



# Indigo-Clean® M4SEDIC Series

Dual Mode Disinfection LED with KORE Technology™



## Indigo-Clean M4SEDIC

Switchable: White Ambient Disinfection Mode and Indigo Disinfection Mode with KORE Technology

- Lumen range (white disinfection mode): 5,627 – 15,217 lm
- Input power: 57 – 143W
- 3700K, 4300K; 80 & 90 CRI
- Continuous environmental disinfection
- Recommended with Indigo-Clean (IC100) room control system
- KORE Technology featuring symmetric optical distribution and uniform lens appearance
- IP65 listed per IEC 60598; ensures ingress protection against dust and water

Nominal Sizes: | 1'x4', 2'x2', 2'x4'  
 Installation Types: | Grid, Flange  
 Lamp Types: | White LED and Indigo LED



Kenall's flagship Indigo-Clean® luminaire has been redesigned using our patented **KORE Technology™**, combining safe and continuous whole room disinfection with improved glare and contrast control and lower input power, resulting in lower total cost of ownership. Indigo-Clean M4SEDIC operates in two modes: ambient white disinfection mode to both disinfect and light the room when occupied, or indigo only mode for safe, maximum disinfection when the room is unoccupied.

### KORE Technology

How It Works



The trapizoidal reflector and optics work together to evenly distribute radiant flux across the lens, creating a 1.5:1 lens uniformity

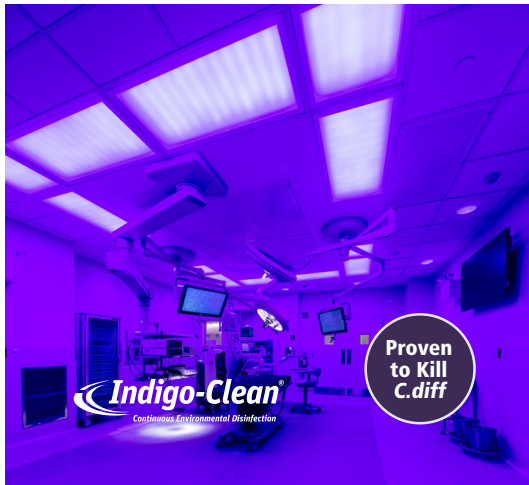


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# Indigo-Clean® M4SEDIC Series features 405nm LED Indigo-Clean Continuous Environmental Disinfection



- Indigo-Clean® is **100% UV-free**, it uses 405nm visible light to safely, automatically, and continuously disinfect the room.
- Switchable White Disinfection Mode and Indigo Disinfection Mode
- 405nm visible light automatically kills bacteria in the air and on hard and soft surfaces, reducing risk of human error and eliminating the need for special training or a technician
- Kills 94% of SARS-CoV-2 & Influenza A\*
- 1'x4', 2'x2' and 2'x4' available

## Indigo-Clean (MedMaster M4SEDIC) supports the surgical team, the patient and the surgical suite's critical environment

MedMaster™ M4SEDIC Series features 405nm LED Indigo-Clean light combined white LEDs to provide both continuous environmental disinfection as well as ambient light. Indigo-Clean, a patented, continuous environmental disinfection technology, safely and automatically kills harmful bacteria linked to healthcare-acquired infections.

Common applications for this narrow spectrum light fixture are surgical suites, patient care and recovery areas. Unlike UV light disinfection, people can be in the room while the light is on.

This revolutionary technology was developed by the University of Strathclyde in Glasgow, Scotland, and is available exclusively from Kenall.

## Indigo-Clean kills **ESKAPE** Pathogens, as well as a range of other organisms such as *Aspergillus niger*, *E.coli* and *Salmonella enteritidis*:



### Light Spectrum



- E**nterococcus faecalis
- S**taphylococcal Aureus (including MRSA)
- K**lebsiella pneumoniae
- A**cinetobacter baumannii
- P**seudomonas aeruginosa
- E**nterobacter species

\* Rathnasinghe, R., Jangra, S., Miorin, L. et al. The virucidal effects of 405 nm visible light on SARS-CoV-2 and influenza A virus. *Sci Rep* 11, 19470 (2021). <https://doi.org/10.1038/s41598-021-97797-0>

