

## **PRODUCT CHANGE NOTIFICATION**

PCN Number: 722

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Issue:                     | 05/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PCN Effective Date:                | 05/07/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Last Time Buy Date:                | na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Last Time Ship Date:               | na                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Type of Change:                    | DS update                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Title of Change:                   | DS update for 4304H5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description and Reason for Change: | <p>Item remains active but some electrical specifications have changed. Please see product specifications section.</p> <p>Changes Summary:</p> <p>Forward Current IF (mA): from 25 to 20<br/>Luminous Intensity Min. (mcd): from 5.6 to 30<br/>Luminous Intensity Typ. (mcd): from 16 to 45<br/>Luminous Intensity Max. (mcd): - to 60<br/>Dominant Wavelength (nm) from 572 to 570<br/>Viewing Angle 2θ 1/2 (degrees): from 40 to 45<br/>Power Dissipation (mW): from 75 to 60<br/>Reverse Voltage (V): from 3 to 5<br/>Operating Temperature Topr (°C): from (-20C to +85C) to (-30C to +85C)<br/>Storage Temperature Tstg (°C): from (-30C to +100C) to (-40C to 90C)</p> |

Mario Davila

Product Manager: M.Davila



| AFFECTED PART NUMBER(s)        |                                                         |                      |                                      |                                                              |
|--------------------------------|---------------------------------------------------------|----------------------|--------------------------------------|--------------------------------------------------------------|
| Manufacturer Part Number (MPN) | Description                                             | Discontinued per PCN | Suggested Alternative Part Number(s) | Description of the Alternative Number                        |
| 4304H5                         | LED Through Hole 5mm (T-1 3/4) Green 572 nm 16 mcd 2.1V | NO                   | NA                                   | Item remains active, but some electrical specs have changed. |
|                                |                                                         |                      |                                      |                                                              |
|                                |                                                         |                      |                                      |                                                              |
|                                |                                                         |                      |                                      |                                                              |

**4304H Series  
5mm (T-1 3/4) Solid State  
LED Lamps**

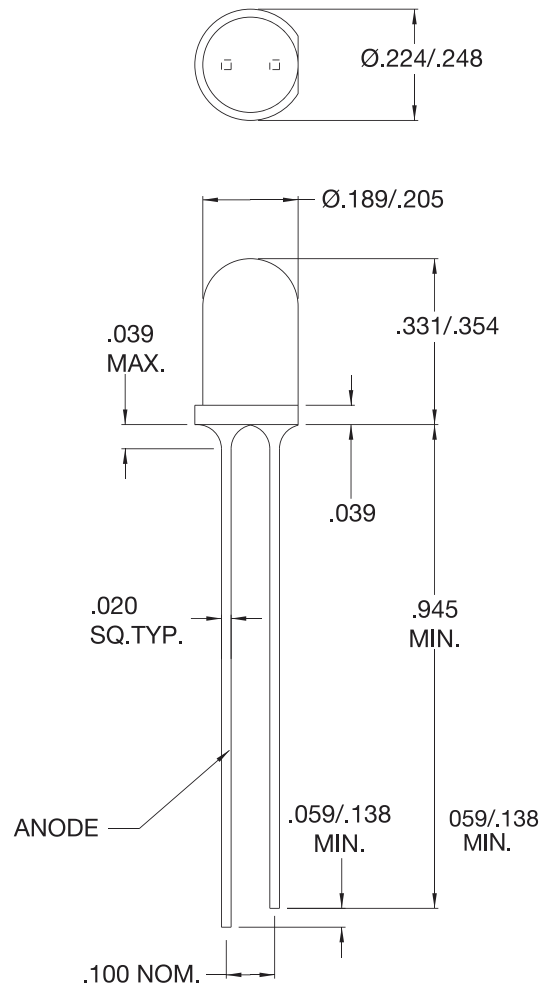
Through-hole LED with low power consumption. available in red, green, amber and yellow.

