OPERATING THEATRE LIGHT

eaglelightingaustralia
Member of the EagleHall Group
FEATURES & BENEFITS

Adapted from our highly successful Cleanroom and Secureroom range of luminaires, the Operating Theatre Light has been specifically developed to meet the demanding requirements of the theatre environment.

FEATURES AND BENEFITS:

+ Together with an EPDM gasket, swing-out installation brackets negate the need for a silicon sealant around the fixture in the ceiling. EPDM rubber foam is a closed cell gasket, ensuring a high IP-rating. At less than 10% compression this returns a 100% water tightness. The low-memory nature of the material ensures it will always return to its original shape.

+ Overlapping design construction, provides this system with a continuous seal around the perimeter of the installation.

+ UV-stabilised, acrylic diffuser options contribute to the overall IP65-rating, and are easily cleaned and maintained. When compared with polycarbonate options, our acrylic diffuser is resistant to hospital-grade cleaners.

+ By combining the acrylic diffuser with the multi-directional IP-rating of the Operating Theatre Light, the result is a luminaire that meets the tough standards required for a PC2 environment.

+ One of the features of meeting the PC2 standard is that zero contaminants can enter the luminaire - including from inside the ceiling cavity. This means the luminaire achieves high maintenance intervals.

+ A removeable gear tray allows for easy installation and maintenance.

Designed and manufactured in Melbourne, Australia, the Operating Theatre Light has many unique features and capabilities, but most importantly offers a diverse range of options to suit applications with different constraints and requirements. Consult with your local ELA Representative to discuss your needs.

EXAMPLE LAYOUTS

The above example layouts demonstrate how the Operating Theatre Light system can be installed to create a fully sealed, contaminant-free environment. Example A demonstrates a full theatre installation, utilising Corner modules, Example B shows a single run making use of Start and End modules.
OPERATING THEATRE LIGHT

A range of luminaires specifically developed for operating theatre applications

Our Operating Theatre Light luminaires have been developed as a unique solution, meeting the requirements of specialist operating theatre installations, where a fully sealed luminaire is needed to prevent contamination of the secure environment.

This range has been engineered specifically for hospitals, emergency and veterinarian operating theatres.

OPTIONS:
+ Available in an IP44 Cleanroom, or IP54 Secureroom configuration, with bottom or ceiling access.
+ T5 lamp options in single or multiple configurations.
+ Operating Theatre Light can be installed with separate switching/dimming depending on requirements
+ Seismic Restraint

DIFFUSER PANEL OPTIONS

PRODUCT CODE | LIGHT SOURCE/DISCRIBPTION | [NOM] DIMENSIONS |
---|---|---
EL-OPS-228-_00-000* | CORNER A IP65 | 1270* x 380* x 135* |
EL-OPS-228-_01-000* | CORNER B IP65 | 1270* x 380* x 135* |
EL-OPS-228-_02-000* | INTERMEDIATE IP65 | 1270* x 380* x 135* |
EL-OPS-228-_03-000* | INTERMEDIATE W/ CEILING ACCESS IP65 | 1270* x 380* x 135* |
EL-OPS-228-_04-000* | START IP65 | 1270* x 380* x 135* |
EL-OPS-228-_05-000* | END IP65 | 1270* x 380* x 135* |

*PRODUCT CODES AND DIMENSIONS LISTED ARE EXAMPLES AND APPLY TO 2 X 28W LAMP CONFIGURATION ONLY

The Operating Theatre Light can be customised to your needs. Please consult with an ELA Representative regarding dimensions and product codes.

The Operating Theatre Light is available in the following lamp configurations:

T5 Lamp | 14W | 24W | 28W | 35W | 49W | 54W | Single or Multiple Lamps

PLEASE NOTE: Please ask your ELA representative for cutout sizes.
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