

NEW



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

**SERIES KLA
CUSTOM LINEAR ARRAYS
with LUXEON® K2 LEDs**

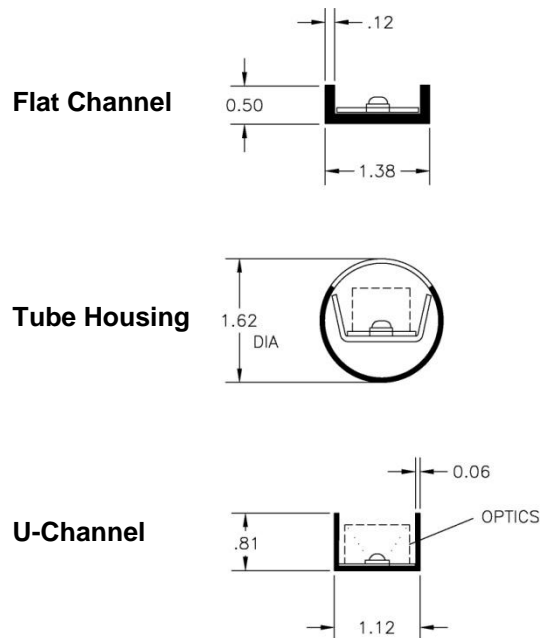
Prolume Series KLA Linear Arrays allow the custom design of hi-flux LED lighting in interior applications including cove and accent lighting, display case lighting, raking and more. Key features include...

- **LUXEON K2 LEDs**
Colored light available in 6500°K, 4100°K and 3000°K white, as well as blue, green, red, amber and cyan.
- **Light Distribution**
Available with or without optics to provide patterns from 10° narrow to 160° wide.
- **Circuit Management**
Uniquely designed printed circuit boards, in 24VDC constant voltage conventions, allow LEDs to be grouped in series/parallel configurations that permit custom fixture lengths. Temperature compensated for thermal management of LEDs. Dimming option available (specify).
- **Thermal Management**
Wiring boards / LED assemblies are thermally bonded to fixture assemblies over their entire surface area to ensure 50,000 hour / 70% lumen maintenance LED performance.
- **Array Styles**
Arrays are custom to specific application lengths and can be provided in laser cut aluminum tubes, "U" channels, flat channels or other custom fixture designs depending on application. Fixture colors are custom (specify). Consult factory for other options.
- **Electrical**
A full range of LED drivers are available using Class II wiring methods. See separate catalog sheets or consult factory.



- **Power**
8.4 watts per foot
- **Luminous Intensity (2" Pitch)**
6500°K – 312 Lumens per foot
4100°K – 312 Lumens per foot
3000°K – 240 Lumens per foot

Dimensions (Inches)



Fixture Schedule
Type

Model Number

Job:

Remarks:



HIGHLY INNOVATIVE • TECHNOLOGY BASED • QUALITY LIGHTING PRODUCTS

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Technical Information / Ordering

LED SELECTOR					
COLOR	CCT or Wave Length	Min. Flux/LED (Lumens)*	Current	Radiation Pattern	Suffix
Cool White	6500°K	52	350 mA	Lambertian	CW
Neutral White	4100°K	52			NW
Warm White	3000°K	40			WW
Red	627 nm	52			R
Amber	590 nm	40			A
Green	530 nm	52			G
Cyan	505 nm	52			C
Blue	470 nm	14			B

*Measured at 25°C LED junction temperature.

OPTICS (LENS) SELECTOR			ARRAY STYLE		
Type	Pattern	Suffix	Type	Description	Suffix
Spot	10°	S	Tube	Laser Cut Tube	T
Medium	30°	M	Channel	“U”-Channel	U
Wide	50°	W	Flat	Flat channel	F
No Lens	Lamb / 160°	L	Custom	Custom fixture	C

Ordering Information

Specify...

SERIES - LENGTH/STYLE – PITCH - COLOR/OPTICS – FINISH / TERMINATION

Example...**KLA-66U-2-CWS-W/10TD**

Fixture with LUXEON K2 cool white LEDs, 66” length, “U”- Channel housing, 2” pitch (LED spacing), 10° optic, white finish and 10’ tray cable home run leads for dimming.

Ordering Options (Specify)

- Tray cable termination
- 18 AWG termination
- Fixture finish
- LED pitch (Consult Factory)

DIMMING

An additional buss rail in the wiring board allows fixtures to be dimmed. When specified, a third wire is provided to accept a 0-10VDC signal from the dimmer (system or wall pack). Wiring is as follows...

