

EVERLIGHT 2835 AT A GLANCE

POPULAR PRODUCTS GUIDE

| 80CRI P/Ns | 2700K | 3000K | 4000K | 5000K |
|--------------------------------|--------------|--------------|--------------|--------------|
| 0.2W 7-Step Standard | EAPL2835WD0 | EAPL2835WD1 | EAPL2835WD3 | EAPL2835WD4 |
| 0.2W 7-Step High Efficiency | EAHE2835WD0 | EAHE2835WD1 | EAHE2835WD3 | EAHE2835WD4 |
| 0.5W 7-Step | EAHP2835WD0 | EAHP2835WD1 | EAHP2835WD3 | EAHP2835WD4 |
| 1.0W 7-Step | EAHP2835WM0 | EAHP2835WM1 | EAHP2835WM3 | EAHP2835WM4 |
| 0.2W <3.5-Step | EAPL2835WD03 | EAPL2835WD13 | EAPL2835WD33 | EAPL2835WD43 |
| 0.2W <3.5-Step High Efficiency | EAHE2835WD03 | EAHE2835WD13 | EAHE2835WD33 | EAHE2835WD43 |
| 0.5W <3.5-Step | EAHP2835WD03 | EAHP2835WD13 | EAHP2835WD33 | EAHP2835WD43 |

| 90CRI P/Ns | 2700K | 3000K | 4000K | 5000K |
|----------------|--------------|--------------|--------------|--------------|
| 0.5W 7-Step | EAHC2835WD0 | EAHC2835WD1 | EAHC2835WD3 | EAHC2835WD4 |
| 0.2W <3.5-Step | EACL2835WC03 | EACL2835WC13 | EACL2835WC33 | EACL2835WC43 |

OTHER PRODUCTS AVAILABLE AT:
WWW.EVERLIGHTAMERICAS.COM

FREE EVERLIGHT 2835 PRODUCT SAMPLE

Order yours today and receive it within 24 hours!
E-mail to salesmarketing@everlightamericas.com

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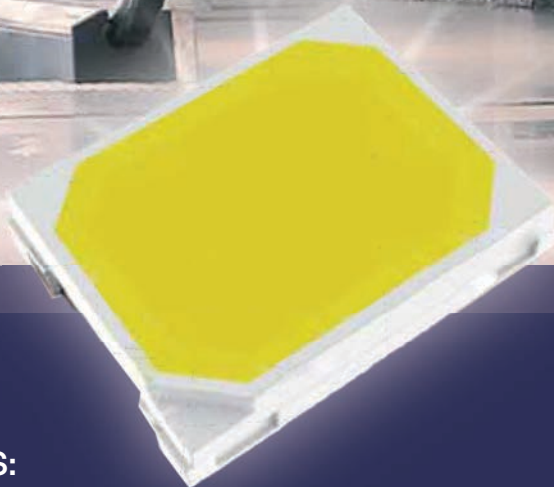
Maximizing lifecycles
with maximum respect
for the cycle of life.



Your source of information: enter www.everlightamericas.com for
all advanced EVERLIGHT optoelectronic products and updated
specifications. Structures and materials available on customer request.



Order your product sample today
and receive it within 24 hours!



EVERLIGHT 2835 LED SERIES:

SIZE DOWN &
LIGHT UP



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MEET THE ONE THAT OUTSHINES ALL:

