

## Project Information

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Catalog #: \_\_\_\_\_

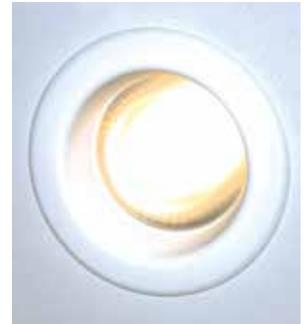
Contact/Phone: \_\_\_\_\_

# MedLux® XLS-3.0

## MRI-Safe LED lighting system

### PRODUCT DESCRIPTION

Everbrite Lighting is proud to introduce the next generation in lighting technology – MedLux® XLS-3.0 System – down lights for MRI suite applications. This high performance recessed light emitting diode (LED) down light is designed for use in magnetic resonance imaging and other medical environments. Exceptional LED life and reliability provide a maintenance-free lighting system. Simply stated, LEDs will eliminate the costs and hassles associated with lighting maintenance, in addition to being 100% MRI safe.



Trim available in white or metallic finishes

### PRODUCT FEATURES

### BENEFITS

#### LED Light Source

- |                                   |  |
|-----------------------------------|--|
| Light Emitting Diode Light Source | - Long-life - rated to 100,000 hours L70 (150,000 useful life) (25 deg. C ambient) |
|                                   | - No lamp replacement  |
|                                   | - No filaments - unaffected by magnetic fields                                     |
|                                   | - No UV or IR emissions  |

- |                               |   |
|-------------------------------|---|
| Proprietary Integrated Driver | - Minimizes number of facility filters required |
|                               | - Conventional wiring                           |

- |                               |                                   |
|-------------------------------|-----------------------------------|
| Engineered Thermal Management | - Cool operation extends LED life |
|-------------------------------|-----------------------------------|

#### 100% MRI-Safe

- |                          |  |
|--------------------------|--|
| Non-ferrous Construction | - Completely safe for use in MRI rooms |
| No Signal Interference   | - Does not effect image quality        |

#### Advanced Optics

- |                             |  |
|-----------------------------|--|
| Engineered Light Management | - Highly efficient optical system                        |
|                             | - Eliminates glare                                       |
|                             | - Provides optimal illumination at task and floor levels |

#### Dimming

- |  |  |
|--|--|
| Advanced Proprietary Design<br>(Please refer to XLD Dimmer<br>product sheet for details) | - Smooth dynamic control                             |
|  | - Even color temperature throughout dimming range    |
|  | - Class 2 low voltage; easy plug-in type connections |

#### Fixture Design

- |  |   |
|--|---|
|  | - Aesthetically pleasing - same look as traditional incandescent fixtures |
|  | - Easy Installation   |

#### System Installation

- |  |   |
|--|---|
|  | - Does not require expensive, bulky AC/DC lighting controllers                |
|  | - Entire system operates on one (1) 120VAC circuit (including multiple zones) |
|  | - Integrated driver design does not require remote drivers                    |

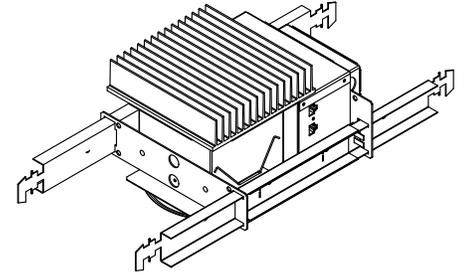
# MedLux<sup>®</sup> XLS-3.0

MRI-Safe LED lighting system

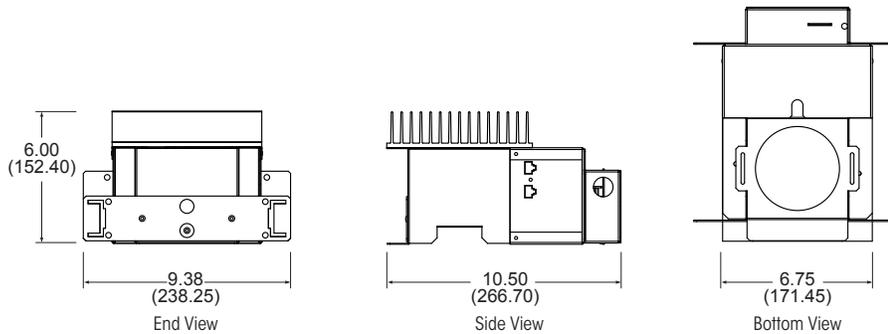
## SPECIFICATIONS

### Down Light Fixture:

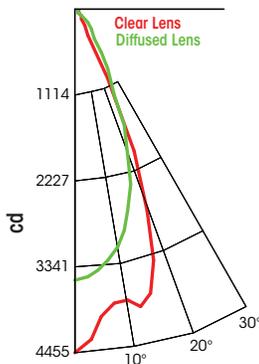
Dimensions	10.5"L x 9.4"W x 6.0"H (excluding mounting rails)
Weight	5.2 lb. - Note: Suspension ceiling installation requirements may vary (Consult with your local building authority for code compliance)
Ceiling Clearance	7" minimum required
Light Source	High-power, long life LED, array
Light Output	2028 lumens (Diffused lens, net hot lumens - per Energy Star CALiPER test procedure) 2070 lumens (Clear lens, net hot lumens - per Energy Star CALiPER test procedure)
Correlated Color Temperature	3500°K (standard)
CRI	83
Input Voltage	120 +/- 10% Volts AC, 50/60Hz
Input Current	0.21 Amps; 0.35 Amps in-rush
Input Power	25 Watts; 42 VA
Aperture Diameter	4" round
Ceiling Thickness	0.50" - 1.00" (25.4 mm) maximum
Listing	USL per UL 1598 and UL 8750, CNL per CSA C22.2 No. 250.0



### Product Layout



### Photometrics



Fixture Height (ft)	Footcandles @ Nadir		Beam Diameter (ft)
6	124	97	4.8
7	91	71	5.7
8	70	55	6.5
10	45	35	8.1
12	31	24	9.7

\*Beam diameter at 50% Nadir

### Catalog Number

**XLS3.0** - ? - 120 R ? ?

Series	ANSI Color Temp	Supply Voltage	Trim Ring Options	Lens Options	Trim Finish Options
XLS3.0	35: 3500°K 40: 4000°K CT: Custom*	120: 120 Volts	R: Round	C: Clear D: Diffused	WM: White Matte CU: Custom Color*
<b>Example: XLS3.0-35-120RDWM</b> (XLS3.0 Series, 3500°K color temp., 120 Volts, round trim ring, diffused lens in white trim finish)					
*Consult your Everbrite Lighting Representative for lead-time and cost for custom orders.					



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LED MEDICAL LIGHTING TECHNOLOGY

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