

Wave / OneBeam / Diffuser

Wave/OneBeam is a cost effective and flexible solution for double-sided desks up to 1500mm wide. Mounted along the centre of the desk, the concealed opal diffuser provides glare-free, comfortable illumination across the 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 glare free desk lighting for schools, offices, libraries and co-working spaces
Mounting:	Direct mount through the desk surface
Material:	Aluminium/steel/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

(4000K 80CRI LED)

LED operating current:	545mA/m
LED operating voltage:	24V DC constant voltage
Total system power:	670mm = 8.4W 950mm = 12.5W 1230mm = 16.5W 1510mm = 20.6W 1790mm = 26W 2070mm = 29W
Control:	Integral or remote on/off touch switch / Non-dimmable / DALI / 1-10V / Phase / CASAMBI
Lifetime:	L70 B10 >60,000hrs (@ 25°C ambient)

optical specification

(4000K 80CRI LED)

Total lumen output:	670mm = 834lm 950mm = 1290lm 1230mm = 1668lm 1510mm = 2124lm 1790mm = 2579lm 2070mm = 2958lm
Luminous efficacy:	101lm/W (@ 1230mm 4000K)
Light output ratio:	82%
Beam angle (FWHM):	124°
Colour temperature:	3000K / 4000K
CRI:	80 / 90 / 95+
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 - Ø24mm surface washer with Ø13mm through-desk fixing
Plate:	Custom steel plate to bridge gap down the centre-line of desks

