

Concert MRI

Downlighter for MRI scanning rooms



Optics

- 4000K
- 54° beam angle for maximum room surface illumination
- MRI500 - 7 LEDs running at 350mA = 9.0w system power
- MRI1000 - 7 LEDs running at 700mA = 16.5w system power
- High quality, single bin LEDs with only a 4 Macadam ellipse tolerance
- Lower point brightness due to the unique LED arrangement
- Specifically designed lens array to produce a precise beam control and high colour rendering index

Body

- Luminaire body and housing free from metallic magnetic materials
- Modular design utilising either a 500 or 1000 lumen LED package
- Supplied with an inline linear constant current regulator to connect to 24V system
- Finished in white
- For ceiling thickness: - 2 to 20mm
- Driver and head to be ordered separately

Driver

- Two options with 1-10V dimming available 185 or 320W constant voltage (24V)
- Driver capacity outlined below:

	500 lumen	1000 lumen
185W Driver	up to 20	up to 10
320W Driver	up to 35	up to 17

Order codes

1000 Lumen Output

B50					
1000 Lumen Output	Fixed Output	LL/CW	L70	L80	L90
LED 1 x 1000 lumen 4000K	CNMR10004KFLW	62	>60K	>60K	60K

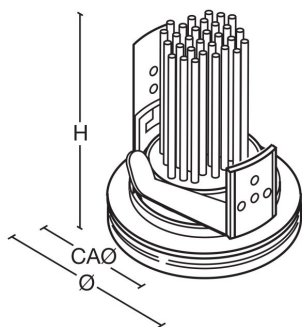
500 Lumen Output

B50					
500 Lumen Output	Fixed Output	LL/CW	L70	L80	L90
LED 1 x 500 lumen 4000K	CNMR5004KFLW	66	>70K	>70K	70K

Drivers

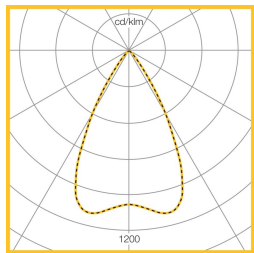
185W.	CNMRI185W
320W.	CNMRI320W

Dimensions

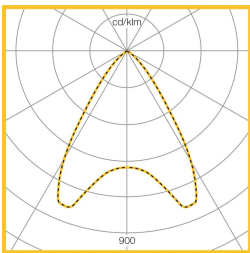


VERSION	H	KG	Ø	CAØ
Fixed	100	0.84	90	80

Photometric Performance



500 54°4000K
475 Lumen
LOR = 100.0%
SHR MAX = 1.17



1000 54°4000K
1120 Lumen
LOR = 100.0%

To Specify

Recessed high output single bin LED downlight for MRI scanning rooms. Luminaire body and housing free from metallic magnetic materials. For ceiling thicknesses of 2-20mm, head and driver to be ordered separately as Whitecroft Lighting CONCERT MRI 500 / MRI 1000