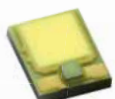
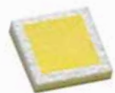


LED front lighting

Portfolio

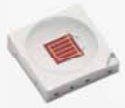


Part name	Part number	CCT / wavelength	LED color	Flux @ bin		Binning condition Tc	Forward current If	Max. DC If	Forward voltage	Max. Tj	Typ rth J-C
				Min	Max						
LUXEON Altilon H1K PnP 1x4	LAPH-M46-XXX	5,500 - 6,250 K	White	1,107 lm	1,298 lm	85°C	1,000 mA	1,500 mA	12.4V	150°C	1.3°C/W
LUXEON Altilon H1K PnP 1x5	LAPH-M56-XXX	5,500 - 6,250 K	White	1,412 lm	1,603 lm	85°C	1,000 mA	1,500 mA	15.5V	150°C	1.1°C/W
LUXEON Altilon SMD 1x2	A1SB-58502DH0	5,180 - 6,250 K	White	560 lm	620 lm	85°C	1,000 mA	1,500 mA	6.0V	150°C	2.3°C/W
LUXEON Altilon SMD 1x3	A1SB-58503DH0	5,180 - 6,250 K	White	840 lm	930 lm	85°C	1,000 mA	1,500 mA	9.0V	150°C	1.8°C/W
LUXEON Altilon SMD 1x4	A1SB-58504DH0	5,180 - 6,250 K	White	920 lm	1,040 lm	85°C	1,000 mA	1,500 mA	12.0V	150°C	1.5°C/W
LUXEON Altilon SMD 1x5	A1SB-58505DH0	5,180 - 6,250 K	White	1,400 lm	1,550 lm	85°C	1,000 mA	1,500 mA	15.0V	150°C	1.2°C/W
LUXEON Neo 1mm²	A1N1-58501DH0	5,180 - 6,250 K	White	280 lm	310 lm	85°C	1,000 mA	1,500 mA	3.0V	150°C	2°C/W
LUXEON Neo 0.5mm²	A1N1-58500BH0	5,180 - 6,250 K	White	125 lm	140 lm	85°C	500 mA	750 mA	3.0V	150°C	4.1°C/W
LUXEON F CW	LFMH-C1A	5,180 - 6,250 K	White	90 lm	110 lm	85°C	350 mA	1,000 mA	2.77V	150°C	4°C/W
LUXEON F ES CW	LFXH-C2B	5,500 - 6,680 K	White	220 lm	240 lm	85°C	700 mA	1,000 mA	2.82V	150°C	3°C/W
LUXEON F Plus CW	LFMH-C1C	5,500 - 6,250 K	White	247 lm	299 lm	85°C	1,000 mA	1,500 mA	2.94V	150°C	4°C/W
LUXEON FX Plus CW	A1FX-5850	5,500 - 6,250 K	White	270 lm	290 lm	85°C	1,000 mA	1,500 mA	2.94V	150°C	3.5°C/W
LUXEON F PC Amber	LFMH-L1A	588 - 592 nm	Amber	70 lm	90 lm	85°C	350 mA	700 mA	2.78V	135°C	4°C/W
LUXEON F Plus PC Amber	LFMH-L1C	588 - 592 nm	Amber	164 lm	196 lm	85°C	1,000 mA	1,000 mA	2.98V	135°C	5°C/W
LUXEON FX Plus PC Amber	A1FX-0591	588 - 592 nm	Amber	170 lm	200 lm	85°C	1,000 mA	1,000 mA	2.78V	150°C	3.8°C/W
LUXEON Versat 3030 CW 150	A1VA-5850A010	5,500 - 6,250 K	White	53 lm	70 lm	25°C	150 mA	250 mA	3.10V	150°C	13°C/W
LUXEON Versat 3030 PCA 150	A1VA-P591A010	588 - 592 nm	Amber	30 lm	48 lm	25°C	150 mA	250 mA	3.10V	150°C	16°C/W
LUXEON Rebel	LXMA-PW01	5,000 - 6,300 K	White	110 lm	150 lm	25°C	350 mA	700 mA	2.92V	150°C	10°C/W
LUXEON Rebel PC Amber	LXMA-PL02	588 - 592 nm	Amber	90 lm	130 lm	25°C	350 mA	700 mA	2.92V	135°C	10°C/W
LUXEON Rebel Red Orange	LXMA-PH03	612 - 618 nm	Red Orange	80 lm	110 lm	25°C	350 mA	1,200 mA	2.10V	150°C	8°C/W

All specifications are based on MP.

