



## Specification

Parameter	VLX1
Line uniformity	> 95%
Standard line light lengths	100mm, 200mm, 300mm, 400mm, 500mm, 1000mm, 1200mm, 1500mm, 2000mm. Other lengths available on request
Working distance	37mm fixed or 90mm to 150mm variable Other options available.
Line Thickness at Working Distance	3mm (37mm WD)
Supply Voltage	24V to 26VDC
Supply current at 100% brightness	10A per metre maximum*
Control/Communication	RS232
Modulation Input	5V to 24V opto-isolated
Healthy output	Open collector switching 24V, 100mA
Lifetime (degrade to 70% brightness)	>50000 hours at 100% (depends on ambient temp)
Width	41mm
Height (37mm WD)	95mm (plus cable entries)
Length	Lighting length plus 20mm
Mounting	4 x M5 tapped holes
Weight	Dependent on Length
Operating Temperature	-20°C to +50 °C (will affect intensity performance)
Storage Temperature	-20°C to +70 °C
Environmental Protection	IP50 standard, others on request



Colour	Peak Wavelength	Luminous Flux per metre*	Max Luminous Intensity at 3mm Line Thickness*
White	Colour temperature 5500K	16000 lm	1600 kLux
Green	530nm	12000 lm	1200 kLux
Red-Orange	617nm	7000 lm	720 kLux
Red	627nm	7000 lm	720 kLux
Blue	470nm	2500 lm	360 kLux
IR	740nm	24 W	-
	850nm	20 W	-
	940nm	Enquire	-
UV	365nm	Enquire	-
	395nm	30 W	-

\* Assumes ambient cooling is sufficient to achieve 100% output

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