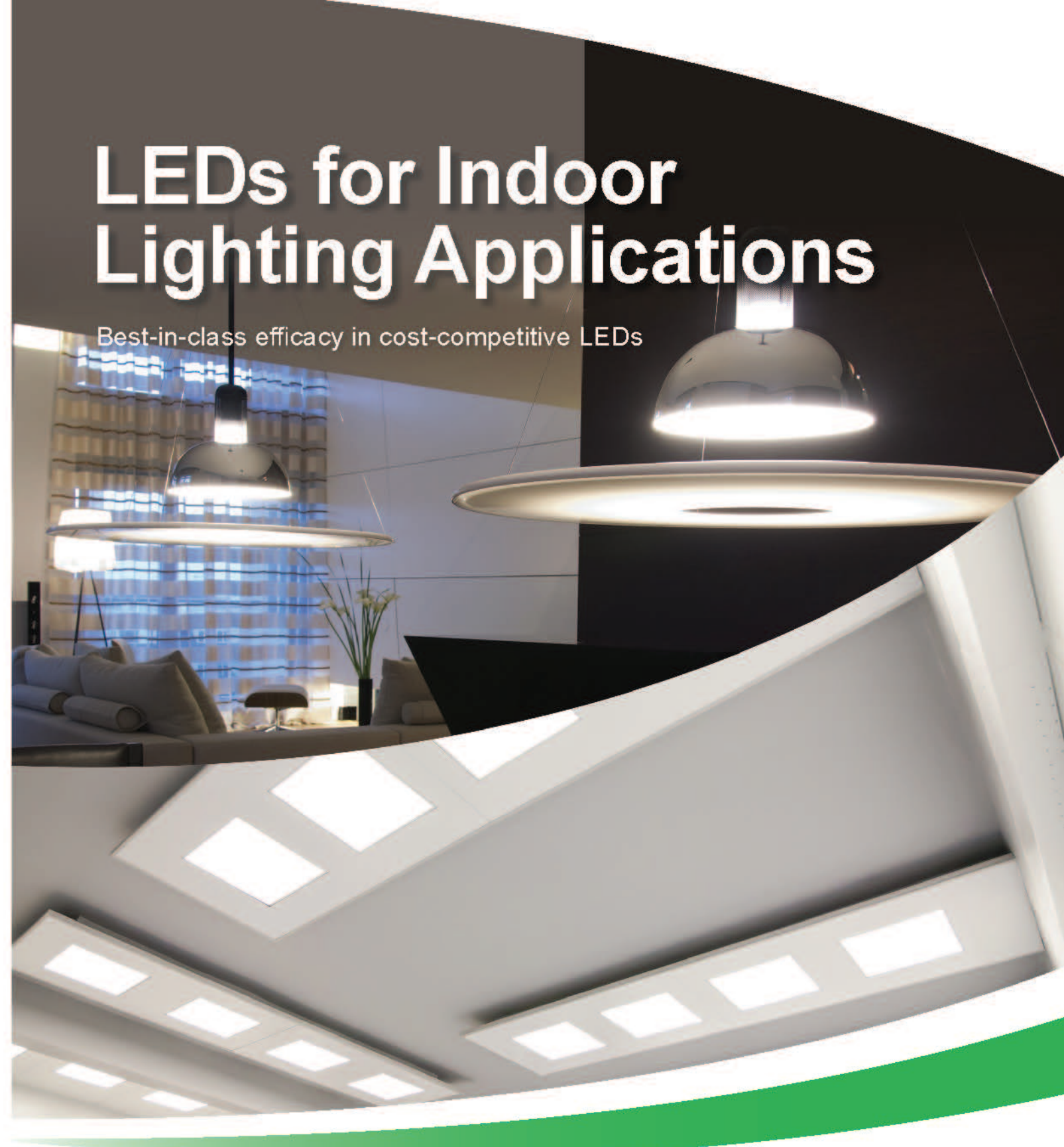


# LEDs for Indoor Lighting Applications

Best-in-class efficacy in cost-competitive LEDs



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