

Linear Series Reference Guide

Seoul Semiconductor is one of the top two independent (non-captive) LED manufacturers in the world, with an extensive portfolio of more than 12,000 patents in LED and driver technology. This linear series reference guide features an array of solutions that provide uniformity of light and color as well as easy installation with a Zhaga compatible mounting pattern. Working with an innovative leader like Seoul gives customers leading-edge technology, along with security against IP litigation.



HE Seoul's flagship high efficacy 5630 LEDs deliver efficacies up to 202 Lm/W	SE Seoul's flagship high efficacy 5630 LEDs deliver efficacies up to 189 Lm/W	Value Seoul's high performing & cost effective 3528 LEDs deliver efficacies up to 183 Lm/W	Industrial Utilizes Seoul's flagship high efficacy 5630 LEDs to deliver efficacies up to 194 Lm/W
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	Part Number	Dimensions (mm)	Typ Lm	Typ Lm/W	Typ IF (mA)	Typ VF (V)	Max IF (mA)	LED Package
	SMJD-3606036B-XXN100B33E038All	560*20	1330		195		390	
	SMJD-3611060B-XXN100C21E038All		2210	202	325	33.6	650	
	SMJD-3622120B-XXN100E42E038All	1120*20	4420		650		1300	
	SMJD-3607024B-XXN100B30E038All		1300		200		300	
	SMJD-3614048B-XXN100C60E038All	560*20	2600	190	400	33.6	600	
	SMJD-3621072B-XXN100D91E038All		3910		600		900	
	SMJD-3606024C-XXN100B10E038All		1100		175		280	
	SMJD-3612048C-XXN100C20E038All	560*20	2200	183	350	34.2	560	
	SMJD-3618072C-XXN100D30E038All		3300		525		840	
	SMJD-3624144B-XXN100E35E038All	560*20	4350	196.5	660	33.4	1650	
	SMJD-4253182B-XXN100J70E038All	1120*20	9700	182.5	1300	40.8	1820	

*Each series tested @ 25 degrees C 4000K Ra80

Key Applications



Certifications



Linear HE	Part Number (combine)		CCT
	SMJD-3606036B-XXN1	00B28G038All	3000
		00B28F038All	3500
		00B33E038All	4000
		00B33C038All	5000
	SMJD-3611060B-XXN1	00C13G038All	3000
		00C13F038All	3500
		00C21E038All	4000
		00C21C038All	5000
	SMJD-3622120B-XXN1	00E26G038All	3000
		00E26F038All	3500
		00E42E038All	4000
		00E42C038All	5000
Linear SE			
	SMJD-3607024B-XXN1	00B26G038All	3000
		00B26F038All	3500
		00B30E038All	4000
		00B30C038All	5000
	SMJD-3614048B-XXN1	00C53G038All	3000
		00C53F038All	3500
		00C60E038All	4000
		00C60C038All	5000
	SMJD-3621072B-XXN1	00D79G038All	3000
		00D79F038All	3500
		00D91E038All	4000
		00D91C038All	5000
Linear Value			
	SMJD-3606024C-XXN1	00B02G038All	3000
		00B07F038All	3500
		00B10E038All	4000
		00B10C038All	5000
	SMJD-3612048C-XXN1	00C04G038All	3000
		00C14F038All	3500
		00C20E038All	4000
		00C20C038All	5000
	SMJD-3618072C-XXN1	00D06G038All	3000
		00D20F038All	3500
		00D30E038All	4000
		00D30C038All	5000
Industrial Standard			
	SMJD-3624144B-XXN1	00E25G038All	3000
		00E25F038All	3500
		00E35E038All	4000
		00E35C038All	5000
	SMJD-4253182B-XXN1	00J45G038All	3000
		00J45F038All	3500
		00J70E038All	4000
		00J70C038All	5000

*Example Part Number: Linear HE 3000CCT = "SMJD-3606036B-XXN1 00B28G038All"