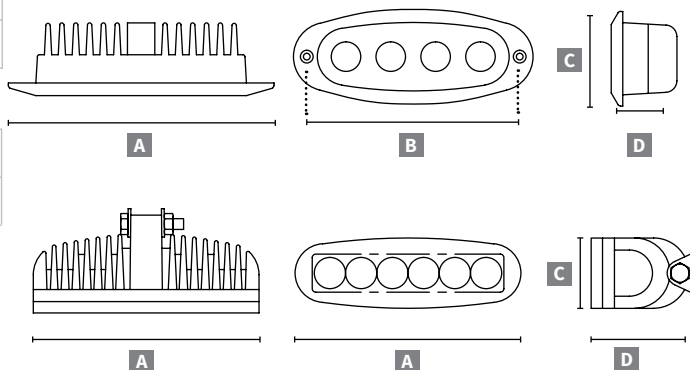
ILD-L10-04



ILSL-1806F



ILSL-1806FB



## Dimensions

	ILD-L10-04		ILSL-1806F/1806FB	
A Length	5.76"	146.35mm	6.26"	159.00mm
B Mounting centers	5.11"	129.80mm	N/A	
C Height	2.27"	57.68mm	1.95"	49.50mm
D Depth	1.30"	33.00mm	3.50"	88.91mm

# ALPHA LED SPREADER LIGHT BAR

## Key Features & Benefits

- Rugged marine grade anodized aluminum housing
- Fully potted and sealed with no mechanical fasteners for waterproofness
- Air-free design means no fogging and no chance of water intrusion
- Advanced automatic thermal rollback prevents overheating
- Provided with stainless steel mounting brackets
- Other mounting options available

## LED Colors

Single Color: Cool

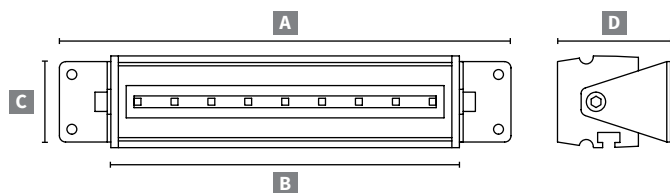
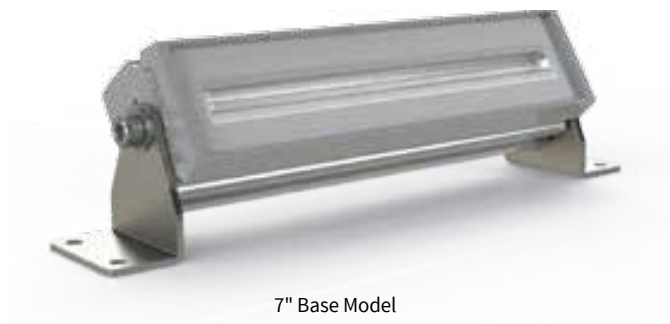


## Specifications

Beam angle (FWHM)	125 x 35° (Elliptical)
Power consumption	15W
Luminous flux (lm)	1450
Lifetime hours (70% light output)	50,000
Halogen equivalency	150W
Input voltage	10-15VDC
Ingress protection (IP)	IP67

## Finishes

Grey anodized	●
Black anodized	●



## Dimensions

A	Length (with brackets)	9.07"	230.38mm
B	Length	7.00"	177.80mm
C	Width	1.84"	46.80mm
D	Depth	2.27"	57.67mm

## TAPE LIGHT

### Key Features & Benefits

- Choose between low power or HO (high power) models
- HO & RGB models are UV resistant for interior or exterior use
- Low power models available in 4, 8, and 16' lengths
- HO models available in 8 & 16' lengths
- RGB model is available in 16' reels only (RGBW controller sold separately)
- All models are supplied with 3M high-bond self-adhesive tape for ease of installation

### LED Colors

Single Color: Cool, Warm, Blue, RGB



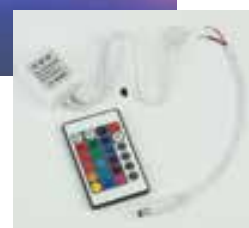
Standard (Interior)



HO (Interior/Exterior)



RGB Tape Light



LED Remote Controller (sold separately)

