



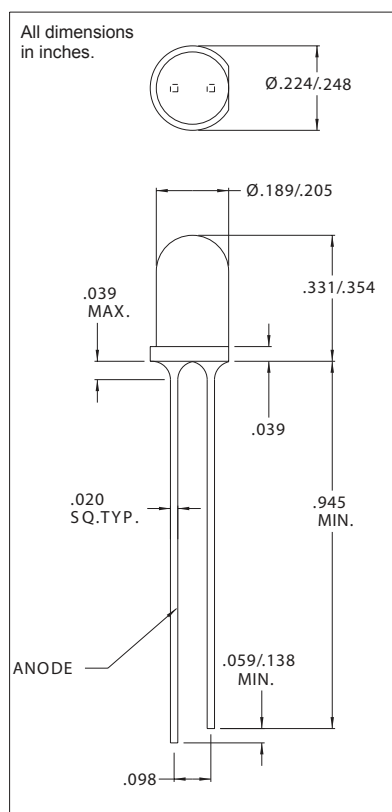
## 4304H Series Solid State LED Lamps T-1 3/4 (5mm)



### Key Features

- Low power consumption
- T-1 3/4 diameter package
- 4 colors available: red, amber, green and yellow
- Long life - solid state reliability
- Reliable and rugged

### Product Dimensions

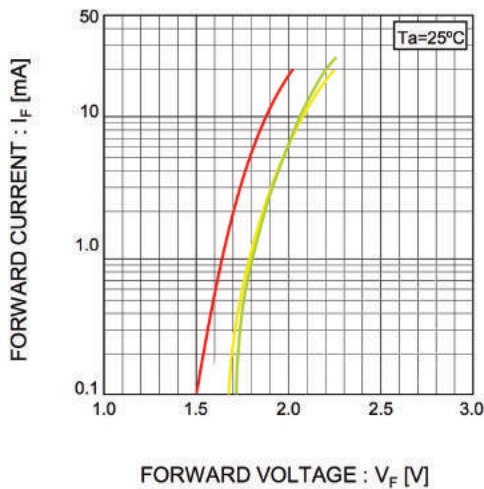


## Product Specifications

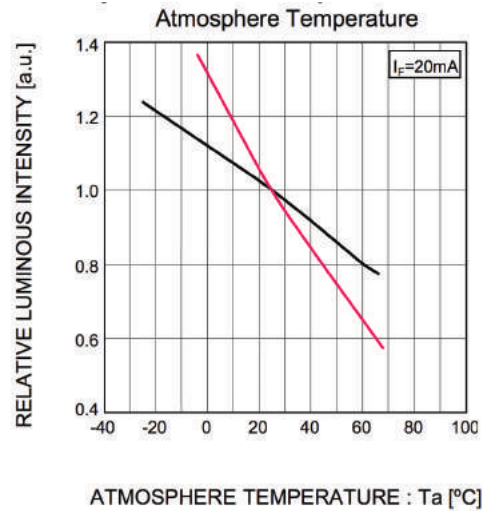
| PART NUMBER                    | 4304H1   | 4304H3   | 4304H5   | 4304H7   |
|--------------------------------|----------|----------|----------|----------|
| Output Color                   | Red      | Amber    | Green    | Yellow   |
| Diffusion                      | Diffused | Diffused | Diffused | Diffused |
| Package Color                  | Red      | Amber    | Green    | Yellow   |
| Test Current (mA)              | 10       | 10       | 10       | 10       |
| Forward Voltage Typ. (V)       | 2.0      | 1.9      | 2.1      | 2.1      |
| Luminous Intensity Min. (mcd)  | 3.6      | 3.8      | 5.6      | 5.6      |
| Luminous Intensity Typ. (mcd)  | 10       | -        | 16       | 16       |
| Luminous Intensity Max. (mcd)  | -        | 9.7      | -        | -        |
| Dominant Wavelength (nm)       | 630      | 602      | 572      | 585      |
| Viewing Angle 20 1/2 (degrees) | 40       | 60       | 40       | 40       |
| Power Dissipation (mW)         | 60       | 135      | 75       | 60       |
| Reverse Voltage (V)            | 3        | 5        | 3        | 3        |

