



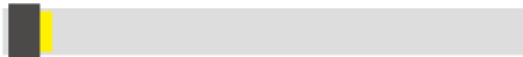
## Chips for Tail Lights

Brand new tail light design shows avant-grade fashion. EPISTAR's diversified product portfolio makes partners design easier.



### Prism Light Guide Design

- 0.1W~0.3W LED chip with 3D transparent plastic part with thin film surface
- 0.5W~1W LED with light guide



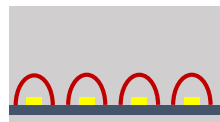
### 3D Design

- 0.1W~0.3W LED chip with mirrors



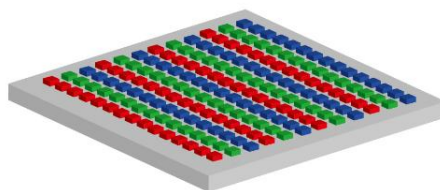
## Direct Reflector Design

- 0.1W~0.3W LED chip with reflector and outer lens



## Tail Light with Mini LED (Ultra Low Power)

- Mini LED chip (0.01W)



Power (mW)	Low Power	Mid Power		High Power
Product Type	PE07C	PN14R	PN20R	PN30R
Wd (nm)	SO (610~620 nm) HR (619~629 nm) SR (626~636 nm)	SO (610~620 nm) HR (619~629 nm) SR (626~636 nm)	SO (610~620 nm) HR (619~629 nm) SR (626~636 nm)	SO (610~620 nm) HR (619~629 nm) SR (626~636 nm)
Chip Size (mil)	7 x 12	14 x 14	20 x 20	30 x 30
Thickness (μm)	90	225	225	225
Luminous Intensity (mcd)	SO 180 HR 150 SR 100 @ 5 mA	SO 1150 HR 850 SR 640 @ 20 mA	SO 9600 HR 7700 SR 5200 @ 150 mA	SO 15300 HR 12000 SR 9500 @ 250 mA