### Specifications

	Standard (Interior)	HO (Interior/Exterior)	RGB Tape Light
Beam angle (FWHM)	120°		
Power consumption	1.25W/ft (4.1W/mt)	2.2W/ft (7.2W/mt)	
Luminous flux (lm)*	128 lms/ft (420lms/mt)	200 lms/ft (655 lms/mt)	
Lifetime hours (70% light output)	N/A		
Halogen equivalency	N/A		
Input voltage	12V + 24V		
Ingress protection (IP)	IP65	IP66	

\* Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option)



Compatible with our DMS Series dimmers (pg. 57)

### Dimensions

	Standard (Interior)		HO (Interior/Exterior)		RGB Tape Light	
Dim (w x h)	0.33 x 0.12"	8.5 x 2.8mm	0.39 x 0.11"	9.9 x 2.8mm	0.55 x 0.19"	14 x 4.8mm
Cut Length	2"(12V), 4"(24V)		4"(12V), 6"(24V)			
Max Run	16.4' (12V), 32.8' (24V)		19.7'(12V), 31.5'(24V)			
Precut Lengths	4', 8', 16'		4', 8', 16' (12V), 5', 10', 20'(24V)			

# LED ROPE LIGHT

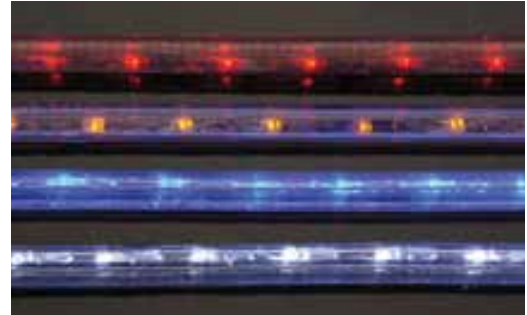
## Key Features & Benefits

- Flexible PVC tubing easily bends around tight corners
- Economical and easy to install
- 1" LED spacing provides consistent light coverage
- Typically used under cabinets, behind valances or under toe kicks

## LED Colors\*

Single Color: Warm, Cool, Red, Blue, Green

\*Other colors available upon request



LED Rope Light

## Specifications (LED Rope Light)

	12V (WW,CW,B,G)	12V (Red)	24V (WW,CW,B,G)	24V (Red)	120V (WW,CW,R,B)
Beam angle (FWHM)	Omni-directional				
Power consumption	.87W/ft	.65W/ft	.87W/ft	.58W/ft	.73W/ft
Luminous flux (lm)**	80lm/ft				
Lifetime hours (70% light output)	10,000				
Halogen equivalency	5W/ft				
Input voltage	12VDC	12VDC	24VDC	24VDC	120VAC
Ingress protection (IP)	IP65				



Neon LED Rope Light

## Specifications (Neon LED Rope Light)

	12V (WW,CW,BL)	24V (WW,CW,BL)	120V (WW,CW,R,B)
Beam angle (FWHM)	160°		
Power consumption	2.44W/ft		
Luminous flux (lm)**	85lm/ft		
Lifetime hours (70% light output)	10,000		
Halogen equivalency	10W/ft		
Input voltage	12VDC	24VDC	120VAC
Ingress protection (IP)	IP66		

## Dimensions (Neon LED)

	12V (WW,CW,BL)	24V (WW,CW,BL)	120V (WW,CW,R,B)
Diameter	0.31" x 0.63" 7.8 x 16mm		
Cut Length	3.30" 83mm	6.56" 167mm	19.7" 50cm
Max Run	33' 10m	66' 20m	164' 50m

\*\* Luminous flux figures are for Warm White only. Cool White figures are available on our website (when Cool White is an option).



