

Periodic Table of LEDs

Multimarket Applications

Auto Aftermarket, Aviation, Bus, Rail, EVL, Marine, Off-Road, Signaling, Signs/VMS, Displays, Projection, Medical, Dental, Stage, Gaming/Casino, Vending, Security, White Goods, Indicators, Switches, Illuminated Controls, Work Lights, etc.

Personal Electronics Applications

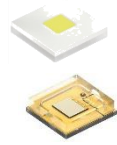
































































Wearables, Flash, Backlighting (Monitor, TV, Automotive Displays, Mobile), etc.

Bin Current Group

Low (2mA - 65mA)

Mid (20mA - 300mA)

High (>300mA)

<p>OSRAM OSTAR® Projection Compact NEW</p> 												
<p>CHIPLD® 0402</p> 												
<p>CHIPLD® 0603</p> 	<p>DISPLIX® Oval</p> 											
<p>CHIPLD® 0805</p> 	<p>FIREFLY®</p> 	<p>Micro SIDELED® M4518 NEW</p> 	<p>MULTILED® Black</p> 	<p>TOPLED® Black NEW</p> 	<p>Advanced Power TOPLED® / APT Plus</p> 	<p>DURIS® P 5</p> 	<p>Power TOPLED® w/ lens</p> 	<p>TOPLED® Compact 2016</p> 	<p>DURIS® S 8</p> 	<p>OSLON® Black Flat (2-5 chips)</p> 	<p>OSLON® Signal</p> 	<p>OSRAM OSTAR® Projection Cube</p> 
<p>DISPLIX® Black</p> 	<p>FIREFLY® E1608 NEW</p> 	<p>Mini TOPLED®</p> 	<p>MULTILED® Black Surface</p> 	<p>TOPLED® Black Surface</p> 	<p>NEW CERAMOS®</p> 	<p>DURIS® S 2 / S 5</p> 	<p>SIDELED®</p> 	<p>TOPLED® Compact 3528</p> 	<p>DURIS® S 10</p> 	<p>OSLON® Black Flat S NEW</p> 	<p>OSLON® Square</p> 	<p>OSRAM OSTAR® Projection Power</p> 
<p>DISPLIX® Blackprint</p> 	<p>Micro SIDELED® 2808</p> 	<p>Multi CHIPLD</p> 	<p>PointLED®</p> 	<p>TOPLED® Black w/ lens</p> 	<p>DURIS® E 2 / E 2835 NEW</p> 	<p>OSLON® SX / SX ECE</p> 	<p>SYNOS® E2314 NEW</p> 	<p>TOPLED® Compact 4014</p> 	<p>Golden DRAGON®</p> 	<p>OSLON® Compact CL / CM</p> 	<p>OSLON® Square Flat NEW</p> 	<p>OSRAM OSTAR® Stage NEW</p> 
<p>DISPLIX® E1616 NEW</p> 	<p>Micro SIDELED® 3010</p> 	<p>Multi TOPLED®</p> 	<p>SIDELED®</p> 	<p>TOPLED® E1608 NEW</p> 	<p>DURIS® E 3</p> 	<p>Power SIDELED®</p> 	<p>SYNOS® E4014</p> 	<p>CERAMOS®</p> 	<p>OSLON® Black</p> 	<p>OSLON® Compact PL NEW</p> 	<p>OSLON® SSL 80 / 120 / 150 NEW</p> 	<p>SOLERIQ® S 9 / S 13 / S 15 / S 19 NEW</p> 
<p>DISPLIX® E2020 NEW</p> 	<p>Micro SIDELED® 3806</p> 	<p>MULTILED®</p> 	<p>TOPLED®</p> 	<p>TOPLED® E3014</p> 	<p>DURIS® E 5</p> 	<p>Power TOPLED®</p> 	<p>SYNOS® P2720</p> 	<p>DURIS® P 8 / P 9 P 10 NEW</p> 	<p>OSLON® Black Flat</p> 	<p>OSLON® LX / LX ECE</p> 	<p>OSRAM OSTAR® Headlamp Pro (2-5 chips)</p> 	<p>SYNOS® P2720</p> 

