

nightingale LED

centre ward combined circulation/lighting LED luminaire



Optics

- Light Output Options:
 - 1100 lumens (12W*)
 - 2000 lumens (22W*)
 *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 driver options:
 - Analogue – 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)



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

Order Codes

Nightingale LED	Analogue	3 hr Emergency
1100 lumen 4000K	NGDR114KCFT	NGDR114KCFTEM
2000 lumen 4000K	NGDR204KCFT	NGDR204KCFTEM

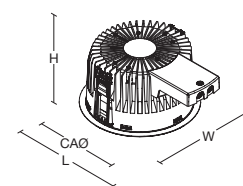
Options

DALI	Replace R with Y	i.e. NGDY114KCFTEM
3000K COLOUR TEMP	Replace 4K with 3K	i.e. NGDR203KCFT
EASYTEST	Add suffix /ET	i.e. NGDR203KCFT/ET
COMEPS	Add suffix /EP	i.e. NGDR203KCFT/EP

Equivalent Lamp Types

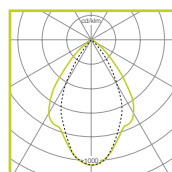
2000 Lumen Output	
Compact fluorescent	1 x 32/42W 2 x 26W

Dimensions



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

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

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