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# DURIS® E 2835 Color

(Product Info)

OSRAM Opto Semiconductors | OS IL | September 2020



**OSRAM**  
Opto Semiconductors

# DURIS® E 2835 Color (Product Info update)

## Product Brief



### 2835 LED 0.5W

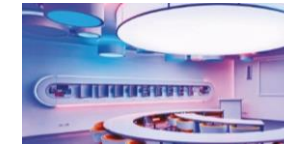


**Provide \$ value Mid-Power LED and standard foot print with wide range of color**

- 2.8 x 3.5 mm<sup>2</sup> PCT package with 120 degree beam angle
- Standardize market foot print
- Value for \$

### Applications:

- Architectural Lighting
- Accent & Effect Lighting
- Horticulture Lighting



| Type         | L dom | Color |            | Binning      | typ. Vf (V) | typ. Power (W) | typ. output | Typ. Eff. | PPF/W       |
|--------------|-------|-------|------------|--------------|-------------|----------------|-------------|-----------|-------------|
| GD JTLPS1.14 | 455nm |       | Deep Blue  | 150mA / 25°C | 2.95        | 0.5            | 286mW       | 66%       | 2.42 μmol/J |
| GB JTLPS1.13 | 465nm |       | Blue       |              | 3.2         | 0.5            | 11lm        | 23lm/W    | -           |
| GT JTLPS1.13 | 525nm |       | True Green |              | 2.95        | 0.5            | 68lm        | 154lm/W   | -           |
| GR JTLPS1.23 | 620nm |       | Red        |              | 2.16        | 0.5            | 24lm        | 74lm/W    | -           |
| GH JTLPS1.24 | 660nm |       | Hyper Red  |              | 2.2         | 0.5            | 132mW       | 38%       | 2.18 μmol/J |
| GF JTLPS1.24 | 730nm |       | Far Red    |              | 1.9         | 0.5            | 104mW       | 37%       | 0.30 μmol/J |
| GP JTLPS1.14 | NA    |       | Purple     |              | 2.86        | 0.5            | 203mW       | 46%       | 2.01 μmol/J |

# Product Ordering Info

## DURIS® E 2835 Color – (0.5W) Ordering Q code

| Devices      | Color     | Q code description               | Q code      | Datasheet   |
|--------------|-----------|----------------------------------|-------------|-------------|
| GR JTLPS1.23 | Red       | GR JTLPS1.23-G7H4-45-1-150-R33   | Q65113A1052 | Version 1.3 |
| GT JTLPS1.13 | Green     | GT JTLPS1.13-KKLN-25-1-150-R33   | Q65113A1047 | Version 1.3 |
| GB JTLPS1.13 | Blue      | GB JTLPS1.13-FVG6-23-1-150-R33   | Q65113A1049 | Version 1.2 |
| GD JTLPS1.14 | Deep Blue | GD JTLPS1.14-MFN8-25-1-150-R33   | Q65113A1051 | Version 1.2 |
| GH JTLPS1.24 | Hyper Red | GH JTLPS1.24-K5L2-1-1-150-R33    | Q65113A1048 | Version 1.3 |
| GF JTLPS1.24 | Far Red   | GF JTLPS1.24-KXK5-1-1-150-R33    | Q65113A1050 | Version 1.3 |
| GP JTLPS1.14 | Purple    | GP JTLPS1.14-M2N1-P1P2-1-150-R33 | Q65113A1493 | Version 1.1 |

# Product Info update

## DURIS® E 2835 Color – (0.5W)

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- Available Color: Red, Green, Blue, Deep Blue, Hyper Red, Far Red and Purple
- Standard footprint of 2.8 mm x 3.5 mm
- ESD withstand voltage 2kV

| Devices                               | Pre-series sample         | LM80                | Datasheet                  | Start of Production                              |
|---------------------------------------|---------------------------|---------------------|----------------------------|--|
| Red, Green, Blue                      | Available in Sample Store | 3000 hours Oct 2020 | Refer to Sales & Marketing | Standard lead time<br>Refer to Sales & Marketing |
| Deep Blue, Hyper Red, Far Red, Purple | Available in Sample Store | 3000 hours Nov 2020 | Refer to Sales & Marketing | Standard lead time<br>Refer to Sales & Marketing |

Note: info subjected to change

**Thank you.**

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