

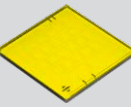
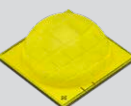
XLAMP® WHITE LEDs

- High-Power LEDs that deliver the industry's highest lumen density, efficacy & reliability
- XLamp XE-B LEDs feature a tiny 0.9 x 1.4 mm package for excellent mixing between multiple LED packages and higher intensity through secondary optics
- Pro9™ versions of XP-G4 & XHP35.2 deliver up to 10% higher lumens & LPW than Standard versions at 90 & 95 CRI

August 2026 (FS04R46)

Footprint (mm)	XLamp® LED		Version	Voltage Class	Max. Current (A)	Max Light Output (lm)	Light Source Size ¹	CCT Min	CCT Max	CRI Options			
0.9 x 1.4	XE-B		---	3V	1.0	306	<1 mm ²	2200K	6500K	70	80	90	
1.60	XQ-A		---	3V	0.5	90	<1 mm ²	2700K	6500K	70	80	90	
	XQ-E		High Intensity	3V	1.5	426	~1 mm ²	1800K	6500K	70	80	90	
			High Density	3V	1.5	431	~2 mm ²	1800K	6500K	70	80	90	
	XQ-E Plus		High Intensity	3V	1.5	424	~1 mm ²	2700K	6500K	70	80	90	
			High Density	3V	1.5	476	~2 mm ²	2700K	6500K	70	80	90	
	XD16		Premium White	3V	2.0	722	~2 mm ²	2200K	7000K	70	80	90	95
1.6 x 2.05	XE-G		---	3V	3.0	917	~2 mm ²	2200K	6500K	70	80	90	
2.45	XB-D		---	3V	1.0	328	~2 mm ²	2700K	6500K	70	80	90	
3.45	XP-E2		---	3V	1.5	435	~2 mm ²	2200K	7000K	70	80	90	
	XT-E		High Efficacy	3V	1.5	627	~2 mm ²	2200K	6500K	70	80	90	
	XP-P		<70 CRI	3V	3.0	767	~1 mm ²	5000K	7000K	<70			
			70+ CRI	3V	2.5	703	~1 mm ²	2700K	7000K	70	80	90	
	XP-G3		Standard	3V	2.0	769	2.3 x 2.3 mm	1800K	7000K	70	80	90	
			S Line	3V	2.0	803	2.3 x 2.3 mm	2200K	6500K	70			
	XP-G4		Standard	3V	3.0	1,130	2.1 x 2.1 mm	1800K	7000K	70	80	90	
			Pro9™	3V	2.0	695	2.1 x 2.1 mm	2700K	4000K			90	95
			High Intensity	3V	3.0	1,017	~2 mm ²	2700K	7000K	70	80	90	
	XP-GR		Round LES	3V	6.0	1,202	1.3 mm	5000K	6500K	70			
	XP-L2		---	3V	3.0	1,269	3.0 x 3.0 mm	2200K	7000K	70	80	90	
	XP-LR		Round LES	3V	6.0	1,629	1.7 mm	5000K	6500K	70			
	XFLPNA		High Intensity	3V	6.0*	2,058	2.6 x 2.6 mm	5700K	6500K	<70			

1. Apparent optical source size seen by an optic. In general, smaller source sizes will yield smaller beam angles through an optic. These values are not LED die sizes.

Footprint (mm)	XLamp® LED		Version	Voltage Class	Max. Current (A)	Max Light Output (lm)	Light Source Size ¹	CCT Min	CCT Max	CRI Options			
3.45	XHP35.2		High Intensity Standard	12V	1.5	1,808	2.3 x 2.3 mm	2200K	7000K	70	80	90	95
				3V/6V	6.0 (3V) 3.0 (6V)	1,808	2.3 x 2.3 mm	2700K	7000K	<70	80		
			High Intensity Pro9™	12V	0.7	849	2.3 x 2.3 mm	2700K	4000K			90	95
			High Density Standard	12V	1.5	1,946	3.2 x 3.2 mm	2700K	7000K	70	80	90	
				3V/6V	6.0 (3V) 3.0 (6V)	1,946	3.2 x 3.2 mm	2700K	7000K	70	80	90	
			High Density Pro9™	12V	0.7	983	3.2 x 3.2 mm	2700K	4000K			90	95
5.00	XHP50.3		High Intensity	6V/12V	3.0 (6V) 1.5 (12V)	2,191	2.9 x 2.9 mm	2700K	7000K	70	80	90	95
				3V	6.0	2,191	2.9 x 2.9 mm	6200K	7000K	<70			
			High Density	6V/12V	3.0 (6V) 1.5 (12V)	2,320	3.9 x 3.9 mm	2200K	7000K	70	80	90	
				3V	6.0	2,320	3.9 x 3.9 mm	6200K	7000K	<70			
	XM-MR		Round LES	3V	14	3,226	2.3 mm	5000K	6500K	70			
	XFLMNA		High Intensity	3V/6V	14* (3V) 7* (6V)	4,074	2.9 x 2.9 mm	5700K	6500K	<70			
	XFL03K		High Intensity	3V 6V	20* (3V) 10* (6V)	5,490	3.5 x 3.5 mm	5000K	6500K	<70			
			High Density	3V 6V	20* (3V) 10* (6V)	5,940	4.3 x 4.3 mm	5000K	6500K	<70			
7.00	XHP70.3		High Intensity	6V/12V	7.2 (6V) 3.6 (12V)	5,157	3.9 x 3.9 mm	2200K	7000K	70	80	90	95
				3V	14.4	5,157	3.9 x 3.9 mm	6200K	7000K	<70			
			High Density	6V/12V	7.2 (6V) 3.6 (12V)	5,511	5.3 x 5.3 mm	2200K	7000K	70	80	90	
				3V	14.4	5,511	5.3 x 5.3 mm	6200K	7000K	<70			
	XFLSNA		High Intensity	3V/6V	20* (3V) 10* (6V)	6,853	3.9 x 3.9 mm	5700K	6500K	<70			
	XFL05K		High Intensity	3V 6V	30* (3V) 15* (6V)	8,801	5.1 x 4 mm	5000K	6500K	70	80		
			High Density	3V 6V	30* (3V) 15* (6V)	9,168	5.7 x 5.7 mm	5000K	6500K	70	80		
10.0	XFL08K		High Intensity	6V	27*	15,045	7.0 x 6.5 mm	5000K	6500K	70			
	XFL10K			6V	32*	17,245	7.0 x 5.6 mm	5000K	6500K	70			
	XFL12K			6V	32*	19,135	~7.7 mm	5000K	6500K	<70			
	XFL08K		High Density	6V	27*	15,672	7.6 x 7.6 mm	5000K	6500K	70			
	XFL10K			6V	32*	18,151	~9 mm	5000K	6500K	70			
	XFL12K			6V	32*	19,135	~9 mm	5000K	6500K	<70			

1. Apparent optical source size seen by an optic. In general, smaller source sizes will yield smaller beam angles through an optic. These values are not LED die sizes.

* XFL family LEDs should only be driven at maximum current for up to 60 seconds at a time. Please see the XFL data sheet for more details.