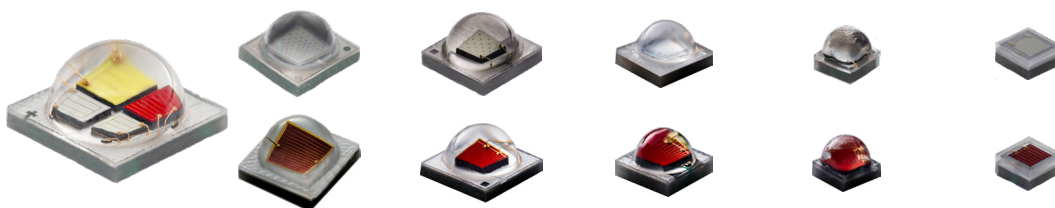


XLAMP® LED COLOR PORTFOLIO

- Largest portfolio of color High-Power LEDs
- Leading performance for all major color-lighting applications
- Industry's best options for small optical source sizes

April 2021 (FS05R20)

PRODUCT SELECTOR TABLE



XLamp		XM-L	XP-G3	XP-E2	XB-D	XQ-E HD	XQ-E HI
Footprint (mm)		5.00	3.45		2.45	1.60	
Maximum Power (W)		13	6	3	3	3	3
Royal Blue	450 - 465 nm		•	•	•	•	•
Blue	465 - 485 nm			•	•	•	•
PC Blue							•
Green	520- 535 nm			•	•	•	•
Amber	585 - 595 nm			•	•		
PC Amber				•	•	•	•
Red-Orange	610 - 620 nm			•	•	•	•
Red	620 - 630 nm			•	•	•	•
Photo Red	650 - 670 nm		•	•		•	
Far Red	720 - 740 nm			•			
RGBW		•					
White			•	•	•	•	•

WHITE: CRI & CCT OPTIONS

● = 70 CRI min | ◆ = 80 CRI min | ○ = 90 CRI min

CCT	XM-L Color (White Options)	XP-G3 Standard	XP-E2	XB-D	XQ-E High Density	XQ-E High Intensity
6500 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
5700 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
5000 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
4000 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
3500 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
3000 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
2700 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○
2200 K	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○	● ◆ ○

COLOR: AVAILABLE MINIMUM FLUX BINS (350 mA, T_j = 25 °C)

XLamp		XP-G3	XP-E2	XB-D	XQ-E HD	XQ-E HI
Royal Blue	450 - 465 nm	730 mW 680 mW	650 mW 625 mW	650 mW 625 mW	625 mW 600 mW	600 mW 575 mW
Blue	465 - 485 nm		45.7 lm 39.8 lm 35.2 lm	51.7 lm 45.7 lm 39.8 lm	45.7 lm 39.8 lm 35.2 lm	45.7 lm 39.8 lm 35.2 lm
PC Blue						51.7 lm 45.7 lm
Green	520- 535 nm		172 lm 164 lm 156 lm	139 lm 130 lm 122 lm	156 lm 148 lm 139 lm	156 lm 148 lm 139 lm
Amber	585 - 595 nm		93.9 lm 87.4 lm 80.6 lm	87.4 lm 80.6 lm 73.9 lm		
PC Amber			107 lm 100 lm	100 lm 93.9 lm	87.4 lm 80.6 lm	80.6 lm 73.9 lm
Red-Orange	610 - 620 nm		107 lm 100 lm 93.9 lm	114 lm 107 lm 100 lm	93.9 lm 87.4 lm 80.6 lm	73.9 lm 67.2 lm
Red	620 - 630 nm		80.6 lm 73.9 lm 67.2 lm	80.6 lm 73.9 lm 67.2 lm	73.9 lm 67.2 lm 62.0 lm	51.7 lm 45.7 lm 39.8 lm
Photo Red	650 - 670 nm	525 mW 500 mW	450 mW 425 mW		400 mW 375 mW	
Far Red	720 - 740 nm		400 mW 375 mW			