

# Lighting

## NAVIGATION LIGHTS

### Aqua Signal

- Long lifetime, up to 100,000 operating hours (depending on ambient temperature)
- Main and back up system in one housing
- Glass-fibre reinforced polycarbonate or brass housing. Other components of non-corroding materials. Seawater resistant. Lid anodized aluminium or brass.
- High power LED light source, mounted on aluminium rod: 4 LED for side and stern lights, 6 LED for masthead, 7 LED for all-round lights. Upper section: main system, lower section: back-up system



65 SERIES LED

Item Number	Description	Nautical Mile (nm)	Price
3660005000	Series 65 Manoeuvre	5	\$1,154.00
3660105000	Series 65 Signalling green	3	\$1,154.00
3660205000	Series 65 Signalling red	3	\$1,744.50
3660405000	Series 65 Signalling yellow	3	\$1,154.00
3661005000	Series 65 Masthead	6	\$1,744.50
3662405000	Series 65 Stern yellow	3	\$1,163.00
3662705000	Series 65 Stern white	3	\$1,154.00
3663105000	Series 65 Starboard	3	\$1,163.00
3664205000	Series 65 Port	3	\$1,163.00

- Application depending on required visibilities
- Suitable for ship size: >20m/65ft., <50M/164ft.
- 24V or 12v
- USCG, IMO, CE, approved



55 SERIES

Item Number	Type	Lens	Visibility (nm)	Price
<b>Incandescent</b>				
<b>Lights 25 Watt</b>				
3531750000	All Round	White	2	\$252.00
3531150000	All Round	Green	2	\$238.44
3531250000	All Round	Red	2	\$222.22
3535150000	Starboard	Green	2	\$263.79
3534250000	Portside	Red	2	\$234.88
3532050000	Masthead	White	5	\$236.70
3533750000	Stern	White	2	\$234.89

Item Number	Type	Price
<b>Lamp Holder</b>		
90127-1	Holder for series 40/55	\$17.95

List pricing in catalog is subject to change without notice.

# Aqua Signal LED Navigation Light Panels

Control unit (frontplate) consisting of aluminum plate with printed foil, standard color black (other colors upon request), with up to 48 switches for lights and up to 4 freely programmable settings for example "Sailing" or "At Anchor". Switch and monitoring unit is mounted on a plate which has to be accommodated in a steel box. It contains the relay cards, power supply unit, melting fuses or circuit breakers and terminal rails. In case of control unit failure the lights can be switched by hand in the switch and monitoring unit. With BUS interface connection to external systems for uni- or bidirectional data transfer (RS485, RS232, Ethernet via http (Web Server) or Modbus TCP). DNV-GL certified touch panel PC can be also connected.



- Electric: 24 VDC, 230 VAC /115 VAC ± 10% - 50/60 Hz
- Approvals: Germanischer, Lloyd, Bureau Veritas, Russian Maritime Register of Shipping
- Frontplate: 3 standard sizes
- Call for pricing

### Measurements inches"(mm)

#### For 16 + 16 + 16 circuits:

Width 29.5(750) - Height 35.4(900) - Depth 4.8(122)

#### For 16 + 16 circuits:

Width 29.5(750) - Height 23.6(600) - Depth 4.8(122)

#### For 8 + 8 circuits:

Width 19.1(485) - Height 23.6(600)

# Hella

- Multivolt™ 9-33VDC
- Fully sealed for life. IP 67 certified -No bulbs, No maintenance, Ultra long service life
- Pre-wired with 2.5m of twin core marine cable
- Port, Starboard and Stern lamps consume less than 3.2 watts combined.















NAVILED PRO SERIES

Item Number	Description	Nautical Mile (nm)	Price
959900-001	NAVILED PRO PORT Black	2	\$160.00
959900-011	NAVILED PRO PORT White	2	\$160.00
959909-001	NAVILED PRO STBD Black	2	\$160.00
959908-011	NAVILED PRO STBD White	2	\$160.00
959909-001	NAVILED PRO Stern Black	2	\$160.00
959909-011	NAVILED PRO Stern White	2	\$160.00

