

NEW

PowerMizer®

**Energy Efficient, High Quality,
LED Lighting Products**

**SERIES RLA
CUSTOM LINEAR ARRAYS
with LUXEON REBEL® LEDs**

Prolume Series RLA Linear Arrays allow the custom design of hi-flux LED lighting in interior applications including cove and accent lighting, case lighting, edge lighting, wall raking and more. Key features include...

- **LUXEON Rebel® LEDs**
ANSI binned white light in a range of temperatures from 2700°K to 6500°K with typical CRI of 70 and 85. Colored light in red, blue, green, amber and cyan also available.
- **Light Distribution**
Available with or without optics to provide patterns from 15° narrow to 150° wide including elliptical.
- **Circuit and Thermal Management**
Uniquely designed circuit in a 24VDC convention allows series / parallel LED groupings to permit custom fixture lengths. Temperature compensation and wiring boards that are thermally bonded to fixture assemblies insure minimum 50,000 hour LED life to 70% LM.
- **Array Styles**
Arrays are custom to specific application lengths and can be provided in laser cut tubes, "U" channels, flat channels or other fixture designs tailored to the application requirements. Fixture colors are custom (specify).



- **Power**
7.6 watts per foot @ 350mA. A full range of LED drivers for Class 2 wiring methods are available. See separate catalog section.
- **Luminous Intensity (Typical)**
 - 2700°K – 438 lumens / foot
 - 3000°K – 462 lumens / foot
 - 3500°K – 480 lumens / foot
 - 4000°K – 510 lumens / foot
 - 5000°K – 630 lumens / foot
 - 5700°K – 630 lumens / foot
 - 6500°K – 630 lumens / foot
- **Dimming**
When dimming is specified, a third wire is provided in the wiring termination to accept a 0-10VDC signal from a dimming controller (by others). See wiring diagram and notes under Technical Information.

Fixture Schedule

TYPE	Model Number

Job:

Remarks:



HIGHLY INNOVATIVE • TECHNOLOGY BASED • QUALITY LIGHTING PRODUCTS

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TECHNICAL INFORMATION

LED SELECTOR / ANSI Binned					OPTICS	
COLOR	CCT Nominal	CRI Typical	LED Ordering Suffix	Lumens / LED @ 350mA*	Viewing Angle	Order Suffix
Warm White	2700°K	85	W827	73	40° Wide (DIFFUSED)	W
Warm White	3000°K	85	W830	77	15° Spot (DIFFUSED)	S
Neutral White	3500°K	85	N835	80	50° x 10° ELLIPTICAL	E
Neutral White	4000°K	85	N840	85	CLEAR LENS FOR "F" AND "U" CHANNELS	C
Cool White	5000°K	70	C750	105	DIFFUSED LENS FOR "F" AND "U" CHANNELS	D
Cool White	5700°K	70	C757	105	"F" CHANNEL FIXTURES WITH NO OPTICS HAVE 150° DISTRIBUTION	N
Cool White	6500°K	70	C765	105		

Other LEDs with different CCT, CRI and drive current values may be available. Color LEDs in red, green, blue, amber and cyan also available. CONSULT FACTORY

ARRAY STYLES

FLAT CHANNEL (Suffix "F")	U-CHANNEL (Suffix "U")	TUBE HOUSING (Suffix "T")

ORDERING...

SERIES – LENGTH, ARRAY STYLE, LENS – LED SUFFIX – OPTIC SUFFIX / TERMINATION*

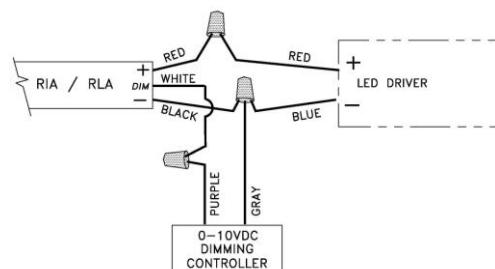
(* - See separate catalog page for termination options)

Example...

MODEL RLA-45UC-N740-E/10TD

RLA fixture, 45" L, U-Channel with Clear lens, Neutral white LEDs, 70 CRI, 4000°K CCT, Elliptical optics, 10' Tray cable termination leads for Dimming

Dimming Wiring



Note: the dimmer (controller) must be able to sink .5mA per foot of RLA fixture. Less than .5mA will be "off". If the controller cannot sink down to .5mA a separate control should be used to disconnect the AC from the driver to turn the fixture(s) completely off.