

TOPLED® E1608

Features: The TOPLED® E1608 expands OSRAM Opto Semiconductors' low power portfolio by offering one of the smallest LED Industry standard footprints in a highly reliable and well proved package concept. Its outstanding performance is suitable for a huge variety of applications especially automotive interior where a small package design with excellent reliability is needed. The TOPLED E1608 is available in different colors and brightness levels.

		KW DELxSx.RA White	KW DELxSx.EC Warm White	KB DELxS2.12 Blue	KB DELPS1.DI CoD Iceblue	KB DELSS2.D1 CoD White Blue	KB DELSS2.D1 CoD Sapphire Blue
Brightness	Low	KW DELPS2.RA					
		40 mcd @ 0.5 mA					
		0.33 / 0.33					
		20 mA					
		2.4 - 2.85 V					
	Mid	KW DELPS2.RA		KB DELPS2.12			KB DELPS2.D2
		140 mcd @ 2 mA		30 mcd @ 2 mA			200 mcd @ 5 mA
		0.33 / 0.33		460 - 476 nm			0.17 / 0.18
		20 mA		20 mA			20 mA
		2.5 - 3.0 V		2.5 - 3.0 V			2.7 - 3.2 V
		KW DELPS2.RA		KB DELPS2.12	KW DELPS2.DI		
		710 mcd @ 10 mA		140 mcd @ 10 mA	500 mcd @ 10 mA		
		0.33 / 0.33		460 - 476 nm	0.2 / 0.3		
		20 mA		29 mA	20 mA		
		2.7 - 3.2 V		2.7 - 3.2 V	2.7 - 3.2 V		
	High	KW DELSS2.RA	KW DELSS2.CC		KB DELPS2.DI	KB DELSS2.DI	KB DELSS2.D2
		1800 mcd @ 20 mA	2200 mcd @ 30 mA		1300 mcd @ 10 mA	1300 mcd @ 20 mA	1000 mcd @ 20 mA
		0.33 / 0.33	2700K - 6500K		0.2 / 0.3	0.2 / 0.3	0.17 / 0.18
		30 mA	30 mA		20 mA	20 mA	20 mA
		2.8 - 3.4 V	2.8 - 3.4 V		2.7 - 3.2 V	2.7 - 3.2 V	2.7 - 3.2 V

		KP DELxS1.FP Coverted Pure Green	KT DELxS1.12 True Green	KP DELxS1.22 Pure Green	KG DELxS1.22 Green	KY DELxS1.22 Yellow	DO DELxS1.22 Orange	KR DELxS1.22 Red	KS DELxS1.22 Super Red
Brightness	Low		KT DELMS1.12	KP DELLS1.22	KG DELLS1.22	KY DELLS1.22	KO DELLS1.22		KS DELLS1.22
			110 mcd @ 10 mA	2 mcd @ 2 mA	7 mcd @ 2 mA	10 mcd @ 2 mA	13 mcd @ 2 mA		8 mcd @ 2 mA
			517 - 541 nm	554 - 566 nm	565 - 575 nm	580 - 595 nm	600 - 609 nm		634 - 636 nm
			20 mA	20 mA	20 mA	20 mA	20 mA		20 mA
			2.8 - 3.7 V	1.7 - 2.2 V	1.7 - 2.2 V	1.7 - 2.2 V	1.7 - 2.2 V		1.7 - 2.2 V
	Mid	KP DELPS1.FP	KT DELQS1.12	KP DELMS1.22	KG DELMS1.22	KY DELMS1.22	KO DELMS1.22	KR DELMS1.22	KS DELMS1.22
		760 mcd @ 10 mA	500 mcd @ 10 mA	20 mcd @ 20 mA	70 mcd @ 20 mA	200 mcd @ 20 mA	250 mcd @ 20 mA	210 mcd @ 20 mA	130 mcd @ 20 mA
		0.37 / 0.6	519 - 542 nm	554 - 566 nm	565 - 575 nm	580 - 595 nm	600 - 609 nm	612 - 624 nm	627 - 639 nm
		20 mA	30 mA	30 mA	30 mA	30 mA	30 mA	30 mA	30 mA
		2.7 - 3.2 V	2.6 - 3 V	1.8 - 2.4 V	1.8 - 2.4 V	1.9 - 2.4 V	1.8 - 2.4 V	1.85 - 2.33 V	1.8 - 2.3 V
	High		KT DELSS1.12			KY DELPS1.22	KO DELPS1.22	KR DELPS1.22	KS DELPS1.22
			2000 mcd @ 20 mA			700 mcd @ 20 mA	800 mcd @ 20 mA	850 mcd @ 20 mA	500 mcd @ 20 mA
			519 - 543 nm			539 - 595 nm	600 - 609 nm	612 - 630 nm	627 - 637 nm
			30 mA			30 mA	30 mA	30 mA	30 mA
			2.2 - 3.1 V			2.0 - 2.65 V	1.95 - 2.5 V	1.95 - 2.5 V	1.95 - 2.5 V