# Lighting




## NAVIGATION LIGHTS

### Lopolights

Product Image	Item Number	Product	Price
<b>Vessels Under 12 Meters</b>			
	101-001	1nm 112.5° Starboard sidelight w/2.5 meter cable	\$274.39
	101-001-B	1nm 112.5° Starboard sidelight, black w/2.5 meter cable	\$274.39
	101-002	1nm 112.5° Port sidelight w/2.5 meter cable	\$274.39
	101-002-B	1nm 112.5° Port sidelight, black w/2.5 meter cable	\$274.39
	101-003	1nm Combined sidelights w/2.5 meter cable	\$392.38
	101-003-B	1nm Combined sidelights, black w/2.5 meter cable	\$392.38
	101-004	1nm Combined sidelights w/2.5 meter cable	\$392.38
	101-005	1nm Tri-color w/0.7 meter cable	\$514.48
	101-009S	1nm Tri-color/anchor/strobe w/0.7 meter cable	\$583.08
	201-010	2nm 225° Masthead w/0.7 meter cable	\$392.38
	201-010DL	2nm 225° Masthead w/decklight, w/0.7 meter cable	\$651.68
	201-020	2nm Masthead/anchor w/0.7 meter cable (power boats)	\$583.08
	201-020-B	2nm Masthead/anchor w/0.7 meter cable black (power boats)	\$583.08
	201-030	2nm Masthead/anchor/stern w/0.7 meter cable (sailboats)	\$583.08
	301-005	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-005-B	2nm 135° Stern light w/2.5 meter cable black	\$425.03
	301-006	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-006-B	2nm 135° Stern light w/2.5 meter cable black	\$425.03

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### Lopolights (Continued)
















Product Image	Item Number	Product	Price
<b>Vessels Under 20 Meters</b>			
	201-003	2nm Combined sidelights w/2.5 meter cable	\$468.29
	201-003-B	2nm Combined sidelights w/2.5 meter cable black	\$468.29
	201-004	2nm Combined sidelights w/2.5 meter cable	\$468.29
	201-005	2nm tri-color w/0.7 meter cable	\$544.93
	201-007S	2nm tri-color/anchor/strobe w/0.7 meter cable	\$936.57
	201-011	3nm 225° Masthead, vertical mount w/0.7 meter cable	\$715.21
	201-011DL	3nm 225° Masthead w/decklight w/0.7 meter cables	\$953.61
	201-021	3nm Masthead/stern/anchor (power boats)	\$800.34
	301-001	2nm 112.5° Starboard sidelight, vertical mount w/2.5 meter cable	\$327.63
	301-001-B	2nm 112.5° Starboard sidelight, vertical mount, black w/2.5 meter cable	\$327.63
	301-001-B 6M	2nm 112.5° Starboard sidelight, vertical mount w/6 meter cable black	\$370.26
	301-002	2nm 112.5° Port sidelight, vertical mount w/2.5 meter cable	\$327.63
	301-002 6M	2nm 112.5° Port sidelight, vertical mount w/6 meter cable	\$370.26
	301-002-B	2nm 112.5° Port sidelight, vertical mount, black w/2.5 meter cable	\$327.63
	301-008	2nm 112.5° Starboard sidelight, horizontal mount	\$345.52
	301-008-B	2nm 112.5° Starboard sidelight, horizontal mount, black	\$345.52
	301-009-B	2nm 112.5° Port sidelight, horizontal mount, black	\$345.52
	301-005	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-005-B	2nm 135° Stern light, black w/2.5 meter cable	\$425.03
	301-006	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-006-B	2nm 135° Stern light, black w/2.5 meter cable	\$425.03

Images are representative of products listed and may not be actual product.

# Lighting

## NAVIGATION LIGHTS















### Lopolights (Continued)

Product Image	Item Number	Product	Price
<b>Vessels under 20 meters - Double Lights</b>			
	201-013ST	2nm 135° Towing light, double w/2.5 meter cable, PE-base	\$1,021.72
	201-013ST-B	2nm 135° Towing light, double w/2.5 meter cable, PE-base, black	\$1,021.72
	301-005ST	2nm 135° Stern light, double w/2.5 meter cable, PE-base	\$783.32
	301-005ST-B	2nm 135° Stern light, double w/2.5 meter cable, PE-base, black	\$783.32
	301-001ST	112.5° Starboard, double w/2.5 meter cable	\$681.14
	301-002ST	112.5° Port, double w/2.5 meter cable	\$681.14
	301-002ST-B	112.5° Port, double w/2.5 meter cable black	\$681.14
	301-008ST	112.5° Starboard, double w/2.5 meter cable, PE-base	\$681.14
	301-008ST-B	112.5° Starboard, double w/2.5 meter cable, PE-base, black	\$681.14
	301-009ST	112.5° Port, double w/2.5 meter cable, PE-base	\$681.14
	301-009ST-B	2nm 112.5° Port, double w/2.5 meter cable, PE-base, black	\$681.14
<b>Vessels under 50 meters</b>			
	200-012	2nm 360° White - Anchor w/0.7 meter cable	\$568.50
	200-012-B	2nm 360° White - Anchor w/0.7 meter cable black	\$568.50
	200-012S	2nm 360° White w/strobe (4nm 120 fl/min) w/0.7 meter cable	\$796.94
	200-012H	2nm 360° White - Anchor, Hoistable w/20 meter cable	\$796.94
	201-013	2nm 135° Yellow Towing light w/2.5 meter cable	\$566.71
	200-014	2nm 360° Red w/0.7 meter cable	\$568.50
	200-014-B	2nm 360° Red w/0.7 meter cable black	\$568.50
	200-015	2nm 360° Green w/0.7 meter cable	\$568.50
	200-016	2nm 180° Red w/0.7 meter cable	\$327.63
	200-018	2nm 180° Green w/0.7 meter cable	\$327.63
	200-024	2nm 180° White w/0.7 meter cable	\$327.63

