



LUXEON XF-3535L

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



LUXEON XF-3535L is a fully integrated solution optimized for lighting applications requiring flexible linear LED 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 with electrical connectors, and backside adhesive for easy attachment to a heat sink. Combined with LUXEON 3535L LEDs, LUXEON XF-3535L provides the same powerful optical performance guaranteed by LUXEON LEDs.

FEATURES AND BENEFITS

1100–4530 lumen offerings gives you a range of options

Kitting delivers consistent performance

Complete integrated solution to simplify supply chain and faster time to market

Backside adhesive for attachment to heat sink allows for ease of mounting and assembly

Features LUXEON 3535L full range of CCTs and CRI configurations

Supports ENERGY STAR lumen maintenance certification

PRIMARY APPLICATIONS

Indoor Area Lighting

Specialty Lighting

LUXEON XF-3535L product performance at test current, $T_j=25^{\circ}\text{C}$.

NOMINAL CCT	MINIMUM CRI	LUMINOUS FLUX ⁽¹⁾ (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT (mA)	PART NUMBER
		MINIMUM	TYPICAL			
2200K	80	1080	1206	112	600	L235-2280AHLxByAC0
	80	1680	1876	112	800	L235-2280AMLF5WAD0
	80	3240	3618	112	900	L235-2280AULM5JAIO
2700K	80	1368	1476	137	600	L235-2780AHLxByAC0
	80	2128	2296	137	800	L235-2780AMLF5WAD0
	80	4104	4428	137	900	L235-2780AULM5JAIO
	85	1080	1224	113	600	L235-2790AHLxByAC0
	85	1680	1904	113	800	L235-2790AMLF5WAD0
	85	3240	3672	113	900	L235-2790AULM5JAIO
	85	3240	3672	113	900	L235-2790AULM5JAIO
3000K	80	1368	1512	140	600	L235-3080AHLxByAC0
	80	2128	2352	140	800	L235-3080AMLF5WAD0
	80	4104	4536	140	900	L235-3080AULM5JAIO
3500K	80	1512	1548	143	600	L235-3580AHLxByAC0
	80	2352	2408	143	800	L235-3580AMLF5WAD0
	80	4536	4644	143	900	L235-3580AULM5JAIO
4000K	80	1512	1584	147	600	L235-4080AHLxByAC0
	80	2352	2464	147	800	L235-4080AMLF5WAD0
	80	4536	4752	147	900	L235-4080AULM5JAIO
	85	1224	1368	127	600	L235-4090AHLxByAC0
	85	1904	2128	127	800	L235-4090AMLF5WAD0
	85	3672	4104	127	900	L235-4090AULM5JAIO
5000K	80	1512	1692	157	600	L235-5080AHLxByAC0
	80	2352	2632	157	800	L235-5080AMLF5WAD0
	80	4536	5076	157	900	L235-5080AULM5JAIO
5700K	80	1512	1548	143	600	L235-5780AHLxByAC0
	80	2352	2408	143	800	L235-5780AMLF5WAD0
	80	4536	4644	143	900	L235-5780AULM5JAIO
	70	1584	1692	157	600	L235-5770AHLxByAC0
	70	2464	2632	157	800	L235-5770AMLF5WAD0
	70	4752	5076	157	900	L235-5770AULM5JAIO

Notes:

1. Lumileds maintains a tolerance of $\pm 7.5\%$ on flux measurements.
2. Correlated color temperature is based upon mounted die on highly reflective surface at $T_j=25^{\circ}\text{C}$.