**High Power LED Lights**

**10Watt Slim LED Light Bar**

___1.400 Lumens per Watt

The FLLB series are the newest low profile LED flood lights with an equal light spread of 100° as well horizontal as vertical.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

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**Specifications:**

<table>
<thead>
<tr>
<th>Art.No.:</th>
<th>FLLB-010-39WH-LV &amp; FLLB-010-39WH-HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Source:</td>
<td>SMD 10Watt</td>
</tr>
<tr>
<td>Power Consumption:</td>
<td>10Watt</td>
</tr>
<tr>
<td>Efficiency:</td>
<td>&gt;95%</td>
</tr>
<tr>
<td>Lumens per Watt:</td>
<td>140 Lms./Watt</td>
</tr>
<tr>
<td>Beam Angle:</td>
<td>100°</td>
</tr>
<tr>
<td>LED Colours:</td>
<td>3900K Natural White</td>
</tr>
<tr>
<td>Colour Rendering Index:</td>
<td>&gt;85 CRI</td>
</tr>
<tr>
<td>Operating Voltage:</td>
<td>10-30Vdc or 85-265Vac 50 ~60Hz</td>
</tr>
<tr>
<td>Driver:</td>
<td>Ply Power PD-N40DC (10-30Vdc) &amp; E-LED Lighting driver (85-265Vac)</td>
</tr>
<tr>
<td>Ta:</td>
<td>-40° - +55°</td>
</tr>
<tr>
<td>Material Fixture:</td>
<td>Aluminium: ZL102 Mn 0.2<del>0.5</del>mg&lt;=0.25~Si=&lt;0.65</td>
</tr>
<tr>
<td>Affix Material &amp; Mounting Bracket:</td>
<td>A4 316 Stainless Steel 4mm – 0.16”</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.45kg</td>
</tr>
<tr>
<td>IP Rating:</td>
<td>IP67</td>
</tr>
<tr>
<td>Finish:</td>
<td>Hard Anodized Aluminium and Seawater Resistant Coating</td>
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<tr>
<td>Dimensions:</td>
<td>208 mm x 76.4 mm x 74.3 mm (WxHxD)</td>
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<td>8.18” x 3.01” x 2.92” (WxHxD)</td>
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<td>Certifications:</td>
<td>CE Certificate Number : B-E09110908</td>
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<td>EMC Directive 204/108/EC</td>
</tr>
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<td>EN 61000-3-3: 2008;</td>
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<tr>
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<td>SAA Certified</td>
</tr>
<tr>
<td></td>
<td>In compliance with IEC6092-306</td>
</tr>
</tbody>
</table>

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- **360° rotatable brackets available on request**
- **Junction Boxes available in different sizes**
- **Supplied with integrated driver**
- **Supplied with 6mtr power cord**
HIGH POWER LED LIGHTS

30Watt Slim LED Light Bar
___ 4,200 Lumens per Watt

The FLLB series are the newest low profile LED flood lights with an equal light spread of 100° as well horizontal as vertical.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Light Source:</td>
<td>SMD 30Watt</td>
</tr>
<tr>
<td>Power Consumption:</td>
<td>30 Watt</td>
</tr>
<tr>
<td>Efficiency:</td>
<td>&gt;90%</td>
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<tr>
<td>Lumens per Watt:</td>
<td>140 Lms./Watt</td>
</tr>
<tr>
<td>Beam Angle:</td>
<td>100°</td>
</tr>
<tr>
<td>LED Colours:</td>
<td>3900K Natural White</td>
</tr>
<tr>
<td>Colour Rendering Index:</td>
<td>&gt;85 CRI</td>
</tr>
<tr>
<td>Operating Voltage:</td>
<td>10-30Vdc or 100-305Vac 50 ~60Hz</td>
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<tr>
<td>Driver:</td>
<td>Meanwell HLG-40H-48B</td>
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<tr>
<td>Ta:</td>
<td>-40° - +55°</td>
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<tr>
<td>Material Fixture:</td>
<td>Aluminium: ZL 102 Mn0.2~0.5, mg&lt;=0.25, Si&lt;=0.65</td>
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<tr>
<td>Affix Material &amp; Mounting Bracket:</td>
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<td>Weight:</td>
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<td>Finish:</td>
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<td>EN 61000-3-3: 2008;</td>
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<td></td>
<td>SAA Certified</td>
</tr>
<tr>
<td></td>
<td>In compliance with IEC60092-306</td>
</tr>
</tbody>
</table>

Standard supplied with dimmable driver

360° rotatable brackets available on request

Junction Boxes available in different sizes

Supplied with integrated driver

Supplied with 6mtr power cord
HIGH POWER LED LIGHTS

60Watt Slim LED Light Bar

8,400 Lumens per Watt

Specifications:

- Light Source: SMD 60Watt
- Power Consumption: 60 Watt
- Efficiency: >90%
- Lumens per Watt: 140 Lms./Watt
- Beam Angle: 100°
- LED Colours: 3900K Natural White
- Colour Rendering Index: >85 CRI
- Operating Voltage: 10-30Vdc or 100-305Vac 50 ~60Hz
- Driver: Meanwell HLG-60H-42B
- Ta: -40° ~ +55°
- Material Fixture: Aluminium: ZL 102 Mn0.2~0.5, mg<=0.25, Si<=0.65
- Affix Material & Mounting Bracket: A4 316 Stainless Steel 4mm – 0.16”
- Weight: 4.55kg
- IP Rating: IP67
- Finish: Hard Anodized Aluminium and Seawater Resistant Powder Coating
- Dimensions: 663.5 mm x 76.4 mm x 59.5 mm (WxHxD)
- 26.12” x 3” x 2.35” (WxHxD)
- Certifications: CE Certificate Number: B-E09110908
- EMC Directive 204/108/EC
- EN 61000-3-2: 2006/A2: 2009;
- EN 61000-3-3: 2008;
- SAA Certified
- In compliance with IEC60992-306

The FLLB series are the newest low profile LED flood lights with an equal light spread of 100° as well horizontal as vertical.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
HIGH POWER LED LIGHTS

90Watt Slim LED Light Bar

__12,600 Lumens per Watt__

The FLLB series are the newest low profile LED flood lights with an equal light spread of 100° as well horizontal as vertical.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