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### Lopolights (Continued)












Product Image	Item Number	Product	Price
	301-001	2nm 112.5° Starboard sidelight, vertical mount w/2.5 meter cable	\$327.63
	301-001-B	2nm 112.5° Starboard sidelight, vertical mount, black w/2.5 meter cable	\$327.63
	301-002	2nm 112.5° Port sidelight, vertical mount w/2.5 meter cable	\$327.63
	301-002-B	2nm 112.5° Port sidelight, vertical mount, black w/2.5 meter cable	\$327.63
	301-006	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-006 6M	2nm 135° Stern light w/6 meter cable black	\$467.16
	301-006-B	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-006-B 6M	2nm 135° Stern light w/6 meter cable black	\$467.16
	301-008	2nm 112.5° Starboard sidelight, horizontal mount	\$345.52
	301-008-B	2nm 112.5° Starboard sidelight, horizontal mount black	\$345.52
	301-009	2nm 112.5° Port sidelight, horizontal mount	\$345.52
	301-009-B	2nm 112.5° Port sidelight, horizontal mount black	\$345.52
	301-005	2nm 135° Stern light w/2.5 meter cable	\$425.03
	301-005-B	2nm 135° Stern light, black w/2.5 meter cable	\$425.03
	300-037	225° Masthead, cable back w/0.7 meter cable	\$1,621.00
	300-036	225° Masthead, CD/CS alu base	\$1,621.00
	300-036-B	225° Masthead, CD/CS alu base, black	\$1,621.00
<b>Vessels under 50 meters - Double Lights</b>			
	201-013ST	2nm 135° Towing light, double w/2.5 meter cable	\$1,021.72
	201-013ST-B	2nm 135° Towing light, double w/2.5 meter cable black	\$1,021.72
	200-012ST	360° White - Anchor, double w/0.7 meter cable	\$1,021.72
	200-012ST-B	360° White - Anchor, double w/0.7 meter cable black	\$1,021.72
	200-014ST	360° Red, double w/0.7 meter cable	\$1,021.72
	301-005ST	2nm 135° Stern light, double w/2.5 meter cable	\$783.32
	301-005ST-B	2nm 135° Stern light, double w/2.5 meter cable black	\$783.32
	301-001ST	112.5° Starboard, double w/2.5 meter cable	\$681.14
	301-002ST	112.5° Port, double w/2.5 meter cable	\$681.14
	301-002ST-B	112.5° Port, double w/2.5 meter cable black	\$681.14

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# Lighting













## NAVIGATION LIGHTS

### Lopolights (Continued)

Product Image	Item Number	Product	Price
	301-008ST	112.5° Starboard, double w/2.5 meter cable	\$681.14
	301-008ST-B	112.5° Starboard, double w/2.5 meter cable black	\$681.14
	301-009ST	112.5° Port, double w/2.5 meter cable	\$681.14
	301-009ST-B	2nm 112.5° Port, double w/2.5 meter cable black	\$681.14
	300-039CD	225° Masthead, double light, cable down w/0.7 meter cable	\$2,652.54
	300-038	225° Masthead, double light, CD/CS aluminum base	\$2,652.54
	300-038-B	225° Masthead, double light, CD/CS aluminum base black	\$2,652.54
<b>Vessels over 50 meters</b>			
	301-101	3nm 112.5° Starboard w/2.5 meter cable	\$936.58
	301-101-B	3nm 112.5° Starboard w/2.5 meter cable black	\$936.58
	301-102	3nm 112.5° Port w/2.5 meter cable	\$936.58
	301-102-B	3nm 112.5° Port w/2.5 meter cable black	\$936.58
	301-105	3nm 135° Stern light CD/CS alu base	\$1,249.90
	301-106	3nm 135° Stern light w/2.5 meter cable	\$1,123.89
	301-109	3nm 112.5° Port sidelight, CD/CS aluminum base	\$1,123.89
	300-112	3nm 360° White, CD/CS aluminum base	\$1,123.89
	300-114	3nm 360° Red, CD/CS aluminum base	\$1,123.89

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### Lopolights (Continued)

