# Blue Light Glasses Product Display Testing Report

## Test Overview

**Website:** https://soxh3t5y8570.space.minimax.io  
**Test Date:** 2025-08-20  
**Objective:** Click on “View All Products” and verify that all 5 variants of blue light glasses are displayed correctly

## Test Execution Summary

### Navigation Process

1. **Initial Page Load:** Successfully navigated to the VisionGuard homepage
2. **Product Access:** Located the “View All Products” link in the products section of the page
3. **Link Functionality:** Successfully clicked the “View All Products” link which navigated to the products section (#products)

### Product Display Verification

#### ✅ **PASS: All 5 Blue Light Glasses Variants Confirmed**

The following 5 product variants were successfully identified and displayed:

1. **Classic Black Frame Blue Light Glasses**
   * Price: $39.99
   * Protection Level: 65% Blue Light Protection
   * Status: Fully visible with complete product details
2. **Oversized Clear Frame Blue Light Glasses**
   * Price: $39.99
   * Protection Level: 65% Blue Light Protection
   * Status: Fully visible with complete product details
3. **Round Vintage Frame Blue Light Glasses**
   * Price: $39.99
   * Protection Level: 65% Blue Light Protection
   * Status: Fully visible with complete product details
4. **Rectangular Professional Blue Light Glasses**
   * Price: $39.99
   * Protection Level: 65% Blue Light Protection
   * Status: Fully visible with complete product details
5. **Premium Metal Frame Blue Light Glasses**
   * Price: $39.99
   * Protection Level: 65% Blue Light Protection
   * Status: Fully visible with complete product details

### Product Page Layout Analysis

#### Page Structure

* **Header Navigation:** Clear navigation with VisionGuard branding and menu items (Home, Products, Benefits, Reviews, Contact)
* **Product Grid:** Well-organized product cards in a responsive grid layout
* **Product Cards:** Each card includes:
  + Product image
  + Product name and description
  + Price display ($39.99 consistent across all products)
  + Protection percentage (65% consistently displayed)
  + “Protect My Eyes Now” call-to-action button

#### Visual Quality

* **Image Quality:** All product images are clear and properly displayed
* **Typography:** Product names and descriptions are readable and well-formatted
* **Consistent Pricing:** All products maintain uniform $39.99 pricing
* **Consistent Protection Level:** All products display 65% blue light protection

### Technical Observations

#### Console Logs

* **Issue Detected:** One uncaught error found in console logs
  + Type: uncaught.error
  + Details: Limited information available (no specific message, filename, or line number)
  + Impact: Does not affect product display functionality

#### Performance

* **Page Load:** Responsive and fast loading
* **Navigation:** Smooth scrolling and interaction
* **Product Loading:** All product images and details loaded properly

### Screenshots Captured

1. **Full Page Screenshot:** blue\_light\_glasses\_products\_page.png - Complete page capture showing all products
2. **Focused View:** all\_5\_products\_visible.png - Viewport screenshot showing all 5 products clearly

## Test Results Summary

| Test Criteria | Result | Notes |
| --- | --- | --- |
| “View All Products” link functional | ✅ PASS | Successfully navigated to products section |
| All 5 product variants displayed | ✅ PASS | All variants confirmed and visible |
| Product information complete | ✅ PASS | Names, prices, and details all present |
| Visual layout quality | ✅ PASS | Clean, organized, professional appearance |
| Price consistency | ✅ PASS | All products priced at $39.99 |
| Protection level consistency | ✅ PASS | All products show 65% protection |

## Recommendations

### Immediate Actions

1. **Console Error:** Investigate and resolve the uncaught error to improve overall page stability
2. **Error Handling:** Implement proper error logging to capture more detailed error information

### Enhancements

1. **Product Differentiation:** Consider varying protection levels or features across different product variants to provide more choice
2. **Additional Product Details:** Could enhance product cards with more detailed specifications or unique selling points

## Conclusion

**✅ TEST PASSED:** The “View All Products” functionality works correctly, and all 5 variants of blue light glasses are properly displayed with complete product information. The page layout is professional and user-friendly, with consistent pricing and protection levels across all products.

The minor console error detected does not impact the core functionality but should be addressed for optimal website performance.