ProLight

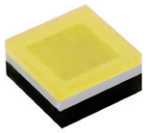


High Power & Warning Light LED

New!!

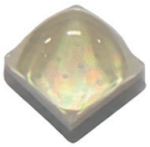
1414 series

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PSQN-4FWE-WFC	White	350	1000	3.0	145	5600K	130°
PSQN-4FPE-AWFC	PC Amber	350	1000	3.0	103	589.7 nm	130°
PSQN-4FRE-W	Red	350	1000	2.15	65	620.5 nm	130°
PSQN-4FGE-WFC	Green	350	1000	2.7	140	527 nm	130°
PSQN-4FBE-WFC	Blue	350	1000	3.1	33	475 nm	130°



size : 1.4 X 1.4 mm

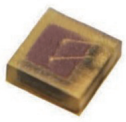
Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PSQN-4LWE-WFC	White	350	1000	3.0	155	5600K	130°
PSQN-4LPE-AWFC	PC Amber	350	1000	3.0	105	589.7 nm	130°
PSQN-4LRE-W	Red	350	1000	2.15	80	620.5 nm	130°
PSQN-4LGE-WFC	Green	350	1000	2.7	150	527 nm	130°
PSQN-4LBE-WFC	Blue	350	1000	3.1	40	475 nm	130°



size : 1.4 X 1.4 mm

1717 series

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PY2A-3FRE	Red	350	700	2.15	50	620.5 nm	120°
PY2A-3FGE	Green	350	700	3.10	90	525 nm	120°
PY2A-3FCE	Cyan	350	700	3.10	50	505 nm	120°
PY2A-3FME	Crimson	350	700	2.05	315 mW	660 nm	120°
PY2A-3FEE	Cherry Red	350	700	2.02	275 mW	730 nm	120°
PY2A-3FLE	UV-L	350	700	3.00	480 mW	405 nm	120°



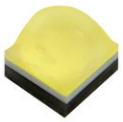
size : 1.7 X 1.7 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PY2B-3FWE-WFC	White	350	700	3.0	140	5600 k	120°
PY2B-3FBE-WFC	Blue	350	700	3.0	41.3	475 nm	120°
PY2B-3FPE-RWFC	PC Red	350	700	3.0	38	615 nm	120°
PY2B-3FPE-AWFC	PC Amber	350	700	3.0	115	589.7 nm	120°
PY2B-3FGE-WFC	Green	350	700	2.7	145	526 nm	120°



size : 1.7 X 1.7 mm

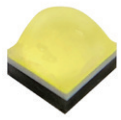
2020 series



size : 2.0X 2.0 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PT3N-4LWE-WFC	White	350	1000	3.0	160	5600 K	130°
PT3N-4LPE-AWFC	PC Amber	350	1000	3.0	105	589.7 nm	130°
PT3N-4LRE-W	Red	350	1000	2.2	68	620.5 nm	130°
PT3N-4LGE-W	Green	350	1000	3.1	135	525 K nm	130°
PT3N-4LBE-WFC	Blue	350	1000	3.0	48	477.5 nm	130°
PT3N-4LCE-W	Cyan	350	1000	3.1	85	505 nm	130°
PT3N-4LME-W	Crimson	350	1000	2.2	380 mW	660 nm	130°

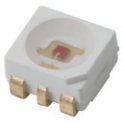
2424 series



size : 2.45X 2.45 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
PV2N-4LWE-WFC	White	350	1500	2.8	170	5600 K	130°
PV2N-4LVE-WFC	Warm White	350	1500	2.8	145	2900 K	130°
PV2N-4LRE-W	Red	350	1500	2.2	70	620.5 nm	130°
PV2N-4LGE-W	Green	350	1500	3.1	136	525 K nm	130°
PV2N-4LBE-WFC	Blue	350	1500	3.0	49	477.5 nm	130°
PV2N-4LPE-AWFC	PC Amber	350	1500	2.8	110	589.7 nm	130°

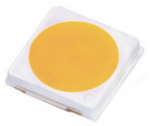
PLCC 3334



size: 3.3X 3.4 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Luminous Intensity (cd) (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
AL6A-RA1DF	Red	140	200	2.2	7.2	621 nm	120°
AL6A-RA1DF-D2	Red	140	200	2.2	11.5	616 nm	120°
AL6A-GA1EF	Green	140	250	3.25	9	525 nm	120°
AL6A-BA1EF	Blue	140	250	3.1	3.5	470 nm	120°
AL6A-PA1EF-A	PC Amber	140	250	3.1	11.5	590.8 nm	120°

