



**COMPLETECARE FALL PREVENTION™ SOLUTIONS**







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# PROUD TO BE AMERICAN-MADE

New Star Lighting takes pride in being an American-made company, with our products designed, engineered, and manufactured in the USA. Our fixtures comply with the Buy American Act (BAA) and Build America, Buy America Act (BABAA) requirements, ensuring quality craftsmanship while supporting domestic industries. By adhering to these standards, we provide reliable, durable lighting solutions that meet the highest regulatory and performance expectations.







On-site manufacturing provides complete control over every step of the production process. From design and assembly to delivering durable and reliable luminaries tailored to specific needs.

By conducting testing on-site, we streamline the development process, allowing us to bring products to market faster while maintaining the highest levels of reliability and excellence.





# FALL PREVENTION™

We're following the science.

Fall prevention is one of the top issues in healthcare and can have a major economic impact to a facility. Statistics show that up to one million hospitalized patients fall each year, with over a third of those falls resulting in serious injuries<sup>1</sup> such as fractures, lacerations, or internal bleeding. This leads to increased healthcare utilization, which leads to added costs.

Many factors contribute to falls in nighttime settings. These include:

- Adapting from darkness to bright light or vice versa
- Too little light or too much light
- Unstable balance when going from a sit to stand position
- Unstable balance when trying to turn on a light to get from bed to bathroom
- Not being able to see obstacles on the floor in their path

Research shows that 20–30% of falls can be prevented by assessing risks and intervening to reduce these risks.<sup>2</sup> New Star Lighting is committed to reducing the incidence of falls with our CompleteCare Fall Prevention™ portfolio that includes amber nightlights designed to support the research around visual and circadian needs. Finally – a lighting strategy that supports fall prevention research for Assisted Living and other healthcare applications.

1. Centers for Disease Control and Prevention. Older Adult Falls Data. <https://www.cdc.gov/falls/dataresearch/index.html>

2. Morris R, O'Riordan S. Prevention of falls in hospital. Clin Med (Lond). 2017 Jul;17(4):360–362. doi: 10.7861/clinmedicine.17-4-360. PMID: 28765417; PMCID: PMC6297656.







# COMPLETECARE™ DOOR SURROUND SERIES

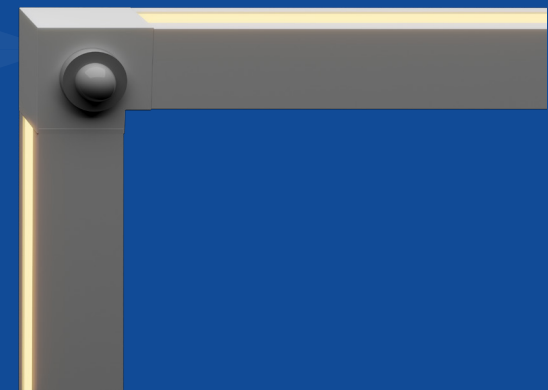
Research has shown that providing vertical and horizontal light cues to older adults, when rising from a sit-to-stand position, helps them perceptually. It allows them to control their balance more easily and stabilize their posture.<sup>1</sup> Based on lab and field studies, the CompleteCare Door Surround is designed to provide an architectural doorway solution that supports fall prevention for patients or older adults across a range of healthcare facilities.

Designed to outline a doorframe, this pencil-thin line of light blends seamlessly into the architecture of a hospital room or senior facility. The low luminance amber Door Surround is meant to act as a guiding light at night, in contrast to a dark room. It is visible enough to be seen, but not so bright as to prevent the person from falling back to sleep. Robust in construction, the Door Surround will stand up to wheelchairs, walkers and maintenance abuse over time.

- Surface mount linear extrusions in customizable lengths to outline one, two or three sides of a door
- Durable construction of extruded aluminum housing and polycarbonate lens
- Considers viewing angle from patient bed to bathroom door, providing a soft line of light without pixelation
- Amber LED; circadian supportive wavelengths at 585-595nm
- Low luminance (<600cd/m<sup>2</sup>), low glare and dimmable to prevent sleep disruption
- Remote driver
- Die cast 90° corner connector with integrated low voltage PIR motion sensor. Features a 10' sensing radius that switches on for 30 seconds or until no motion is detected.