**Specifications:**

- **Art.No.:** FLLB-090-39WH-HV
- **Light Source:** SMD 90Watt
- **Power Consumption:** 90 Watt
- **Efficiency:** >90%
- **Lumens per Watt:** 140 Lms./Watt
- **Beam Angle:** 100°
- **LED Colours:** 3900K Natural White
- **Colour Rendering Index:** >85 CRI
- **Operating Voltage:** 100-305Vac 50 ~60Hz
- **Driver:** Meanwell HLG-100H-42B
- **Ta:** -40° - +55°
- **Material Fixture:** Aluminium: ZL 102 Mn0.2~0.5, mg<=0.25, Si<=0.65
- **Affix Material & Mounting Bracket:** A4 316 Stainless Steel 4mm – 0.16”
- **Weight:** 6.75kg
- **IP Rating:** IP67
- **Finish:** Hard Anodized Aluminium and Seawater Resistant Powder Coating
- **Dimensions:** 958 mm x 76.4 mm x 59.5 mm (WxHxD)
  37.71” x 3” x 2.35” (WxHxD)
- **Certifications:**
  - CE Certificate Number: B-E09110908
  - EMC Directive 204/108/EC
  - EN 55015: 2006+A1: 2007,
  - EN 61000-3-2: 2006/A2: 2009;
  - EN 61000-3-3: 2008;
  - SAA Certified
  - In compliance with IEC60092-306

- **Standard supplied with dimmable driver**
- **360° rotatable brackets available on request**
- **Junction Boxes available in different sizes**
- **Supplied with integrated driver**
- **Supplied with 6mtr power cord**
### HIGH POWER LED LIGHTS

#### 10Watt LED Flood Light

**1.200 Lumens per Watt**

The FL series are our standard marine grade LED flood lights which we already supply for many years. Available in line- and low voltage DC input.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

### Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.No.:</td>
<td>FL020212-HV &amp; FL020212-LV</td>
</tr>
<tr>
<td>Light Source:</td>
<td>1x 10 Watt Ceramic LED</td>
</tr>
<tr>
<td>Power Consumption:</td>
<td>10 Watt</td>
</tr>
<tr>
<td>Efficiency:</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>120 Lms./Watt</td>
</tr>
<tr>
<td>Beam Angle:</td>
<td>80°</td>
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<tr>
<td>LED Colours:</td>
<td>3900K Natural White</td>
</tr>
<tr>
<td>Colour Rendering Index:</td>
<td>&gt;80 CRI</td>
</tr>
<tr>
<td>Operating Voltage:</td>
<td>10-30Vdc or 85-265Vac 50 ~60Hz</td>
</tr>
<tr>
<td>Driver:</td>
<td>E-LED Lighting driver</td>
</tr>
<tr>
<td>Ta:</td>
<td>-40° - +55°</td>
</tr>
<tr>
<td>Material Fixture:</td>
<td>Aluminium: ZL102 Mn0.2~0.5, mg&lt;=0.25, Si&lt;=0.65</td>
</tr>
<tr>
<td>Affix Materials &amp; Mounting Bracket:</td>
<td>A4 316 Stainless Steel 4mm – 0.16”</td>
</tr>
<tr>
<td>Weight:</td>
<td>0.65kg</td>
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<tr>
<td>IP Rating:</td>
<td>IP67</td>
</tr>
<tr>
<td>Finish:</td>
<td>Seawater resistant powder coating</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>114,5mm x 86 mm x 89mm (W x H x D)</td>
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<tr>
<td></td>
<td>4.55” x 3.4” x 3.5” (W x H x D)</td>
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<td>Certifications:</td>
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<td>EN 61000-3-3: 2008;</td>
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<tr>
<td></td>
<td>SAA Certified</td>
</tr>
<tr>
<td></td>
<td>In compliance with IEC60092-306</td>
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</tbody>
</table>
HIGH POWER LED LIGHTS

30Watt LED Flood Light
___ 3.600 Lumens per Watt

The FL series are our standard marine grade LED flood lights which we already supply for many years. Available in line- and low voltage DC input.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

Art.No.: FL030314-HV & FL030314-LV
Light Source: 1x 30 Watt Ceramic LED
Power Consumption: 30 Watt
Efficiency: >90%
Lumens Per Watt: 120 Lms./Watt
Beam Angle: 100°
LED Colours: 3900K Natural White
Colour Rendering Index: >80 CRI
Operating Voltage: 10-30Vdc or 100-305Vac 50 ~60Hz
Driver: E-LED Lighting driver (DC) & Meanwell LPF-40-36 (AC)
Ta: -40° ~ +55°
Material Fixture: Aluminium: ZL102 Mn0.2~0.5, mg<=0.25, Si<=0.65
Affix Materials & Mounting Bracket : A4 316 Stainless Steel 4mm – 0.16”
Weight: 3.35kg
IP Rating: IP67
Finish: Seawater resistant powder coating
Dimensions: 225mm x 185mm x 135mm (W x H x D)
8.85” x 7.3” x 5.3” (W x H x D)
Certifications:
CE Certificate Number: B-E09110908
EMC Directive 204/108/EC
EN 61000-3-2: 2006/A2: 2009;
EN 61000-3-3: 2008;
SAA Certified
In compliance with IEC6092-306

Dimmable version available on request
HIGH POWER LED LIGHTS

50Watt LED Flood Light
___ 6,000 Lumens per Watt

The FL series are our standard marine grade LED flood lights which we already supply for many years. Available in line- and low voltage DC input.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- Art.No.: FL050516-HV & FL050516-LV
- Light Source: 1x 50 Watt Ceramic LED
- Power Consumption: 50 Watt
- Efficiency: >90%
- Lumens Per Watt: 120 Lm/Watt
- Beam Angle: 100°
- LED Colours: 3900K Natural White
- Colour Rendering Index: >80 CRI
- Operating Voltage: 10-30Vdc or 100-305Vac 50 ~60Hz
- Driver: E-LED Lighting driver (DC) & Meanwell LPF-60-36 (AC)
- Ta: -40° - +55°
- Material Fixture: Aluminium: ZL102 Mn0.2~0.5, mg<=0.25, Si<=0.65
- Affix Materials & Mounting Bracket: A4 316 Stainless Steel 4mm – 0.16”
- Weight: 4.75kg
- IP Rating: IP67
- Finish: Seawater resistant powder coating
- Dimensions: 290mm x 236mm x 160mm (W x H x D)
  11.4” x 9.3” x 6.3” (W x H x D)
- Certifications: CE Certificate Number: B-E09110908
  EMC Directive 204/108/EC
  EN 55015: 2006+A1: 2007,
  EN 61000-3-2: 2006/A2: 2009;
  EN 61000-3-3: 2008;
  SAA Certified
  In compliance with IEC60092-306

Dimmable version available on request
Specifications:

