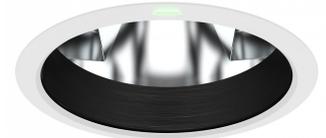


# Nightingale M3

Specialist Healthcare downlighter for maximum patient comfort and infection control



Nightingale M3 Emergency

## Overview

Nightingale M3 is a new generation of specialist recessed downlighter for Healthcare applications. Constructed from a number of components common with the Mirage M3 family, creating a consistent family visual.

Nightingale is a sustainable solution with ease of disassembly and simple light engine upgradability when required in the future. Maximum patient comfort and well being is achieved using a specially designed twin blade louvre and internal baffle using additive manufacturing methods. This creates a blend of technologies using the local supply chain and minimising potential waste.

## Optics

- Light Output:
  - 4000K - 1107 lumens, 15.5W
  - 4000K - 1617 lumens, 24.4W
  - 3000K - 1014 lumens, 15.5W
  - 3000K - 1488 lumens, 24.4W
- Emergency Output: 285 Lumens
- Ra90 colour rendition for best practice in healthcare activities
- 4000 and 3000K colour temperatures
- Specular reflector delivering optimum control of lighting distribution
- Twin blade technical louvre providing full glare control at the bedhead and uniform lighting in circulation spaces
- Internal black baffle eliminates reflected image of the light source

# Body

- Full disassembly possible for future upgrades
- Injection moulded polycarbonate body
- Narrow white bezel, colour RAL9003
- Factory fitted IP65 clear diffuser
- Tp(a) rated diffuser material
- Discrete emergency LED indicator
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling
- Compatible with the Mirage 3 Retrofit kit to suit existing apertures for project upgrades
- Simply switched by the user between 'Day' and 'Night' settings using DALI controls.
- The 'Day' position delivers 100% light output for general area circulation lighting and the 'Night' position will provide the 5 lux required for night-time circulation
- To be used in conjunction with DALI or Air Control connected solutions (power supply and wall switch). Contact Whitecroft Technical for full details. Onsite commissioning is required
- Retrofit versions with analogue control gear for previously supplied projects can be supplied on request

## Order codes

			B50			
Description	Order Code	3hr Emergency	LL/CW	L70	L80	L90
4000K, 1102 lumens, 13.3W, DALI	NGY24K	NGY24KLEM	82	> 100k	> 100k	65k
3000K, 935 lumens, 13.3W, DALI	NGY23K	NGY23KLEM	70	> 100k	> 100k	65k

## Options

Description	How to change code	Example
COMEPS DALI Emergency	Add suffix 'EP'	ie. NGY24KEP

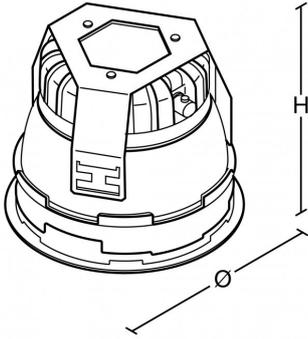
## Accessories

Retrofit kit	M3REFIT
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## LED Performance

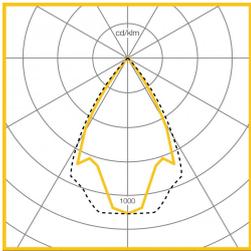
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
4000K	90	100,000hrs	MacAdam 4 SDCM
3000K	90	100,000hrs	MacAdam 3 SDCM

## Dimensions



VERSION	H	KG	KG(EM)	Ø	CAØ
Nightingale M3	145	1.0	2.0	173	165

## Photometric Performance



4000K LED, 1107  
lumen  
LOR = 100%  
SHR MAX = 1.17

## To Specify

Specialist recessed downlighter for hospital bed area applications. With specular reflector, technical louvre and internal baffle to achieve optimum cut-off angle, limiting illuminance at the bedhead for maximum patient comfort. The Ra90 LEDs produce high quality colour rendition for best practice during healthcare activities. Supplied with fitted clear IP65, Tp(a) rated polycarbonate diffuser for ease of cleaning. DALI driver to enable simple lighting control which can be offered from the Whitecroft range - as Whitecroft Lighting NIGHTINGALE M3