SLP LIGHTING

Specification Sheet
Nautilus™

Type _____

Project _____

Date _____

Nautilus™ Vapor Tight Linear LED Fixture



PC / PET Injection Molded Housing

Description

The Nautilus™ represents the perfect fusion of intelligent design and precision engineering in linear LED lighting. Built for demanding industrial and commercial environments with refined aesthetic design, this versatile fixture delivers superior performance where form and function cannot be compromised. Featuring advanced blended polycarbonates and a streamlined profile, the Nautilus combines robust durability with elegant design to meet the evolving needs of washdown applications. Available in 4 ft lengths and extendable with Nautilink to an 8 ft length. This fixture is built to endure while providing consistent, high-quality illumination.

Part Number Breakdown Example

BASE								OPTIONS				
NTL	4SFA	5L40	90	H	DTO	SS	S	MB	2T50	E10	C10	OS

Family	Length	Lens Options	Lumens	CCT	CRI	Voltage	Dimming	Latches	Gasket Material	Mounting	Hub Location	Emergency	Cord	Control
NTL: Nautilus	4: 4 ft	SCA: Smooth Clear Acrylic SFA: Smooth Frosted Acrylic SCP: Smooth Clear PC SFP: Smooth Frosted PC	4L: 4,000 lm 5L: 5,000 lm 7L: 7,000 lm 8L: 8,000 lm 10L: 10,000 lm	40K: 4000K 50K: 5000K 3CCT: 3/4/5K	Blank: 80 CRI 90: 90 CRI	Blank: Universal (120–277 VAC) H: High (347–480 VAC)	Blank: 0-10V DTO: Dim to OFF	SS: Stainless Steel	Blank: Polyurethane S: Silicone	MB: SS Brackets	2T50: 2 Top ½" E50: 1 End ½" 2E50: 2 Ends ½"	E10: 10 W Emergency	C10: 10 ft Cord C10P: 10 ft Cord with Plug	OS: PIR Occupancy Sensor

Features and Benefits

- Lightweight yet durable injection molded polycarbonate / PET blend construction
- Chemshield PCX is a blend of PC/PET - resists chemicals - perfect for washdown or corrosive environments
- Interconnect piece available: combine two 4ft fixtures into an 8ft fixture
- Low-profile design maximizes usable space while providing superior light distribution
- Pour-in-place polyeurethane or silicone gasket ensures long-term environmental seal integrity
- Suitable for ambient temperatures in coolers, freezers, and high-heat industrial settings
- Minimal maintenance requirements with long-life LED arrays

Certifications

- UL 1598 listed for safety and reliability
- IP65, IP66, and IP67rated
- NSF certified for food service and processing environments
- NEMA4X
- IK9 - Impact resistant body and lens
- Made in USA / BAA compliant options available

Applications

- Warehouses and distribution centers
- Food processing and packaging facilities
- Commercial and industrial kitchens
- Cold storage and freezer environments
- Manufacturing and industrial plants
- Parking garages and parking structures
- Gas stations and fuel facilities
- Car washes and automotive service bays
- Healthcare facilities and hospitals
- Paint booths and spray areas
- Laundromats and wash facilities
- Docks and marine facilities

Electrical

- Universal voltage: 120-277 VAC or High voltage: 347-480 VAC
- Power configurations: 50W, 85W
- Lumen output: Up to 12,000 lumens depending on wattage
- Multiple CCT options available (4000K, 5000K, 3CCT)
- Compatible with 0-10V dimming systems
- Long-life LED drivers rated for 50,000+ hours operation
- Suitable for emergency battery backup systems