Product Image	Item Number	Product	Price
<b>Vessels over 50 meters - Double Lights</b>			
	301-101ST-B	3nm 112.5° Starboard sidelight, double w/2.5 meter cables black	\$1,788.01
	301-102ST-B	3nm 112.5° Port sidelight, black w/2.5 meter cables	\$1,788.01
	301-105ST	3nm 135° Stern light double, CD/CS aluminum base	\$2,043.44
	301-105ST-B	3nm 135° Stern light, double, black, CD/CS aluminum base	\$2,043.44
	301-106ST-B	3nm 135° Stern light double, black w/2.5 meter cables	\$1,473.31
	301-108ST	3nm 112.5° Starboard sidelight, double, CD/CS aluminum base	\$2,043.44
	301-109ST	3nm 112.5° Port sidelight, double, CD/CS aluminum base	\$2,043.44
	301-113ST	3nm 135° Yellow Towing light, double, CD/CS aluminum base	\$2,043.44
	301-113ST-B	3nm 135° Yellow Towing light, double, CD/CS aluminum base black	\$2,043.44
	300-114ST	3nm 360° Red, double, CD/CS aluminum base	\$2,043.44
	300-138	225° Masthead, double light, CD/CS aluminum base	\$3,094.63
	300-138-B	225° Masthead, double light, CD/CS aluminum base black	\$3,094.63



# Lighting

## NAVIGATION LIGHTS & MONITORING

Item Number	Product	Price
<b>Special Lights</b>		
200-022S	360° Blue constant & w/strobe (Single flash, 80cd intensity) w/0.7 meter cable	\$766.29
<b>Deck/Interior Lights</b>		
400-122	Deck/interior White & Red, 30°, 170lm, surface mount, dimmable	\$315.03
<b>Spreader/Deck Lights</b>		
400-124	3W Spreader/deck light 30°, surface mount, dimmable	\$315.03
400-300	Marine grade shielded cable 2 x 0.5mm2 (per meter)	\$6.81
<b>Accessories</b>		
400-036	Ultra low K-lock mounting ring	\$76.63
400-036-B	Ultra low K-lock mounting ring, black	\$76.63
400-034	Pro-mount 2 side cable / 2 bottom cable K-lock	\$194.13
400-034-B	Pro-mount 2 side cable / 2 bottom cable K-lock, black	\$194.13
400-401	Circular Baseplate for horizontal mount lights aluminium	\$120.90
400-404	Circular Baseplate for horizontal mount lights PE	\$51.09
<b>Aqua Signal Retrofit Accessories</b>		
400-402	AQS 55 Square Base-plate for horizontal mount lights	\$163.48
400-403	AQS 70 Square Base-plate for horizontal mount lights	\$200.94

## Lopolight Monitoring Relay

- For all superyachts and commercial vessels it is required to have a system for monitoring the navigation lights.
- The LMR is able to monitor lopolight Navigation lights very accurately and will detect whether the lights is operational, has a partial fault or complete fault.
- The LMR will learn the profile of the navigation light shall monitor and will follow it through its life, also showing when the light is getting old.
- The LMR offers both manual panel connections which has priority and a communication channel for control from an integrated bridge system via RS485.



400-018

Item Number	Product	Price
400-018	Monitoring Relay (formerly known as NLC) Lloyds approved	\$342.79

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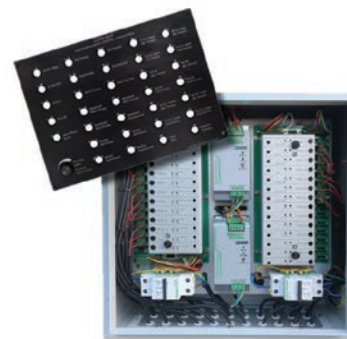
### Full Size NLC Systems

- Scalable from 3 to 28 Nav lights
- User customized switch panel IP67 protection
- Integration to integrated bridge systems
- Automatic switch over to emergency light or power
- Plug and play integration with all Lopolight Nav lights
- Compact form factor
- Conforms to IMO MSC253 and type approved to IEC60945
- Available with single or dual power supplies, in 24VDC, 115VAC, 230VAC versions



Item Number	Description	Price
500-100-21-2AC+AC/NLC	Lopolight NLC 21 lights, 2 power supplies AC+AC, no panel, 21 channel	Call for Pricing
500-100-21-2AC+DC/NLC	Lopolight NLC 21 lights, 2 power supplies AC+DC, no panel, 21 channel	Call for Pricing
500-100-21-2DC+DC/NLC	Lopolight NLC 21 lights, 2 power supplies DC+DC, no panel, 21 channel	Call for Pricing
<b>NLC System Accessories</b>		
500-125	RS-232 to RS-422 converter for VDR	\$2,085.01

- Scalable from 3 to 28 Nav lights
- User customized switch panel IP67 protection
- Integration to integrated bridge systems
- Automatic switch over to emergency light or power
- Plug and play integration with all Lopolight Nav lights
- Compact form factor
- Conforms to IMO MSC253 and type approved to IEC60945
- Available with single or dual power supplies, in 24VDC, 115VAC, 230VAC versions



# Lighting

BÖNING NAVIGATION LIGHT CONTROL & MONITOR

## Navigation Lights Panels

The modular-designed AHD-DPS02 controls and monitors navigation and signal lights on vessels.

### Features:

- Modular design (from 14 to 42 lights)
- Control panel with custom layout
- Maintenance-free: no need to replace fuses after a short circuit
- Record operating hours and the number of switching cycles
- Collective alarm and ModBus interface to integrate with third-party alarm systems
- Compatible with AC or DC lights, bulbs or LEDs.