Art.No.: FLHQ-080-39GR-05HV to FLHQ-080-39GR-12HV
Light Source: 1 x 80 Watt Ceramic LED
Power Consumption: 80 Watt
Efficiency: >90%
Lumens Per Watt: 140 Lms./Watt
Beam Angle: 50°, 90° or 120°
LED Colours: 3900K Natural White
Colour Rendering Index: >85 CRI
Operating Voltage: 100-305Vac 50 ~60Hz
Driver: Meanwell HLG-100H-36A
Ta: 40° ~ +55°
Material Fixture: Aluminium: ZL102 Mn0.2~0.5, mg<=0.25, Si<,<=0.65
Affix Material & Mounting Bracket: A4 316 Stainless Steel 4mm - 0.16”
Weight: 6.6kg
IP Rating: IP67
Finish: Seawater resistant powder coating
Dimensions: 322mm x 391mm x 114mm (W x H x D)
12,7” x 15,4” x 4,5” (W x H x D)
Certifications:
- CE Certificate Number: B-E09110908
- EMC Directive 204/204108/EC
- EN 61000-3-2: 2006/A2: 2009;
- EN 61000-3-3: 2008;
In compliance with IEC60092-306

Dimmable version available on request
HIGH POWER LED LIGHTS

120Watt LED Flood Light
__ 16,800 Lumens per Watt

The FLHQ series are equipped with easy exchangeable lenses for different beam angles in 50°, 90° and 120°.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

Art.No.: FLHQ-120-39GR-05HV to FLHQ-120-39GR-12HV
Light Source: 1 x 120 Watt Ceramic LED
Power Consumption: 120 Watt
Efficiency: >90%
Lumens Per Watt: 140 Lms./Watt
Beam Angle: 50°, 90° or 120°
LED Colours: 3900K Natural White
Colour Rendering Index: >85 CRI
Operating Voltage: 100-305Vac 50 ~60Hz
Driver: Meanwell ELG-150—C1050
Ta: -40° ~ +55°
Material Fixture: Aluminium: ZL102 Mn0.2~0.5, mg<=0.25, Si<,<=0.65
Affix Material & Mounting Bracket: A4 316 Stainless Steel 4mm – 0.16”
Weight: 6.7kg
IP Rating: IP67
Finish: Seawater resistant powder coating
Dimensions: 322mm x 391mm x 114mm (W x H x D)
12.7” x 15.4” x 4.5” (W x H x D)
Certifications: CE Certificate Number: B-E09110908
EMC Directive 2004/204/2001
EN 61000-3-2: 2006/A2: 2009;
EN 61000-3-3: 2008;
In compliance with IEC60092-306

Dimmable version available on request
Specifications:

Art.No.: FLLD-180-39GR-02HV & FLLD-180-39GR-06HV
Light Source: 1 x 180 Watt Ceramic LED
Power Consumption: 180 Watt
Efficiency: >90%
Lumens Per Watt: 140 Lms./Watt
Beam Angle: 20° & 60°
LED Colours: 3900K Natural White
Colour Rendering Index: >85 CRI
Operating Voltage: 100-305Vac 50 ~60Hz
Ta: -40° ~ +55°
Material Fixture: Aluminium: ZL102 Mn0.2~0.5, mg<=0.25, Si<,<=0.65
Affix Material & Mounting Bracket: A4 316 Stainless Steel 6mm – 0.24”
Weight: 8kg
IP Rating: IP67
Finish: Seawater resistant powder coating
Dimensions: 20° 360mm x 358mm x 306mm
14.2” x 14.1” x 12.1”
60° 360mm x 358mm x 187mm
14.2” x 14.1” x 7.4”
Certifications: TUV Certified
UL Certified
SAA Certified
In compliance with IEC60092-306
*UL certification available on request
### Specifications:

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<tr>
<th>Feature</th>
<th>Details</th>
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<tr>
<td>Light Source</td>
<td>1 x 400 Watt Ceramic LED</td>
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<td>Power Consumption</td>
<td>400 Watt</td>
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<tr>
<td>Efficiency</td>
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<tr>
<td>Lumens Per Watt</td>
<td>140 Lms./Watt</td>
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<tr>
<td>Beam Angle</td>
<td>20° &amp; 60°</td>
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<tr>
<td>LED Colours</td>
<td>3900K Natural White</td>
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<td>Colour Rendering Index</td>
<td>&gt;85 CRI</td>
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<tr>
<td>Operating Voltage</td>
<td>100-305Vac 50 ~60Hz</td>
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<tr>
<td>Driver</td>
<td>Meanwell ELG-150—C1050</td>
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<td>Ta</td>
<td>-40° - +55°</td>
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<td>Material Fixture</td>
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<tr>
<td>Affix Material &amp; Mounting Bracket</td>
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</tr>
<tr>
<td>Weight</td>
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<td>IP67</td>
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<td>Finish</td>
<td>Seawater resistant powder coating</td>
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<tr>
<td>Dimensions</td>
<td>20°  671mm x 405mm x 374mm, 26.4” x 15.9” x 14.7”</td>
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<td>60°</td>
<td>671mm x 405mm x 204mm, 26.4” x 15.9” x 8.1”</td>
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<tr>
<td>Certifications</td>
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<tr>
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<td>*UL certification available on request</td>
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</table>
Specifications:

Art.No.: FLNG-100-39GR-09HV
Light Source: 3030 Lumileds SMD
Power Consumption: 100Watt
Efficiency: >93.5%
Lumens per Watt: 160Lms./Watt, total 16.000Lumens
Beam Angle: 90° standard, 30°- and 60° optional
LED Colours: 3900K Natural White
Colour Rendering Index: >85CRI
Operating Voltage: 90-305Vac 50 ~60Hz
Driver: Meanwell HLG-120H-C500B
Ta: -40° - +55°
Material Fixture: Hard Anodized Aluminium and Seawater Resistant Coating
Affix Materials & Mounting bracket: A4 316 Stainless Steel 4mm – 0.16”
Weight: 7kg
IP Rating: IP67
Finish: White
Dimensions: 300mm x 472mm x 82.6mm – 11.81” x 18.58” x 3.25”
Certifications: CE Certificate Number: B-E09110908
EMC Directive 204/108/EC
EN 61000-3-2:2006/A2: 2009
EN 61600-3-3:2008;
In compliance with IEC60092-306

The FLNG series are the newest series LED flood lights with high lumen output and exchangeable lenses for different beam angles in 30°, 60° and 90°.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
The FLNG series are the newest series LED flood lights with high lumen output and exchangeable lenses for different beam angles in 30°, 60° and 90°.

Due the high lumen output also suitable to replace high pressure sodium lights.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- **Art.No.**: FLNG-150-39GR-09HV
- **Light Source**: 3030 Lumileds
- **Power Consumption**: 150Watt
- **Efficiency**: >93.5%
- **Lumens per Watt**: 160Lms./Watt, total 24.000Lumens
- **Beam Angle**: 90°, 30°- and 60° optional
- **LED Colours**: 3900K Natural White
- **Colour Rendering Index**: >85CRI
- **Operating Voltage**: 90-305Vac 50 ~ 60Hz
- **Driver**: Meanwell HLG-185H-C1050B
- **Ta**: -40° - +55°
- **Material Fixture**: Hard Anodized Aluminium and Seawater Resistant Coating
- **Affix Materials & Mounting bracket**: A4 316 Stainless Steel 4mm – 0.16”
- **Weight**: 8.45kg
- **IP Rating**: IP67
- **Finish**: White
- **Dimensions**: 300mm x 575mm x 82.6mm – 11.81” x 22.64” x 3.25”
- **Certifications**: CE Certificate Number: B-E09110908
- **EMC Directive 204/108/EC**
- **EN 61000-3-2:2006/A2: 2009**
- **EN 616000-3-3:2008**
- **In compliance with IEC6092-306**

Supplied with dimmable driver

Supplied with integrated over current Surge Protector
The FLNG series are the newest series LED flood lights with high lumen output and exchangeable lenses for different beam angles in 30°, 60° and 90°.

