

SupaBrake Light Modulators comparison chart

	SB1	SB2	SBT-4K	SB3	notes:
Recommaned Application	Motorcycles	Motorcycles	3rd Brake Lights(cars & trucks)	Motorcycles	
Selectable Grace Period (Seconds)	12	6, 12, 24	0, 3, 6, 12	0, 3, 6, 9, 12, 15, 20, 30, 45, 60	How soon after brake has been applied to start modulation? 0s = off(starts right away)
Selectable Fequency (Hz)	7.5	4, 7.4, 12.5	4, 6, 8, 10, 12, 14, 16, 20	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	How fast or slow?
Selectable Modulation mode	1	3	8	10	More or less modulation
Selectable Slope	no	no	yes(4)	yes(9)	How compressed or stretched out you want the profile to be.
Decaying flash routine	Fixed(5%)	Fixed(5%)	Selectable(0%, 5% , 7%, 10%)	Selectable(0% - 15%)	Set to 0% to switch off or have it do its thing.
Possible profile	1	10	4096	108001	Possible combination. Yes you are reading right. >108 thousand for the SB3!
Stock mode (profile defeat)	yes	yes	no	yes	Set device to allow tail light to behave as stock without the need to phycally remove device.
Profile selected feedback	n/a	yes	n/a	yes	After new profile is programed device will give a feedback with program details.
Active profile verification	n/a	no	n/a	yes	Allows programed profile to be read without needing to reprogram.
Input De-bounce	yes	yes	no	yes	
Force-Flash Retrigger	yes	yes	no	yes	
Warranty	3 years	10 years	3 years	10 years	10 yr warranty for epoxied products only.
Plug&Play kit	yes	yes	yes	yes	
None plug and play kit (Universal)	no	no	yes	yes	
Extra pigtail harness(option)	no	yes	no	yes	Allows user to drive third party load.
Mech spec(mm)	15 x 36 x 53	8 x 24 x 35	8 x 24 x 35	8 x 24 x 35	
Input Voltage Range	9v-15v	9v-15v	9v-15v	9v-15v	
Constant load	10 Amps	8.5 Amps	3.0 Amps	5.30 Amps	
Quiescent current	8 mA	4 mA	0.01 mA - 1mA	1 mA	
Operating Temp	-40c to +85c	-40c to +80c	-30c to +50c	-40c to +80c	
Storage Temp	-40c to +105c	-40c to +95c	-40c to +90c	-40c to +95c	

Contact email@vizi-tec.com for more information