### Certifications:



Lloyd's Register



System	Current Range	Voltage Range	Frequency Range
<b>Compatibility Table</b>			
230 VAC	20mA...300mA (ca. 5W-65W at 230VAC)	140-240V	47-65Hz
115 VAC	20mA...600mA (ca. 3W-65W at 115VAC)	80-130V	47-65Hz
24 VDC Bulb	200mA-2500mA (ca. 5W-65W at 24VDC)	18-32V	—
24 VDC LED	15mA-800mA (ca. 0.5W-20W at 24VDC)	18-32V	—

Item Number	Description	Price
<b>Navigation Lights Panel</b>		
AHD-DPS02 - 14L	For 14 lights	\$4,051.00
AHD-DPS02 - 21L	For 21 lights	\$5,194.00
AHD-DPS02 - 28L	For 28 lights	\$6,337.00
AHD-DPS02 - 35L	For 35 lights	\$7,480.00
AHD-DPS02 - 42L	For 42 lights	\$8,623.00
AHd-DPS02 GC	Communication Module with ModBus RTU interface	\$926.00

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# Engine Room and Utility Lights

- Protection: IP65
- LED Type: Cool White
- Surface mount (hardware Included)

41389



Item Number	Volts	Watts	Dimensions in"(mm)	Lumen	Price
41389	12	18	13(330.20)x2.75(69.85)x1(25.40)	1154	\$125.00

- Protection: IP67
- LED Type: Cool White
- Flush or Surface Mount

41593P



Item Number	Volts	Hertz	Watts	Dimensions in"(mm)	Lumen	Price
41593P	12/24 VDC, 110/220 VAC	50-60Hz	30	16.63(422.40)x6(152.40)x1.63(41.40)	3400	\$339.00

- Protection: IP67
- LED Type: Cool White
- Surface Mount (wire can exit from bottom or end of fixture)

41590P



Item Number	Volts	Watts	Dimensions in"(mm)	Lumen	Price
41590P	12/24	10	6.38(162.05)x3.75(95.25)x.63(16.00)	727	\$65.00

- Protection: IP67
- LED Type: Cool White
- Surface mount, 2 SS Screws included

41466P



Item Number	Volts	Watts	Dimensions in"(mm)	Lumen	Price
41466P	12/24	11.6	11.19(284.23)x2.16(54.86)x.50(1270)	550	\$63.14

- Protection: IP67
- LED Type: White
- Surface mount, 2 SS Screws included

TL50261100



Item Number	Volts	Watts	Dimensions in"(mm)	Lumen	Price
TL50261100	120/277	140	11.19(284.23)x2.16(54.86)x.50(1270)	2200	\$410.00

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# Lighting

## ENGINE ROOM LIGHTS / UTILITY

### AC

- Housing constructed of self extinguishing SMC fiberglass compound
- Rated to accept existing industry standard enclosed strip fixture
- IP 65 Rated
- Suitable for wet and damp locations

- Gasketed enclosure, dust and moisture resistant
- High impact acrylic/ DR crepe pattern diffuser
- Brass fixture mounting stud



VT FIXTURE

Item Number	Watts	Length in Ft.	Price
<b>VT Series</b>			
<b>120 / 240 Volt, 50/60 Hz.</b>			
VT217-UNIV	2 x 17	2	\$141.63
VT232-UNIV	2 x 32	4	\$145.75

<b>Stainless Steel Enclosed</b>			
0801003019	20	2	\$510.95

Item Number	Description	Price
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<b>Replacement Parts</b>		
VT-LATCHES	Fixture latch	\$1.50
VT217LENS	Lens for VT217-UNIV	\$35.00
VT232LENS	Lens for VT232-UNIV	\$45.50
VTN217-LENS	2' Vaportight 6-3/8"	\$59.90
VTN232-LENS	4' Vaportight 6-3/8"	\$55.50
VT-PLUG	VT Fixture Plug	\$.78
RPVTBRKTRGD	90°Bracket	\$14.30

### Utility

#### 458

- Corrosion resistant light fixture
- High impact polycarbonate guard
- Lighting magnifying Fresnel glass lens and plastic lens guard, is O ring sealed
- Use in 12VDC, 32VDC, and 110V AC
- Accepts standard lamps up to 25W (not included)
- Not vapor proof
- Dimensions in" 4.5H X 5W X 7L

#### NVX15GHGA

- Non metallic and vaportight
- Includes fixture, mounting box, guard, and heat resistant glass globe
- Accepts up to 150W Type A lamp (not included)
- UL1571 and UL595 approved



458



NVX15GHGA



NVBA

Item Number	Cap Color	Price
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<b>Multi Light</b>		
<b>Switch not included</b>		
458	White	\$67.99