## Patent Pending

1. Figueiro et al., Lighting Res. Technol. 2008; 40: 111-126



Motion sensor integrated into unlit die cast 90° corners connector.





For more information about  
Fall Prevention™ research



please scan the QR code.



# COMPLETECARE™ AMBER DOWNLIGHT SERIES

The CompleteCare™ Amber Downlight is available in a 4" and 6" round trim, designed with two circuit dimmable white and amber LEDs to help navigate bathrooms, corridors, kitchens, and other applications. The shallow recessed downlight offers a slim, IC-rated design with an integrated junction box, eliminating the need for a separate housing that makes it ideal for shallow plenums. The luminaire includes a field-adjustable color temperature selection (2700K-5000K). It provides just the right amount of light for safe navigation.

- 4" and 6" sealed recessed trimless and canless downlight
- Field-selectable white LED CCT: 2700K - 5000K
- Two circuit; dimmable white and dimmable amber
- Amber LED- circadian supportive wavelengths at 585-595nm
- 90 CRI standard
- Remote driver
- NSF2 Splash Zone / Non-Food Zone and IK10 Listed



Patent Pending





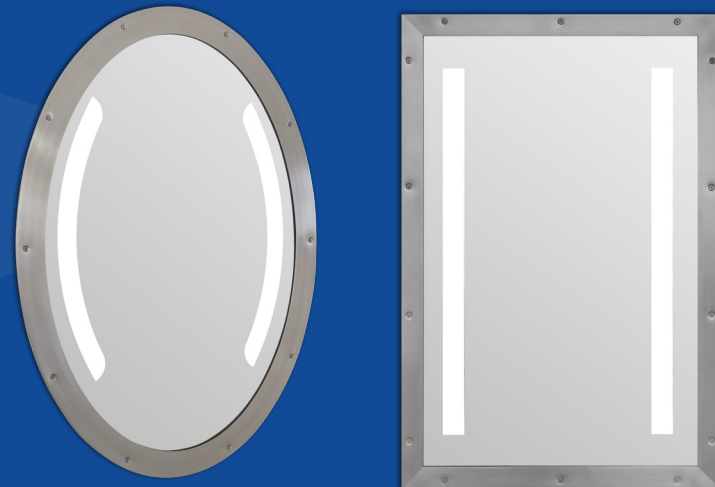


# COMPLETECARE™ VANITY MIRROR SERIES



The CompleteCare™ Vanity Mirrors are made of eco-friendly, copper-free mirror material, which is the most corrosion-resistant, scratch-free, durable material available. Copper-free mirrors are made to last. Constructed with a metal palladium layer, New Star's vanity mirrors contain less lead and copper, making them more sustainable and better for the environment.

- Low profile, surface mount Rectangle and Oval styles
- Durable copper-free polycarbonate mirror with scratch resistant finish
- White LEDs in 3000K, 3500K and 4000K (90 CRI), as well as red rendering (R9>50) for proper skin tone evaluation
- Amber nightlight standard (585-595nm)
- Optional fixed 5° tilt bracket available
- Sealed for infection control with an IP65 and NSF2 listing for cleanability
- Antimicrobial RAL frame finishes available
- DuraCare Behavioral Health version available; semi-recessed with Torx® fasteners
- New Star Promise Lifetime Warranty



**Patent Pending**



Available in surface mount Rectangle and Oval shapes, or semi-recessed behavioral health versions with Torx® fasteners (shown)



