

nightingale LED

centre ward combined circulation/lighting LED luminaire



Optics

- Light Output Options:
 - 1100 lumens (17W*)
 - 2000 lumens (31W*)
 *Total power consumption including driver based on the 4000K light engine
- Low glare louvre as standard providing full glare control at the bedhead and good uniformity of illumination in the circulation zone
- The light source is switched between a 'Day' and 'Night' setting. The 'Day' position is typically 100% output for general ward circulation lighting and 'Night' position will provide the 5 lux required at night time
- Two methods of operation:
 - Standard latch – light source is switched using a standard light switch (not supplied) typically at the ward entrance to deliver Day (100% output) and Night-lighting (5% output)
 - DALI – light source is switched using two pre-set dimming levels, typically 100% (day) and 5% (night). Must be used in conjunction with DALI lighting controls (power supply and wall switch). Onsite commissioning required

Body

- Black cast aluminium body with polycarbonate reflector ring in white
- Rapid installation guaranteed with the unique spring assembly
- Luminaire and driver supplied as one complete item
- For ceiling 5-50mm thick
- Compatible with the Mirage LED Retro Fit solution (see page 21)

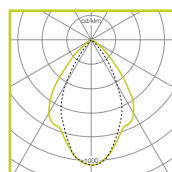
Order Codes

Nightingale LED	LED Head	3 hr Emergency
1100 lumen 4000K	NGD114KCFT	NGD114KCFTEM
2000 lumen 4000K	NGD204KCFT	NGD204KCFTEM

Options

3000K COLOUR TEMP	Replace 4K with 3K	i.e. NGD203KCFT
EASYTEST	Add suffix /ET	i.e. NGD203KCFT/ET
COMEPS	Add suffix /EP	i.e. NGD203KCFT/EP

Photometric Performance



- 17W LED
- LOR = 100%
- SHR MAX = 1.33

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.93	1.07	1.11



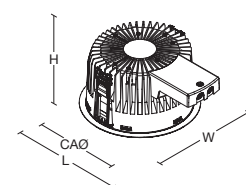
LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3000K	≥ 90	L ₇₀ (50,000hrs)	MacAdam 3 SDCM
4000K	≥ 90	L ₇₀ (50,000hrs)	MacAdam 3 SDCM

Equivalent Lamp Types

2000 Lumen Output
Compact fluorescent 1 x 32/42W
2 x 26W

Dimensions



L	W	H	CAØ	KG	KG
232	183	137	165	1.4	3.0

To Specify

Cast aluminium bodied LED centre ward down lighter with louvre for glare control at bedhead. For ceiling thicknesses of 5-50mm – as Whitecroft Lighting NIGHTINGALE LED