<b>Fixture Only</b>		
NVX15GHGA	Grey	\$160.29

Item Number	Description	Price
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<b>Accessories</b>		
NVBA	90° adapter for NVX15GHGA	\$45.80

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# LED Rope Lighting



ROPE LIGHT

Item Number	Sold per:	Diameter	Volts	Price
<b>CW= Cool White WW= Warm White</b>				
RL-LED-CW-120V	Foot	3/8"	120	\$7.80
RL-LED-CW-24V	Foot	3/8"	24	\$7.80
RL-LED-WW-120V	Foot	3/8"	120	\$7.80
RL-LED-WW-24V	Foot	3/8"	24	\$7.80
RL-LED-CW-120V-150	150'	3/8"	120	\$1,170.00
RL-LED-CW-24V-150	150'	3/8"	24	\$1,170.00
RL-LED-WW-120V-150	150'	3/8"	120	\$1,170.00
RL-LED-WW-24V-150	150'	3/8"	24	\$1,170.00

# LED Rope Lighting Accessories



POWER CORD



WHITE SPLICE



CLIP



SAFETY CAP

Item Number	Description	Size in "	Price
<b>* Sold in 3 Ft. Lengths</b>			
<b>Channel</b>			
*CH-1		3/8"	\$7.67
<b>Clips</b>			
ML-5		3/8"	\$0.45
<b>Safety Cap</b>			
ML-6		3/8"	\$0.60
Item Number	Description	Size in "	Price
<b>Connector</b>			
RL-LED-LVCK	DC Connection Kit	3/8"	\$9.90
RL-LED-120VCK	120V Connection Kit	3/8"	\$10.90
ML-3	White Splice	3/8"	\$10.35

Images are representative of products listed and may not be actual product.

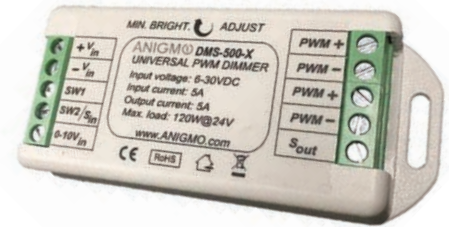
# Lighting

## DIMMERS

### LED Dimmers

DMS series universal PWM dimmers are designed for smooth, flicker-free dimming of all constant voltage LED modules, including MR16 bulbs as well as 12V/24V Incandescent/Halogen bulbs.

- Control: 0-10 V controls, Pot 100k Ohm, Dry Contact
- Dimming Mode: PWM
- Dimming Range: 0-100%
- No-Load proof: Yes
- Housing Dimensions: 3"x 1.5"x 0.75"



DMS-500-X

Item Number	Input Voltage	Output current max.	Price
DMS-500-X	6- 30VDC	5A	\$76.70
DMS-850-X	6- 30VDC	8.5A	\$89.70
DMS-1200-X	6- 30VDC	12A	\$128.70

Designed for dimming DC (filament lamp) lighting circuits, and compatible with some LED products that lack specific built-in dimmer interface electronics. These marine lighting dimmers are controlled by any "normally-open" single pole single throw momentary switches (any brand).

- Soft-start function: Prolongs Bulb Filament Life
- Memory function that records last light-level setting so same brightness is resumed when turned on again
- Master/slave function that allows either dimmer to act as the master or the remote allowing unlimited power potential
- Warranty 2 Years
- Housing Dimensions: 4.73" x 3.15" x 1.58"



SLD2040DC

Item Number	Input Voltage	Output current max.	Price
SLD2040DC	9-33VDC	16.5A	\$165.00

- Digital PWM output compatible with all Imtra PowerLEDs (including Captiva)
- Analog input: 0-10V Sink, 0-10V Sink/Source, 4-20mA, and 10KΩ-100KΩ Potentiometer
- Works with Single or Double Throw Momentary Switches
- Dipswitches for customized functions
- Dimmer Compatibility: 4/5-wire Imtra PowerLEDs (& Captiva)
- Housing Dimensions: 0.80" x 2.66" x 2.08"



ILIM80120

Item Number	Input Voltage	Capacity	Price
ILIM80120	10-40VDC	30 PowerLED Units	\$165.39

List pricing in catalog is subject to change without notice.

### Quick

- Digital PWM output compatible with all Imtra PowerLEDs (including Captiva)
- Analog input: 0-10V Sink, 0-10V Sink/Source, 4-20mA, and 10KΩ-100KΩ Potentiometer
- Works with Single or Double Throw Momentary Switches
- Dipswitches for customized functions
- Dimmer Compatibility: 4/5-wire Imtra PowerLEDs (& Captiva)
- Housing Dimensions: 0.80" x 2.66" x 2.08"