Due to the high lumen output also suitable to replace high pressure sodium lights.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:
- Art.No.: FLNG-200-39GR-06HV
- Light Source: 3030 Lumileds
- Power Consumption: 200Watt
- Efficiency: >93.5%
- Lumens per Watt: 160Lms./Watt, total 32.000Lumens
- Beam Angle: 60°, 30° optional
- LED Colours: 3900K Natural White
- Colour Rendering Index: >85CRI
- Operating Voltage: 90-305Vac 50 ~60Hz
- Driver: Meanwell HLG-240H-C1050B
- Ta: -40° - +55°
- Material Fixture: Hard Anodized Aluminium and Seawater Resistant Coating
- Affix Materials & Mounting bracket: A4 316 Stainless Steel 4mm – 0.16”
- Weight: 8.45kg
- IP Rating: IP67
- Finish: White
- Dimensions: 342mm x 600mm x 92mm – 13.46” x 23.62” x 3.62”
- Certifications: CE Certificate Number: B-E09110908
  EMC Directive 2004/108/EC
  EN 61000-3-2:2006/A2: 2009
  EN 616000-3-3:2008;
  In compliance with IEC60092-306

Supplied with dimmable driver
Supplied with integrated over current Surge Protector
# Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td><strong>Art.No.:</strong></td>
<td>FLNG-300-39GR-06HV</td>
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<tr>
<td><strong>Light Source:</strong></td>
<td>3030 Lumileds SMD</td>
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<tr>
<td><strong>Power Consumption:</strong></td>
<td>300Watt</td>
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<td><strong>Efficiency:</strong></td>
<td>&gt;93.5%</td>
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<td><strong>Lumens per Watt:</strong></td>
<td>160Lms./Watt, total 48.000Lumens</td>
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<td><strong>Beam Angle:</strong></td>
<td>60°, 30° optional</td>
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<tr>
<td><strong>LED Colours:</strong></td>
<td>3900K Natural White</td>
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<td><strong>Colour Rendering Index:</strong></td>
<td>&gt;85CRI</td>
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<td><strong>Operating Voltage:</strong></td>
<td>90-305Vac 50 ~60Hz</td>
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<td><strong>Driver:</strong></td>
<td>Meanwell HLG-320H-C1050B</td>
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<td><strong>Ta:</strong></td>
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<td><strong>Material Fixture:</strong></td>
<td>Hard Anodized Aluminium and Seawater Resistant Coating</td>
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<tr>
<td><strong>Affix Materials &amp; Mounting bracket:</strong></td>
<td>A4 316 Stainless Steel 4mm – 0.16”</td>
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<tr>
<td><strong>Weight:</strong></td>
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<td><strong>Finish:</strong></td>
<td>White</td>
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<tr>
<td><strong>Dimensions:</strong></td>
<td>342mm x 600mm x 92mm – 13.46” x 23.62” x 3.62”</td>
</tr>
</tbody>
</table>
Specifications:


Light Source: 10Watt SMD & 20Watt SMD

Power Consumption: 10- and 20Watt

Efficiency: >90%

Lumens per Watt: 150Lms./Watt

Beam Angle: 120°

LED Colours: 3900K Natural White

Colour Rendering Index: >80CRI

Operating Voltage: 100-277Vac 50 ~60Hz

Driver: 10Watt: Boke BK-BHL022-0600AM

20Watt: Boke BK-BHL042-1100AM

Ta: -20° - +55°

Material Fixture: A4 316 Stainless Steel End Caps, Polycarbonate and A4 316 Stainless Steel Brackets

IP Rating: IP69K Impact Rating & IP68

Finish: Transparent & White

Mounting: Surface

Dimensions: 10Watt: 360mm x 75mm – 14.17” x ø2.95”

20Watt: 755mm x ø75mm – 29.72” x ø2.95”

Certifications: EMC Directive 204/108/EC


EN 61000-3-2:2006/A2: 2009

EN 61600-3-3:2008;


In compliance with IEC60092-306

The LTPT series are IP69K impact rated and suitable for submerged areas. Designed to withstand high water pressure.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
LED ROBUST TRI-PROOF LIGHTS

30- & 60 Watt LED Robust Tri-Proof Light

30Watt 3,900 Lumens in Total
60Watt 7,800 Lumens in Total

Specifications:

Light Source: SMD 30Watt (600mm, 2ft) or 60Watt (1200mm, 4ft)
Power Consumption: 30Watt or 60Watt
Efficiency: >90%
Lumens Per Watt: 130Lms./Watt
Beam Angle: 230°
LED Colours: 3900K Natural White
Colour Rendering Index: >85 CRI
Operating Voltage: 10-30Vdc (600mm, 2ft – 30Watt) and 90-305Vac 50 ~60Hz
Driver: 30Watt - Meanwell LPF-40-48
60Watt – Meanwell LPF-60-42
Ta: -40° - +55°
Material Fixture: Hard Anodized Aluminium, Polycarbonate & A4 316 Stainless Steel Parts
Weight: 30Watt - 2.7kg
60Watt – 4kg
IP Rating: IP66
Dimensions: 30Watt 600mm x 105mm x 100mm – 23.6”x 4.1”x 3.9”
60Watt 1200mm x 105mm x 100mm - 47.2”x 4.1”x 3.9”
Certifications: EMC Directive 204/108/EC
EN 55015: 2006/A2: 2009;
EN 61000-3-2: 2006/A2: 2009;
EN 61000-3-3: 2008
ETL Certified according to UL1598
In compliance with IEC60092-306

The RTPL series are multifunctional due the IP66 rating with high lumen output and four gland entries for easy connecting in series. Suitable for technical interior- and exterior areas.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
LED CURVED TRI-PROOF LIGHTS

30 Watt LED Curved Tri-Proof Light

30Watt 3.900 Lumens in Total

The CTPL series can be used interior and are available in line- and low voltage DC version.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

