

LOTUS Versus Fluorescent



LOTUS LED Line Light offers many advantages over standard high output linear fluorescent lighting:

- Lifetime:** Up to 7 X Longer lifetime
- Intensity:** Up to 8 X intensity of standard high output linear fluorescent lighting
- Maintenance:** Maintenance free operation
- Colour temperature:** Stable over lifetime
- Uniformity:** Excellent
- Ballast:** No ballast required
- Control:** Integrated intensity and on/off control - no controller required.
- Optical Options:** Available in a range of optical configurations
- Length:** Available in any length up to 5 metres (to the nearest 100mm)



LOTUS provides a 7 X longer lifetime than standard high output fluorescent without the need for costly re-lamping.

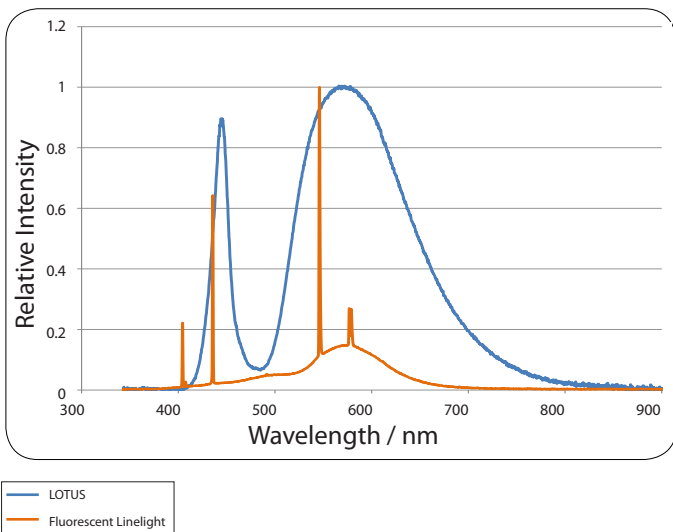
With up to 8 X greater intensity it also provides the potential to significantly improve throughput.

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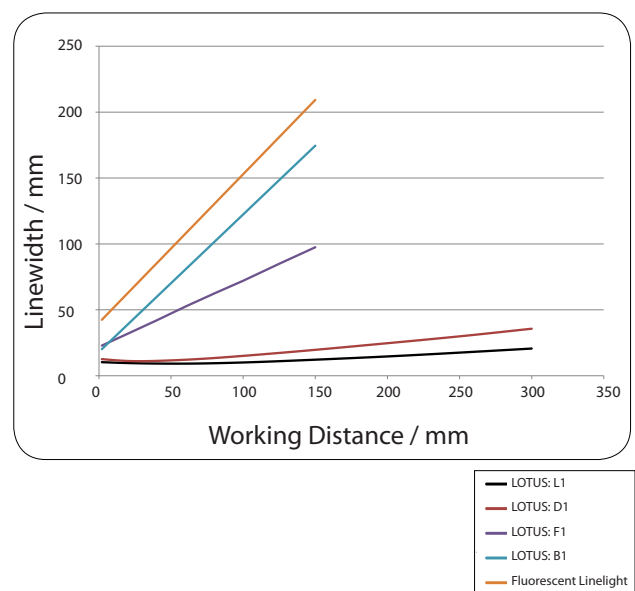
LOTUS is available in a range of optical configurations to suit your application requirements

Optical Configuration		Application
F1	30° x 4° diffuser	Frontlight
B1	60° diffuser	Backlight
L1	Collimating lens	Higher intensity/ Longer working distances
D1	Collimating lens + F1 Diffuser	

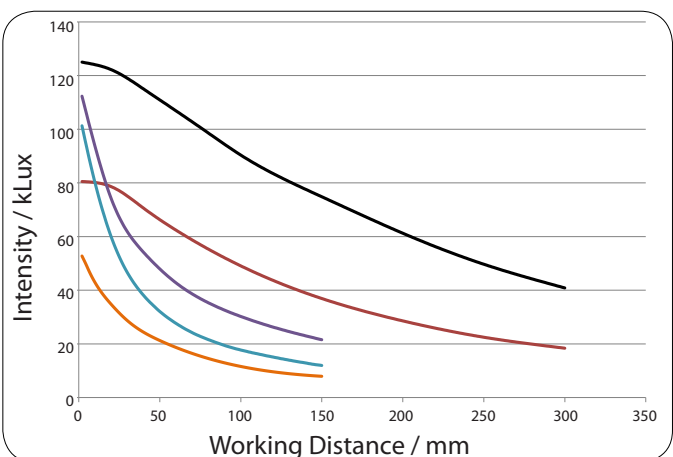
Spectral Comparison



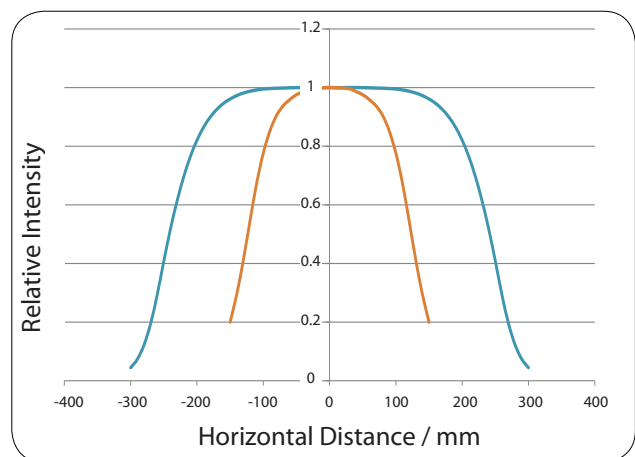
Beam Width Versus Working Distance



Intensity Versus Working Distance



Uniformity



Note: 500mm LOTUS unit versus 260mm fluorescent line light