



## HEALTHCARE LIGHTING CASE STUDY



## FOCUSING ON PATIENT EXPERIENCES

# to deliver quality health solutions

We worked closely with engineers AECOM on the recently completed Clinical Services Building in the Gandel Wing at Cabrini Hospital. Located in Malvern, Victoria, the new clinical building establishes better healthcare services for the hospital.

The 7-storey space comprises of 138 beds, maternity residences, a radiotherapy centre, an extension to the existing emergency department and accommodation for patients to remain on site for their treatment.



# to create

The approach for this project was to challenge traditional designs, transforming the hospital ward from a sterile and cold environment into a comfortable and serene space for health and wellbeing. With Cabrini's hospital lighting, it was important to ensure a balance was met to simultaneously create a functional and effective workspace for its staff whilst also a pleasant ambience and experience for its patients and visitors.



# the design process

Two major factors we needed to consider for the light fittings were practicality for the end-user, as well as energy consumption of the fittings. As hospitals operate 24/7, every day of the year, it was essential to consider the efficacy of the lighting solution. The lighting package utilises a control system to dim the lights depending on the time of the day. During the evenings, the luminaires will be dimmed at approximately 50% to conserve energy.

The Liquid Line by Lightnet was used in recessed format as a hero feature throughout the facility. It's curved shape blends seamlessly into the ceiling and provides directional lighting in the corridors and open areas of the clinic. Selected in a warm white 3000K colour temperature, this output achieves comfort for patients and staff members. Special attention was also played to the space above the reception desk and patient rooms to avoid glare.

LED strips in bendable and straight formats were used to highlight the mirrors and cabinets in the corridors and multiple accommodation areas. A selection of Mira by Landa in-ground exterior lights were used to illuminate the main Cabrini signage in the new section. Optimum visual conditions for the lights we supplied complied with appropriate healthcare standards.

With a focus on the patient's perspective and their families, a higher level of healthcare was delivered to improve their experience at the clinic. We are thrilled our lighting solution offers a tranquil and calming experience in this new space at the hospital.



# featured products



[Liquid Line 3D - Recessed](#)  
[by Lightnet](#)



[Bendable and High Pro LED Strip](#)



[Aluminum Profiles](#)



[Exterior In-ground Mira 45/65/150](#)



# project overview

CLIENT: Cabrini Hospital - Malvern

LOCATION: 183 Wattle tree Rd, Malvern VIC 3144

COUNTRY: Australia

PROJECT TYPE: Healthcare

ARCHITECTS: [BatesSmart](#)

BUILDERS: [Kane Construction](#)

ENGINEERS: [AECOM](#)

ELECTRICIAN: [Nuvo Group](#)

PHOTOGRAPHY: [Peter Clarke](#)



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