2835^{LED SERIES}

IS THE FUTURE 5630 PACKAGE

IDEAL REPLACEMENT FOR 3030 & 3014 PACKAGES

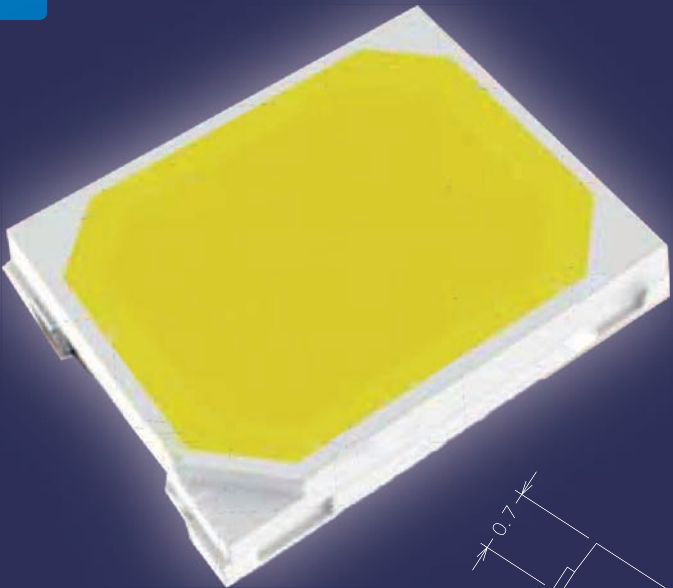
LM80 Test Report 10,000 HOURS



INTRODUCING THE SUPERIOR PRODUCT CHARACTERISTICS OF EVERLIGHT 2835 LED SERIES

SIGNIFICANTLY SMALLER

Compact package size 2.8x3.5mm with low thickness of 0.7mm



HIGHLY EFFICIENT

High efficiency up to 190lm/W with excellent thermal dissipation

IMPRESSIVELY COST-EFFECTIVE

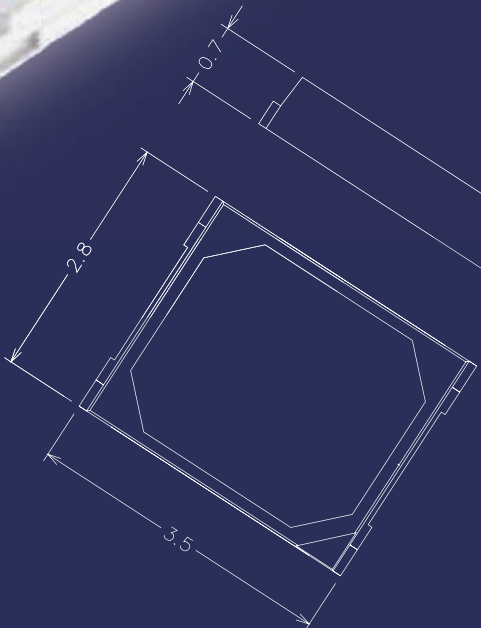
Best price-performance ratio in the low/mid power segment

EQUALLY BRIGHT

EVERLIGHT 2835 provides comparable luminosity to 5630, 3030, and 3014

IMPRESSIVE LIGHT APPEARANCE

90CRI, ultra cold white and numerous color versions available



Providing exactly the one you need:

THE EVERLIGHT 2835 LOW & MID POWER LED SERIES

0.2W, 0.5W and 1.0W

Ideal for panel, linear and down lighting

| Version | 0.2 Watt Standard | 0.2 Watt High Efficiency | 0.5 Watt Standard | 1.0 Watt |
|----------------------------|------------------------------------|--------------------------|-------------------|-------------------------|
| Example P/Ns 4000K | EAHL2835WD33 | EAHE2835WD33 | EAHP2835WD33 | EAHP2835WM3 |
| Package | 2835 | | | |
| Test DC Current | 60mA | 65mA | 150mA | 150mA |
| Maximum DC Current | 75mA | 180mA | 180mA | 180mA |
| Forward Voltage at Test mA | 2.8-3.3V | 2.5-3.2V | 2.8-3.5V | 5.6-7.0V |
| Flux at Test Current | 24-39lm | 29-39lm | 55-76lm | 120-170lm |
| Efficiency at 65mA | Up to 140lm/W | Up to 180lm/W | Up to 150 lm/W | Up to 140lm/W |
| Color Temperature Binning | Less than 3.5-step MacAdam Ellipse | | | 7- Step MacAdam Ellipse |
| Minimum CRI | 80 | | | |
| Category | Low Cost | High Efficiency | High Brightness | Highest Brightness |

90 CRI

For high CRI needs

| Version | 0.2 Watt with High CRI | 0.5 Watt with High CRI |
|----------------------------|------------------------------|------------------------------|
| Example P/Ns 4000K | EACL2835WC33 | EAHC2835WD3 |
| Package | 2835 | |
| Test DC Current | 60 mA | 150mA |
| Maximum DC Current | 75mA | 180mA |
| Forward Voltage at Test mA | 2.9-3.6V | 2.8-3.4V |
| Flux at Test Current | 19-33lm | 53-70lm |
| Efficiency at 65mA | up to 130lm/W | up to 150lm/W |
| Color Temperature Binning | <3.5-STEP MacAdams | 7-Step |
| Minimum CRI | 90 | 90 |
| Category | Standard Brightness High CRI | High Brightness and High CRI |