



designed and manufactured in Singapore

PRISM-01

Wall-mounted Luminaire

Feature Highlights

Seamless Design

- Anti-microbial coating
- No sharp edges
- Enhanced infection control

Innovative Luminaire

- High efficiency LED modules
 - Reduced power consumption
 - Reduced glare
- DALI dimmable (optional)
- Customizable scenes (optional)

Aircraft Grade

Aluminium Structure

- Anti rust/corrosion
- PVDF coated

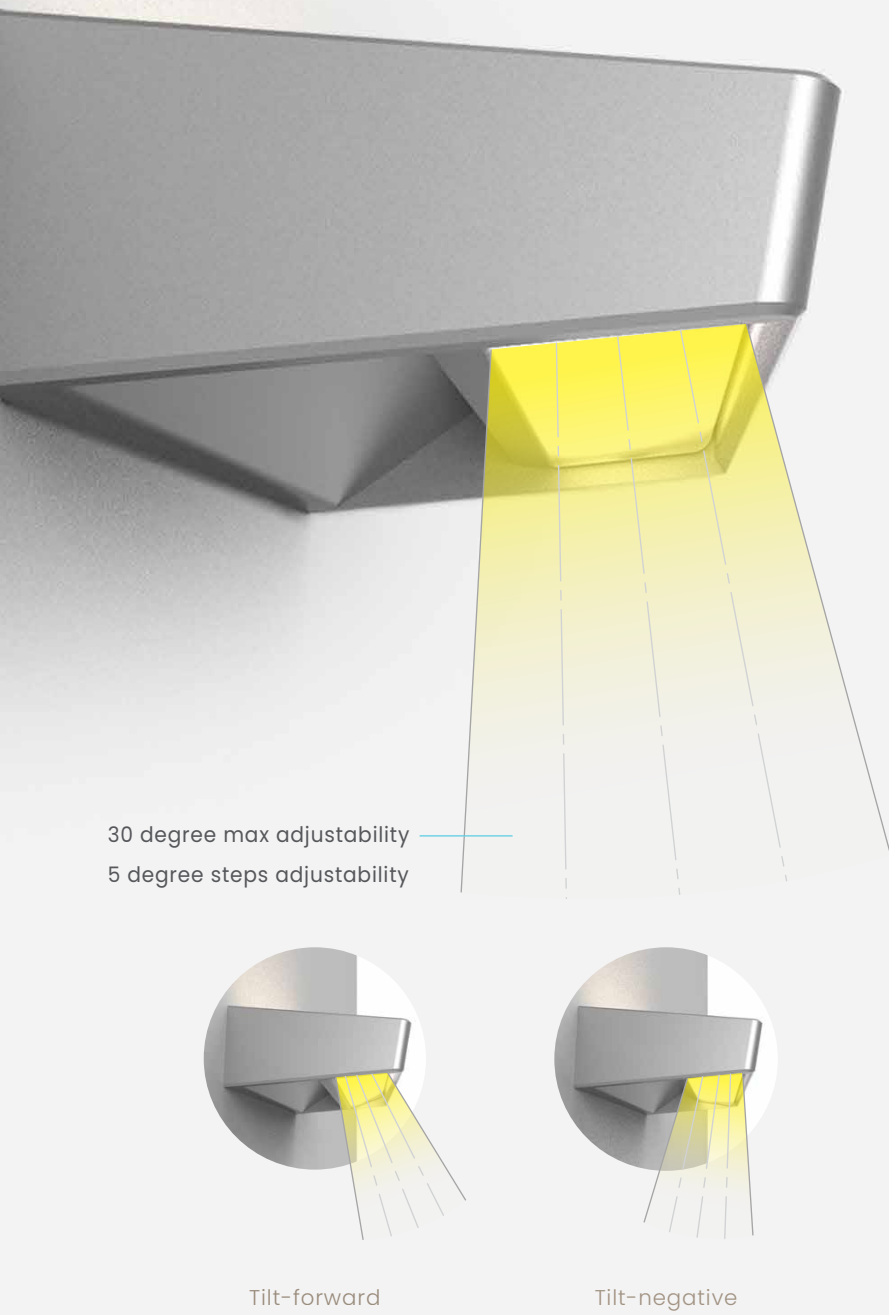
Human Centric Lighting

- Tunable white options
- Adjustable bottom beam
- Enhanced patient experience



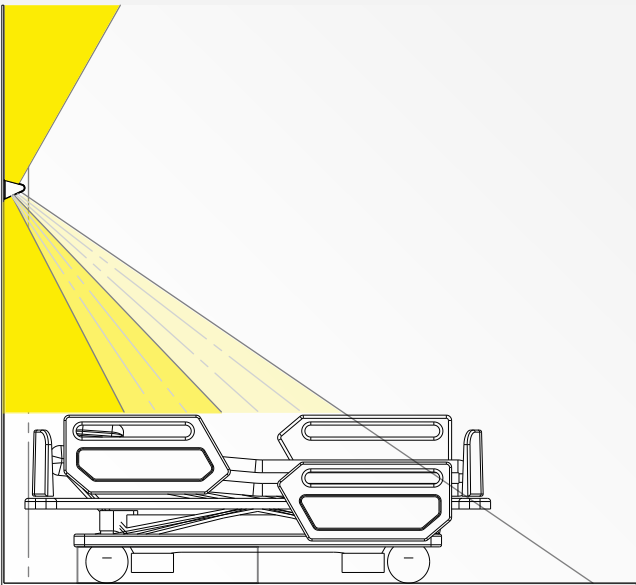
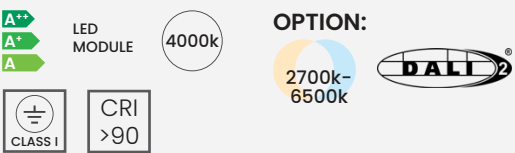
Light Modes

Adjustable Beam Angles



On-demand lighting

- Personalised lighting