## Dimensions (LED Rope)

	12V (WW,CW,B,G)		12V (Red)		24V (WW,CW,B,G)		24V (Red)	
Diameter	0.38"	9.5mm	0.38"	9.5mm	0.38"	9.5mm	0.38"	9.5mm
Cut Length	3.00"	76mm	4.00"	102mm	6.00"	152mm	8.00"	203mm
Max Run	32'	9.8m	32'	9.8m	65'	19.8m	65'	19.8m

# SINGLE & DUAL CHANNEL POWERLED PWM DIMMERS

## Single Channel Model

- Purpose designed for use with Imtra 2-wire and 3-wire single and bi-color PowerLEDs
- Operates a single circuit (7A max capacity)
- Permits control of single and bi-color lights on a single circuit
- May be used with single throw or double momentary switches

## Dual Channel Model

- Purpose designed for use with Imtra 2-wire and 3-wire single and bi-color PowerLEDs
- Operate 2 channels independently or in “paired” mode for controlling both channels in unison (14A total capacity)
- Dims bi-color PowerLEDs with a single momentary switch
- May be used with single throw or double momentary switches



IML Single Channel Dimmer



ILM80140 (Single Channel)

ILM80130 (Dual Channel)

## Specifications

Input voltage	10-40VDC	
Power capacity	7A	7A/Channel (14A total)
Control interface	N.O. Contacts	
Control inputs	Momentary buttons, 0-10V and 4-20mA Analog	



See our website for dimmer compatibility chart.

ILM80140 (Single Channel)

ILM80130 (Dual Channel)

## Dimensions

Length	2.75"	70mm	4.13"	105mm
Width	3.39"	86mm	3.39"	86mm
Height	2.30"	58mm	2.32"	59mm



# INTERVOLT & DMS DIMMERS

## Intervolt SLD Switchmode Dimmers

- PWM dimming for halogen and many 2-wire LED products
- Supports unlimited number of N/O momentary switches
- Master/Slave function for unlimited power stacking
- Duodim model operated 2 channels independently or in combined channel mode
- Compatible with Imtra Sigma and AcXent LED fixtures



Intervolt SLD Dimmer

## DMS 500/850 Series Digital Dimmers

- High frequency PWM delivers flicker-free lighting at all levels
- Smoothly dims most LED bulbs as well as flexible or rigid LED strips
- Compatible with Imtra, Sigma, AcXent and most 2-wire LEDs
- Can be controlled with a variety of input devices including momentary switches
- Accepts 0-10V (source) input signal from centralized control systems
- Simple synchronization of multiple units for controlling larger loads



DMS-500



DMS-850



## Specifications

	SLD2040DC	SLD2040DD	SLD2550DC	DMS-500	DMS-850
Input voltage	9-33VDC			6-30VDC	
Power capacity	16.7A	21A	5A	8.5A	
Power stacking	Yes	No	Yes	Yes	
Standby current	>10mA			<1.0mA	
Complete Off	Yes			Yes	
Control interface	N/O push-button			N/O push-button or Potentiometer	
Ingress protection (IP)	IP40			IP20	

## Finishes

Blue anodized aluminum	●	●	●		
Blue ABS/C end caps	●	●	●		
White polycarbonate				●	●



## Dimensions

	SLD2040DC		SLD2040DD		SLD2550DC		DMS-500 / DMS-850	
Length	4.73"	120mm	5.32"	135mm	6.70"	170mm	3.75"	96mm
Width	3.15"	80mm	3.15"	80mm	3.15"	80mm	1.50"	40mm
Height	1.58"	40mm	1.58"	40mm	1.58"	40mm	0.75"	20mm

# CONVERTERS

## Key Features & Benefits

- AC/DC converters for LEDs and sensitive electronics
- Provides stable voltage regulation and protection against damaging spikes
- Overload, over-current, under/over voltage, thermal, and RFI protections
- Visit [www.imtra.com](http://www.imtra.com) for a complete list of models and specifications



AC/DC LED Converter

Several models to choose from



24V to 12VDC Converter

## Specifications

Meanwell LPV 20W Voltage Regulated LED Converters | Meanwell CLG 60W Voltage Regulated LED Converters | Meanwell CLG 100W Voltage Regulated LED Converters | Meanwell 150W Voltage Regulated LED Converters | Meanwell HLG 320W Voltage Regulated LED Converters | Meanwell HLG 600W Voltage Regulated LED Converters | USB Voltage Converter (converts USB media to 5V charging outlet) | Intervolt SVC 7A DC-DC Converter | Imtra 3A DC-DC Converter | Lutron Hi-Lume A Constant Voltage Driver (for AcXent) | Meanwell PWM Dimmable Power Supply (for AcXent)