Light Source: SMD 30Watt (600mm, 2ft)
Power Consumption: 30Watt
Efficiency: >90%
Lumens Per Watt: 130 Lms./Watt
Beam Angle: 230°
LED Colours: 3900K Natural White
Colour Rendering Index: >80 CRI
Operating Voltage: 10-30Vdc (600mm, 2ft – 30Watt) and 100-305Vac 50 ~60Hz
Ta: -40° - +55°
Material Fixture: Hard Anodized Aluminium, Polycarbonate & A4 316 Stainless Steel Parts
Weight: 30Watt – 1.8kg
IP Rating: IP65
Dimensions: 30Watt 600mmx100mmx50mm – 23.6”x 0.39”x 0.19”
Certifications: In compliance with IEC6092-306

Supplied with IP68 connector
EX. ATEX LED ROBUST TRI-PROOF LIGHTS

30- & 60 Watt LED Robust Tri-Proof Light
___ 30Watt 3.900 Lumens in Total
___ 60Watt 6.000 Lumens in Total

Specifications:

Light Source: SMD 30Watt or SMD 60Watt
Power Consumption: 30Watt or 60Watt
Efficiency: >90%
 Lumens per Watt: 100 Lms./Watt
Beam Angle: 120°
LED Colours: 3900K Natural White
Colour Rendering Index: >80 CRI
Operating Voltage: 100-305Vac 50 ~60Hz
Driver:
30Watt – Sosen Electronics SS-35H series
60Watt – Sosen Electronics SS-60H series
Ta: -40° - +55°
Material Fixture: Hard Anodized Aluminium, Polycarbonate & A4 316 Stainless Steel Parts
Weight:
30Watt – 4.7kg
60Watt – 6.6kg
IP Rating: IP66
Dimensions:
30Watt : 940mm x 140mm x 80mm – 37” x 5.5” x 3.15” (W x H x D)
60Watt : 1.540mm x 140mm x 80mm – 60.63” x 5.5” x 3.15” (W x H x D)
Certifications:
EMC Directive 204/108/EC
EN 61000-3-2: 2006/A2: 2009
EN 616000-3-3: 2008;
ATEX Explosion Proof Certified for Europe
UL8750 & UL844 on request
In compliance with IEC60092-306

Anti Explosive LED Fixture
II G Ex ec IIC T6 Gb
II D Ex te IIIC T80°C Dc
Cert. No.: ECM 16 ATEX-B 150

30- and 60Watt version standard supplied with 18Watt 20-30Vdc Emergency Circuit
FLOOD / CANOPY LIGHT

40Watt LED Flood Light
___ 40Watt 5.200 Lumens in Total

The FLEX series are replacements for high pressure sodium and halogen flood lights with Ex. Atex or UL844 certification.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Art.No.</td>
<td>FLEX-040-39GR-HV</td>
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<tr>
<td>Light Source</td>
<td>24pcs USA Bridgelux Chip</td>
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<tr>
<td>Power Consumption</td>
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<td>Efficiency</td>
<td>&gt;90%</td>
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<td>Lumens Per Watt</td>
<td>130 Lms./Watt</td>
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<td>Beam Angle</td>
<td>80°</td>
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<td>LED Colours</td>
<td>3900K Natural White</td>
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<tr>
<td>Colour Rendering Index</td>
<td>&gt;80 CRI</td>
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<tr>
<td>Operating Voltage</td>
<td>100-305Vac 50 ~60Hz</td>
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<tr>
<td>Driver</td>
<td>Meanwell HLG-40H-42A</td>
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<td>Ta</td>
<td>-40° - +55°</td>
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<tr>
<td>Material Fixture</td>
<td>Aluminium: ZL102 Mn0.2<del>0.5</del>mg&lt;=0.25~Si&lt;=0.65</td>
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<td>Affix Material &amp; Mounting Bracket</td>
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<td>Weight</td>
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<td>Finish</td>
<td>Seawater resistant powder coating</td>
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<td>Dimensions</td>
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<td>7.85” x 7.85” x 5.1” (W x H x D)</td>
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<td>EN 61000-3-3: 2008;</td>
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<td>In compliance with IEC60092-306</td>
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</table>

Anti Explosive LED Fixture
II 2G Ex eb mb IIA T4 GB
II 2D Ex tb IIIC T(95°) Db
Cert.No.: IEP 14 ATEX 0219

Available with U-bracket
FLOOD / CANOPY LIGHT

80Watt LED Flood Light
___ 80Watt 10,400 Lumens in Total

The FLEX series are replacements for high pressure sodium and halogen flood lights with Ex. Atex or UL844 certification.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

Art.No.: FLEX-080-39GR-HV
Light Source: 60pcs USA Bridgelux Chip
Power Consumption: 80Watt
Efficiency: >90%
Lumens Per Watt: 130 Lms./Watt
Beam Angle: 80°
LED Colours: 3900K Natural White
Colour Rendering Index: >80 CRI
Operating Voltage: 100-305Vac 50 ~60Hz
Driver: Meanwell HLG-80H-42
Ta: -40° - +55°
Material Fixture: Aluminium: ZL102 Mn0.2~0.5~mg<=0.25~Si<=0.65
Affix Material & Mounting Bracket: A4 316 Stainless Steel 4mm – 0.16”
Weight: 9.5kg
IP Rating: IP68
Finish: Seawater resistant powder coating
Dimensions: 300mm x 300mm x 150mm (W x H x D)
11.8” x 11.8” x 5.9” (W x H x D)
Certifications:
EMC Directive 204/108/EC
EN 55015: 2006+A1: 2007,
EN 61000-3-2: 2006/A2: 2009;
ATEX Explosion Proof Certified for Europe
UL844
In compliance with IEC60092-306

Anti Explosive LED Fixture
II 2G Ex eb mb IIA T4 GB
II 2D Ex tb IIC T(95°) Db
Cert.No.: IEP 14 ATEX 0219

E-LED Lighting BV & Inc.
European Office: Tel: +31 (0)346 28 62 62, Fax +31 (0) 346 28 70 67, E-mail Info@E-LEDLighting.com
United States Office: Tel: +1 (561) 845-7460, Fax: +1 (561) 214-4928, E-mail Info@E-LEDLighting.com
**FLOOD / CANOPY LIGHT**

**120Watt LED Flood Light**

- **120Watt 15,600 Lumens in Total**

### Specifications:

<table>
<thead>
<tr>
<th>Art.No.</th>
<th>FLEX-120-39GR-HV</th>
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<tbody>
<tr>
<td>Light Source</td>
<td>96pcs USA Bridgelux Chip</td>
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<tr>
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<td>Lumens Per Watt:</td>
<td>130 Lms./Watt</td>
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<tr>
<td>Beam Angle:</td>
<td>80°</td>
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<tr>
<td>LED Colours:</td>
<td>3900K Natural White</td>
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<tr>
<td>Colour Rendering Index:</td>
<td>&gt;80 CRI</td>
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<td>Operating Voltage:</td>
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<td>Meanwell HLG-120H-42</td>
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<td>Ta:</td>
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<td>Material Fixture:</td>
<td>Aluminium: ZL102 Mn0.2<del>0.5</del>mg&lt;=0.25~Si&lt;=0.65</td>
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<tr>
<td>Affix Material &amp; Mounting Bracket:</td>
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<td>Weight:</td>
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<td>IP Rating:</td>
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<td>Finish:</td>
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<td>Dimensions:</td>
<td>400mm x 400mm x 160mm (W x H x D)</td>
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<td>15.8” x 15.8” x 6.3” (W x H x D)</td>
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Anti Explosive LED Fixture
II 2G Ex eb mb IIA T4 GB
II 2D Ex tb IIIC T(95°) Db
Cert.No.: IEP 14 ATEX 0219