Brand Name	Base Part	Package	Colors	Brand Name	Base Part	Package	Colors
Advanced Power TOPLED®	Lx G6CP / G6SP / GVCP	3.30 x 3.00 x 1.90	A,B,CB,CW,CY,R,S,T,UW,W,Y	OSLON® Compact CL	Lxx CEUP	1.50 x 1.90 x 0.75	CY, UW
Advanced Power TOPLED® Plus	Lx G5AP / G5GP	5.80 x 3.40 x 2.03	A,C,W,D,MW,R,T,UW,Y	OSLON® Compact CM	LUW CEUN.CE	1.20 x 1.60 x 0.78	UW
CERAMOS® NEW	LUW CAEP / CW CBLPMx.xx / VHLPDx.EN	1.64 x 2.04 x 0.75	UW, W		Kx CELNM1.xx	1.50 x 1.90 x 0.732	Y,W
CHIPLD 0402	Lx QH8G / QH9G	1.00 x 0.50 x 0.35	B,T,W	OSLON® Compact PL NEW	KW2 CxLNM1.TG (2-chip)	2.13 x 3.10 x 0.732	W
CHIPLD 0603	Lx Q38x / Q39x / Q976	1.60 x 0.80 x 0.40	B,G,O,S,T,W,Y		KW4 CxLNM1.TG (4-chip)	4.33 x 3.10 x 0.732	W
CHIPLD 0805	Lx R971 / R974 / R976	2.00 x 1.25 x 0.80	G,H,O,S,Y	OSLON® LX ECE	LUW CVBP.CE	3.00 x 3.00 x 1.70	UW
DISPLIX® Black	LRTB GRUG	4.50 x 4.50 x 2.10	RTB (multi-color)	OSLON® MX ECE	LUW CN7N	3.00 x 3.00 x 2.23	UW
DISPLIX® Blackprint	LRTB GRTG	4.50 x 4.50 x 2.10	RTB (multi-color)	OSLON® Signal	Lx CKBP / CLBP / CQBP / CRBP	3.00 x 3.00 x 1.70	B,CB,CY,J,T,V,UW,Y
DISPLIX® E1616 NEW	KRTB EILP41.32	1.60 x 1.30 x 0.90	RTB (multi-color)	OSLON® Square	GW CSSRMx.xx / Lx CQAR	3.00 x 3.00 x 1.88	CW,D,UW,W
DISPLIX® E2020 NEW	KRTB HDLP71.32	2.10 x 1.90 x 1.03	RTB (multi-color)	OSLON® Square Flat NEW	KW CSLPM2.xx	3.00 x 3.00 x 0.76	W
DISPLIX® Oval	Kx HAVPAx.x2	2.70 x 2.10 x 1.51	B,R,T,Y	OSLON® SSL 80	Gx CS8PMx.xx / Lx Cx7P	3.00 x 3.00 x 2.23	A,B,CW,D,F,H,R,T,UW,W,Y
DURIS® E 2835 NEW	GW JTLxS1.EM	2.80 x 3.50 x 0.65	W	OSLON® SSL 120 NEW	Gx CSSPM1.xx	3.00 x 3.00 x 1.754	A,D,F,H,T
DURIS® E 2	GW JBLMS1.EM	2.20 x 1.60 x 0.55	W	OSLON® SSL 150	Gx CSHPMx.xx / Lx CxDP	3.00 x 3.00 x 1.46	A,B,CW,D,F,H,R,T,UW,W,Y
DURIS® E 3	GW JCLxxx.xx	3.00 x 1.40 x 1.20	W	OSLON® SX	Lx CN5M	3.00 x 3.00 x 2.43	A,D,Y
DURIS® E 5	GW JDSxxx.xx	3.00 x 5.60 x 0.60	W	OSLON® SX ECE	LUW CN7M	3.00 x 3.00 x 2.23	UW
DURIS® P 5	Gx DASPAx.xx	2.20 x 2.60 x 1.25	B,D,R,T,W,Y		LE UW U1A2 01 (2-chip)	20.0 x 20.0 x 2.41	UW
DURIS® P 8	GW PUSRA1.PM	3.70 x 3.70 x 2.15	W	OSRAM OSTAR® Headlamp Pro (multi-chip)	LE UW U1A3 01 (3-chip)	20.0 x 20.0 x 2.42	UW
