

www.osram-os.com

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

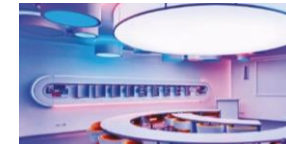


Provide \$ value Mid-Power LED and standard foot print with wide range of color

- 2.8 x 3.5 mm² 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)

- 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 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 Refer to Sales & Marketing |

Note: info subjected to change

Thank you.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Osram Opto Semiconductor:

[GB JTLPS1.13-FVG6-23-1-150-R33](#) [GD JTLPS1.14-MFN8-25-1-150-R33](#) [GF JTLPS1.24-KXK5-1-1-150-R33](#) [GH JTLPS1.24-K5L2-1-1-150-R33](#) [GP JTLPS1.14-M2N1-P1P2-1-150-R33](#) [GR JTLPS1.23-G7H4-45-1-150-R33](#) [GT JTLPS1.13-KKLN-25-1-150-R33](#)