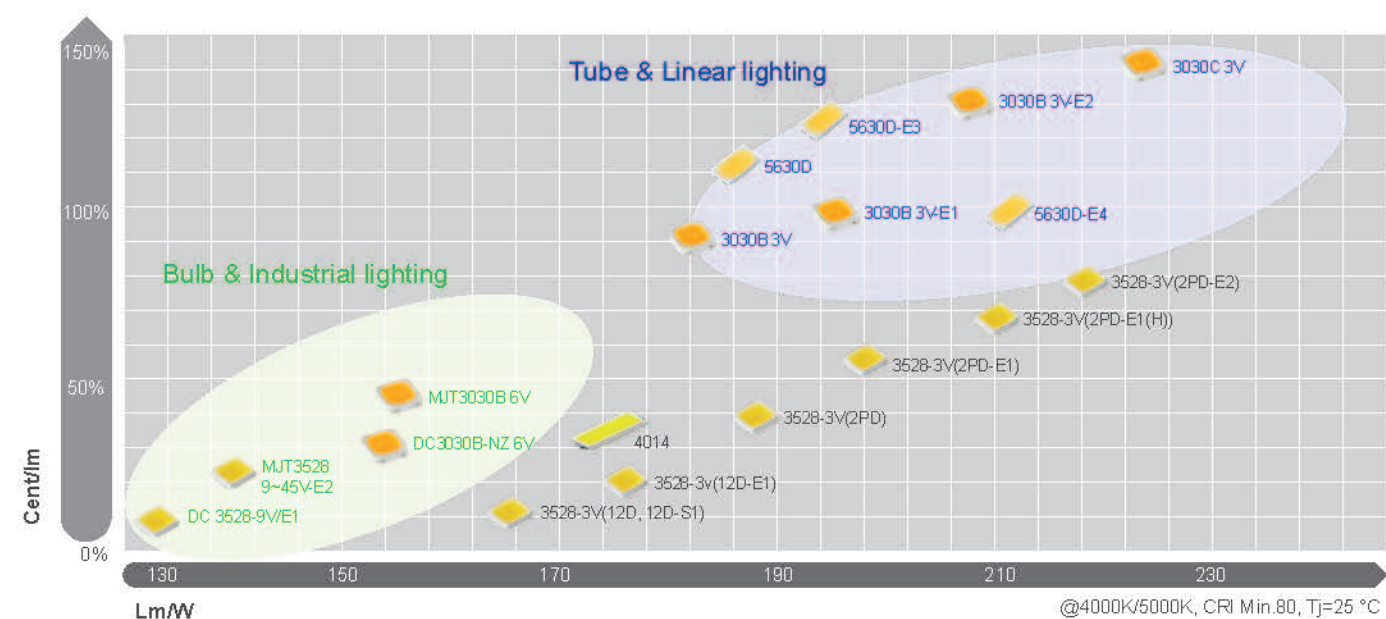
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# Performance leadership & stability with our OWN CHIP