Input voltage	90-264VAC			90-305VAC	90-305VAC	8-40VDC	9-33VDC	8-40VDC	110-130VAC	90-305VAC	
Frequency range	47-63Hz						N/A	N/A	N/A	50-60Hz	47-63Hz
Output voltage	12V or 24VDC						5.0VDC	13.7VDC	12VDC	24VDC	24VDC
Power capacity	20W	60W	100W	150W	320W	600W	15W	96W	36W	40W	120W
Ingress protection (IP)	IP67							IP40	IP67	IP20	IP67

## LED Converter



## Dimensions

For dimensions, please visit [www.imtra.com](http://www.imtra.com)

# INTERVOLT POWER CONDITIONERS

## Voltage Transient Protection & LED Lighting

All Imtra manufactured LED light fixtures and most of our distributed products incorporate the use of transient voltage suppression diodes for the purpose of protecting the IC (integrated circuit) against high voltage spikes and transients. Although lasting only milliseconds, transients will damage sensitive electronics and LED lights that do not have adequate voltage suppression as part of their architecture.

This is the case with many non-marine LED products including commodity products such as LED rope light and LED tape light. As a precaution when using these products on boats, we highly recommend the use of power conditioners (aka voltage stabilizers).

Imtra offers a range of Intervolt Power Conditioners for protection of sensitive electronics and LED lighting against voltage dips, spikes and transients.



SVS Voltage Stabilizer



SPCi Mini Power Conditioner



SPCi Power Conditioner Gen II



## Specifications

	12V SVS	24V SVS	12VDC SPCi Mini, 7A	24V SPCi Mini, 5A	12VDC SPCi Gen II, 20A	24VDC SPCi Gen II, 20A
Input voltage	11-17V	22-33V	10-16VDC	17-33VDC	10.5-16VDC	20-33VDC
Output voltage	12.5VDC	25VDC	12.5-13.6VDC Adjustable	25.0-27.2VDC Adjustable	12-14.4VDC Adjustable	24-28VDC Adjustable
Power capacity (continuous load)	5.0A	2.5A	7.0A	5.0A	20A	
Galvanic isolation	No		Yes			
Battery charge mode	No				Yes (2 Stage)	
Line/load regulation	Yes					
Transient protection	Yes					
Surge protection	Yes					
Diagnostics	LED				LED/Alarm	
Remote control	No				Yes	
Ingress protection (IP)	IP40					

## Finishes

Blue anodized aluminum housing	●	●	●	●	●	●
Blue ABS/C end caps	●	●	●	●	●	●



## Dimensions

For dimensions, please visit [www.imtra.com](http://www.imtra.com)



# COLORLIGHT

## THE FUTURE SEARCHLIGHT SOLUTION

Colorlight sets a new standard for intelligent searchlight solutions and enhanced visibility at sea. Initially utilized by pilot craft, Colorlight searchlights today are in heavy use in all commercial marine segments. Colorlight's outstanding reputation is based on its dedication to three primary areas of focus: visibility, versatility and control, and value. Imtra offers a range of Colorlight models for high output visibility, ultraviolet, and optical and thermal visibility.



## DUAL LENS HIGH POWER SEARCHLIGHTS

### Key Features & Benefits

- Dual head design for independent flood/spot focus
- 100% unlimited horizontal/vertical movement
- Acid-proof stainless steel housing
- Options for surveillance, fixed positions, and multi-unit synchronization
- Available in both LED or HMI (metal halide) bulb technology



### Specifications

For a complete list of specifications on all Colorlight models, please go to our website or contact Imtra for a separate catalog.

### Finishes

White (RAL 9016) acid proof stainless steel	●
Optional custom finish (IP varies)	●



Dual HMI



HMI/UV Combo



Backlit Push Buttons  
& Variable Speed  
Joystick Control

OP3G Remote Operator Panel



Dual LED with IR

CLite2 Dual LED

NEW!

Throughout this catalog, you will find icons that indicate the type of light featured on the page. For a quick reference guide to the products organized by type of fixture, please use this Product Index.