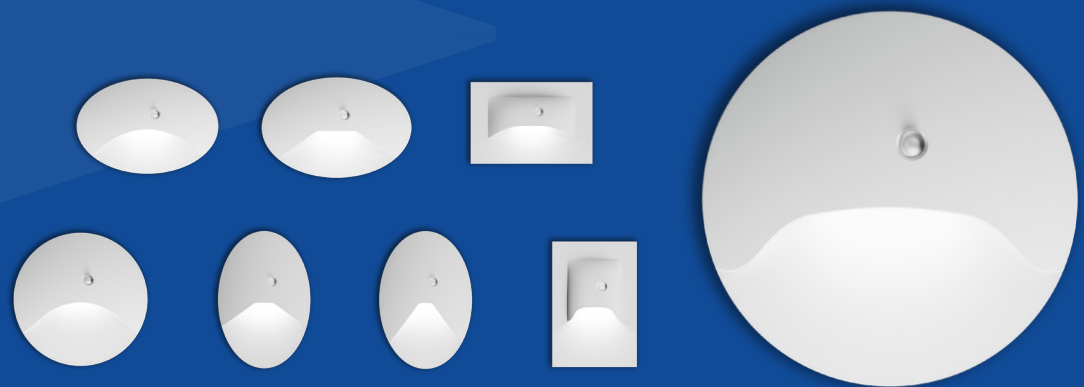


# COMPLETECARE™ STEPLIGHT SERIES



Updated modern steplights for patient rooms, corridors, lobbies, and more. These form factors complement today's architecture and provide low level illumination for safe navigation throughout the facility. Durable in design, they are available in multiple styles and optional white (2700-5000K), amber, red, or blue LED.

- 90° Cut-off obstructs light trespass
- Built for durability – diecast faceplate with polycarbonate lens
- Available in field-selectable White (2700K-5000K), Amber (585-595nm), Red, or Blue LED
- Selectable sensor with settings for Photo/Motion/Off
- Designed to install a standard j-box (by others)
- DuraCare™ Behavioral Health version available
- All models are available in a thru-wall version
- New Star Promise Lifetime Warranty



Patent Pending



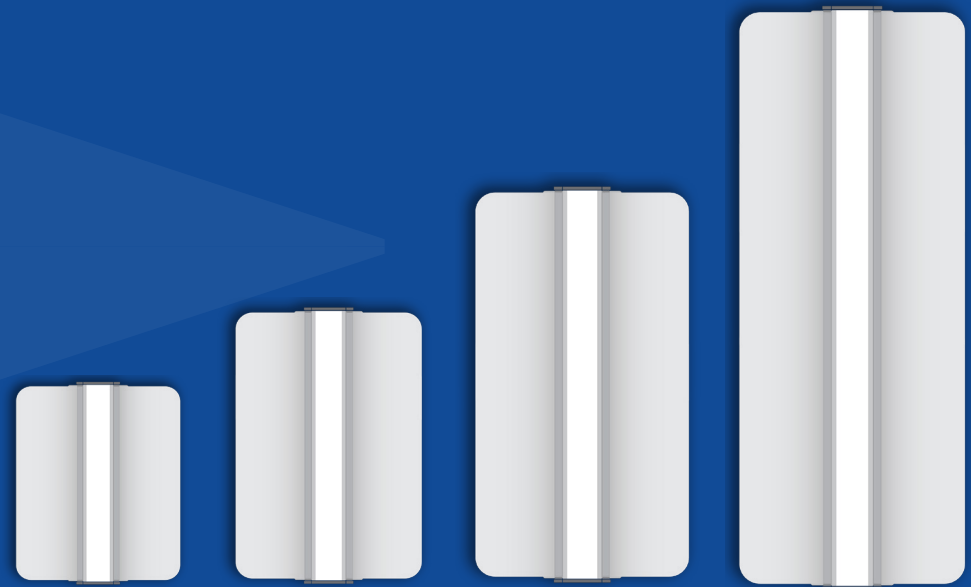




# COMPLETECARE™ MARIPOSA SERIES

Like the wings of a butterfly, the CompleteCare Mariposa features beautiful edge-lit illumination that glows against the wall surface and provides low-level lighting when daytime transitions to nighttime. It features a center extrusion to provide general ambient, and an amber or white nightlight option for Fall Prevention™.

- ADA-compliant rectilinear design in nominal 1'-4' lengths
- Soft accent lighting combined with general ambient and a nightlight option for Fall Prevention™
- White LED is CCT Selectable White LED: 2700K – 5000K
- Choice of Dimmable Amber (585-595nm) or White LED nightlight
- 0-10V Dimmable to 1%
- Capable of integrating PositiveCare Graphics
- Designed to complement new steplight options
- Sealed for infection control; IP64 certified per IEC60598



Patent Pending



Available 1' – 4' lengths. the Mariposa is scalable for any application





# COMPLETECARE™ FRAME SERIES



The Frame Series provides a more streamlined design aesthetic that matches the clean lines of today's architecture. Its IP64 listing makes it ideal for bathrooms, corridors, patient rooms, and even building facades. The Frame can also accommodate graphic images for positive distraction applications like waiting rooms, MRI suites, or lobbies.