DURIS® P 9 NEW	GW PUSTA1.PM	3.70 x 3.70 x 2.15	W		LE UW U1A4 01 (4-chip)	20.0 x 20.0 x 2.43	UW
DURIS® P 10	GW P7STAx.PM	7.00 x 7.00 x 3.43	W		LE UW U1A5 01 (5-chip)	20.0 x 20.0 x 2.44	UW
DURIS® S 2	GW SBLxxx.xx	2.05 x 1.55 x 0.75	W	OSRAM OSTAR® Projection Compact NEW	Kx CSLNM1.xx	3.00 x 3.00 x 0.75	B,P,W
DURIS® S 5	GW PSLRxxx.xx	3.00 x 3.00 x 0.60	A,D,R,T,W		LE x Q7WP	5.75 x 4.68 x 0.66	A,B,CG
DURIS® S 8	GW P9Lxxx.xx	5.00 x 5.00 x 0.70	W		LE x Q8WP	3.65 x 3.90 x 1.22	A,B,CG,R,T,UW
DURIS® S 10	GW P7Lxxx.xx	7.00 x 7.40 x 0.70	W	OSRAM OSTAR® Projection Cube	LCG H9RM / H9RN	3.75 x 3.75 x 0.50	CG
FIREFLY® 0402	Lx VH8G / VH9F / VH9G	1.00 x 0.33 x 0.40	R,T,W	OSRAM OSTAR® Projection Power	LE CG P1A / P2A / P3A 01	27.0 x 15.5 x 1.80	CG
FIREFLY® E1608 NEW	Cx DELSS1.xx	1.60 x 0.80 x 0.60	H,T		LE x P1W / P2W / P3W 01	27.0 x 15.5 x 2.10	A,B
Golden DRAGON®	Lx W5SM	11.0 x 6.00 x 1.80	A,B,CW,CY,D,R,T,UW,W,Y	OSRAM OSTAR® Stage NEW	LE RTDUW S2Wx / LE RTDCY S2WN	5.75 x 4.68 x 1.10	RTDUW, RTDCY (multi-color)
Micro SIDELED® 2808	LW Y1SG	2.80 x 1.20 x 0.80	W	PointLED®	Lx P47x / P4SG / PWSG	3.40 x 1.25 x 0.82	A,B,CB,G,O,P,R,S,T,W,Y
Micro SIDELED® 3010	Lx Y87x / Y8Sx	3.00 x 1.10 x 1.20	B,G,O,R,S,T,W,Y	Power SIDELED®	Lx B6SP	3.80 x 4.80 x 3.60	A,R,S,Y
Micro SIDELED® 3806	CUW Y3SH.B1	3.80 x 0.60 x 0.45	UW	Power TOPLED®	Lx E67x / E6Sx / ETSx	3.20 x 2.80 x 1.90	A,B,CB,CP,O,P,R,S,T,W,Y
Micro SIDELED® M4518 NEW	KRBT QDLP61.3A	4.50 x 1.80 x 1.10	RBT (multi-color)	Power TOPLED® w/ lens	Lx E63x / E65x	3.20 x 2.80 x 3.80	A,B,O,S,T,Y
Mini TOPLED®	Lx M67x / MTSG / MMSG	2.20 x 1.40 x 1.30	A,B,CB,CW,D,G,O,P,S,T,W,Y	SIDELED®	Lx A67x / A6SG	4.00 x 3.40 x 4.00	A,B,CB,G,O,P,R,S,T,W,Y
	LRTB R98G	1.60 x 1.60 x 0.90	RTB (multi-color)	SOLERIQ® S 9	GW KAFxBx.xx	13.5 x 13.5 x 1.40	W
Multi CHIPLD	LTRB R8SF / R8SR	3.00 x 3.00 x 0.90	TRB (multi-color)	SOLERIQ® S 13 NEW	GW KAGxBx.xx	19.0 x 19.0 x 1.40	W
	LTRB RASF / RASR	2.50 x 2.50 x 0.55	TRB (multi-color)	SOLERIQ® S 15	GW KAGxB4.xx	17.3 x 19.0 x 0.90	W
	LRTB R48G	1.07 x 1.07 x 0.65	RTB (multi-color)	SOLERIQ® S 19 NEW	GW KAHxBx.xx	24.0 x 24.0 x 1.40	W
Multi TOPLED®	Lxx T67x	2.80 x 3.20 x 1.90	AY,SG,SY,YY	SYNIOS® E2314 NEW	KW DNLS31.xx	2.30 x 1.40 x 0.65	W
