

EL163

Line Light



- Aii** Designed for use with line scan cameras
- Aii** Available in 38mm (1.5") increments up to 80"

Ordering Information

Standard Product Variation:
Shipped Within Three Weeks

Lighted Length (# of LEDs)	Lens Type	Spectral wavelength	Optional power Compatibility	Alternative Connector
EL163 XXX	X	XXX	XX	XXX
6 LEDs = 38mm (1.5")	A (UV)	395 [◇]	IC	M12*
	B (blue)	470 [†]	IS [△]	
	D (green)	520 [†]	C2	
	E (yellow)	590	C3	
	(orange)	625	C5	
	(red)	660	12	
	(infra-red)	880	24	
	(white)	WHI [†]		

Lens & Aiming Information

	Lens Type A	Lens Type B	Lens Type D	Lens Type E
Working Distance	25mm	50mm	75mm	125mm
Line Width	6mm	9.5mm	13mm	16mm

IC = iCS (requires 24v power supply)
IS = iSU (requires 24v power supply) △ 660 & 880: 110 LEDs max.; WHI, 470 & 520: 220 LEDs max. Must be divisible by 4, 5, or 6

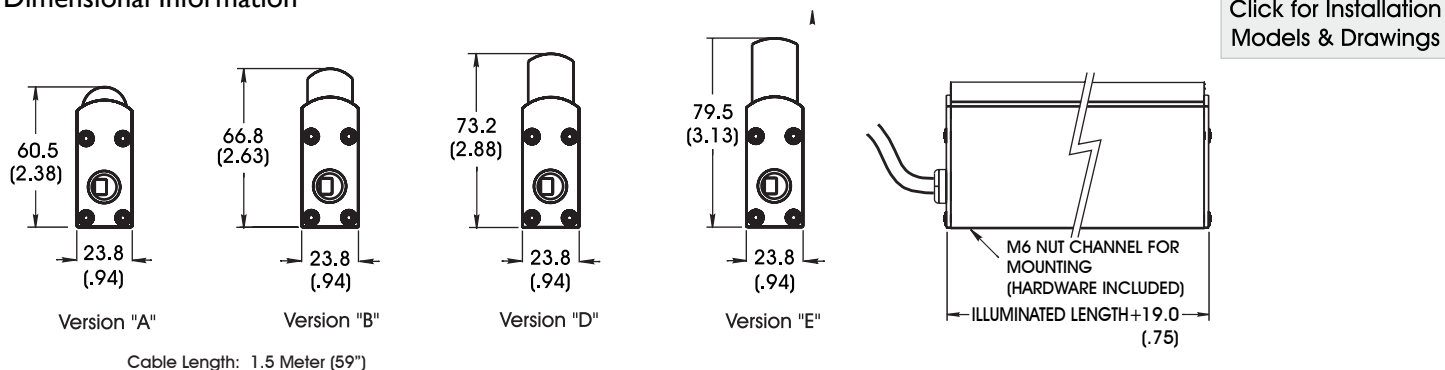
C2 = Ai Connector
C3 = Pulsar 710 Connector
C5 = Pulsar 320 Connector
* Available with IC and 24v options only

† Not available in 12v

◇ UV LEDs have a considerably shorter half-life than other LEDs (<1000hrs). For this reason Ai recommends these LEDs be used in strobe mode only. For applications requiring continuous 24v power, contact Ai for assistance.

Built-to-order lights are non-returnable.

Dimensional Information



Current Specifications

Maximum draw per 38mm (1.5") length

	blue	green	yellow	orange	red	infra-red	white	RGB	
@12	N/A	N/A	60	60	60	60	N/A	N/A	mA
@24	30	30	30	30	30	30	30	N/A	mA

Product Information

Product Lifetime:	10,000 hours (White) 50,000 hours (Red)
Operating Temperature:	0-60° C