 <p><b>Recessed Downlight</b></p> <table border="0"> <tr><td>Wave</td><td>8</td></tr> <tr><td>Surf</td><td>8</td></tr> <tr><td>Blade</td><td>9</td></tr> <tr><td>Carve</td><td>9</td></tr> <tr><td>Pool</td><td>10</td></tr> <tr><td>Ripple</td><td>10</td></tr> <tr><td>Current</td><td>10</td></tr> <tr><td>Tide</td><td>11</td></tr> <tr><td>A-Series</td><td>12</td></tr> <tr><td>T-Series</td><td>13</td></tr> <tr><td>Sigma</td><td>14</td></tr> <tr><td>Omega</td><td>15</td></tr> <tr><td>Tri-Color Series</td><td>16</td></tr> </table>	Wave	8	Surf	8	Blade	9	Carve	9	Pool	10	Ripple	10	Current	10	Tide	11	A-Series	12	T-Series	13	Sigma	14	Omega	15	Tri-Color Series	16	 <p><b>Reading Light</b></p> <table border="0"> <tr><td>Auckland</td><td>22</td></tr> <tr><td>Sydney</td><td>23</td></tr> <tr><td>Hobart</td><td>23</td></tr> <tr><td>Munich</td><td>29</td></tr> <tr><td>Bremen</td><td>29</td></tr> <tr><td>Kiel</td><td>31</td></tr> <tr><td>Rugen</td><td>31</td></tr> <tr><td>Prohn</td><td>31</td></tr> <tr><td>Rostock</td><td>32</td></tr> <tr><td>Nova</td><td>32</td></tr> <tr><td>Jana</td><td>32</td></tr> <tr><td>Cabin</td><td>37</td></tr> <tr><td>Ocean</td><td>37</td></tr> </table>	Auckland	22	Sydney	23	Hobart	23	Munich	29	Bremen	29	Kiel	31	Rugen	31	Prohn	31	Rostock	32	Nova	32	Jana	32	Cabin	37	Ocean	37
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 <p><b>Surface-Mount Downlight</b></p> <table border="0"> <tr><td>Tide Surface</td><td>11</td></tr> <tr><td>Sigma Surface</td><td>14</td></tr> <tr><td>Tri-Color Series</td><td>16</td></tr> <tr><td>Largo</td><td>18</td></tr> <tr><td>Gibraltar</td><td>18</td></tr> <tr><td>Norden</td><td>35</td></tr> <tr><td>F-28</td><td>40</td></tr> <tr><td>F-22</td><td>41</td></tr> <tr><td>Resolux 805 Series</td><td>42</td></tr> <tr><td>Resolux 871, 872, 873</td><td>43</td></tr> <tr><td>F-30</td><td>44</td></tr> <tr><td>F-40</td><td>45</td></tr> <tr><td>F-25</td><td>46</td></tr> <tr><td>IS Series</td><td>48</td></tr> <tr><td>2' ERL</td><td>50</td></tr> <tr><td>4' ERL</td><td>50</td></tr> </table>	Tide Surface	11	Sigma Surface	14	Tri-Color Series	16	Largo	18	Gibraltar	18	Norden	35	F-28	40	F-22	41	Resolux 805 Series	42	Resolux 871, 872, 873	43	F-30	44	F-40	45	F-25	46	IS Series	48	2' ERL	50	4' ERL	50	 <p><b>Chart or Task Light</b></p> <table border="0"> <tr><td>Kiel</td><td>31</td></tr> <tr><td>Rugen</td><td>31</td></tr> <tr><td>Prohn</td><td>31</td></tr> <tr><td>Ocean Chart</td><td>37</td></tr> <tr><td>F-4</td><td>39</td></tr> <tr><td>F-26</td><td>39</td></tr> </table>	Kiel	31	Rugen	31	Prohn	31	Ocean Chart	37	F-4	39	F-26	39								
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**VIMAR**  
Modular Switching System



Download a Vimar catalog at [www.imtra.com](http://www.imtra.com).

Imtra is the supplier of choice for the marine industry's most popular decorative switching system. Designed and manufactured in Italy, Vimar® switching is available in three distinct collections: Idea, Eikon and Arké. Each series boasts over 200 functions (switches, dimmers, outlets, sockets, etc.) with dozens of cover plate choices in a variety of configurations, colors and materials. For the ultimate in on-board lighting command and control, Vimar's By-me Marine® automated control system is user-friendly, easy to program, and simple to install and maintain.

