



 Metalumen

HEALTH CARE   
BED LIGHTS



Patient care in long-term or short-term health care facilities require luminaires that meet compliances for examination.

Medical practitioners require lighting that is high in output and colour quality, to ensure that they can accurately evaluate the patients and meet their medical needs. When Medical practitioners are not with the patient, the luminaire has the controls capability of meeting their lighting needs for ambient lighting or enough for patient to read.

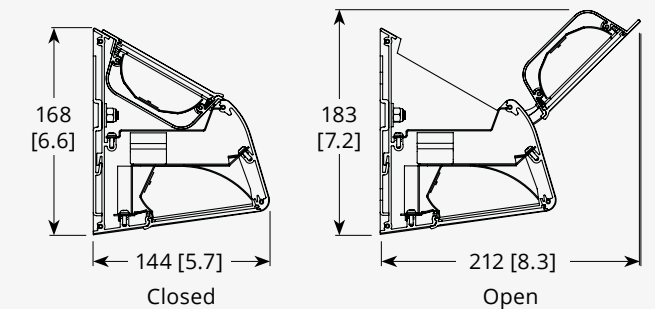
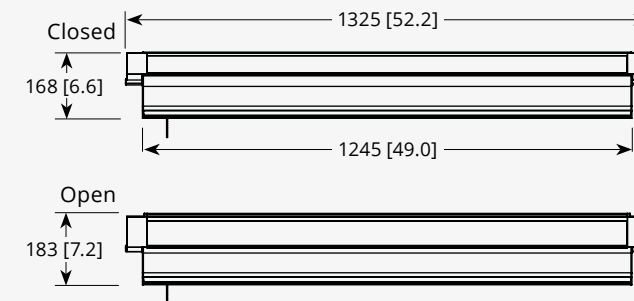
In health care environments, the facilities have cleaning process and procedures in place to help prevent the spread of microorganisms and dust. It is important for patient rooms to be cleaned to help maintain the health of the patients and medical practitioners. Metalumen's luminaires have been designed to simplify the cleaning of the luminaires and minimize the spread of microorganisms.

#### IDEAL APPLICATIONS:

- Patient rooms
- Treatment rooms
- Emergency and triage bed areas
- Convalescent and elderly care exam rooms
- Convalescent, elderly and palliative care spaces

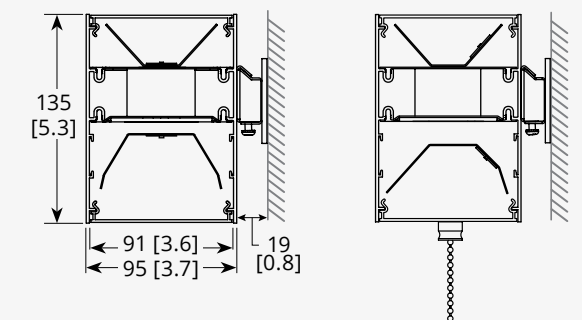
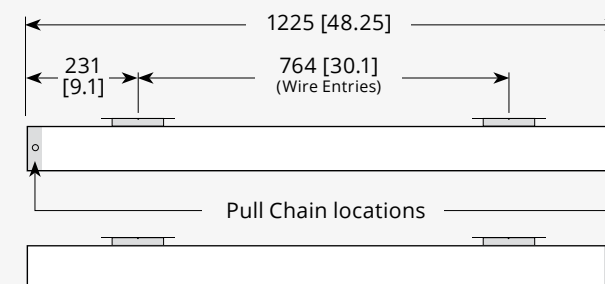
## Flexi BLD

- Four modes of operation: ambient, reading, reading & ambient, and exam
- Available switch options: pull chain, safety, remote
- Optional chart light is available
- Antimicrobial finish



## RM4DI Bed Light

- Two Pull Chain options are available to control reading and ambient lighting
- Antimicrobial finish
- Internal drivers



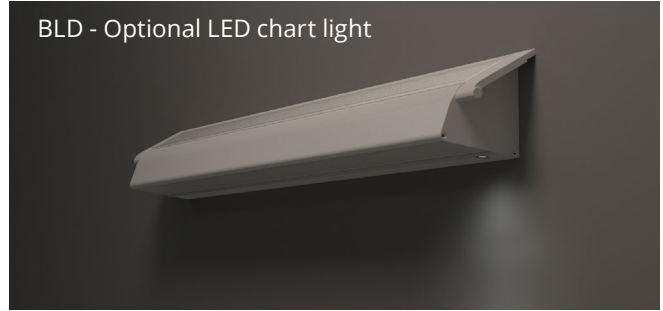
## LUMINAIRE SPECIFICATION

**Exam Lighting** – During medical examinations, lighting requirements demand an average of 100 fc on the bed. Metalumen’s bed lights with full light output are designed to meet this requirement to ensure Medical practitioners can accurately evaluate the patient.

**Optical Systems** – Metalumen’s Bed Light luminaires are offered with direct and indirect lenses to help reduce dust and particles of filth on the luminaire to help facility cleaning process.

**Luminaire Finish** – Cleaning in the health care industry is a process to remove microorganisms, and particles of filth. Metalumen’s luminaires are offered with Anti-Microbial powder coat finish for the luminaires to help with the disinfection process.

**Controls/Switching** – Luminaires come standard with 0-10v 1% dimming drivers to optimize their output for ambient or reading. Luminaires are offered with 2 or 4



position pull chain to control with luminaire direct or indirect light. Consult the factory for other luminaire controls for the Bed Lights.

**Colour Rendering** – In health care environments it is important to provide accurate medical diagnoses. To prevent the incorrect diagnoses of cyanosis; when oxygen levels in the blood are dangerously depleted and is indicated by blueish or discoloured skin. Metalumen’s Bed lights are offered with 3 step McAdam Eclipse 90 CRI LEDs with high R9 to achieve COI (Cyanosis Observation Index) compliance of less than 3.3. Consult factory for Circadian Rhythm stimulant Lighting.



Exam (Open)



Reading



Ambient



Reading & Ambient