High Performance LEDs	Part Number	CCT	Power (W)	Current (mA)	Flux (lm)	V <sub>f</sub> (V)	Efficacy (lm/W)	CRI (Ra)	# of Chip
3528	STW8A2PD-E2	5000K	0.2	65	37.5	2.68	215	Min. 80	2D
		2700K	0.2	65	35	2.68	206	Min. 80	2D
	STW8A2PD-E1(H)	5000K	0.2	65	37	2.72	210	Min. 80	2D
		2700K	0.2	65	34	2.72	192	Min. 80	2D
	STW8A2PD-E1	5000K	0.2	65	36	2.75	200	Min. 80	2D
		2700K	0.2	65	33	2.75	182	Min. 80	2D
	STW8A2PD	5000K	0.2	65	34	2.76	190	Min. 80	2D
		2700K	0.2	65	30	2.76	167	Min. 80	2D
	STW8A2PD-S1	5000K	0.2	65	33	2.81	178	Min. 80	2D
		2700K	0.2	65	29	2.81	160	Min. 80	2D
	STW8A12D-E3	5000K	0.2	65	35	2.8	192	Min. 80	1D
		2700K	0.2	65	33	2.8	181	Min. 80	1D
	STW8A12D-E2	5000K	0.2	65	34	2.92	179	Min. 80	1D
		2700K	0.2	65	31	2.92	163	Min. 80	1D
	STW8A12D-E1	5000K	0.2	65	33	2.88	178	Min. 80	1D
		2700K	0.2	65	30	2.88	160	Min. 80	1D
	STW8A12D	5000K	0.2	65	32	2.88	170	Min. 80	1D
		2700K	0.2	65	29	2.88	155	Min. 80	1D
	STW8A12D-S1	5000K	0.2	65	31	2.9	166	Min. 80	1D
		2700K	0.2	65	29	2.9	154	Min. 80	1D
STW8A2SD	5000K	0.6	100	98	6.1	160	Min. 80	2D	
	2700K	0.6	100	84	6.1	138	Min. 80	2D	
SAW8A32E-E2	5000K	0.9	100	144	9.2	157	Min. 80	2D	
	2700K	0.9	100	132	9.2	143	Min. 80	2D	
SAW8A62E-E2	5000K	0.9	50	144	18.3	157	Min. 80	2D	
	2700K	0.9	50	132	18.3	144	Min. 80	2D	

# LEDs for Indoor Lighting Applications

Seoul Semiconductor delivers best-in-class LED efficacy in cost-competitive LED packages, enabling lighting designers to maximize the competitiveness of their fixture designs.

High Performance LEDs	Part Number	CCT	Power (W)	Current (mA)	Flux (lm)	V <sub>f</sub> (V)	Efficacy (lm/W)	CRI (Ra)
3030-3V	STW8C2PB-E1	5000K	0.2	65	35.0	2.77	195	Min. 80
		2700K	0.2	65	32.7	2.77	182	Min. 80
	STW8C2PB-E2	5000K	0.2	65	36.1	2.74	203	Min. 80
		2700K	0.2	65	33.9	2.74	190	Min. 80
	STW8C12C	5000K	0.2	65	39	2.7	222	Min. 80
		2700K	0.2	65	36	2.7	205	Min. 80
3030-6V	STW8C2SB	5000K	0.6	100	95.8	6.11	157	Min. 80
		2700K	0.6	100	89.1	6.11	146	Min. 80
	SAW8C22B-IZ	5000K	0.9	150	146.6	6.11	160	Min. 80
		2700K	0.9	150	136.0	6.11	148	Min. 80
5630D	STW8Q14D-E3	5000K	0.2	65	37.8	2.78	209	Min. 80
		2700K	0.2	65	35.0	2.78	193	Min. 80
	STW8Q14D-E4	5000K	0.2	65	38.5	2.76	215	Min. 80
		2700K	0.2	65	35.5	2.76	198	Min. 80

High Value LEDs	Part Number	CCT	Power (W)	Current (mA)	Flux (lm)	V <sub>f</sub> (V)	Efficacy (lm/W)	CRI (Ra)
Y11-A	SZ8-Y11-W0-C8-A	5000K	0.4	150	65	2.75	158	Min. 80
		4000K	0.4	150	65	2.75	158	Min. 80
		3000K	0.4	150	59	2.75	143	Min. 80
Y11-B	SZ8-Y11-W0-C8-B	5000K	1.0	175	140	5.8	138	Min. 80
		4000K	1.0	175	140	5.8	138	Min. 80
		3000K	1.0	175	128	5.8	126	Min. 80
Y11-C	SZ8-Y11-W0-C8-C	5000K	1.0	115	136	8.6	138	Min. 80
		4000K	1.0	115	136	8.6	138	Min. 80
		3000K	1.0	115	124	8.6	125	Min. 80