**IP Ratings**

The IP rating (Ingress Protection Rating) designates the amount of dust or fluid an electronic/electrical enclosure allows to pass through into the product. The rating applies to any enclosure that provides protection of equipment from certain external influences and in any direction, along with protection against direct contact.

- IP20** (2) Protected against penetration of solids larger than 12mm and (0) not protected against liquids
- IP40** (4) Protected against penetration of solids larger than 1mm and (0) not protected against liquids
- IP50** (5) Protected against dust and (0) not protected against liquids
- IP55** (5) Resistant to dust penetration and (5) protected against jets of water from every direction
- IP65** (6) Completely protected against dust and (5) protected against jets of water from every direction
- IP67** (6) Completely protected against dust and (7) protected against immersion (30 minutes, 1m+ depth)

**Warranty & Reliability**

At its discretion, Imtra will either replace or repair any product in this catalog within its specified warranty period if found to be defective through faulty material or workmanship provided that no attempt has been made by the customer to tamper with, rectify, dismantle, or alter the product in any way. The warranty periods for most products are specified in the preceding catalog pages and commence upon delivery of the goods. Warranty periods listed in this catalog refer to electronic functionality only. If not defined in the catalog, please locate detailed warranty information on any specific product by downloading that product's installation manual directly off our website. Imtra specifically disclaims any implied warranties, merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Imtra's total liability is limited to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied. If it should become necessary to return a fixture for service during or beyond the warranty period, please refer to Imtra's standard Return Policy as detailed on Imtra's website ([www.imtra.com](http://www.imtra.com)) or call Imtra customer service at (508) 995-7000. No returns will be accepted without a Return Authorization (RA) number.

**Photo Credits**

Imtra would like to thank the following boat builders, photographers and companies for allowing us to use their images in this catalog: Ed Dickson Photography, Hy-Line Cruises, Nordhavn Yachts, Marine Group, Outer Reef Yachts, Sabre Yachts, Tiara Yachts, Duffy Boats and Zurn Yacht Design.

**Classification Symbols**

Imtra lighting products are designed to meet international standards and classifications. Symbols identifying these classifications are:

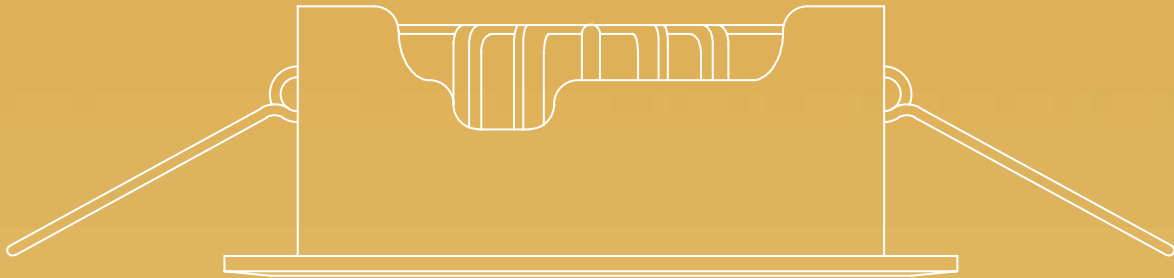
- |  |   |  |  |
|--|---|--|--|
|  | European Conformity Mark of Approval                        |  | Meets or Exceeds FCC Standards                           |
|  | Compliant to Restrictions of Hazardous Substances Directive |  | ABS Design Assessed                                      |
|  | Suitable to Inflammable Surfaces                            |  | C-Tick Safety Mark                                       |
|  | Class 3   |  | Russian Maritime Register of Shipping Certified          |
|  | Class 1   |  | Tested & Approved by Det Norske Veritas                  |
|  | Tested and Approved by ETL to meet U.L. Standards           |  | Certified to Applicable Public Health & Safety Standards |
|  | Tested and Approved by U.L. to meet U.L. Standards          |  | Tested & Approved by TUV Labs                            |
|  | Trade Agreement Act Compliant                               |  | USDA Compliant   |
|  | ANSI-ASQ National Accreditation Board                       |  | Designed & Assembled in the U.S.A.                       |



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