

EVERLIGHT AUTOMOTIVE



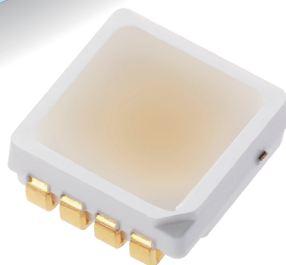
Product Application

- Automotive Interior Ambient Lighting
- Functional Lighting
- Roof Lighting



SMARTLED product family represents latest LED packing technology from Everlight.
SMARTLED stands for **S**mart **M**ulti **A**utomotive **R**GB **T**echnology **L**ED.

Smart Multi Automotive RGB Technology LED



SMART LED
EVERLIGHT

ISELED
INSIDE

Product Name		EL 3534-RGBISE0321L-AM
Package Size (mm)		3.5*3.4*1.3
Luminous intensity (@Typ. I _F)	Red	354mcd @ 12mA
	Green	843mcd @ 10mA
	Blue	102mcd @ 10mA
	White	1300mcd @ D65
Vcc Voltage (V)		5V
Max I _F		Red:25mA Green:80mA Blue:80mA
PWM Grayscale		8 bits
Transmission Frequency		2 MHz
Embedded Memory		
Calibrated to D65		
Red Chip Temperature Compensation		

Features:

1. Calibrated to 3 SDCM of D65 white point.
2. LED package embedded with driver IC (ISELED Standard) and on-chip memory.
3. Temperature compensation for red LED chip.
4. Built-in self-diagnostic function
5. Half duplex, bi-directional communication with transmission rate of 2Mbps.

GERMANY, KARLSRUHE
EVERLIGHT ELECTRONICS EUROPE GMBH
Siemensallee 84, Building 7302, 5F
76187 Karlsruhe, Germany
TEL: +49-721-82447-3
FAX: +49-721-82447-40
EMAIL: info@everlight-eu.de

MICHIGAN USA
EVERLIGHT AMERICAS INC.
28345 Beck Road, Suite 109
Wixom, MI, 48393
TEL: +1-734-224-9880 Ext:102
FAX: +1-734-224-9922
EMAIL: salesmarketing@everlightamericas.com

EVERLIGHT
AUTOMOTIVE