LED rear lighting

Portfolio



Part name	Part number	CCT / wavelength	LED color	Flux @ bin		Binning condition		Max. DC If	Forward voltage	Max. TJ	Typ rth J-C
				Min	Max	Tc	If				
LUXEON Versat 3030 Red Orange 200	A1VA-O612A10	612 - 618 nm		30 lm	52 lm	25°C	200 mA	300 mA	2.60V	150°C	15°C/W
LUXEON Versat 3030 Red Orange 700	A1VA-O612C10	612 - 618 nm		130 lm	224 lm	25°C	700 mA	1 A	2.60V	150°C	5°C/W
LUXEON Versat 3030 Super Red 200 (630 nm)	A1VA-S627A10	627 - 632 nm		18 lm	30 lm	25°C	200 mA	300 mA	2.60V	150°C	15°C/W
LUXEON Versat 3030 Super Red 700 (630 nm)	A1VA-S627C10	627 - 632 nm		75 lm	130 lm	25°C	700 mA	1 A	2.60V	150°C	5°C/W
SignalSure 30 Amber	A1DT-A588L	588 - 595 nm		2.1 lm	3.6 lm	25°C	30 mA	60 mA	2.55V	125°C	100°C/W
SignalSure 75 Amber	A1DP-A588L	588 - 595 nm		7.3 lm	12.5 lm	25°C	75 mA	90 mA	2.67V	135°C	45°C/W
SignalSure 150 Amber	A1DE-A588L	588 - 595 nm		12.5 lm	21.0 lm	25°C	150 mA	200 mA	2.79V	135°C	45°C/W
SignalSure 250 Amber	A1DL-A588L	627 - 632 nm		25.0 lm	52.0 lm	25°C	250 mA	300 mA	2.79V	135°C	25°C/W
SignalSure 30 Red Orange	A1DT-O612L	612 - 618 nm		3.6 lm	6.1 lm	25°C	30 mA	60 mA	3.6V	125°C	100°C/W
SignalSure 75 Red Orange	A1DP-O612L	612 - 618 nm		10.4 lm	18.0 lm	25°C	75 mA	90 mA	2.55V	135°C	45°C/W
SignalSure 150 Red Orange	A1DE-O612L	612 - 618 nm		21.0 lm	36.0 lm	25°C	150 mA	200 mA	2.79V	135°C	45°C/W
SignalSure 250 Red Orange	A1DL-O612L	612 - 618 nm		36.0 lm	62.0 lm	25°C	250 mA	300 mA	2.79V	135°C	25°C/W
SignalSure 30 Super Red	A1DT-S627L	627 - 638 nm		2.1 lm	3.6 lm	25°C	30 mA	60 mA	2.45V	125°C	100°C/W
SignalSure 75 Super Red	A1DP-S627L	627 - 638 nm		6.1 lm	10.4 lm	25°C	75 mA	90 mA	2.79V	135°C	45°C/W
SignalSure 150 Super Red	A1DE-S627L	627 - 632 nm		12.5 lm	21.0 lm	25°C	150 mA	200 mA	2.79V	135°C	45°C/W
SignalSure 250 Super Red	A1DL-S627L	627 - 632 nm		21.0 lm	43.0 lm	25°C	250 mA	300 mA	2.79V	135°C	25°C/W
SnapLED 75 Amber	SSL075-A588	588 - 595 nm		7.3 lm	12.5 lm	25°C	75 mA	75 mA	2.67V	135°C	30°C/W
SnapLED 150 Amber	SSL150-A588	588 - 595 nm		12.5 lm	21.0 lm	25°C	150 mA	150 mA	2.79V	135°C	30°C/W
SnapLED 75 Red Orange	SSL075-O612	613 - 628 nm		10.4 lm	18.0 lm	25°C	75 mA	75 mA	2.67V	135°C	30°C/W
SnapLED 150 Red Orange	A1SS-O612	612 - 618 nm		21.0 lm	36.0 lm	25°C	150 mA	200 mA	2.79V	135°C	30°C/W
SnapLED Xtreme Amber	A1SX-A588	588 - 595 nm		30.0 lm	62.0 lm	25°C	300 mA	350 mA	2.91V	150°C	15°C/W
SnapLED Xtreme Red Orange	A1SX-O612	612 - 618 nm		43.0 lm	75.0 lm	25°C	300 mA	350 mA	2.91V	150°C	15°C/W
SnapLED Xtreme Super Red	A1SX-S627	632 - 632 nm		25.0 lm	52.0 lm	25°C	300 mA	350 mA	2.91V	150°C	15°C/W

All specifications are based on MP.

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