### Data Sheet | 2018





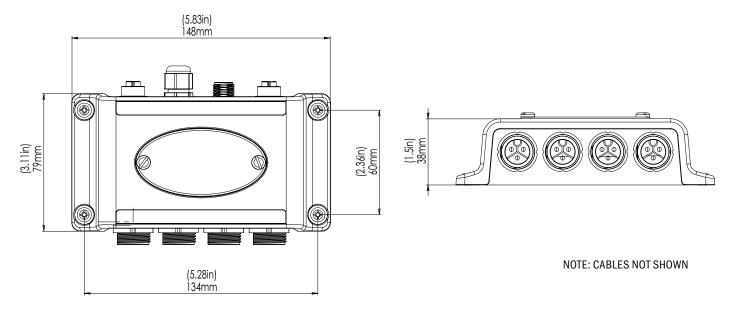
# **SUPRA Series - THX/TIX** i-Connect Hub Kit



JUNCTION BOX & SWITCH FOR SUPRA THX/TIX SERIES LIGHTS

| PART DESCRIPTION                    | SUPRA THX/TIX I-CONNECT HUB & SWITCH  |
|-------------------------------------|---|
| Part Number                         | 60-0329 (HUB & SWITCH)  |
| For Use With                        | All THX and TIX SUPRA Series Underwater Lights (DC Versions)  |
| Max Number of Lights Per Hub        | 4   |
| Max Number of Hubs Per Installation | Up to 16 (THX/TIX)  |
| Ingress Protection Rating           | IP68  |
| Features                            | Full Lumi-Link Capability for control via certified MFD<br>Specially Designed for Ease of Installation<br>IP 68 Plug and Play Connections<br>Built in Switching Power Relay<br>Replaceable Blade Fuse For Each Light<br>Status Indication LED for Each Light<br>Built In Noise Filter |
| Warranty                            | 2 Years   |
| User Control Options                | SUPRA i-Connect Hub Switch<br>Control via certified MFD*  |

\* Requires SUPRA Lumi-Link Bridge Module





## **SUPRA Series - THX/TIX** i-Connect Hub Kit



JUNCTION BOX & SWITCH FOR SUPRA SERIES THX/TIX LIGHTS

### TECHNICAL

| Number of Lights per Hub                           | 4   |
|--|---|
| Max Number of Hubs per<br>Installation (Thru-Hull) | 16 Hubs (64 Lights)<br>(Note: for larger systems please<br>contact Lumishore for options) |
| Connections  | Plug and Play   |
| Fuses  | Replaceable Blade Fuses.<br>Each Light Individually Fused                                 |
| Status Indication LEDs                             | Yes - for Each Light  |
| Voltage Range                                      | 10.5 - 31V DC*  |
| Max Input Current                                  | 40 A  |
| Max Output Current<br>(i.e. Max Current Per Light) | 10 A  |
| Cable Entry / Exit                                 | IP68 Connections  |
| Switching Method                                   | Built-in Relay  |
| Noise Suppression                                  | Built-in Noise Filter   |
| Reverse Polarity Protection                        | Yes   |
| Lumi-Link Compatible                               | Yes   |

| SUPRA I-CONNECT HUB & SWITCH FUNCTIONALITY |  |  |
|--|--|--|
| Mode                                       | Toggle switch to move to the next mode |  |
| White                                      | Yes                                    |  |
| Blue                                       | Yes                                    |  |
| Strobe                                     | Yes                                    |  |
| Synchronized Strobe                        | Yes                                    |  |
| Fade Mode                                  | Yes                                    |  |
| Synchronized Fade Mode                     | Yes                                    |  |
| Light Control via MFD Screen               | Yes*                                   |  |

\*These features require a SUPRA Lumi-Link Bridge Module and compatible MFD. This allows easy integration and control direct from MFDs, and other third party control systems.

| SUPRA I-CONNECT HUB ACCESSORIES  | PART NUMBER |
|--|-------------|
| Additional THX / TIX Hub   | 60-0330     |
| 3m Light Extension Cable   | 24-0247     |
| SUPRA Lumi-Link Bridge Module for Garmin<br>MFDs with OneHelm™ Integration | 60-0353     |

\*Some lights are 24 V DC only – refer to the light Datasheet for further information

#### PHYSICAL

| Ingress Protection                           | IP 68   |
|--|---|
| Size – Not Including Cable Glands<br>(LxWxH) | 148 mm x 79 mm x 38 mm<br>(5.83" x 3.11" x 1.50") |
| Box Construction                             | Robust Weatherproof ABS                           |



The world's first marine lighting API (Application Programming Interface) allowing plug-&-play integration of Lumishore SUPRA & EOS underwater lighting systems with a single cable to your certified Multi-Function Display (MFD) creating a centralized control platform for the entire vessel reducing helm clutter and simplifying vessel operation. Now available for Garmin OneHelm<sup>™</sup> MFDs.