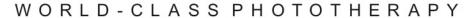
EXCELLENCE







	EXCELLENC	
Integrated Light Meter (available)	✓	
LED Lifetime	>10,000 hours	
LED Intensity	>40µW/cm²/nm	
High & Low Settings	✓	
Peak Wavelength of Light	450- 455 nm	
Tilting Head	0–90°	
Adjustable Height	✓	
Therapy Timer	✓	
Backlit LCD	✓	
Observation Lights (available)	✓	
No Maintenance Cooling (no fan)	✓	
CE Mark	✓	
Product Launch Date April 2022		

World-Class Treatment

- ☐ Emission spectrum445–470nm(FWHM)
- □ Uniform intensity >40µW/cm²/nm
- ☐ Effective treatment area 50cm x25cm

Integrated Design

Excellence is designed for versatility of use. Brilliance can be integrated with other critical medical equipment such as infant warmers, incubators, and nearly any variety of bassinet.

Energy Efficient

Excellence consumes less than half the power of CFLs.

Minimal Maintenance

Excellence LEDs last 60x longer than compact fluorescent lamps (CFL) commonly used in phototherapy devices. With Excellence, hospitals can save over \$240 USD per year on costly bulb replacements. Also, Excellence uses a medical-grade power supply and can withstand a wide range of power fluctuations without changes in device performance.

Make in India, designed in India





	Peak wavelength Emission spectrum Effective surface area Irradiance ratio			
			450 -455nm	
			445–470nm (bounds of FWHM range)	
			50cm x 25cm (at recommended treatment distance)	
			>0.4 (minimum /maximum irradiance)	
	Time totalizer		Machine run time totalizer + Therapy time totalizer	
	LCD		Backlit	
Physical / Electrical				
Overall Dimensions		Height x Width x Depth: 123cm x 49cm x 49cm		
Light Unit Dimensions		Length x Width x Depth: 37cm x 28cm x 7.5cm		
Total Unit Mass		12 kg		
Footprint of Stand		Length x Width x Depth: 49cm x 49cm x 12cm		
Height of base		< 10cm		
Castors		4 castor in 2"		
Height adjustment range		118cm–165cm (distance between bottom surface and ground)		
Recommended treatment distance		45cm		
Electrical supply		(Medical grade)		

100 - 240 VAC ~

50/60Hz

65 W

Performance

Illumination source

Peak spectral

irradiance

Voltage

Frequency

Max power

consumption

Blue LEDs +

observation lights

>40µW/cm²/nm at recommended

treatment distance

measured with Ohmeda Medical BiliBlanket II Meter

www.breathemedicalsystems.com

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breatheoffice98@gmail.com

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