

| Feature               | E-LEDLIGHTING / MAST PRODUCTS           | Generic LED Floodlight | Benefit  |
|-----------------------|---|------------------------|--|
| <b>LIGHT HOUSING</b>  |   |                        |  |
| Finish                | Double Powder-Coating                   | Painted                | Powder-Coating offers better resistance to corrosion   |
| Bracket               | 316-Stainless Steel                     | Aluminum               | SS-bracket to resist corrosion                         |
| Fastener              | All 316-Stainless Steel                 | 304-SS                 | 316-SS offer superior resistance to corrosion          |
| Gasket                | Honeycomb Composite Rubber              | Silicone               | Retains sealing properties for the life of the fixture |
| Glass                 | Tempered Low-Iron                       | Standard Glass         | Offers superior resistance to breakage                 |
| Cable Gland           | UL-Approved Plastic - 20 mm             | Chrome Plated Copper   | Larger size allows using on-board wire size            |
| Pressure Compensation | Gore-Tex Membrane Integrated into Gland | None                   | Eliminates fogging up due to temperature fluctuation   |
| IP Rating             | IP-67                                   | None Listed            | insures integrity in severe marine environments        |

|                          |                |                      |   |
|--------------------------|----------------|----------------------|---|
| <b>LED</b>               |                |                      |   |
| Chip Source              | USA            | Not Stated - Unknown | More rigid QC with certainty of specification   |
| Output - Lumens per watt | 70 Lumens/Watt | 55-Lumens/Watt       | More illumination output with the same input    |
| Light Output in Lumens   | 3500-Lumens    | 2750-Lumens          | Better efficiency , more Light                  |
| Color of Output          | 3900K          | 6970K                | 3900K Preserves depth perception, increases CRI |
| CRI Index                | >80            | Stated as N/A        | 80+ Provides natural rendition of color         |

|                         |  |                       |  |
|-------------------------|--|-----------------------|--|
| <b>DRIVER</b>           |  |                       |  |
| Electronic Interference | Sine Wave Tested, Non-Interference       | Not Stated            | Can disturb on-board sine wave power               |
| Driver Isolation        | Shielded to prevent leakage-free of mass | Not Stated            | Minimal leak can effect component electrolysis     |
| Driver Mounting         | Shock mounted to isolate from vibration  | Hard Mounted to light | Protects driver to insure long life                |
| Operating Voltage       | 85-265VAC - 50/60Hz                      | 90-240VAC - 50/60Hz   | Wider range to survive on-board voltage variations |

|                                       |             |                |  |
|---------------------------------------|-------------|----------------|--|
| <b>CERTIFICATES &amp; COMPLIANCES</b> |             |                |  |
| CE                                    | B-E09110908 | Not Specified  | Built to international specifications                |
| EMC Directive                         | 204/108/EC  | None Specified | EMI/RFI standards to prevent electronic interference |
| UL Compliance                         | UL1993      | None Specified | Built to US specifications                           |

|   |  |         |  |
|---|--|---------|--|
| <b>DESIGN, MANUFACTURE &amp; DISTRIBUTION</b> |  |         |  |
| Design Location                               | Holland by Mast Products                 | Unknown | Constant incorporation of design improvements      |
| Final Assembly                                | Holland by Mast Products                 | China   | European QC with rigid adherence to specifications |
| USA Representative                            | Florida, USA by Marine Lighting Products | Unknown | US shipments - local representation                |
| Distribution                                  | Beck Electric Supply                     | Unknown | US shipments - local distribution                  |
| Warranty                                      | Florida, USA by Marine Lighting Products | Unknown | Local warranty, parts and service                  |

## “It looks the same, but it is not”

This comparison chart has been generated in an effort to illustrate the vast performance and quality differences between the E-LEDLIGHTING / MAST PRODUCTS fixtures and the typical generic floodlight manufactured and assembled in China. The average LED floodlight, as you will surmise from the attached comparison chart, is built to a price rather than to a performance standard. The average LED floodlight will not survive the marine environment and is not aptly suited to that purpose.

The only component that is identical in the E-LEDLIGHTING / MAST PRODUCTS floodlight and the average unit is the housing. These are mass produced and then fitted with components of varying quality. Every component used in our fixture is specially selected to withstand the harshest of marine environments.

While stated, but not explained on the chart, the LED and driver are optimized for use aboard commercial vessels. The color of the LED is selected to provide the most natural color rendition along with enhanced perception of depth. The driver is also isolated, shielded and tested to ensure that it does not leak voltage that would cause electrolysis, propagate EMI or RFI that could affect other on-board electronics.