

XLAMP® WHITE LEDs

- High-Power LEDs that deliver the industry's highest lumen density, efficacy & reliability
- XLamp® XP-G4 White LED incorporates the latest advancements in high-power LED technology for improved optical performance while delivering industry leading efficacy
- Pro9™ versions of XP-G4 & XHP35.2 deliver up to 10% higher lumens & LPW than Standard versions at 90 & 95 CRI

January 2024 (FS04R35)

Footprint (mm)	XLamp LED	Voltage Class	Test Current (A)	Typ. Vf @ 85°C (V)	Version	Max. Current (A)	Max Light Output (lm)	Light Source Size¹ (mm)	LPW
1.60	XQ-E	3 V	0.350	2.75	High Intensity	1.500	453	0.9 x 0.9	●
			0.350	2.80	High Density	1.500	454	1.3 x 1.3	●
	XD16	3 V	0.350	2.73	Premium White	2.000	688	1.4 x 1.4	●●
1.6 x 2.05	XE-G	3 V	1.000	3.00	---	3.000	861	1.3 x 1.3	●
2.45	XB-D	3 V	0.350	2.90	---	1.000	328	1.5 x 1.5	●●
3.45	XP-E2	3 V	0.350	2.84	---	1.500	435	1.3 x 1.3	●
	XT-E	3 V	0.350	2.77	High Efficacy	1.500	627	2.0 x 2.0	●●
	XP-P	3 V	1.000	3.10	<70 CRI	3.000	767	1.0 x 1.0	●
					70+ CRI	2.500	703	1.0 x 1.0	●
	XP-G3	3 V	0.350	2.70	Standard	2.000	769	2.3 x 2.3	●●●
					S Line	2.000	803	2.3 x 2.3	●●●●
	XP-G4	3 V	0.700	2.80	Standard	3.000	1,130	2.1 x 2.1	●●●●
					Pro9™	2.000	695	2.1 x 2.1	●●●●
					High Intensity	3.000	1,017	1.4 x 1.4	●●●
	XP-L2	3 V	1.050	2.79	---	3.000	1,269	3.0 x 3.0	●●●
	XHP35.2	12 V	0.350	11.2	High Intensity	1.500	1,808	2.6 x 2.6	●●
					High Intensity Pro9™	0.700	849	2.6 x 2.6	●●●
					High Density	1.500	1,946	3.2 x 3.2	●●
					High Density Pro9™	0.700	983	3.2 x 3.2	●●●
5.00	XM-L3	3 V	0.700	2.75	---	5.000	1,783	3.0 x 3.0	●●
	XHP50.3	3 V	2.800	2.8	High Intensity	6.000	2,191	2.9 x 2.9	●●
		6 V 12V	1.400 0.700	5.6 11.2	High Density	3.000 1.500	2,320	3.9 x 3.9	●●
7.00	XHP70.3	6 V 12 V	2.100 1.050	5.6 11.2	High Intensity	7.200	5,157	3.9 x 3.9	●●
					High Density	3.600	5,511	5.3 x 5.3	●●

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.

● = 70 CRI min/typ | ◆ = 80 CRI min | ○ = 90 CRI min | + = 95 CRI min available

XLamp LED		6500K	5700K	5000K	4000K	3500K	3000K	2700K	2200K	1800K
	XQ-E High Intensity									
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	XD16 Premium White									
	XE-G									
	XB-D									
	XP-E2									
	XT-E High Efficacy									
	XP-P									
	XP-G3 Standard									
	XP-G3 S Line									
	XP-G4 Standard									
	XP-G4 Pro9™									
	XP-G4 High Intensity									
	XP-L2									
	XHP35.2 HI Standard									
	XHP35.2 HI Pro9™									
	XHP35.2 HD Standard									
	XHP35.2 HD Pro9™									
	XHP50.3 High Intensity									
	XHP50.3 High Density									
	XHP70.3 High Intensity									
	XHP70.3 High Density									