

# LEDs for Indoor Lighting Applications

Best-in-class efficacy in cost-competitive LEDs

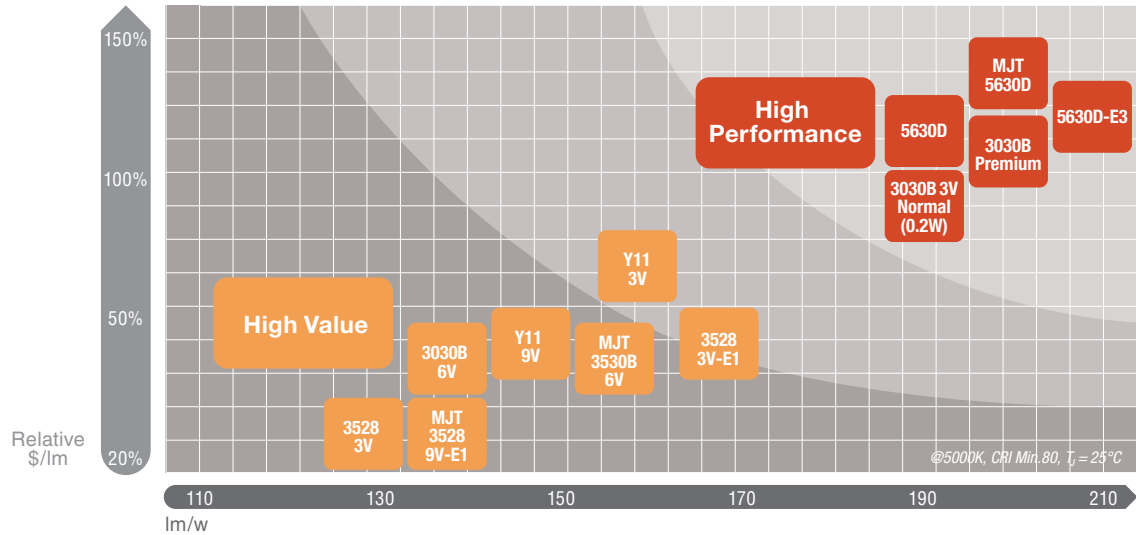


**SEOUL SEMICONDUCTOR**

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# 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)
3030B 3V	STW8C1SB	5000K	0.18	65	33.6	2.78	186	Min. 80
		2700K	0.18	65	30.3	2.78	186	Min. 80
3030B-E1	STW8C2PB-E1	5000K	0.18	65	34.4	2.70	191	Min. 80
		2700K	0.18	65	31.5	2.70	175	Min. 80
5630D-E3	STW8Q14D-E3	5000K	0.18	65	37.4	2.78	207	Min. 80
		2700K	0.18	65	33.7	2.78	186	Min. 80
MJT5630D	SAW8Q24D	4000K	0.18	32	36.1	5.5	205	Min. 80
		2700K	0.18	32	33.1	5.5	188	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 3V	SZ8-Y11-W0-C8-A	5000K	0.41	150	69	2.75	167	Min. 80
		4000K	0.41	150	69	2.75	167	Min. 80
		2700K	0.41	150	65	2.75	158	Min. 80
Y11 9V	SZ8-Y11-W0-C8-C	5000K	1.04	115	145	9.00	140	Min. 80
		4000K	1.04	115	145	9.00	140	Min. 80
		2700K	1.04	115	135	9.00	130	Min. 80
3030B 6V	STW8C2SB	5000K	0.58	100	74.4	5.80	128	Min. 80
		2700K	0.58	100	69	5.80	119	Min. 80
MJT3030B 6V	SAW8C22B-IZ/NZ	5000K	0.90	150	139	6.10	152	Min. 80
		2700K	0.90	150	128	6.10	140	Min. 80
3528 3V	STW8A12D	5000K	0.47	150	65.1	3.10	140	Min. 80
		2700K	0.47	150	58.5	3.10	126	Min. 80
3528-E1 3V	STW8A12D-E1	5000K	0.19	65	34	2.88	179	Min. 80
		2700K	0.19	65	31	2.88	165	Min. 80
3528-E2 3V	STW8A12D-E2	5000K	0.19	65	35	2.91	183	Min. 80
		2700K	0.19	65	32	2.91	168	Min. 80
3528-E3 3V	STW8A12D-E3	5000K	0.19	65	36	2.80	197	Min. 80
		2700K	0.19	65	32	2.80	178	Min. 80
MJT3528-E1 9V	SAW8A32E-E1	5000K	0.91	100	133	9.10	146	Min. 80
		2700K	0.91	100	121	9.10	133	Min. 80
MJT3528-E1 12V	SAW8A42E-E1	5000K	0.94	75	134	12.50	143	Min. 80
		2700K	0.94	75	126	12.50	134	Min. 80
MJT3528-E1 18V	SAW8A62E-E1	5000K	0.95	50	139	18.90	147	Min. 80
		2700K	0.95	50	128	18.90	135	Min. 80
MJT3528-E1 32V	SAW8AA2E-E1	5000K	0.94	30	133	31.40	141	Min. 80
		2700K	0.94	30	123	31.40	131	Min. 80
MJT3528-E1 36V	SAW8AC2E-E1	5000K	0.94	25	137	37.50	146	Min. 80
		2700K	0.94	25	127	37.50	135	Min. 80
MJT3528-E1 54V	SAW8AI2E-E1	5000K	0.93	17	132	54.80	142	Min. 80
		2700K	0.93	17	122	54.80	131	Min. 80