LDIM BUS 2CH



HDIM 300 PLUS

Item Number	Power consumption	Power Supply	Control Type	Price
<b>*Dimmer compatible with all the Quick Marine Lighting spotlights and LED strips.</b>				
LDIM BUS 2CH	50 W @ 12 V - 100 W @ 24 V each channel	10-30VDC	Push Buttons switches	\$650.00
<b>*Dimmer compatible with all the Quick Marine Lighting LED and Halogen devices.</b>				
HDIM 300 Plus	150 W @ 12 V - 300 W @ 24 V each channel	10-30VDC	Push Buttons switches. Unlimited number	\$325.00

### Blue Sea Systems

Digitally controls dimming of non-regulated LED, incandescent, and halogen lights

- Illuminated exit with adjustable time delay
- Memory for last setting
- Provides continuous voltage control from 0 to 100% of input voltage
- Offset mounting tabs allow dimmers to be mounted close together
- Retail package includes momentary (ON)-OFF-(ON) switch (grey)



7504



8216

Item Number	Max Output Amps	Operating Range	Price	
<b>DeckHand</b>				
7504	6A	18V-32V	\$96.99	
7506	6A	9V-16V	\$85.99	
7507	12A	9V-16V	\$96.99	
7508	25A	9V-16V	\$107.99	
7509	12A	18V-32V	\$107.99	
Item Number	Pole/Throw	Action	Color	Price
<b>Switch</b>				
<b>*Denotes momentary action</b>				
8216	SPDT	(ON)-OFF-(ON)	Gray	\$15.19
8291	SPDT	(ON)-OFF-(ON)	Black	\$15.17

Images are representative of products listed and may not be actual product.



# Lighting

## PILOT LIGHTS

# Pilot Lights

- Complete assembly
- Degree of protection: IP65
- Certifications: CE, UL, CSA, CCC



XB6AV3BB



PILOT LIGHT

Item Number	Mounting Diameter in"(mm)	Lens Color	Price
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### Complete Devices

#### 12/24 Volt LED

XB6AV3BB	0.63(16)	Green	\$24.48
XB6AV4BB	0.63(16)	Red	\$24.47
XB6AV5BB	0.63(16)	Yellow	\$24.47
XB6AV6BB	0.63(16)	Blue	\$24.47

### Complete Devices

#### 120 Volt LED

XB6AV3GB	0.63(16)	Green	\$24.47
XB6AV4GB	0.63(16)	Red	\$24.47
XB6AV5GB	0.63(16)	Yellow	\$24.47
XB6AV6GB	0.63(16)	Blue	\$24.47

- Degree of protection: IP65
- Certifications: CE, UL, CSA, CCC

To build your light:

- 1) Choose pilot light head.
- 2) Choose light module.
- 3) Add a mounting collar for each LED assembly.



ZB5AV04



ZB5AZ009



ZBVJ3

Item Number	Mounting Diameter in"(mm)	Color	Light Type	Price
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#### Heads to Pilot light Plastic Bezel (22mm)

ZB5AV033	0.86(22)	Green	Protected LED ONLY	\$8.09
ZB5AV043	0.86(22)	Red	Protected LED ONLY	\$8.09
ZB5AV063	0.86(22)	Blue	Protected LED ONLY	\$8.09
ZB5AV013	0.86(22)	White	Protected LED ONLY	\$8.09
ZB5AV053	0.86(22)	Orange	Protected LED ONLY	\$8.09

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### Pilot Lights (Continued)

Item Number	Supply Voltage	Color	Price
<b>Light Modules</b>			
ZBVJ3	12 VAC/VDC	Green	\$55.38
ZBVJ4	12 VAC/VDC	Red	\$55.38
ZBVJ1	24 VAC/VDC	White	\$55.38
ZBVBG3	24-120 VAC/VDC	Green	\$55.38
ZBVBG4	24-120 VAC/VDC	Red	\$55.38
ZBVBG5	24-120 VAC/VDC	Yellow	\$55.38
ZBVBG6	24-120 VAC/VDC	Blue	\$55.38
ZBVM1	230-240 VAC/VDC	White	\$55.38
ZBVM3	230-240 VAC/VDC	Green	\$55.38
ZBVM4	230-240 VAC/VDC	Red	\$55.38
ZBVM5	230-240 VAC/VDC	Yellow	\$55.38
ZBVM6	230-240 VAC/VDC	Blue	\$55.38
Item Number	Description	Price	
ZB5AZ009	Body/Mounting Collar	\$5.75	

## LED

- Body material: nylon
- 24AWG, 1/2" strip wire leads



LED INDICATOR

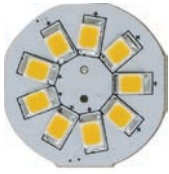
Item Number	Volts	Lens	Price
<b>1/4 Inch, mounting hole</b>			
LED-14-14-A	14	Amber	\$7.92
LED-14-14-G	14	Green	\$4.69
LED-14-14-R	14	Red	\$4.69
LED-14-28-A	28	Amber	\$4.59
LED-14-28-G	28	Green	\$4.88
LED-14-28-R	28	Red	\$4.88
LED-14-125-A	125	Amber	\$4.68
LED-14-125-G	125	Green	\$3.88
LED-14-125-R	125	Red	\$3.88
LED-14-230-A	230	Amber	\$10.77
LED-14-230-G	230	Green	\$5.05
LED-14-230-R	230	Red	\$5.00