3030 series



size : 3.0 X 3.0 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PJ2E-1FRE	Red	350	350	2.60	42	623 nm	120°
PJ2E-1FGE	Green	350	350	3.60	65	525 nm	120°
PJ2E-1FBE	Blue	350	350	3.60	15.5	465 nm	120°
PJ2N-FFWE	White	150	150	3.20	75	5850 K	120°
PJ2N-1FWE-2	White	300	300	3.20	128	5850 K	120°
PJ2N-FFPE-A	PC Amber	150	150	3.20	51	589 nm	120°
PJ2N-2FPE-A2	PC Amber	350	600	3.10	125	589 nm	120°
AJ2N-AA1FF	Amber	350	350	2.20	31.3	592 nm	120°

3535 series

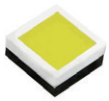


size : 3.45 X 3.45 mm

Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
PK2E-2LWE-B2R7S	White	350	700	3.05	175	6000K	130°
PK2N-3LRE-SD	Red	350	800	2.2	64	623 nm	130°
PK2N-3LRE-N	Red	350	1000	2.2	64	623 nm	130°
PK2N-3LGE-SD	Green	350	800	3.1	150	525 nm	130°
PK2N-3LBE-SD	Blue	350	800	3.1	29	465 nm	130°
PK2N-4LBE-MVSD	Blue	350	1200	3.0	44	475 nm	130°
PK2N-5LBE-MSD	Blue	350	1200	3.2	45	480 nm	130°
PK2N-2LPE-B2	PC Blue	350	700	3.1	50	470 nm	130°
PK2N-3LPE-B3	PC Blue	350	700	3.1	80	470 nm	130°
PK2N-2LPE-A2	PC Amber	350	700	3.1	140	589 nm	130°
PK2E-3LPE-ASD	PC Amber	350	700	3.2	100	589 nm	130°
PK2N-4LPE-SASD	PC Amber	350	1000	2.95	112	589 nm	130°
PK2N-3LAE-SD	Amber	350	800	2.2	70	592 nm	130°

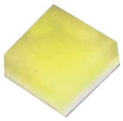
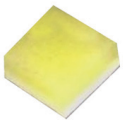
- Brand-new high-power LEDs deliver ultra-high brightness.

	Watt	Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
	3	PBVR-3FWE-F1G-S	White	1000	1000	3.4	340	5555 K 5825 K 6150 K 6545 K	120°
	4	PBVP-4FWE-F1GR-P	White	1000	1500	3.1	430	5555 K 5825 K 6150 K 6545 K	120°
	7	PBVH-7FWE-F2GR-P	White	1000	1500	6.2	860	5555 K 5825 K 6150 K 6545 K	120°
	10	PBVJ-10FWE-F3GR-P	White	1000	1500	9.3	1290	5555 K 5825 K 6150 K 6545 K	120°
	14	PBVK-14FWE-F4GR-P	White	1000	1500	12.4	1720	5555 K 5825 K 6150 K 6545 K	120°

	Watt	Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
	8	PBVQ-8FWE-F1GS	White	1000	1800	3.2	500	5620 K 5880 K 6150 K 6450 K	120°

- Dual-color LED switches between white and yellow light to improve nighttime visibility in different weather condition s.

	Watt	Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	$2\theta_{1/2}$
	20	PBVG-20FQE-F6GYGWA	White	1000	1500	10	1050	5620 K-6450 K	120°
			Golden Yellow	1000	1500	10	1150	573 nm	

HUD series	Part No.	Color	Test Current (mA)	Max Current (mA)	Vf (Typ.)	Lumens (Typ.)	CCT (Typ.)	2θ 1/2
 size : 1.0 X 1.0 mm	PCSP-TFWB-1010CR7	White	60	100	2.9	21	12500K	120°
	PCSP-CPWB-1010CK4	White	15	20	5.9	9	15000K	160°
	PCSP-TNWE-1010CK4	White	30	60	2.7	8	15000K	160°
 size : 1.65 X 1.65 mm	PY2B-3FWE-WFCH	White	350	1000	3.0	140	12500K	120°