In compliance with IEC60092-306

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The FLEX series are replacements for high pressure sodium and halogen flood lights with Ex. Atex or UL844 certification.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
The MPFL series are suitable for multiple interior purposes on board. The red circuit is for night illumination or emergency applications.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

**Specifications:**

- **Art.No.:** MPFL-18W-39+E-WH-H/L to MPFL18W-55-WH-LV
- **Light Source:** SMD 18Watt
- **Power Consumption:** 18Watt
- **Efficiency:** >90%
- **Lumens Per Watt:** 140 Lms./Watt
- **Beam Angle:** 160°
- **LED Colours:** 3900K Natural White, 3900K Natural White + 3900K Natural White (back-up circuit), 3900K Natural White + Red Circuit, 5500K Cool White
- **Colour Rendering Index:** >80 CRI
- **Operating Voltage:** 10-30Vdc, 85-265Vac 50 ~60Hz, 10-30Vdc + 85-265Vac 50 ~60Hz
- **Ta:** -20° - +50°
- **Material Fixture:** Aluminium & Polycarbonate
- **Weight:** 1.3kg
- **IP Rating:** IP55
- **Finish:** White
- **Exterior Dimensions:**
  - Surface Mount: 445mm x 175mm (17.5” x 6.9”)
  - Recessed Mount: 403mm x 142mm (15.9” x 5.6”)
- **Installed Height Dimensions:**
  - Surface Mount: 35mm (1.4”)
  - Recessed Mount: 20mm (0.8”)
- **Cut Out for Flush Mount:** 370mm x 125mm (14.6” x 4.9”)
- **Certifications:**
  - EMC Directive 2004/108/EC
  - EN 61000-3-2: 2006/A2: 2009
  - EN 61000-3-3: 2008
  - In compliance with IEC60092-306
ULTRA SLIM LED CEILING LIGHTS

12- & 18 Watt LED Ceiling Light

- 12Watt 1.200 Lumens in Total
- 18Watt 1.800 Lumens in Total

The USLC series can be installed surfaced or recessed mount for various interior applications such as cabins, hallways, stairs etc. Supplied in 3000K Warm White.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- Art.No.: USLC-12W-30-SQ-HV & USLC-18W-30-SQ-HV
- Light Source: SMD 12Watt 250x250mm & SMD 18Watt 300x300mm
- Power Consumption: 12Watt & 18Watt
- Efficiency: >90%
- Lumens Per Watt: 100 Lms./Watt
- Beam Angle: 160°
- LED Colours: 3000K Warm White
- Colour Rendering Index: >85 CRI
- Operating Voltage: 85-265Vac 50 ~60Hz + 20-30Vdc Emergency Circuit (optional)
- Material Fixture: Polycarbonate Lens and Plastic Housing
- Weight:
  - 12Watt – 0.7kg
  - 18Watt – 0.9kg
- Impact Rating: IK10
- IP Rating: IP55
- Finish: White Trim Ring or Silver Trim Ring

Exterior Dimensions:

- Surface Mount:
  - 12Watt Square 250mm x 250mm – 9.85”x9.85”
  - 18Watt Square 300mm x 300mm – 11.8”x11.8”
- Recessed Mount:
  - 12Watt Square 230mm x 230mm – 9.06”x9.06”
  - 18Watt Square 280mm x 280mm – 11.03”x11.03”

Installed Height Dimensions:

- Surface Mount:
  - 12Watt Square 40mm – 1.58”
  - 18Watt Square 40mm – 1.58”
- Recessed Mount:
  - 12Watt Square 24mm – 0.95”
  - 18Watt Square 24mm – 0.95”

Cut Out for Recessed Mount:

- 12Watt 2400mm x 2400mm – 94.48” x 94.48”
- 18Watt 2900mm x 2900mm – 114.17” x 114.17”

Certifications:

- EMC Directive 2014/30/EU
- EN 61000-3-2: 2006/A2: 2009;
- EN 61000-3-3: 2008
- In compliance with IEC60092-306

Available with 5Watt 20-30Vdc powered Emergency Circuit for the 12- and 18Watt version
The 20Watt USLC series is standard supplied with 3hrs battery back-up and 0-10V dimmable driver. Can be used interior- and exterior due the IP66 rating.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- **Art.No.**: USLC-20-30-WH-HVE
- **Light Source**: Epistar 2835 LED Chips
- **Power Consumption**: 20Watt
- **Efficiency**: >90%
- **Lumens per Watt**: 100Lms./Watt
- **Beam Angle**: 120°
- **LED Colours**: 3000K Warm White
- **Colour Rendering Index**: >80CRI
- **Operating Voltage**: 85-265Vac 50 ~60Hz
- **Material Fixture**: Polycarbonate Lens & Plastic backside
- **Weight**: 1.7kg
- **IP Rating**: IP66
- **Finish**: White
- **Mounting**: Surface or Recessed
- **Dimensions**: Surface: 320mm x 320mm x 65mm - 12.6” x 12.6” x 2.55”  
  Recessed: 300mm x 300mm x 30mm - 11.8” x 11.8” x 1.18”
  EN 61000-3-2:2006/A2: 2009  
  EN 616000-3-3:2008;  
  In compliance with IEC60092-306
LED DOWN LIGHTS

15-, 21- or 30Watt LED Down Lights

- 15Watt 1,500 Lumens in Total
- 21Watt 2,100 Lumens in Total
- 30Watt 3,000 Lumens in Total

The RLDL series are supplied with a standard dimmable driver and high lumen output. Available with red- or blue glass for night illumination.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:


Light Source: Sharp COB LED

Power Consumption: 15-, 21- or 30Watt

Efficiency: >95%

Lumens per Watt: 100 Lms./Watt

Beam Angle: 140°

LED Colours: 3900K Natural White

Colour Rendering Index: >85 CRI

Operating Voltage: 10-30Vdc (15Watt) and 100-305Vac 50 ~60Hz

Driver:
- 15Watt: LF-GDE023YF0350U
- 21Watt: LF-GDE023YF0450U
- 30Watt: LF-GDE023YF0550U

