

# BrainLit Alven™



## BrainLit Alven

BrainLit Alven is a connected free-standing LED lighting solution that uses BioCentric Lighting™ to simulate the important aspects of daylight<sup>1</sup>. Light exposure synchronizes the body's circadian rhythm<sup>2</sup>. BioCentric Lighting is a natural, non-pharma and scientifically supported intervention that can improve the day-to-day lives of care residents and staff.

# Specifications

## LIGHT PROPERTIES

Light source type	Optimized LED
LED color temperature	6500K–2700K
Color rendering	CRI Ra >90
Lumen output	6400lm
Beam angle	110°
Flicker handling	Compliant with IEEE1789
Motion detection	PIR

## POWER PROPERTIES

Maximum rated power	120W
Supply voltage range	120–250V
Supply power frequency	50/60Hz
Efficiency LED driver	>90 %
Power supply	Wall plug

## MECHANICAL PROPERTIES

Colors	White matte
Material	Aluminum + PMMA
Lifespan	50 000 hours
Configuration	Floor standing, backlit LED
IP rating	20 (IP41 with accessory)
Certifications	CE, FCC

## MEASUREMENTS / PACKAGING

Weight (kg)	22
Size LxWxH (mm)	680x709x1912
680x709x1912	3
Boxed size LxWxH (mm)	1: 723x723x163, 10,3 kg 2: 1978x167x107, 7,4 kg 3: 690x609x10, 10,3 kg
Boxed weight (kg)	28



1. BrainLit data on file. Test reports: BLT\_CircSti\_23649323
2. <https://www.sleepfoundation.org/circadian-rhythm/can-you-change-your-circadian-rhythm>

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