



# PRISM-01

## Feature Highlights



### Seamless Design

- Anti-microbial Coating
- No Sharp Edges
- Enhanced Infection Control

### Space Grade Aluminium Structure

- Anti-rust/ corrosion
- PVDF coated

### Innovative Luminaire

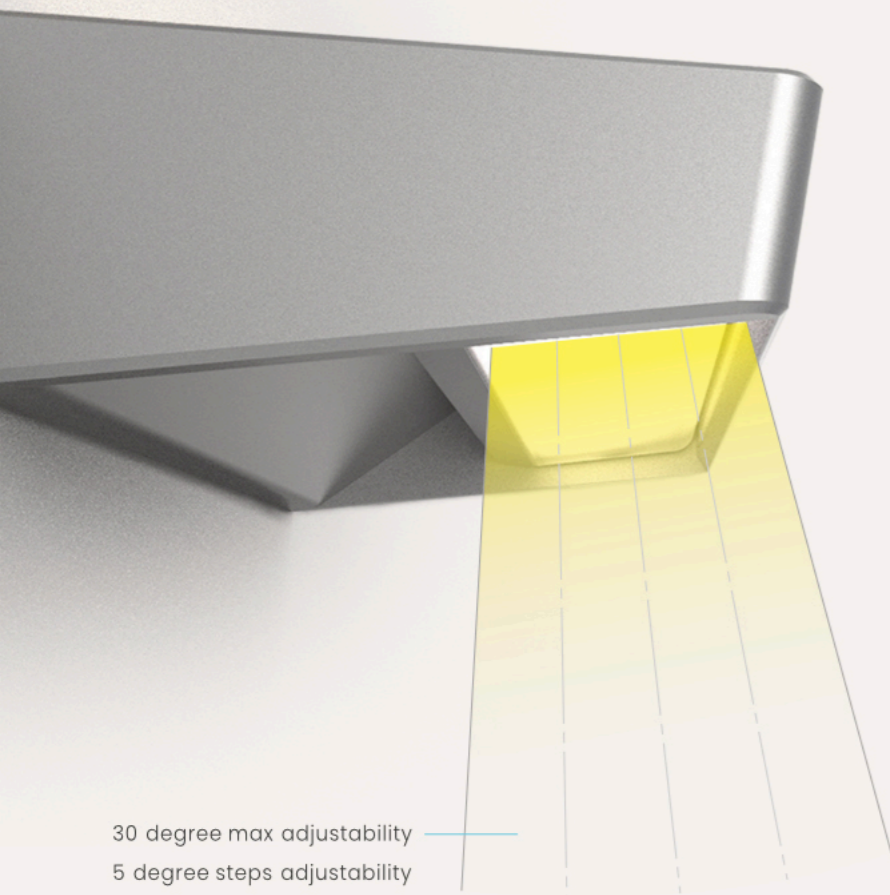
- High Efficiency LED Modules
  - Reduced Power Consumption
  - Reduced Glare
- DALI Dimmable (optional)
- Customizable Scenes (optional)

### Human Centric Lighting

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

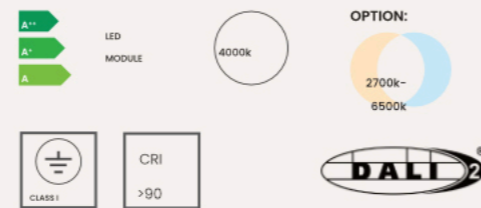
# Light Modes

## Adjustable Beam Angles

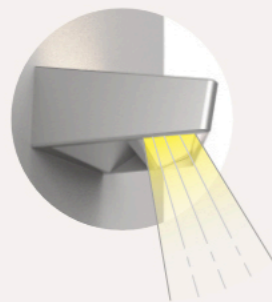


### On-demand lighting

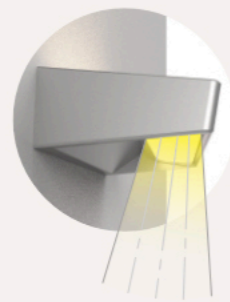
- Personalised lighting
- 5 degree 6-step adjustability
- Clearly defined



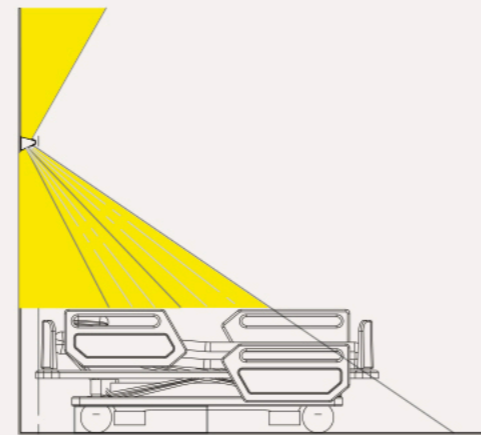
30 degree max adjustability  
5 degree steps adjustability



