

EVERLIGHT

AUTOMOTIVE



Product Application

- Automotive Interior Ambient Lighting
- Functional Lighting
- Roof Lighting

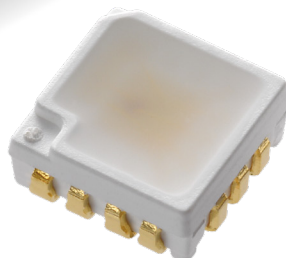


SMARTLED product family represents latest LED packing technology from Everlight.

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		EL3534-RGBISE0391L-AM
Package Size (mm)		3.5*3.4*1.3
Luminous intensity (@Typ. I _F)	Red	354mcd @ 17mA
	Green	843mcd @ 12mA
	Blue	102mcd @ 10mA
	White	1300mcd @ D65
Vcc Voltage (V)		5V
Max I _F		Red:26mA Green:26mA Blue:26mA
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.

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