Engineered to the specialized demands of healthcare environments with emphasis on cleanability and infection prevention. Use in:
- Patient rooms
- Waiting Rooms
- Emergency Departments
- Therapy / Treatment Areas

Sealed, tamper-resistant luminaires that are constructed for easy cleanability and infection prevention. Use in:
- Patient rooms
- Infirmaries
- Exercise areas

Heavy gauge, sealed enclosures deter vandalism and penetration. Use in:
- Cells
- Dormitories
- Showers
- Exercise areas

Sealed, luminaires for high-abuse environments. Use in:
- Locker Rooms
- Sports Facilities
- Gymnasiums
- Restrooms
- Natatoriums
**Add the Power of Disinfection to your Downlights**

Sometimes, environments meant to make us healthy can be an unintentional breeding ground for harmful bacteria, including Staph, such as MRSA. Staph infections can be devastating and expensive. Healthcare, fitness and educational facilities must often go to extreme lengths to stop cross-contamination. Here's a safe, effective disinfection method that reduces the risk of infection: get on-demand environmental disinfection with Kenall’s MedMaster™ and Millenium™ Downlights using Indigo-Clean Technology.

These luminaires utilize a new, state-of-the-art technology to kill bacteria in susceptible environments, including patient rooms, locker rooms, waiting rooms, physical therapy spaces and more, by combining visible LED light with active Indigo light, providing on-demand environmental disinfection.

Kenall’s MedMaster and Millenium Downlights using Indigo-Clean Technology

• Kill harmful bacteria including Staph*, such as MRSA**
• Provide on-demand disinfection when the light is on
• Unlike UV disinfection, light is safe for occupants
• Provide a cleaner, safer environment, even in areas normal cleaning doesn’t reach

• Provide Indigo-Clean disinfection technology at a nominal cost to your facility

Visit Kenall.com for more information about our complete line of luminaires using Indigo-Clean Technology.

Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof.

The Kenall product shown on this page is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA.

The MedMaster™ Downlight Series using Indigo-Clean Technology helps support a cleaner, safer patient environment in a variety of healthcare applications, including operating rooms, patient rooms, locker rooms, nurses’ stations and procedure rooms.

The Millenium™ HADL Downlight Series using Indigo-Clean Technology helps support a cleaner, safer environment in a variety of high-abuse applications, including schools, locker rooms, workout facilities, gymnasiums, restrooms and natatoriums.

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**Visible light spectrum showing the active element in Indigo-Clean**

<table>
<thead>
<tr>
<th>Waveband</th>
<th>Wavelength (nm)</th>
<th>Type of UV-C generated wavelength</th>
<th>Typical UV-C germicidal wavelength</th>
</tr>
</thead>
<tbody>
<tr>
<td>405</td>
<td></td>
<td>Indigo Clean</td>
<td>-</td>
</tr>
<tr>
<td>365</td>
<td></td>
<td>UV-C</td>
<td>-</td>
</tr>
</tbody>
</table>

**MedMaster® MDL6 Series**

- Delivered lumen range: 1,258 – 3,153 lm
- Input power: 24W, 45W
- CCT: 4000K, 5000K, 6500K
- Efficacy: 45 – 62 lm/W
- Delivered lumen range: 1,258 – 3,153 lm
- Input power: 24W, 45W
- CCT: 4000K, 5000K, 6500K
- Efficacy: 40– 69 lm/W
- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 5000K, 6500K
- Efficacy: 40-69 lm/W

**Millenium™ HADL Series**

- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 5000K, 6500K
- Efficacy: 40– 69 lm/W
- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 5000K, 6500K
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Add the Power of Disinfection to your Downlights

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These luminaires utilize a new, state-of-the-art technology to kill bacteria in susceptible environments, including patient rooms, locker rooms, waiting rooms, physical therapy spaces and more, by combining white LED light with 405nm Indigo light, providing on-demand environmental disinfection.

Visit Kenall.com for more information about our complete line of luminaires using Indigo-Clean Technology.

**Kenall’s MedMaster and Millenium Downlights using Indigo-Clean Technology**

- Kill harmful bacteria including Staph*, such as MRSA**
- Provide on-demand disinfection when the light is on
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**MedMaster™ Downlights using Indigo-Clean Technology**

The MedMaster™ Downlight Series using Indigo-Clean Technology helps support a cleaner, safer patient environment in a variety of healthcare applications, including operating rooms, patient rooms, locker rooms, nurses’ stations and procedure rooms.