- 5 degree 6-step adjustability
- Clearly defined

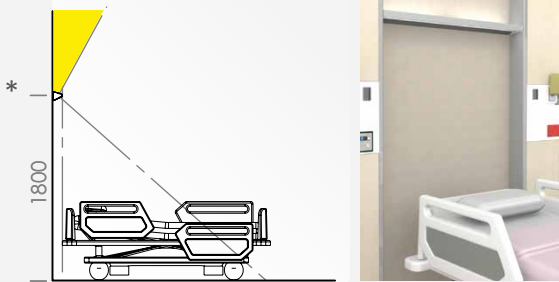


Light Scene Options

(*) Recommended Mounting Height

Ambient Light (Uplighting)

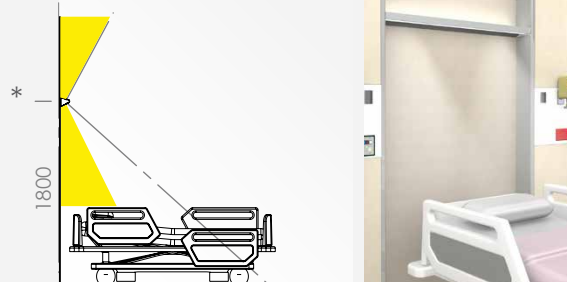
- CCT: 3000k
- CRI>90
- 100 lx



It is rare to require this level of lighting but, if required, a portable examination light must be used.

Reading Light (Neutral)

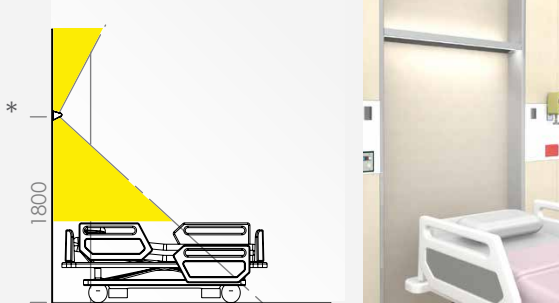
- CCT: 2700k-3000k
- CRI>90
- 300 lx



To be controlled by the patient and to be provided over the patient's activity.

Examination Light (Uplighting + Forward-Tilt)

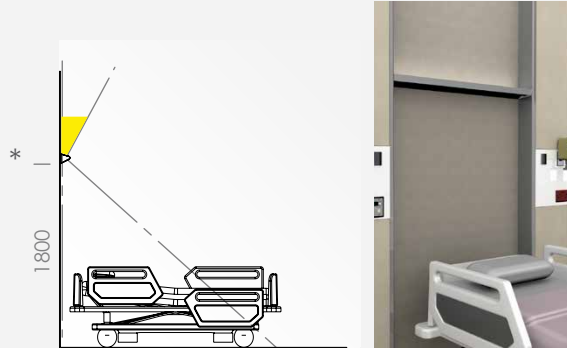
- CCT: 4000k
- CRI>90
- 300-1000 lx



Luminaires to use lamps with a colour rendering capability of RA80.

