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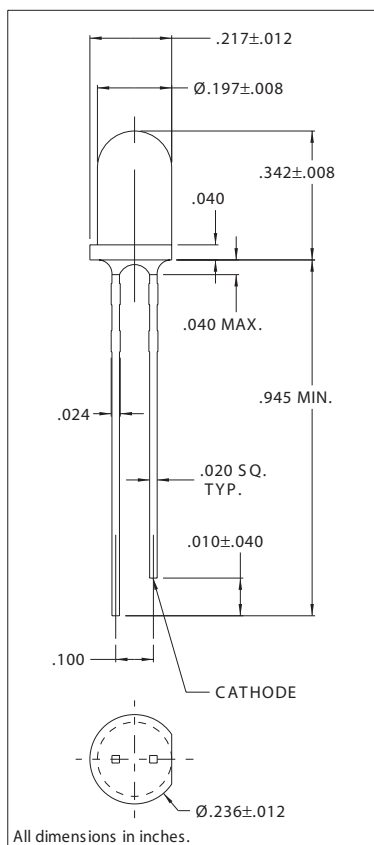
[Visual Communications Company, LLC](#)  
[4305H7](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## 4305H Solid State LED Lamps-Ultra Brite 120 mcd T-1 3/4 (5mm)

### Description and Features



- T-1 3/4 Ultra Brite LEDs
- Narrow beam viewing angle
  - High-intensity light output

### Electro-Optical Characteristics and Ratings

| PART NUMBER                        | 4305H1       | 4305H5       | 4305H7       |
|------------------------------------|--------------|--------------|--------------|
| Output Color                       | Red          | Green        | Yellow       |
| Diffusion                          | Non-Diffused | Non-Diffused | Non-Diffused |
| Package Color                      | Red          | Green        | Yellow       |
| Test Current (mA)                  | 20           | 20           | 20           |
| Forward Voltage Typ. (V)           | 2.1          | 2.2          | 2.2          |
| Forward Voltage Max. (V)           | 3.0          | 3.0          | 3.0          |
| Luminous Intensity Min. (mcd)      | 20           | 30           | 56           |
| Luminous Intensity Typ. (mcd)      | 68           | 100          | 160          |
| Capacitance @ V=0                  | 45           | 20           | 45           |
| Peak Wavelength (nm)               | 650          | 563          | 585          |
| Viewing Angle 2θ 1/2 (degrees)     | 30           | 30           | 30           |
| Power Dissipation (mW)             | 75           | 75           | 75           |
| Reverse Breakdown Voltage Min. (V) | 5            | 5            | 5            |