- Tapered marine grade aluminum frame and polycarbonate lens
- Low profile - 1' height at 1.06" deep
- White or Amber Nightlight (585-595nm) option
- Can integrate PositiveCare images into sconces
- Ligature resistant - Included in DuraCare Behavioral Health portfolio
- New Star Promise Lifetime Warranty



Patent Pending





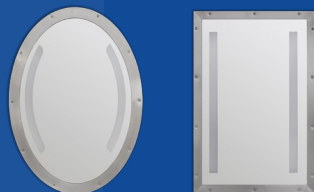


# COMPLETECARE FALL PREVENTION™



## COMPLETECARE™ DOOR SURROUND SERIES

- Surface mount installation; Field-customizable lengths of extrusion
- Activated by integrated sensor
- Dimmable Amber (585-595nm) at low luminance levels
- IK10 Listed - Designed to withstand impact by wheelchairs and other walking devices



## VANITY MIRROR SERIES

- Low profile, semi-recessed mirror in Oval or Rectangle
- Corrosion-resistant, copper-free, provides clear imaging, high reflectance and better durability
- Amber or White LED nightlight



## COMPLETECARE™ AMBER DOWNLIGHT SERIES

- 4" and 6" sealed recessed trimless and canless downlight
- Field-selectable white LED (2700K-5000K)
- Two circuit-dimmable white and dimmable amber
- dimmable White to Amber
- Remote driver



## COMPLETECARE™ MARIPOSA SERIES

- Rectilinear design in nominal 1'-4' lengths
- CCT Selectable (2700-5000K)
- Choice of Amber (585-595nm) or White LED nightlight
- 0-10V Dimmable to 1%
- IP64 certified
- Capable of integrating PositiveCare™ Graphics



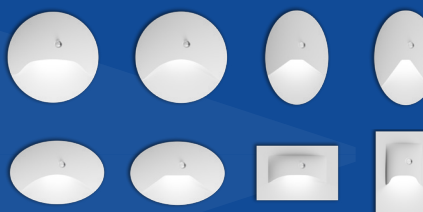
## HNL SERIES

- Four faceplate options: horizontal, vertical, louver, and open frame
- 3000K, 4000K, 5000K, and Amber LED options
- Optional photocell or occupancy sensor with select faceplates



## COMPLETECARE™ FRAME SERIES

- Tapered diecast aluminum housing frame, and heavy-weight, heavy-gauge steel baseplate
- 1' height at 1.06" deep
- Field selectable CCT: 2700K- 5000K
- Amber (585nm-595nm) or White LED nightlight options



## STEPLIGHT SERIES

- Offered in oval, rectangle, and round styles
- Each style offered in vertical and horizontal faceplates
- 2700-5000K, Amber, Red LED, and Blue LED options
- Selectable sensor with settings for Photo/Motion/Off







# SUSTAINABILITY

New Star Lighting is committed to sustainability practices to reduce our environmental impact and be good stewards of our earth. We support our Chicago neighborhood and are proud that the majority of our employees live within a two-mile radius and walk or bike to work. As a lean manufacturer, we are dedicated to:

Reducing waste in material use in production. This includes recycling steel and aluminum, reclaiming water and powder from our powder coat paint line, recycling all plastics, wire, paper, glass, and minimizing packing materials. New Star recycles all cardboard brought into the facility from outside vendors and reuse it internally. We offer a ship back program with corner boards with a return label on outbound shipments so customers can ship them back to us for use on future shipments.

In-house nitrogen production for our lazer equipment. We generate our own nitrogen gas using a dedicated "nitrogen producer" rather than relying on external deliveries of nitrogen gas, allowing us to produce the exact amount of nitrogen needed for our manufacturing equipment. This eliminates the need to purchase and transport nitrogen cylinders, reduces costs, and reduces our carbon footprint by eliminating transportation emissions.