MedMaster MDL6 Series

- Delivered lumen range: 1,258 – 3,153 lm
- Input power: 24W, 45W
- CCT: 4500K, 4000K, 3000K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Ideal for surgical suites
- Efficacy: 45 – 82 lm/W
- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 3000K, 2700K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Peace of Mind Guarantee® against breakage
- IP65

MedMaster M4DL Series

- Delivered lumen range: 1,258 – 3,153 lm
- Input power: 24W, 45W
- CCT: 4500K, 4000K, 3000K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Ideal for surgical suites
- Efficacy: 40 – 69 lm/W
- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 3000K, 2700K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Peace of Mind Guarantee® against breakage
- IP65

**Millenium™ Downlights using Indigo-Clean Technology**

The Millenium™ HADL Downlight Series using Indigo-Clean Technology helps support a cleaner, safer environment in a variety of high-abuse applications, including schools, locker rooms, workout facilities, gymnasiums, restrooms and natatoriums.

Millenium HADL Series

- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 3000K, 2700K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Efficacy: 40 – 69 lm/W
- Delivered lumen range: 1,134 – 2,664 lm
- Input power: 24W, 45W
- CCT: 4000K, 3000K, 2700K
- Antimicrobial finish to inhibit bacteria, mold and fungi
- Peace of Mind Guarantee® against breakage
- IP65

Table: Visible light spectrum showing the active element in Indigo-Clean

<table>
<thead>
<tr>
<th>WAVELENGTH (nm)</th>
<th>Type of UV C generated wavelength</th>
<th>Indigo-Clean wavelength</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 – 280</td>
<td>Low power: 3650K</td>
<td>405nm Indigo light</td>
</tr>
<tr>
<td>280 – 320</td>
<td>Mid power: 4000K</td>
<td>405nm Indigo light</td>
</tr>
<tr>
<td>320 – 360</td>
<td>High power: 4500K</td>
<td>405nm Indigo light</td>
</tr>
</tbody>
</table>

**Visible Light Spectrum Showing the Active Element in Indigo-Clean**

*per independent lab report  #SGS-09S16032699. Contact Kenall for a copy of this report.

**Antimicrobial Activity of a Continuous Visible Light Disinfection System by Rutala, et. al, ID Week 2016.**

Available in the USA at this time. CA and MO Orders USA Only. Other countries orders USA Only.
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Kenall’s MedMaster and Millennium Downlights using Indigo-Clean™ Technology

• Kill harmful bacteria including Staph*, such as MRSA**

• Provide on-demand disinfection when the light is on

• Unlike UV disinfection, light is safe for occupants

• Provide a cleaner, safer environment, even in areas normal cleaning doesn’t reach

• Provide Indigo-Clean disinfection technology at a nominal cost to your facility

• Antimicrobial finish to inhibit bacteria, mold and fungus

• Independent laboratory tested to kill harmful bacteria, including Staph*, such as MRSA**

• Single, white disinfection mode

• Efficacy: 45 – 82 lm/W

• CCT: 3200K, 3700K, 4300K; 80CRI

• Input power: 24W, 45W

• Delivered lumen range: 1,258 – 3,153 lm

Millenium™ Downlights using Indigo-Clean™ Technology

• Ideal for surgical suites

• Antimicrobial finish to inhibit bacteria, mold and fungus

• Efficacy: 40– 69 lm/W

• CCT: 3200K, 3700K, 4300K

• Input power: 24W, 45W

• Delivered lumen range: 1,134 – 2,664 lm

MedMaster™ Downlights using Indigo-Clean™ Technology

• Antimicrobial finish to inhibit bacteria, mold and fungus

• Efficacy: 40– 69 lm/W

• CCT: 3200K, 3700K, 4300K

• Input power: 24W, 45W

• Delivered lumen range: 1,258 – 3,153 lm

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Engineered to the specialized demands of healthcare environments with emphasis on cleanliness and infection prevention. Use in:
- Patient rooms
- Waiting Rooms
- Emergency Departments
- Therapy / Treatment Areas

Heavy gauge, welded enclosures deter vandalism and penetration. Use in:
- Cells
- Dormitories
- Showers
- Exercise areas

Sealed, luminaires for high-abuse environments. Use in:
- Locker Rooms
- Sports Facilities
- Gymnasiums
- Restrooms
- Natatoriums

Sealed, tamper-resistant luminaires that are constructed for easy cleanliness and infection protection. Use in:
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Sealed, tamper-resistant luminaires that are constructed for easy cleanability and infection prevention. Use in:
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- Infirmaries
- Exercise areas

Heavy-gauge, sealed enclosures deter sanitation and penetration. Use in:
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- Dayrooms
- Showers
- Exercise areas

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Co.
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