**Applications**

- Electronic Signs and Signals
- Small Area Illuminations
- Front Panel Indicator
- Electrical Panels
- Back Lighting
- Appliances

**Key Features**

- 5mm (T-1 3/4) LED
- Emitted color: red, green, amber and yellow
- Low power consumption
- Long life – solid state reliability
- RoHS and REACH Compliant



## Note:

1. All dimensions are in inches



## Product Specifications

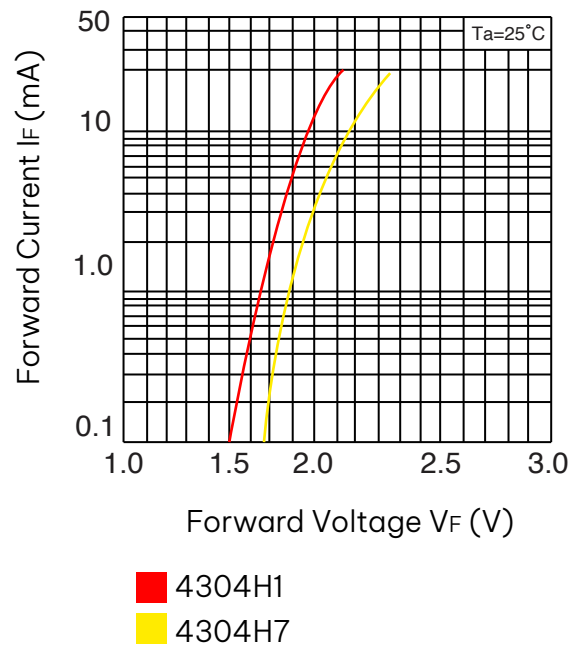
| Part number                             | 4304H1          | 4304H3          | 4304H5         | 4304H7          |
|-----------------------------------------|-----------------|-----------------|----------------|-----------------|
| Output Color                            | Red             | Amber           | Green          | Yellow          |
| Diffusion                               | Diffused        | Diffused        | Diffused       | Diffused        |
| Package Color                           | Red             | Amber           | Green          | Yellow          |
| Forward Current I <sub>F</sub> (mA)     | 20              | 25              | 20             | 20              |
| Forward Voltage Typ. V <sub>F</sub> (V) | 2.0             | 1.9             | 2.1            | 2.1             |
| Luminous Intensity Min. (mcd)           | 3.6             | 24.8            | 30             | 5.6             |
| Luminous Intensity Typ. (mcd)           | 10              | -               | 45             | 16              |
| Luminous Intensity Max. (mcd)           | -               | 63.4            | 60             | -               |
| Dominant Wavelength (nm)                | 630             | 605             | 570            | 587             |
| Viewing Angle 2Ø 1/2 (degrees)          | 40              | 60              | 45             | 40              |
| Power Dissipation (mW)                  | 60              | 135             | 60             | 60              |
| Reverse Voltage (V)                     | 3               | 5               | 5              | 3               |
| Operating Temperature Topr (°C)         | -20°C to +85°C  | -40°C to +100°C | -30°C to +85°C | -20°C to +85°C  |
| Storage Temperature Tstg (°C)           | -30°C to +100°C | -40°C to +100°C | -40°C to +90°C | -30°C to +100°C |