Practicing Just in Time (JIT) manufacturing. New Star is a made-to-order manufacturer, building luminaires to designer's specifications. Reducing waste and keeping lower inventory levels contribute to more sustainable manufacturing practices.

Implementing closed-loop designs that can be easily recycled. We are committed to designing for easy disassembly at a luminaire's end-of-life.

**We'll even help recycle for you with our ReNEW STAR program!**





# ***RENEW* STAR**

With today's LED lamps, when a luminaire hits L70, or 30% lumen depreciation, it's considered past its operating prime and should be replaced. An LED reaches its L70 lifespan after 5-6 years (or 50,000 hours) if used 10+ hours a day, depending on usage.

Prior to LED technology, when a lamp burned out (whether fluorescent, incandescent, metal halide, etc.) you'd simply recycle the lamp. This has created a lot of landfill waste. While you can technically replace an LED board, many users find it easier to simply throw away the fixtures and replace them with new ones.

At New Star Lighting, we want to help.

If you have purchased an LED luminaire from us in the past and it has reached L70, you can return it to New Star for a rebate on a new luminaire. New Star will recycle the luminaire for you. We will even pay for shipping costs to return the old luminaire to us!

To begin the process, please reach out to your New Star Regional Sales Manager.

**Let's work together to Reduce, Reuse and Recycle.**

# LISTING ICONS



## **ADA COMPLIANT**

Meets the accessibility standards set by the Americans with Disabilities Act to ensure usability for individuals with disabilities.



## **BUY AMERICA ACT**

Compliant with the Buy America Act, ensuring materials and products meet domestic manufacturing and sourcing standards.



## **BUILD AMERICA, BUY AMERICA ACT**

Mandates the use of U.S.-produced materials and products in federally funded infrastructure projects to support domestic manufacturing.



## **MADE IN AMERICA**

Manufactured and assembled within the United States, supporting domestic craftsmanship and production.



## **IP64**

Provides protection against dust and splashing water – 2.64 gallons per minute project by multi-directional 0.25in nozzles for 10 minutes.



## **IP65**

Offers full protection against dust and can withstand 3.3 gallons of water projected by multi-directional 0.25in nozzles for 15 minutes.



## **IP66**

Offers full protection against dust and can withstand 26.4 gallons of water projected by multi-directional 0.50in nozzles for a minimum of 3 minutes.



## **IK10**

Indicates a high level of impact resistance, capable of withstanding shocks up to 20 joules.



## **CCEA**

The City of Chicago Environmental Air (CCEA) rating ensures that the luminaire is inherently airtight. Wiring and/ or branch circuit terminations are sealed off and gasketed from the plenum air space.



## **DURACARE**

Designed for behavioral health applications, prioritizing safety, durability, and patient well-being.



## **NSF2**

Certified by the National Sanitation Foundation for safe use in foodservice environments, ensuring compliance with hygiene and safety standards.





### **NON-IC**

Designed for use in ceilings where insulation is not in direct contact with the fixture, preventing heat buildup.



### **DAMP LOCATION**

Suitable for areas with occasional moisture or humidity, but not direct water exposure.



### **WET LOCATION**

Suitable for areas exposed to direct water contact, such as outdoor or damp environments.



### **ETL CERTIFIED**

Certified by Intertek Testing Laboratory, a global leader in testing, inspection, and certification for safety and quality standards.



### **UL LISTED**

Certified by UL to meet recognized standards for safety, performance, and reliability.



**RENEW STAR**

### **RENEW STAR**

Provides protection against dust and water splashes from any direction.



New Star Lighting understands the need for reliability in demanding environments. We build our luminaires to last and stand behind them by offering our New Star Promise. We will repair or replace any High Abuse, Behavioral Health, or Vandal Resistant architectural fixture when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse. In addition, all fixtures manufactured by New Star are warranted to be free from defects in workmanship and material for life, from the date of invoice. Exclusions to the warranty include damage from gunfire or chemical reactions.

**Look for the New Star Promise symbol on our cutsheets or website for more information.**



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