Night Ambient Light

- CCT: 2700k
- CRI>80
- 5 lx



To be provided at the general ward area with a maximum of 0.5 lux over the pillow.

Luminaire Body

- Anti-rust aircraft grade aluminium body
- Precision CNC end-trims
- Polyvinylidene fluoride (PVDF) coated to user's choice of colours
- Anti-microbial coating and easy to clean
- Can be mounted on the wall conveniently
- Effortless serviceable drivers and LED modules

Optics

- Optical diffuser covers in Makrolon PC
- Special fluted design for asymmetric light diffusion
- Highly efficient LED modules
- Adjustable bottom beam angle for better light spread and reduced glare
- DALI dimmable option
- Changeable white option (2700k - 6000k)

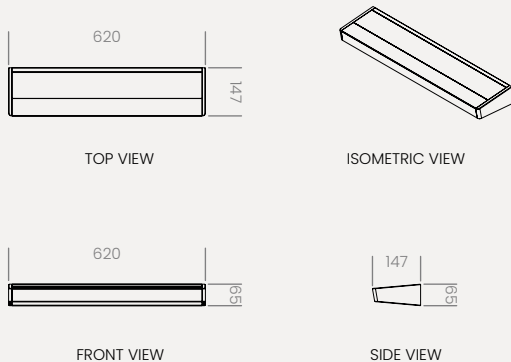
Technical Specifications

PRISM-01

Width 620-1200 mm
Depth 147 mm
Height 65 mm

* Available in 3000k temperature LED modules upon request and if MOQ is met.

2ft Luminaire



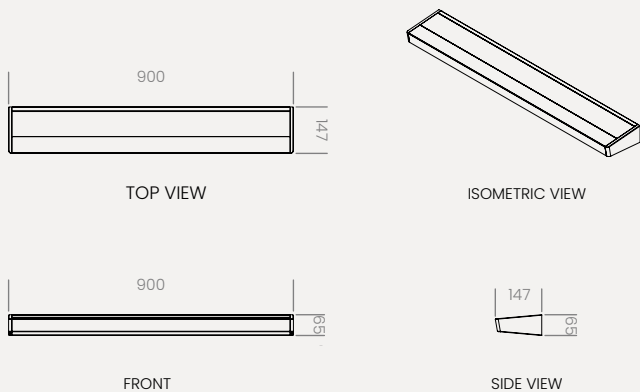
Option 1: No Dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 2: Phase-Cut dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 3: DALi dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 4: DALi dimming w/Tunable White
Number of circuits: 2
Uplight: 2700k - 6000k
Downlight: 2700k - 6000k

3ft Luminaire



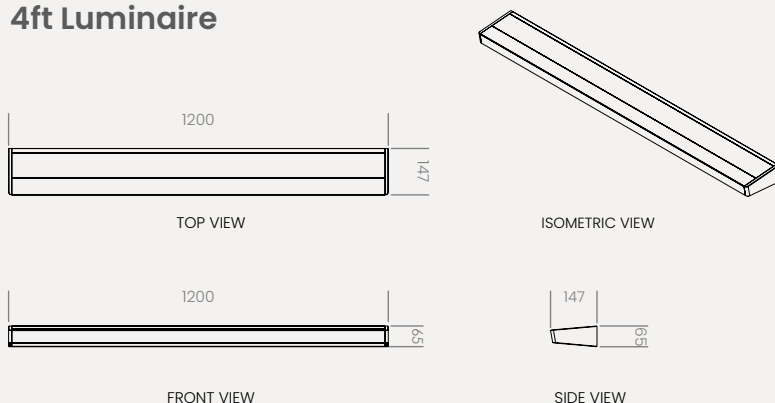
Option 1: No Dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 2: Phase-Cut dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 3: DALi dimming
Number of circuits: 3
Uplight: 4000k*
Downlight: 4000k*

Option 4: DALi dimming w/Tunable White
Number of circuits: 3
Uplight: 2700k - 6000k
Downlight: 2700k - 6000k

4ft Luminaire



Option 1: No Dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 2: Phase-Cut dimming
Number of circuits: 2
Uplight: 4000k*
Downlight: 4000k*

Option 3: DALi dimming
Number of circuits: 3
Uplight: 4000k*
Downlight: 4000k*

Option 4: DALi dimming w/Tunable White
Number of circuits: 3
Uplight: 2700k - 6000k
Downlight: 2700k - 6000k

Notes

This unit can be customised to your preferences in light output, finishes and size. Light output (lumens) of luminaire depends on option chosen. Feel free to contact our sales department for your needs.

- Size
- Colour
- Finishes



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