Ta: -30° - +50°

Material Fixture: Aluminium: ZL102 Mn0.2~0.5~mg<=0.25~Si<=0.65

Weight:
- 15Watt – 0.7kg
- 21Watt – 0.9kg
- 30Watt – 1.1kg

IP Rating: IP44

Finish: Powder Coated White

Mounting: Spring Clip

Dimensions:
- Ø140 x 60mm 15Watt, Ø190 x 90mm 21Watt, Ø230 x 80mm 30Watt
- Ø5,5” x 3,2” 15Watt, Ø7,5 x 3,2” 21Watt, Ø9” x 3,2” 30Watt

Certifications:
- EMC Directive 204/108/EC
- EN 55015: 2006+A1: 2007,
- EN 61000-3-2: 2006+A1: 2007,
- EN 61000-3-3: 2008;

In compliance with IEC60092-306

Standard supplied with dimmable driver

15Watt available in 10-30V/dc dimmable version

Available with red- or blue glass for night illumination
LED WALL LIGHT

6Watt LED Wall Lights

___ 600 Lumens in Total

The WL series is a decorative wall light which reflects nicely on the wall.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- Art.No.: WL-6W-140-30-WH-HV & WL-6W-200-30-WH-HV (incl. groove)
- Light Source: SMD 6Watt
- Power Consumption: 6Watt
- Efficiency: >90%
- Lumens per Watt: 100 Lms./Watt
- LED Colours: 3900K Natural White
- Colour Rendering Index: >80 CRI
- Operating Voltage: 85-265Vac 50 ~60Hz
- Material Fixture: Aluminium
- Weight: 0.4kg
- IP Rating: IP44
- Dimensions: WL-6W-140-30-WH-HV – 140mm x 140mm x 80mm – 5.51´´ x 5.51´´ x 3.15´´
  WL-6W-200-30-WH-HV - 200mm x 120mm x 50mm – 8.27” x 5.91” x 1.97”
- Certifications: EMC Directive 204/108/EC
  EN 61000-3-2: 2006/A2: 2009
  In compliance with IEC60092-306

Dimmable version available on request
MULTI PURPOSE CABINET LIGHTS

10- & 20 Watt Multi-Purpose Cabinet Lights

- 10Watt 1.300 Lumens in Total
- 20Watt 2.600 Lumens in Total

The MPCL series is multi-functional fixture which can be used as mirror light, corridor light etc.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- Art.No.: MPCL-10-30WH-HV & MPCL-20-30WH-HV
- Light Source: SMD 10Watt or SMD 20Watt
- Power Consumption: 10Watt or 20Watt
- Efficiency: >90%
- Lumens per Watt: 130Lms./Watt
- Beam Angle: 140°
- LED Colours: 3000K Warm White
- Colour Rendering Index: >80CRI
- Operating Voltage: 85-265Vac 50 ~60Hz
- Ta: -20° - +45°
- Material Fixture: Aluminium & Polycarbonate
- Weight: 10Watt – 0.4kg
- 20Watt – 0.6kg
- IP Rating: IP44
- Finish: White
- Mounting: Surface
- Dimensions: 10Watt - 567mm x 63mm x 30mm – 22.32” x 2.48” x 1.18”
- 20Watt – 1175mm x 63mm x 30mm – 46.34” x 2.48” x 1.18”
- Certifications: EMC Directive 204/108/EC
- EN 61000-3-2:2006/A2: 2009
- EN 616000-3-3:2008;
- ETL Certified according to UL1598
- In compliance with IEC60092-306

Available with on/off switch, and Razor Socket
Available with on/off switch only
Available without any switch or socket
BUNK LED LIGHT

10Watt Bunk LED Light
— 1,000 Lumens in Total

The BLL series is a bunk light with convenient light for reading and comes with a USB port for charging electronic devices.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.No.</td>
<td>BLL-10-30SL-HV</td>
</tr>
<tr>
<td>Light Source</td>
<td>Epistar 2835</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>10Watt</td>
</tr>
<tr>
<td>Efficiency</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Lumens per Watt</td>
<td>100Lms./Watt</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>90°</td>
</tr>
<tr>
<td>LED Colours</td>
<td>3000K Warm White</td>
</tr>
<tr>
<td>Colour Rendering Index</td>
<td>&gt;80CRI</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>85-265Vac 50 ~60Hz</td>
</tr>
<tr>
<td>Ta</td>
<td>-20° - +45°</td>
</tr>
<tr>
<td>Material Fixture</td>
<td>Aluminium &amp; Polycarbonate</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7kg</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP20</td>
</tr>
<tr>
<td>Finish</td>
<td>Silver Grey</td>
</tr>
<tr>
<td>Mounting</td>
<td>Surface</td>
</tr>
<tr>
<td>Dimensions</td>
<td>347mm x 93mm x 69mm – 13.66&quot; x 3.66&quot; x 2.71&quot;</td>
</tr>
<tr>
<td>Certifications</td>
<td>EMC Directive 204/108/EC</td>
</tr>
<tr>
<td></td>
<td>EN 61000-3-2:2006/A2: 2009</td>
</tr>
<tr>
<td></td>
<td>EN 616000-3-3:2008;</td>
</tr>
<tr>
<td></td>
<td>In compliance with IEC60092-306</td>
</tr>
</tbody>
</table>

Supplied with on/off switch, outlet and USB port

Supplied with on/off switch and USB port
MULTI PURPOSE WALL LIGHT
7Watt Multi Purpose Wall Light
— 700 Lumens in Total

The MPWL series is suitable for interior and exterior areas with minimal space and need for lighting.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.

Specifications:

- Art.No.: MPWL-7W-39-WH-LV
- Light Source: Epistar 2835
- Power Consumption: 7Watt
- Efficiency: >90%
- Lumens per Watt: 100Lms./Watt
- Beam Angle: 40°
- LED Colours: 3900K Natural White
- Colour Rendering Index: >80CRI
- Operating Voltage: 10-30Vdc
- Ta: -20° - +45°
- Material Fixture: Polycarbonate & Hard Anodized Aluminium
- Weight: 0.4kg
- IP Rating: IP67
- Finish: White
- Mounting: Surface
- Dimensions: 129mm x 60mm x 43mm – 5.07'' x 2.36'' x 1.69''
- Certifications: EMC Directive 204/108/EC
EMC Directive 204/108/EC
EN 61000-3-2:2006/A2: 2009
EN 616000-3-3:2008;
In compliance with IEC60092-306

Dimmable with DRK series dimmer
Standard supplied with isolating gasket
Available with IP67 Male + Female Bullet connectors
**LED LOCKER LIGHT**

**7Watt LED Locker Light**

- **350 Lumens in Total**

**Specifications:**

- Art.No.: LLL-7W-30WH-LV
- Light Source: 1 x 7Watt Ceramic LED
- Power Consumption: 7 Watt
- Efficiency: >90%
- Lumens per Watt: 350 Lms./Watt
- Beam Angle: 180°
- LED Colours: 3000K Warm White + Red circuit
- Colour Rendering Index: >80 CRI
- Operating Voltage: 10-30Vdc
- Material Fixture: Polycarbonate
- Mounting: Screw Mount
- Weight: 0.3kg
- IP Rating: IP66
- Finish: White
- Dimensions: Ø130mm x 30mm
  - Ø5.11” x 1.18”
- Certifications:
  - CE Certificate Number: B-E09110908
  - EMC Directive 2004/108/EC
  - EN 55015: 2006+A1: 2007,
  - EN 61000-3-2: 2006/A2: 2009;
  - EN 61000-3-3: 2008;
  - In compliance with IEC60092-306

The LLL series is introduced for small lockers with need for lighting. The IP66 rating, white- and red LED option and standard dimming function makes this is a multi-functional light for small spaces.