	LRTB GVSG / LYYY G6SF / LWVVV G6SG	3.40 x 3.40 x 1.80	RTB,WWW,YYY (multi-color)	SYNIOS® E4014 NEW	KW DPLS3x.xx	4.00 x 1.40 x 0.65	W
MULTILED®	LTRB GF5F	3.40 x 3.40 x 1.80	TRB (multi-color)	SYNIOS® P2720	Kx DMLxxx.xx	2.75 x 2.00 x 0.60	B,R,S,W,Y
MULTILED® Black	LRTB GFUG	3.40 x 3.40 x 1.80	RTB (multi-color)	TOPLED®	Lx T67x / T6SG / TTSD / TVSG	3.20 x 2.80 x 1.90	A,B,CB,G,H,O,P,R,S,T,W,Y
MULTILED® Black Surface	LRT GFTM / LRTB GVTG	3.40 x 3.40 x 1.80	RTB,RT (multi-color)	TOPLED® Black NEW	LH T6MF	3.20 x 2.80 x 1.90	H
OSLON® Black	Lx H9GP	3.85 x 3.85 x 2.29	A,CW,R,UW,Y	TOPLED® Black Surface	Lx T68x / TWTG	3.20 x 2.80 x 1.90	CY,R,Y,W
OSLON® Black Flat	Lx H9PP	3.75 x 3.75 x 0.70	A,CY,R,S,Y	TOPLED® Black w/ lens	Lx T64x / T66x	3.20 x 2.80 x 3.80	B,O,R,T,V,Y
	LUW HWQP	3.75 x 3.75 x 0.50	UW	TOPLED® Compact 2016	CW DBLP31.SB	2.04 x 1.64 x 0.60	W
	KW H2L531.TE (2-chip)	3.75 x 3.10 x 0.43	W	TOPLED® Compact 3528	CUW JHCR.SB	3.50 x 2.80 x 0.80	UW
OSLON® Black Flat (multi-chip)	KW H3L531.TE (3-chip)	3.75 x 4.20 x 0.43	W	TOPLED® Compact 4014	CW DPLxxx.xx	1.40 x 4.00 x 0.55	W
	KW H4L531.TE (4-chip)	3.75 x 5.30 x 0.43	W	TOPLED® E1608 NEW	Kx DELxS1.xx	1.60 x 0.80 x 0.60	O, P, S, T, Y, W
	KW H5L531.TE (5-chip)	3.75 x 6.40 x 0.43	W	TOPLED® E3014	LUW JLSH / KW DCLMS1.PC	3.00 x 1.40 x 0.80	UW,W
	KW HJ531.TE (3-chip)	3.75 x 5.70 x 0.43	W				
OSLON® Black Flat S (multi-chip) NEW	KW HKL531.TE (4-chip)	3.75 x 6.80 x 0.43	W				
	KW HLL531.TE (5-chip)	3.75 x 7.90 x 0.43	W				

A = Amber (617nm) CB = Converted Blue CP = Converted Pure Green CY = Converted Yellow
 B = Blue (470nm) CG = Converted Green CW = Warm White D = Deep Blue (450nm)

F = Far Red (730nm) H = Hyper-Red (660nm) MW = Multi-phosphor White
 G = Green (570nm) J = Red (625nm) O = Orange (605nm)

R = Red (625nm) T = True Green (525nm) W = White
 S = Super-Red (633nm) UW = Ultra White Y = Yellow (590nm)

Light is OSRAM

Status 07-2017 - OSRAM Opto Semiconductors - Images not to scale
 Subject to change without notice - Errors and omission excepted - Check website for datasheets

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