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Contact customer support for all product options.
Note: Product specifications and details subject to change without notification.
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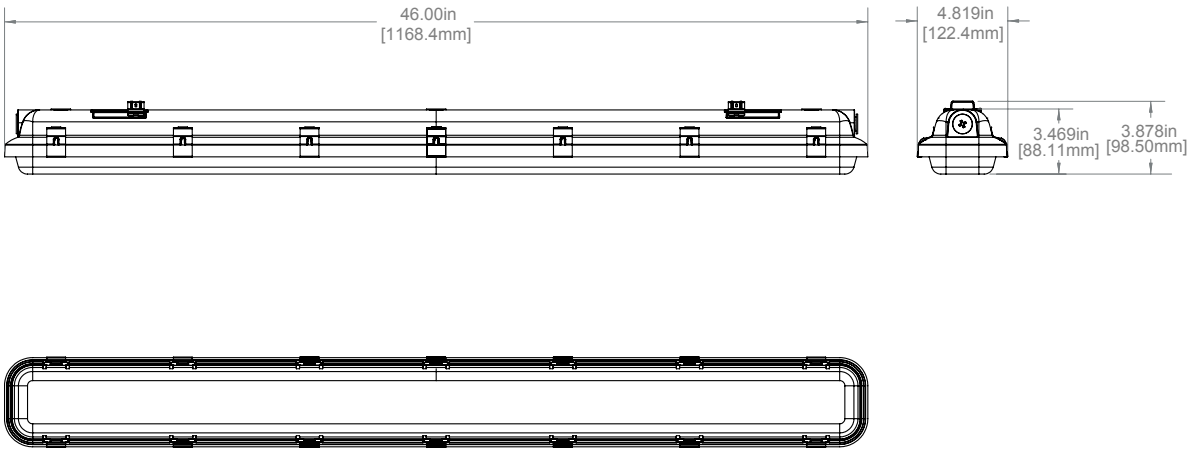
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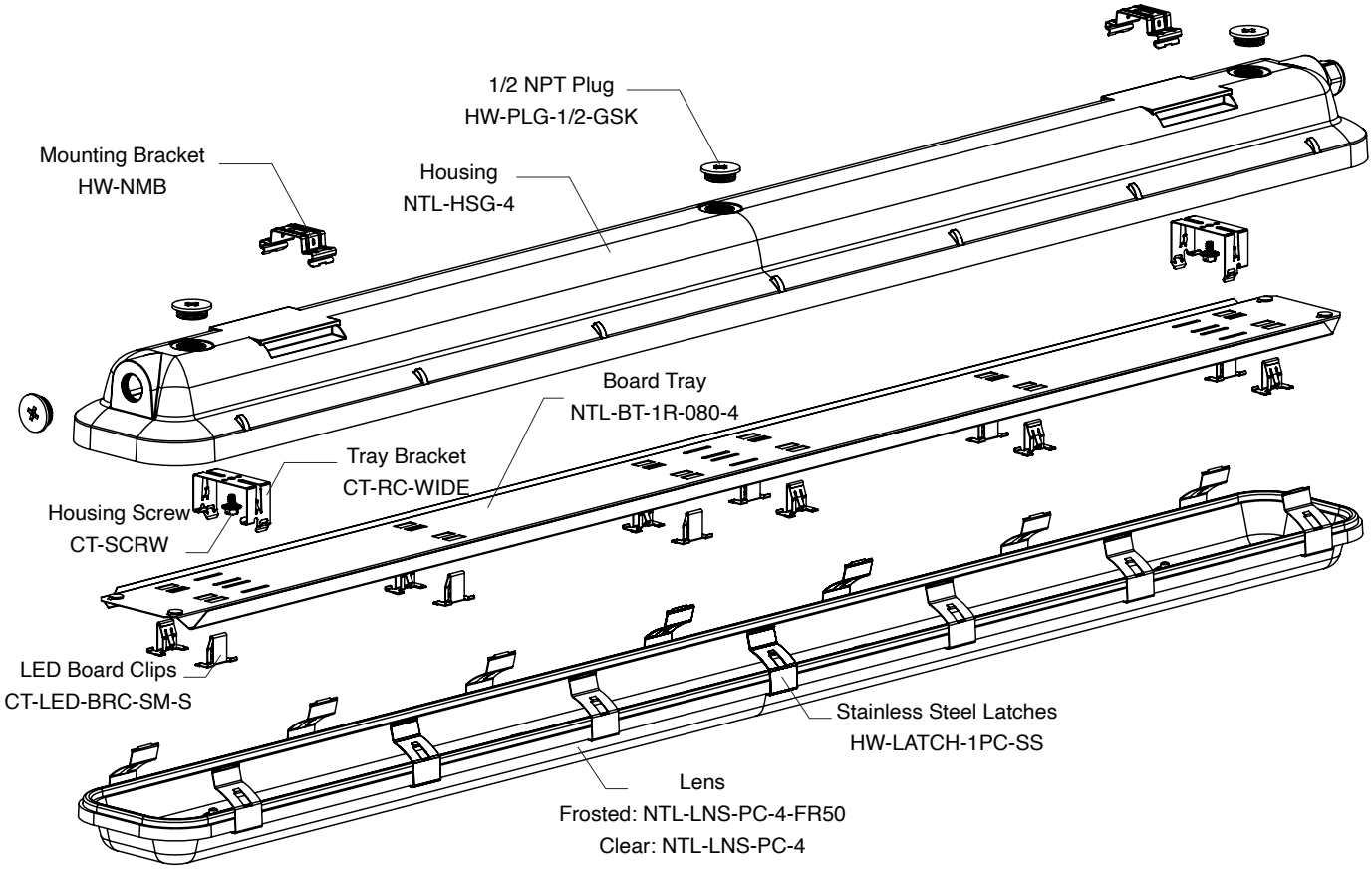
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Dimensional Diagram



Component Assembly View



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NautiLink™ Description

The NautiLink™ is a precision-engineered linking kit that combines two Nautilus 4ft vapor tight fixtures into a single, seamless 8ft luminaire. It preserves the Nautilus platform's full IP integrity, washdown performance, and chemical resistance across the joint, delivering production-grade precision in a modular build. The kit ships complete with the coupler, both plugs, and all required hardware, and field-assembles with standard hand tools. UL Listed as a Luminaire Fitting (HYXT), NautiLink™ inherits the Nautilus luminaire listing, eliminating the need for OEM relisting and streamlining integration into finished assemblies.



NautiLink™ Installation Steps (instruction video available)

WARNING: Before starting, shut off all power at the source and confirm it's off before touching the fixture or any wiring. Installation must be done by a licensed electrician and follow all national and local electrical codes. Failure to follow these instructions can result in serious injury, death, or property damage.

1. At one end of the Nautilus fixture, remove the two 1/2" NPT plugs (PLG-1/2-GSK).
2. Push the NautiLink™ onto the open end of the first Nautilus fixture.
3. Insert one HEYCO inter-piece plugs (HW-CHASE-1/2) into the inside holes of the NautiLink™ and secure with its nut.
4. Thread the HEYCO plug (HW-HEYCO-3546) onto the top of the NautiLink™ to lock it to the Nautilus.
5. Slide the second Nautilus fixture onto the opposite side of the NautiLink™ and secure the two fixtures together.
6. Thread the second HEYCO plug (HW-HEYCO-3546) onto the top of the now-combined 8 ft fixture.
7. Insert second HEYCO inter-piece plugs (HW-CHASE-1/2) into the inside holes of the NautiLink™ and secure with its nut.
8. Route all wiring through the NautiLink™.
9. Attach the cover plate and secure it with the four screws.
10. Mount the finished fixture.





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