All E-LED Lighting fixtures are manufactured in compliance with all maritime requirements and regulations.
LED CHART LIGHT

3Watt LED Chart Light White/Red
50cm Flexible Gooseneck
300 Lumens in Total

Specifications:

Art.No.: CHFL-3-39/R-BL-LV
Light Source: SMD 3Watt
Efficiency: >90%
Lumens Per Watt: 100 Lms./Watt
Beam Angle: 120°
LED Colours: 3900K Natural White & Red LED – both dimmable
Operating Voltage: 10-30Vdc
Material Fixture: Aluminium
Weight: 0.2kg
IP Rating: IP44
Certifications: EMC Directive 204/108/EC
EN 55015: 2006/A1: 2007;
EN 61000-3-2: 2006/A2: 2009;
EN 61000-3-3: 2008
In compliance with IEC60092-306
2Watt LED Chart Light White/Red
38cm Flexible Gooseneck
150 Lumens in Total

Specifications:
- Art.No.: CHFL-2-30/R-CH-LV
- Light Source: SMD 2Watt
- Power Consumption: 2Watt
- Efficiency: >90%
- Lumens per Watt: 100 Lms./Watt
- Beam Angle: 120°
- LED Colours: 3000K Warm White + Red LED – both dimmable
- Operating Voltage: 10-30V/DC
- Material Fixture: Aluminium
- Weight: 0.15kg
- Finish: Chrome
- IP Rating: IP44
- Certifications: EMC Directive 204/108/EC
  - EN 55015: 2006+A: 2007,
  - EN 61000-3-2: 2006+A1: 2007,
  - EN 61000-3-3: 2008;
  - In compliance with IEC60092-306
**LED READING LIGHT**

**2Watt LED Reading Light White + Blue Indicator Rings**

- **3cm Rotatable**
- **150 Lumens in Total**

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.No.</td>
<td>WRTD-2-30/B-CH03-LV</td>
</tr>
<tr>
<td>Light Source</td>
<td>SMD 2Watt</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>2Watt</td>
</tr>
<tr>
<td>Efficiency</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Lumens per Watt</td>
<td>100 Lms./Watt</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>120°</td>
</tr>
<tr>
<td>LED Colours</td>
<td>3000K Warm White + Blue indicator rings</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>10-30V/DC</td>
</tr>
<tr>
<td>Material Fixture</td>
<td>Aluminium</td>
</tr>
<tr>
<td>Weight</td>
<td>0.15kg</td>
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<tr>
<td>Finish</td>
<td>Chrome</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP44</td>
</tr>
<tr>
<td>Certifications</td>
<td>EMC Directive 204/108/EC</td>
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<td>EN 55015: 2006+A: 2007,</td>
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<td>EN 61000-3-2: 2006+A1: 2007,</td>
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<tr>
<td></td>
<td>EN 61000-3-3: 2008;</td>
</tr>
<tr>
<td></td>
<td>In compliance with IEC60092-306</td>
</tr>
</tbody>
</table>
Specifications:

Art.No.: WRTD-2-30/B-CH10-LV
Light Source: SMD 2Watt
Power Consumption: 2Watt
Efficiency: >90%
Lumens per Watt: 100 Lms./Watt
Beam Angle: 120°
LED Colours: 3000K Warm White + Blue indicator rings
Operating Voltage: 10-30V/DC
Material Fixture: Aluminium
Weight: 0.15kg
Finish: Chrome
IP Rating: IP44
Certifications: EMC Directive 204/108/EC
EN 55015: 2006+A: 2007,
EN 61000-3-2: 2006+A1: 2007,
EN 61000-3-3: 2008;
In compliance with IEC60092-306
EMERGENCY SIGN LED LIGHTS
4Watt LED Exit Sign Light
— 260 Lumens in Total

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Art.No.</td>
<td>LESL-4W-3HR-120-CM to LESL-4W-3HR-220-WM</td>
</tr>
<tr>
<td>Light Source</td>
<td>2835 SMD + Li-ion battery</td>
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<tr>
<td>Power Consumption</td>
<td>4Watt</td>
</tr>
<tr>
<td>Efficiency</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Lumens per Watt</td>
<td>65Lms./Watt</td>
</tr>
<tr>
<td>Viewing Distance</td>
<td>24meter</td>
</tr>
<tr>
<td>LED Colours</td>
<td>6000K Cool White</td>
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<tr>
<td>Colour Rendering Index</td>
<td>&gt;80CRI</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>120Vac 50 ~60Hz or 220-240Vac 50 ~60Hz</td>
</tr>
<tr>
<td>Ta:</td>
<td>-20° ~ +40°</td>
</tr>
<tr>
<td>Material Fixture</td>
<td>Flame Resistant ABS + Poly Carbonate Cover</td>
</tr>
<tr>
<td>Weight</td>
<td>0.85kg</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
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<tr>
<td>Finish</td>
<td>White</td>
</tr>
<tr>
<td>Exterior Dimensions</td>
<td>Surface Mount: 311mm x 135,5mm x 62.9mm – 12.24” x 5.33” x 2.47”</td>
</tr>
<tr>
<td></td>
<td>Recessed Mount: 311mm x 135,5mm x 47.9mm – 12.24” x 5.33” x 2.47”</td>
</tr>
<tr>
<td>Certifications</td>
<td>CE Certificate Number: B-E09110908</td>
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<td>EMC Directive 204/108/EC</td>
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<td></td>
<td>EN 61000-3-2:2006/A2: 2009</td>
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<td>EN 616000-3-3:2008;</td>
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<td></td>
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<tr>
<td></td>
<td>SAA Certified</td>
</tr>
<tr>
<td></td>
<td>ENEC Certified</td>
</tr>
</tbody>
</table>

Supplied with 3 hours back-up battery

LESL series is supplied with self-test button + auto self-test + fault diagnostics test for Battery circuit

Available with various pictogram features