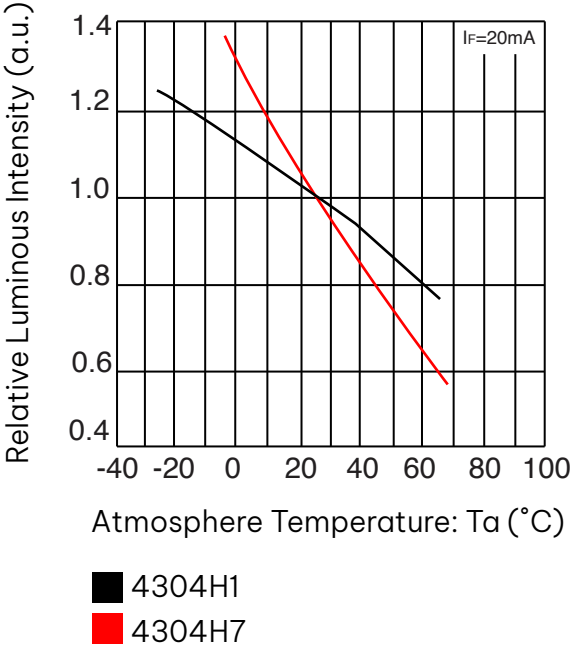
# Product Specifications

## Electrical Characteristics Curves

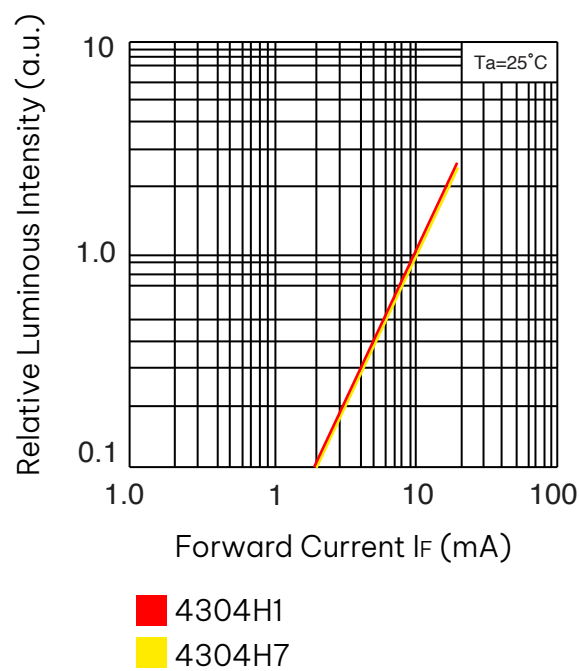
Forward Current vs. Forward Voltage



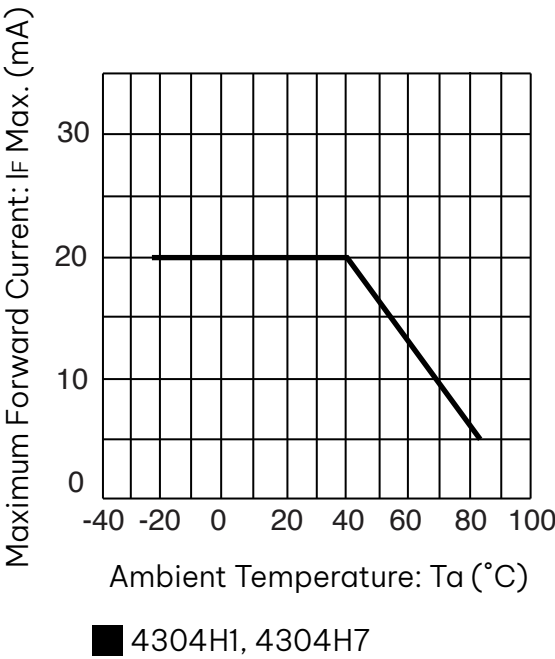
Luminous Intensity vs. Atmosphere Temperature