Tilt-Neutral Examination Light



Tilt-Forward Reading Light

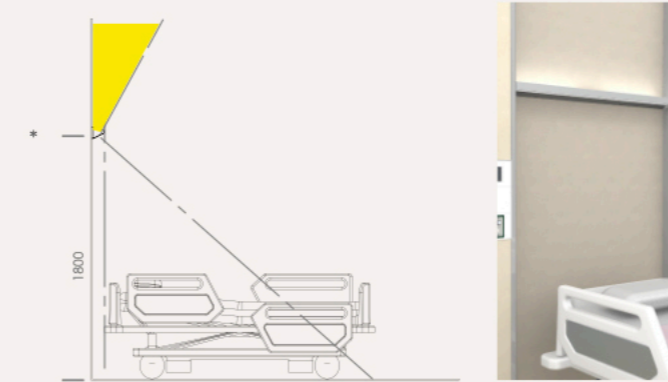


## Light Scene Options

### Ambient Light

#### Up-lighting

- CCT: 3000K - 4000K
- CRI >90
- 100 lx

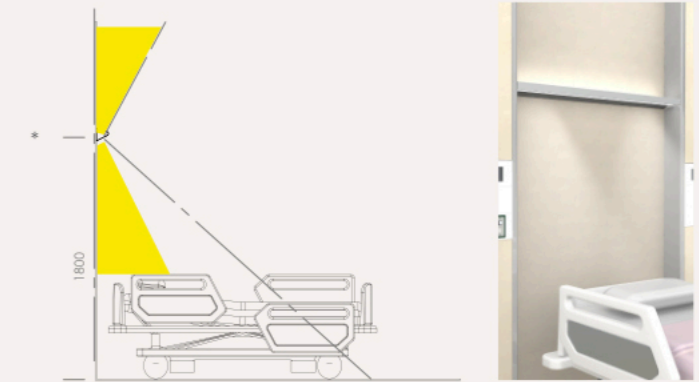


It is rare to require this level of lighting but, if required, a portable examination light must be used.

### Reading Light

#### Neutral

- CCT: 4000K
- CRI >90
- 300 lx

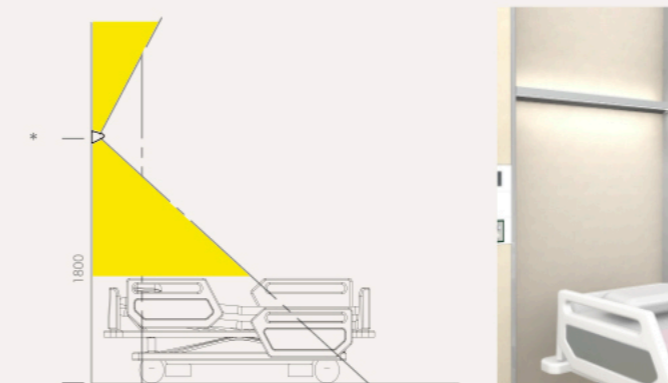


To be controlled by the patient and to be provided over the patient's activity.

### Examination Light

#### Uplighting + Forward-Tilt

- CCT: 4000K
- CRI >90
- 300-500 lx

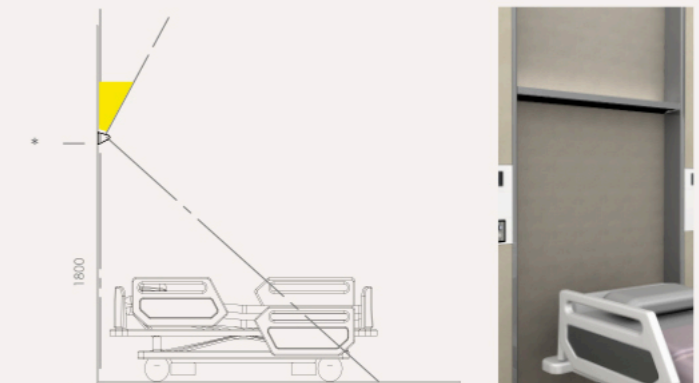


Luminaires to use lamps with a colour rendering index of CRI >90.

### Night Ambient Light

#### (Optional)

- CCT: 3000K - 4000K
- CRI >90
- 5 lx



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

## Seamless Design

- 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 (optional)
- Turnable white 3000K - 6500K (optional)



Tilt-Neutral Reading Light

Tilt-Neutral Examination Light + Ambient Light

Tilt-Forward Reading Light + Ambient Light

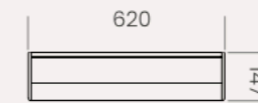
## Technical Specifications

# 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.

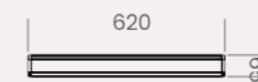
### 2ft Luminaire



TOP VIEW



ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW

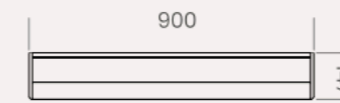
Option 1: No Dimming  
 Number of circuits: 2  
 Uplight: 4000k\*  
 Downlight: 4000k\*

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

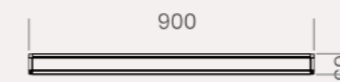
### 3ft Luminaire



TOP VIEW



ISOMETRIC VIEW



FRONT



SIDE VIEW

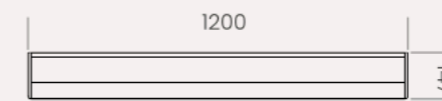
Option 1: No Dimming  
 Number of circuits: 2  
 Uplight: 4000k\*  
 Downlight: 4000k\*

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

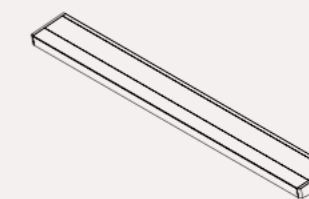
Option 3: DALI dimming  
 Number of circuits: 3  
 Uplight: 4000k\*  
 Downlight: 4000k\*

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

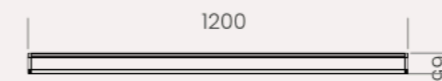
### 4ft Luminaire



TOP VIEW



ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW

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