## Electrical Characteristics Curves

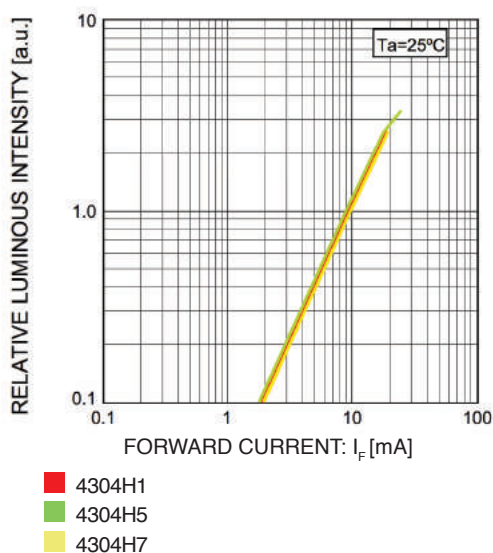
Forward current vs. forward voltage



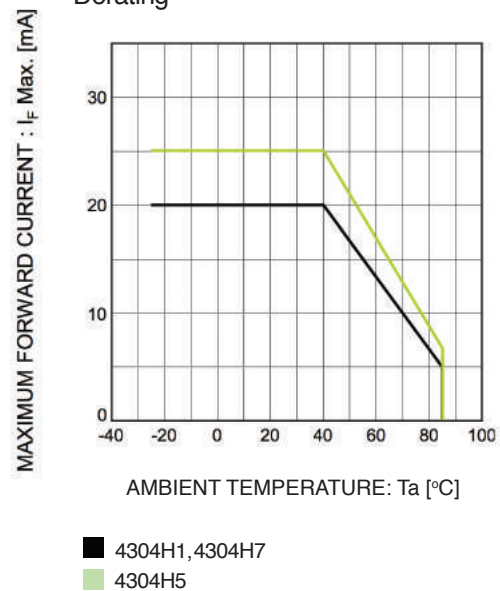
Luminous Intensity vs. Atmosphere Temperature



Luminous Intensity vs. Forward Current

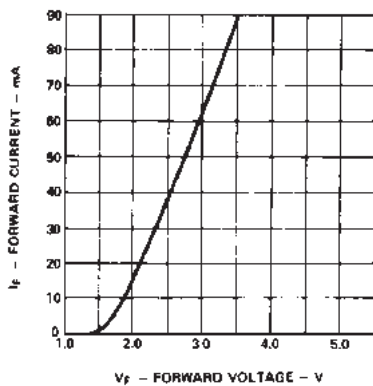


Derating

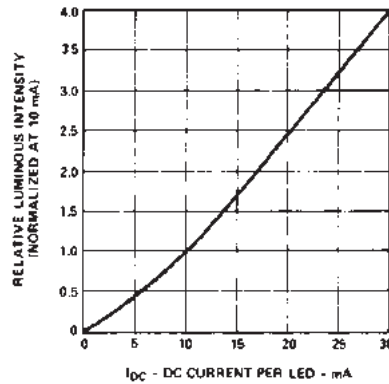


## Electrical Characteristics Curves

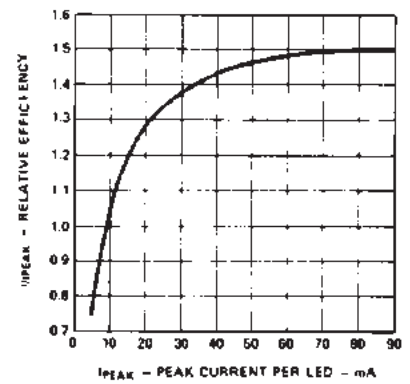
Color: Amber (4304H3)



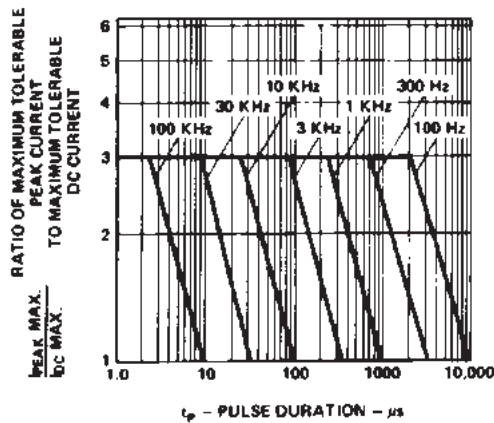
Forward current vs. forward voltage characteristics



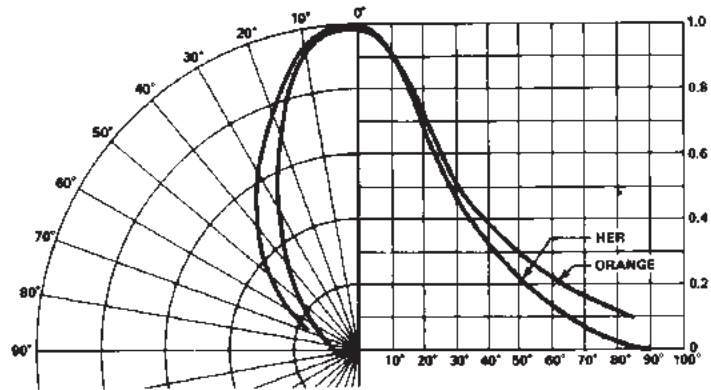
Relative luminous intensity vs. DC forward current



Relative efficiency (luminous intensity per unit current) vs. peak LED current



Maximum tolerable peak current vs. pulse duration. ( $I_{DC}$  MAX as per MAX ratings)



Relative luminous intensity vs. angular displacement

## Compliances and Approvals