Luminous Intensity vs. Forward Current



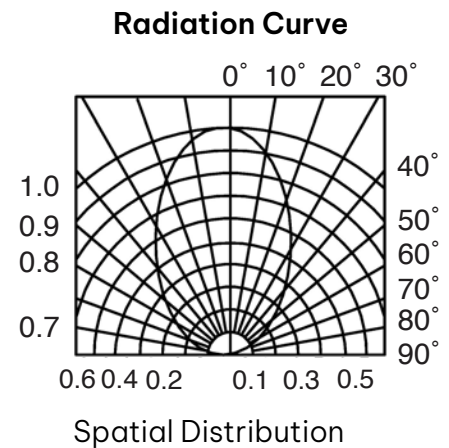
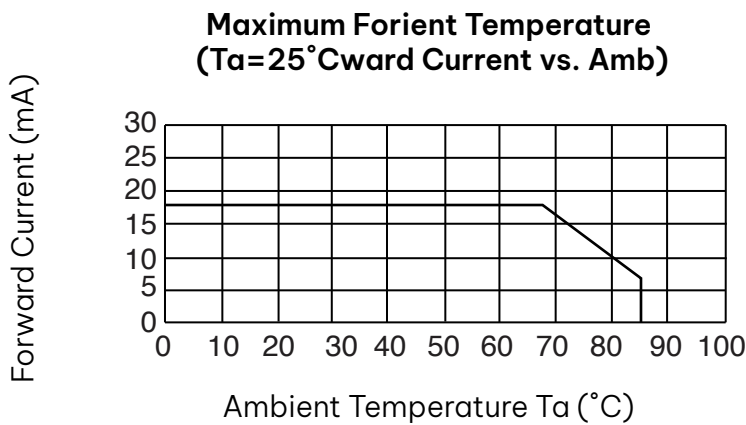
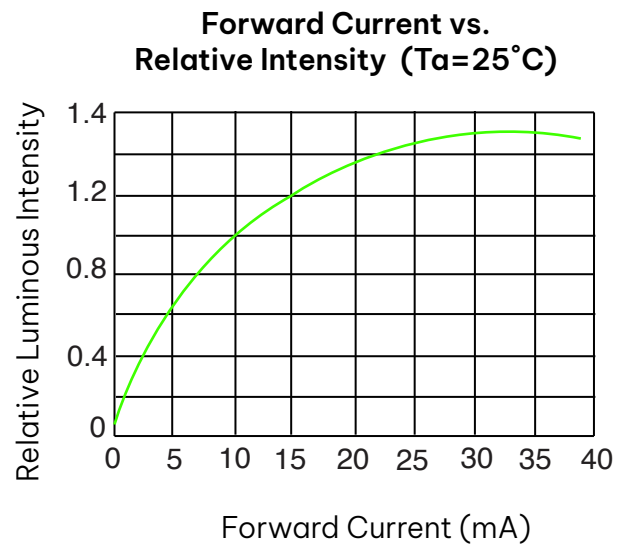
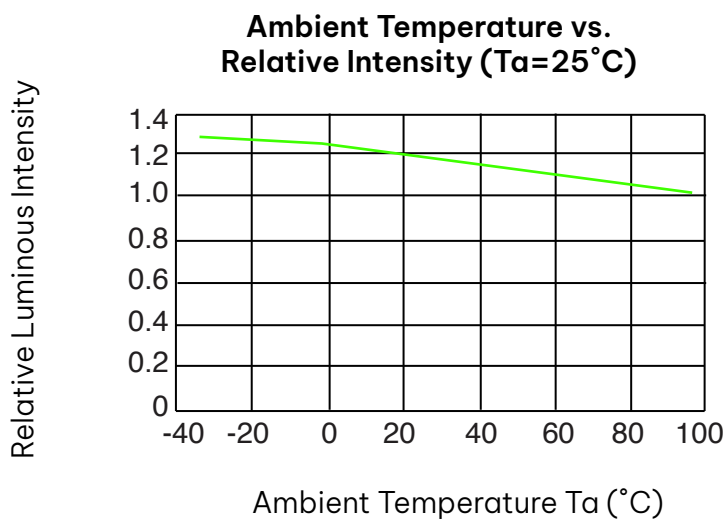
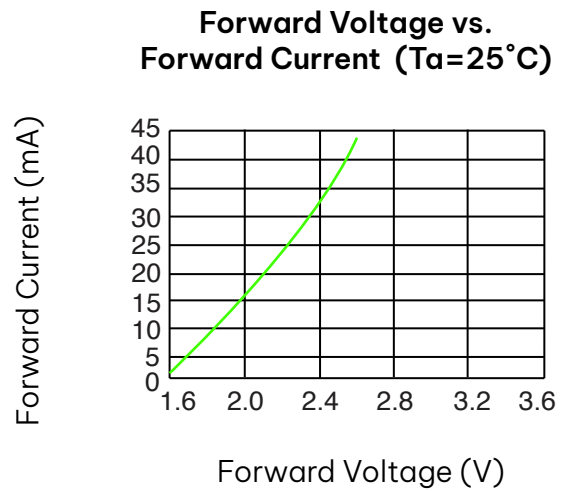
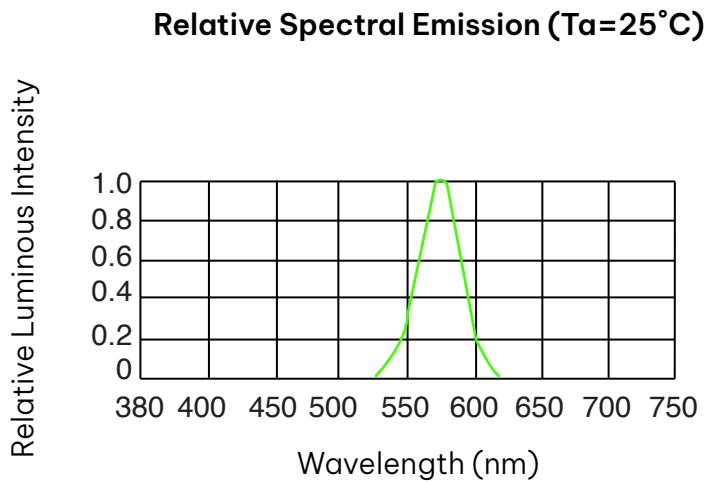
Derating





