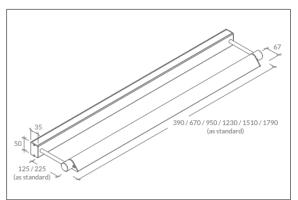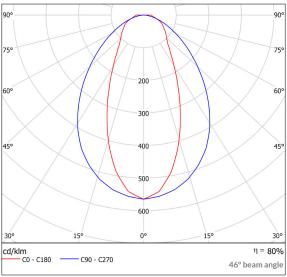# B-Line / Integral / Wave

B-Line/Integral/Wave offers all the features of B-Line/Wave, with the added benefit of a surface mounted box housing the LED driver and power connections. Ideal when mounting to brick or plasterboard walls, or on top of bookcases when it is not possible to fix directly to the front face of the shelving.

B-Line/Wave provides superb low-glare illumination down the bookcase or display unit, with a highly efficient LED and narrow-beam lens concealed inside the low profile Wave shade.

product details

Description:	Low glare linear lighting system for library shelving, retail display, gallery and museum applications.
Mounting:	Direct mount to wall, bookcase or ceiling
Material:	Aluminium/steel/PMMA
Weight:	2.2kg (950mm)
Power supply:	Integral Class I SELV LED driver
Certification:	Luminaire – CE,
	LED driver – CE (UL Listed, CCC etc upon request)

technical specification

LED operating current:	806mA/m
LED operating voltage:	24V DC constant voltage
Total system power:	390mm = 8.4W | 670mm = 12.4W | 950mm = 18.6W | 1230mm = 24.5W | 1510mm = 32.2W | 1790mm =36.1W | 2070mm = 46W
Control:	Non-dimmable / DALI / 1-10V / Phase
Lifetime:	L70 F10 >60,000hrs (@ 25°C ambient)

optical specification

Total lumen output:	390mm = 637lm | 670mm = 1134lm | 950mm = 1753lm | 1230mm = 2268lm | 1510mm = 2887lm | 1790mm = 3506lm | 2070mm = 4021lm
Luminous efficacy:	92.6lm/W (@ 1230mm 4000K)
Light output ratio:	80%
Beam angle (FWHM):	46° / 116° / 124°
Colour temperature:	2700K / 3000K / 4000K
CRI:	90
MacAdam step:	3

finishes

Powder coated:	Matt silver / matt black / satin black RAL 9005 / white RAL9016 / bronze / other finishes on request
Plated:	Brushed stainless steel / brushed chrome / polished chrome / polished brass / brushed brass / antique bronze / other finishes on request

fixings

Wall mount:	Stems project from the 50mm box face. 4 x Ø4.5mm holes for the fixing screw
Bookcase mount:	Stems project from the 35mm box face. 4 x Ø4.5mm holes for the fixing screw