B-Line / OneBeam

B-Line/OneBeam is a cost effective and flexible solution for double-sided desks up to 1600mm wide. Mounted along the centre of the desk, the slim Ø32mm shade hides a wide angle extruded lens and high-brightness LED which provides excellent illumination across the whole work surface.

Available in standard and bespoke lengths covering up to 2m in a single span, the product can also be seamlessly joined together to fit any desk configuration.

product details

Description:	Linear LED desk lighting for schools, offices, libraries and co-working spaces
Mounting:	Direct mount through the desk surface
Material:	Aluminium/steel/zinc/PMMA
Weight:	1.4kg (950mm)
Power supply:	Remote Class II SELV LED driver
Certification:	Luminaire – CE, LED driver – CE (UL Listed, CCC etc upon request)

technical specification

LED operating current:	594mA/m
LED operating voltage:	24V DC constant voltage
Total system power:	390mm = 5.5W | 670mm = 9.5W | 950mm = 14.5W | 1230mm = 18.5W | 1510mm = 23.5W | 1790mm = 28W | 2070mm = 32W
Control:	Integral or remote on/off touch switch / Non-dimmable / DALI / 1-10V / Phase
Lifetime:	L70 F10 >60,000hrs (@ 25°C ambient)

optical specification

Total lumen output:	390mm = 425lm | 670mm = 775lm | 950mm = 1200lm | 1230mm = 1555lm | 1510mm = 1975lm | 1790mm = 2400lm | 2070mm = 2755lm
Luminous efficacy:	84lm/W (@ 1230mm 4000K)
Light output ratio:	80%
Beam angle (FWHM):	116°
Colour temperature:	3000K / 4000K
CRI:	80
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

Desk mount:	W1 – Ø20mm surface washer with M16 allthread and locknut
Plate:	Custom steel plate to bridge gap down the centre-line of desks

116° beam angle