Item Number	Volts	Lens	Price
<b>3/16 inch mounting hole</b>			
LED-316-12-G	12	Green	\$3.57
LED-316-12-R	12	Red	\$4.18
LED-316-28-A	28	Amber	\$5.20
LED-316-28-G	28	Green	\$5.26
LED-316-28-R	28	Red	\$5.20
LED-316-120-G	120	Green	\$4.84
LED-316-120-R	120	Red	\$4.84
LED-316-230-G	230	Green	\$4.84
LED-316-230-R	230	Red	\$4.84
LED-316-230-A	230	Amber	\$4.84

# Lighting

## BULBS

### LED



G4 WAFER BACK-PIN



MR-16



G4 HALOGEN LOOK- ALIKE



PARALLEL PINS



MINI-TOWER

Item Number	Volts	Bases	Watts	Lumens	Color	Replaces	Price
41000P	12/24	G4 Wafer Back-Pin	1.5	120	Warm White	10W Halogen	\$10.00
41010P	12/24	G4 Wafer Back-Pin	2	170	Warm White	20W Halogen	\$11.50
41020P	12/24	G4 Wafer Side-Pin	1.5	120	Warm White	10W Halogen	\$10.00
41030P	12/24	G4 Wafer Side-Pin	2	170	Warm White	20W Halogen	\$11.50
41031P	12/24	G4 Wafer Side-Pin	2	190	Cool White	20W Halogen	\$11.50
41040P	12/24	G4 Wafer Side-Pin	3	270	Warm White	20W Halogen	\$13.50
41008P	12/24	MR16	5	290	Warm White	20W Halogen	\$15.50
41009P	12/24	MR16	5	320	Cool White	20W Halogen	\$15.50
41072P	12/24	G4 Halogen Look-Alike	1.5	180	Warm White	20W Halogen	\$16.50
41073P	12/24	G4 Halogen Look-Alike	1.5	180	Cool White	20W Halogen	\$18.50
41075P	12/24	Parallel Pins - Single Contact	1.5	100	Warm White	53/57	\$15.50
41114P	12/24	GU10 LED	5	290	Warm White	20W Halogen	\$20.50
41115P	12/24	GU10 LED	5	290	Warm White	20W Halogen	\$20.50
41090P	12/24	Bayonet Base Mini-Tower	1.9	170	Warm White	68/90	\$14.00

### Adapter

- Swivels up to 120°
- 5/8" x 1-1/8"



41120

Item Number	Description	Price
41120P	BA15d to G4	\$5.00

List pricing in catalog is subject to change without notice.

## LED

41080P



41082P



LED

Item Number	Volts	Bases	Watts	Lumens	Color	Replaces	Price
41080P	12/24	Parrallel Pins- Dual Contacts	3	220	Warm White	1142/1176	\$16.00
41081P	12/24	Parrallel Pins- Dual Contacts	3	220	Cool White	1142/1176	\$16.00
41082P	12/24	Offset Pins- Dual Contacts	3	190	Warm White	1157	\$16.00
41083p	12/24	Offset Pins- Dual Contacts	3	190	Cool White	1157	\$16.00

## Incandescent Navigation Lamps



BAY 15 D

Item Number	Volts	Bases	Watts	Price
78291	24	Bay15D (offset pins)	10	\$15.56
78293	24	Bay15D (offset pins)	25	\$18.94

## Screw E-27



MEDIUM SCREW BASE

Item Number	Volts	Watts	Candle Power	Price
<b>25 Watts</b>				
<b>1000 Life, Medium screw base 4.2"H x 2.2"W, two per package</b>				
25A17/24	24		1.04	\$8.54
<b>50 Watts</b>				
<b>1000 Life, Medium screw base 4.2"H x 2.2"W, two per package</b>				
50A17/24	24		2.08	\$8.90

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# Lighting

## BULBS

### LED



Item Number	Volts	Watts	Lumens	Color	Replaces	Price
41036P	12/24	3	270	Warm White	A15 Bulb	\$13.50
41037P	12/24	5.5	450	Warm White	A19 Bulb	\$18.00

### LED Tubes

LED TUBE



Item Number	Watts	Length in "	Type	Color	Price
<b>Cool White</b>					
LED8T8/4K	8	24	T8 Medium	Natural White	\$40.50
LED17T8	18	48	T8 Medium	Natural White	\$40.50

### Fluorescent Tubes

FLUORESCENT TUBE



Item Number	Watts	Length in "	Type	Color	Price
<b>Cool White</b>					
F17T8TL741	17	24	T8 Medium	Natural White	\$7.00
F32T8TL741	32	48	T8 Medium	Natural White	\$6.50

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