

vigilant

Healthcare: Direct / Indirect bedhead luminaire

APPLICATION

Hospital wards where the lit environment requires optimum lighting for both general circulation and patient reading and inspection requirements.

- Wall mounted over bedhead

SPECIFICATION

- Lamps – 2 x 54W T5 (ward lighting)
- 1 x 54W T5 (reading / examination light)
- Lamps supplied
- Extruded aluminium body
- Aluminium rear panel for direct to wall mounting
- Polyester paint finish: White RAL 9010
- Removable profiled polycarbonate diffusers
- Separate dimming circuits for circulation and reading lamps
- Dimming by 'Push Control' spring loaded remote switches to select the following light levels
- patient rest 30 – 50 lux
- watch light 10 lux
- reading 300 lux
- examination 400 lux
- Optimum mounting height 2 metres

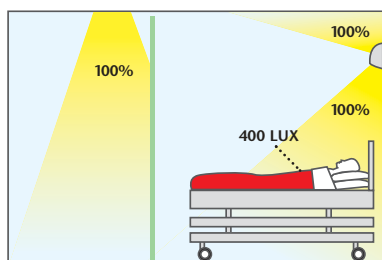
WEIGHT

- 12kg



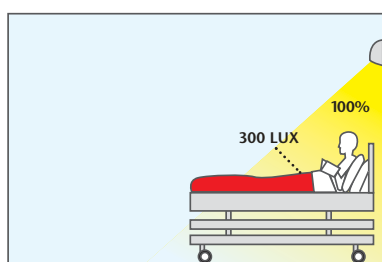
To cater for varying patient needs and staff activities, wards need to operate in six different lighting modes : resting, reading, examination, night-time, watchlight and emergency.

Whitecroft's individually controlled bedhead units, combined with recessed downlighters, provide the perfect solution to all these different requirements and reduce the need for task lighting.



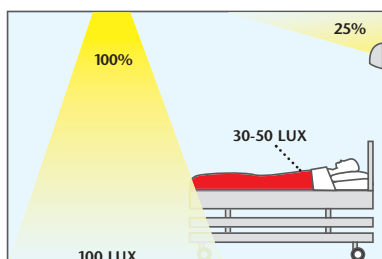
Examination

Medical practices carried out at bed space with curtains drawn



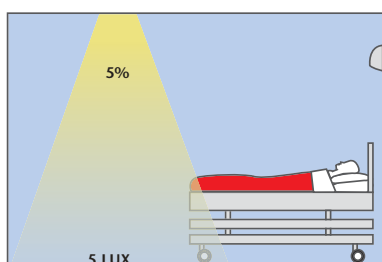
Reading

Directly on the pillow, may be used as an additional source for nursing tasks.



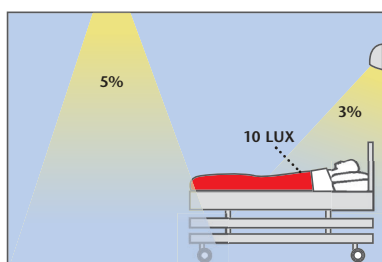
General/Emergency

Centre ward illuminance should be sufficient to enable usual nursing procedures with consideration of overall ambience. Emergency lighting can also be incorporated into the central downlights



Nightlight

Downlight only, visual acuity low. Illuminance sufficient to allow staff and patients to move around. Should not disturb sleeping patients

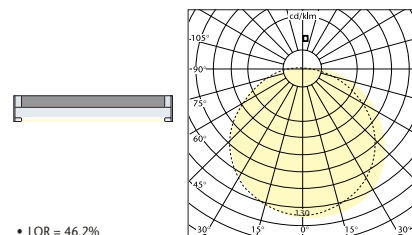


Watchlight

Best practice as LG2 but not listed in BSEN12464:1 Downlight only, continuous observation after main switch off

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DIRECT/INDIRECT BEDHEAD LUMINAIRE
1 x 54W T5 DOWNLIGHT

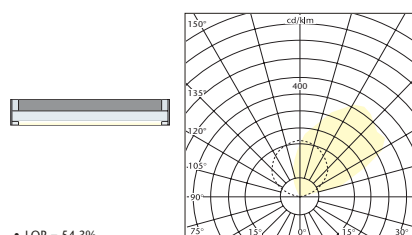


• LOR = 46.2%

UTILISATION FACTORS UF(F)													SHR NOM=1.50
Room Reflectance Room Index													
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.27	0.31	0.35	0.37	0.40	0.43	0.44	0.46	0.48		
0.50	0.30	0.20	0.23	0.27	0.30	0.33	0.36	0.34	0.40	0.43	0.44		
0.00	0.00	0.00	0.20	0.23	0.27	0.29	0.32	0.34	0.36	0.38	0.39		

Vigilant

DIRECT/INDIRECT BEDHEAD LUMINAIRE
2 x 54W T5 UPLIGHTS



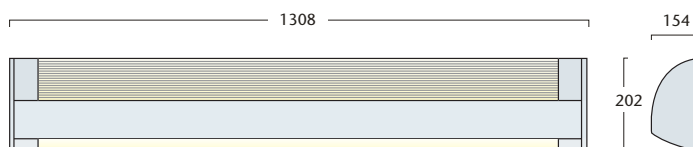
• LOR = 54.3%

UTILISATION FACTORS UF(F)													SHR NOM=0.75
Room Reflectance Room Index													
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.19	0.23	0.26	0.28	0.31	0.37	0.35	0.37	0.38		
0.50	0.30	0.20	0.11	0.14	0.16	0.18	0.20	0.22	0.23	0.24	0.26		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 X 54W	4450	20,000

DIMENSIONS



ORDER CODES - VIGILANT

DIRECT / INDIRECT BEDHEAD LUMINAIRE

LAMPS SUPPLIED

3 x 54W

LUMINAIRE

VIGX5454

To specify state:

Direct / Indirect wall mounted bedhead luminaire with 2 x 54W circulation lighting and 1 x 54W reading / examination light. Extruded aluminium body with profiled endcaps. Polycarbonate diffusers. Lamps can be independently dimmed by 'push control' - as Whitecroft Lighting VIGILANT



Lighting for Life

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