

EL115

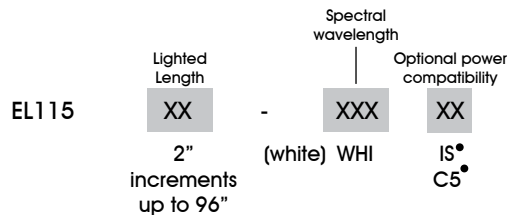
Expandable Wash-Down Linear Array

- Aii** Linear illumination in a NEMA 4X grade, field-replaceable enclosure
- Aii** Available in 2" increments up to 96"
- Aii** *Strobe only*



Ordering Information

Standard Product Variation:
Shipped Within Two Weeks



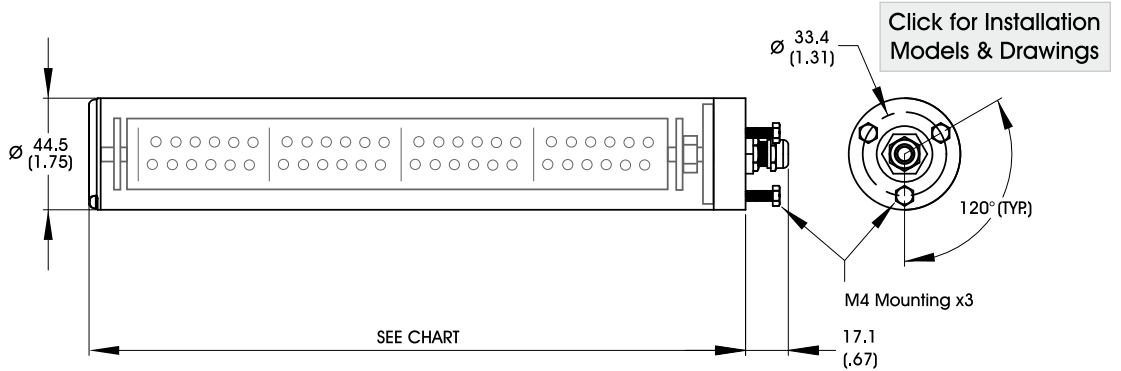
IS = ISU (requires 24v power supply)
C5 = Pulsar 320 Connector

- Not available with all lengths

Built-to-order lights are non-returnable.

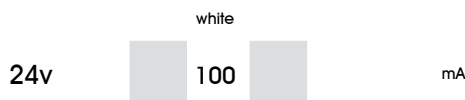
Dimensional Information

EL115	
PART NUMBER	LENGTH IN MM
EL11504	172.5 (6.8)
EL11506	223.3 (8.8)
EL11508	274.1 (10.8)
EL11510	324.9 (12.8)
EL11512	375.7 (14.8)
EL11514	426.5 (16.8)
EL11516	477.3 (18.8)
UP TO EL11596	2509.3 (98.8)



Current Requirements

Maximum draw per each 50mm (2") segment



Standard Product Information

Product Lifetime: Unlimited due to strobing

Operating Temperature: 0-60° C



inline Strobe Unit

Built-in Strobe



- Aii** Built into the power cable
- Aii** Manual potentiometer adjustable range of 30 to 300 μ Sec output pulse-width
- Aii** Timing Bypass Option



shown with the RL121

The ISU (Inline Strobe Unit) is a small, lightweight strobe source designed to drive LED light assemblies up to a maximum current of 12A (pulse-width dependent). The unit resides outside of the associated light head being placed “inline” with the light head power cable. Maximum light head drive current is set at the factory for a given light source while a user adjustable range of 30 to 300 μ Sec output pulse width is available (via potentiometer or through trigger pulse width). The unit is designed to operate with a DC input voltage of between 18 and 35 volts.

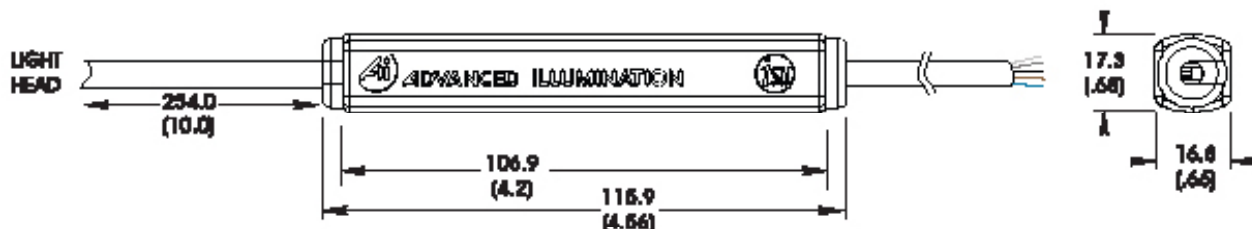
The unit has two triggering modes of operation:

Fixed Trigger Mode: Selectable pulse width range of 30-300 μ Seconds that is accessible via user-adjust potentiometer.

Timing Bypass Trigger Mode: Output Pulse width follows the width of input trigger. User-adjust potentiometer sets the maximum.

An active high and active low input trigger is available. External wire (mode select) must be connected to GND (0V in this case) in order to select timing bypass model.

Dimensional Information



The ISU is not detachable. Standard location is 10" from the light head; if necessary, a different cable length and / or ISU location can be specified when ordering. Standard Cable Length (including ISU) is 1.5M (59").

DIMENSIONS ARE IN MILLIMETERS (INCHES)

ISU SPECIFICATIONS

Parameter	Specification	Notes
Input Voltage Range	+18 to 30VDC	
Strobe output	0 - 12A*	* Pulse-width/Light head dependent
Current Output Adj.	Min to Max Current adj. as established by factory setting	Maximum current set assuming 300µSec operation
Max. Input Current	1.1A	Approx 100ma local
Trigger	Active HI: WHITE Active LO: BLACK	TTL compatible, 30VDC tolerant
Max. Output Voltage	= Vin - 1v	
Mechanical & Environmental		
Power Indicator	Red LED is used to indicate power is being supplied	
Storage Temperature	-40 to +125C	
Operating Temperature	0 to +70C	
Housing Material	High Impact Polycarbonate	
Weight	Approx 1.7 oz	Cable Not Included
Size	Approx 4.55L x 0.67W x 0.70H	Inches

ISU PINOUT

BROWN	VIN +
BLUE	VIN -
WHITE	Active high trigger input
BLACK	Active low trigger input
GRAY	Trigger Mode Select: Connect to 0V to enable timing bypass. Leave floating for fixed trigger mode

ISU TRIGGER MODES

