



# LUXEON XF-3535L

*Turnkey solution on flexible substrate  
with optimized performance and uniform  
light distribution*



LUXEON XF is a family of fully of integrated solutions optimized for lighting applications requiring linear arrays that can easily fit into any luminaire housing form factor. The turnkey solution minimizes time to market and simplifies supply chain by reducing optical and mechanical design efforts. Combined with LUXEON 3535L emitters, LUXEON XF-3535L provides the same powerful optical performance guaranteed by LUXEON LEDs. The overall solution delivers optimized performance in combination with the quality of light needed for distributed light source applications.

## Features

- Integrated solution
- Flexible substrate
- Backside adhesive
- With LUXEON 3535L LEDs
- Multiple strip length and voltage options

## Benefits

- Simplified supply chain
- Freedom of design
- Easy mounting and assembly
- Full Range of CCTs and CRIs
- Accommodates multiple form factors and driver options

## Key Applications

- T-LED
- Under Cabinets
- Troffers
- Accent Lighting
- Decorative

## Physical Configurations

Part Number	LED Count	Flex Strip Length (mm)	Flex Strip Width (mm)	LED Pitch <sup>(1)</sup> (mm)	Electrical Configuration	Electrical Connection
L235-xyyAHLGBAAC0	36	600	10	16.67	6 Parallel x 6 Series LEDs	Tin Contacts
L235-xyyAHLGBBAC0	36	600	10	16.67	6 Parallel x 6 Series LEDs	IDC Connectors
L235-xyyAHLCBAAAC0	36	300	10	8	6 Parallel x 6 Series LEDs	Tin Contacts
L235-xyyAHLCBBAAC0	36	300	10	8	6 Parallel x 6 Series LEDs	IDC Connectors
L235-xyyAMLF5WAD0	56	525	5.25	8.45	8 Parallel x 7 Series LEDs	IDC Connectors
L235-xyyAULM5JAI0	108	1150	5.25	10	9 Parallel x 12 Series LEDs	IDC Connectors

### Notes:

- LED pitch is measured from optical center to optical center of neighboring LED packages.

## Product Selection Guide

Typical Performance Characteristics at 100mA/LED with a Junction Temperature = 25°C							
Part Number	Nominal ANSI CCT	CRI	Nominal Drive Current (mA)	Luminous Flux		Forward Voltage Typical (V)	Efficacy Typical (lm/W)
		Minimum		Minimum (lm)	Typical (lm)		
L235-2280AHLxByAC0 L235-2280AMLF5WAD0 L235-2280AULM5JAI0	2200K	80	600 800 900	1080 1680 3240	1206 1876 3618	18 21 36	112
L235-2790AHLxByAC0 L235-2790AMLF5WAD0 L235-2790AULM5JAI0	2700K	85	600 800 900	1080 1680 3240	1224 1904 3672	18 21 36	113
L235-2780AHLxByAC0 L235-2780AMLF5WAD0 L235-2780AULM5JAI0	2700K	80	600 800 900	1368 2128 4104	1476 2296 4428	18 21 36	137
L235-3080AHLxByAC0 L235-3080AMLF5WAD0 L235-3080AULM5JAI0	3000K	80	600 800 900	1368 2128 4104	1512 2352 4536	18 21 36	140
L235-3580AHLxByAC0 L235-3580AMLF5WAD0 L235-3580AULM5JAI0	3500K	80	600 800 900	1512 2352 4536	1548 2408 4644	18 21 36	143
L235-4090AHLxByAC0 L235-4090AMLF5WAD0 L235-4090AULM5JAI0	4000K	85	600 800 900	1224 1904 3672	1368 2128 4104	18 21 36	127
L235-4080AHLxByAC0 L235-4080AMLF5WAD0 L235-4080AULM5JAI0	4000K	80	600 800 900	1512 2352 4536	1584 2464 4752	18 21 36	147
L235-5080AHLxByAC0 L235-5080AMLF5WAD0 L235-5080AULM5JAI0	5000K	80	600 800 900	1512 2352 4536	1692 2632 5076	18 21 36	157
L235-5780AHLxByAC0 L235-5780AMLF5WAD0 L235-5780AULM5JAI0	5700K	80	600 800 900	1512 2352 4536	1548 2408 4644	18 21 36	143
L235-5770AHLxByAC0 L235-5770AMLF5WAD0 L235-5770AULM5JAI0	5700K	70	600 800 900	1584 2464 4752	1692 2632 5076	18 21 36	157



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