



Overview

A complete LED lighting solution for hospital wards consisting of;

1. Recessed linear luminaire in innovative angular 'U' shape
2. Two bedhead downlights at each end of 'U' for patient activity
3. One downlight over foot of the bed with optional integrated emergency

The system is supplied as a complete unit with all products pre-wired and mounted into a 1800mm x 1200mm metal frame Specially designed to comply with Healthcare guidelines LG2 and BS EN12464-1 (1000 lux and Ra90)

Controls and Scenes

Careline is a DALI addressable system and as such can be connected to a standalone room or building-wide Whitecroft Connect system

Supplied with 7 button wall control panel for programming on site with the following 6 scenes:

1. Examination – 1000 lux
2. General nursing care – 300 lux
3. Patient rest / Daytime – 30–40 lux
4. Reading – 300 lux at top of bed
5. Night light – 5 lux at end of bed and 0.5 lux on pillow
6. Observation – 20-40 lux

Each scene can be dimmed to suit the needs of the patient and hospital staff, whether through a bed handset (by others) or a wall-mounted switch panel (supplied with the luminaire)

Optics

- 4000K LED

- Ra 90 for optimum colour rendition during nursing activities
- Linear 'U' luminaire;
 - Opal diffuser for uniform light output and wipe clean surface
 - High output light engines
- Two downlights (bed head);
 - Patient reading or observation
 - Focused 10° distribution of light
- One downlight (foot of bed);
 - Circulation and night lighting
 - Set back and angled to increase cut off angle to patient for comfort
 - Optional 3 hour emergency standard or COMECS addressable auto test
 - Emergency output = 162 lumens

Body

- Sheet steel panel finished white
- Nominal 1800 x 1200mm body
- Recessed mounted into Exposed Tee ceiling
 - 24mm - with ceiling grid overlap
 - 15mm - no grid overlap, mastic seal by installer recommended for best finish
- Uses common components with other Whitecroft products to aid future replacements and upgrades
- Complete with flying lead and marshalling box

Order codes

Careline Recessed (Complete Unit)

Order Codes	B50					
	Standard	3hr Emergency	COME PS emergency	L70	L80	L90
Ra90, 4000K	CL2YR94K	CL2YR94KEM	CL2YR94KEP*	>100k	90k	42k

Careline uses 6 DALI addresses plus 1 additional where COMECS addressable emergency is used

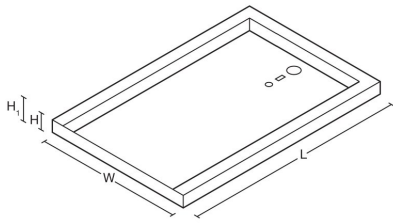
Options

* can be wired as Easytest if required

LED Performance

Colour Temp	RA (CRI)
4000K	>80

Dimensions



L	W	H	H1	KG
1785	1185	83	110	39.5

To Specify

Recessed fully integrated, multiple source LED lighting system for individual patient care and rest within a ward. DALI protocol to achieve all lighting performance requirements in LG2 & BSEN12464-1:2011, including 1000 lux and Ra90 for examination/treatment. Linear 'U' shaped LED luminaire delivers a virtually continuous line of light. LED downlights angled towards task to maximise performance – as Whitecroft Lighting CARELINE

Application images