# Product Specifications

## Electrical Characteristics Curves

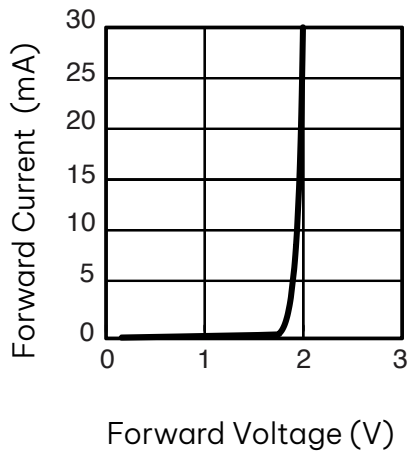




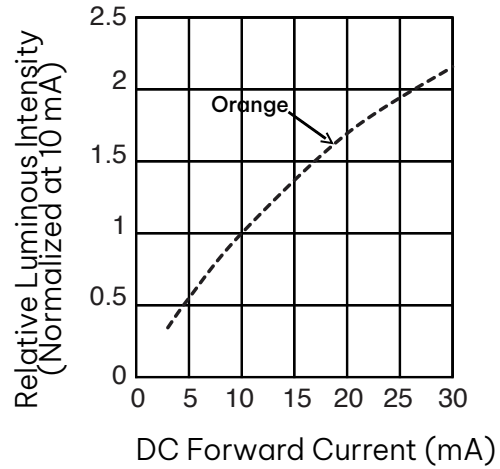
## Product Specifications

Electrical Characteristics Curves (Only for 4304H3)

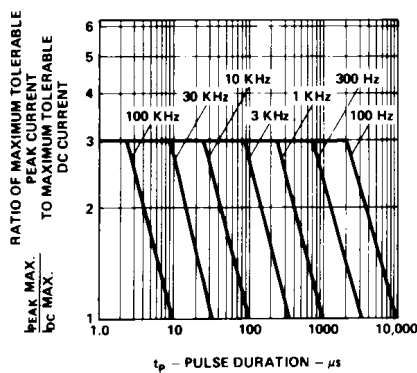
**Figure 2: Forward Current vs. Forward Voltage Characteristics**



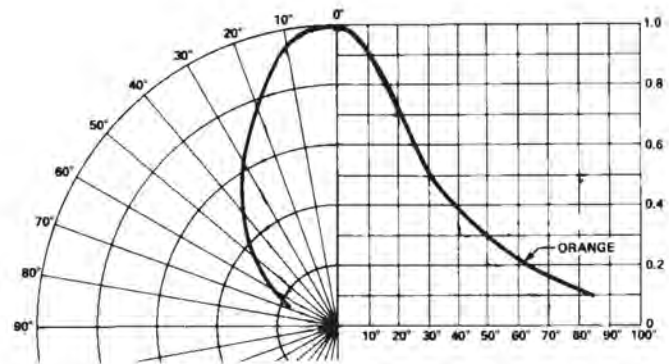
**Figure 3: Relative luminous Intensity vs. DC Forward Current**



**Figure 4: Maximum Tolerable Peak Current vs. Duration ( $I_{dc}$  MAX as per MAX ratings)**



**Figure 5: Relative Luminous Intensity vs. Angular Displacement**



## Compliance & approvals

