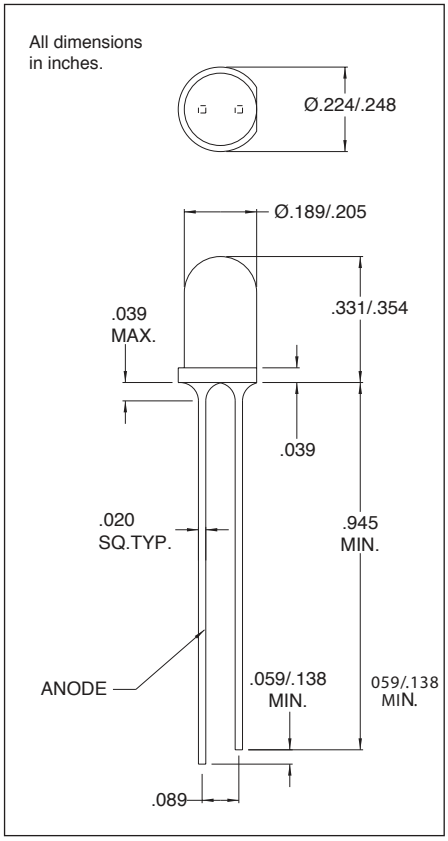
4304H Series
Solid State LED Lamps
T-1 3/4 (5mm)

Key Features

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

Product Dimensions

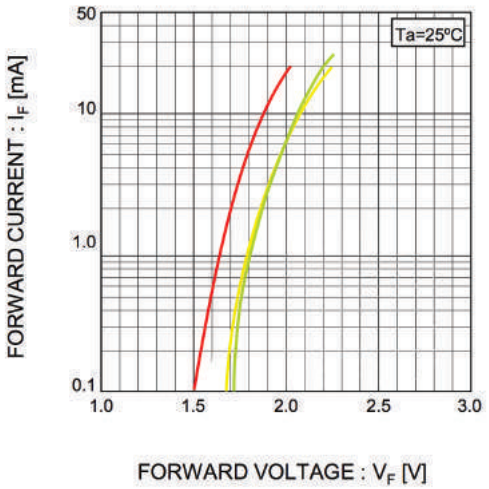


Ordering Data

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_F (mA)	20	25	25	20
Forward Voltage Typ. V_F (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	587
Viewing Angle 2θ 1/2 (degrees)	40	60	40	40
Power Dissipation (mW)	60	135	75	60
Reverse Voltage (V)	3	5	3	3
Operating Temperature T_{opr} (°c)	-20 to +85	-40 to +100	-20 to +85	-20 to +85
Storage Temperature T_{stg} (°c)	-30 to +100	-40 to +100	-30 to +100	-30 to +100

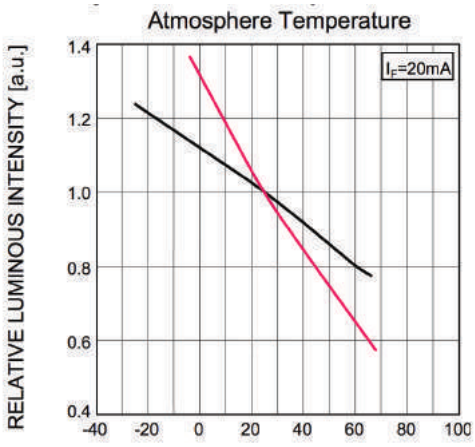
Electrical Characteristics Curves

Forward current vs. forward voltage



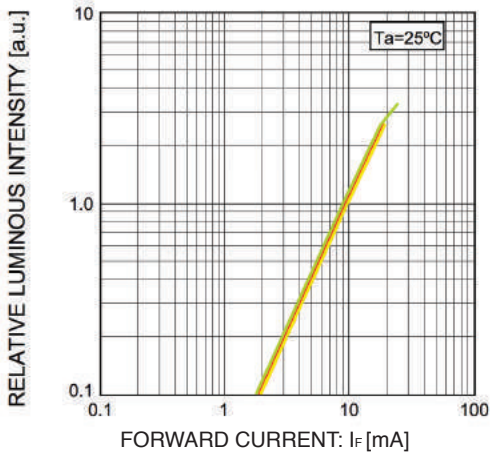
4304H1
4304H5
4304H7

Luminous Intensity vs. Atmosphere Temperature



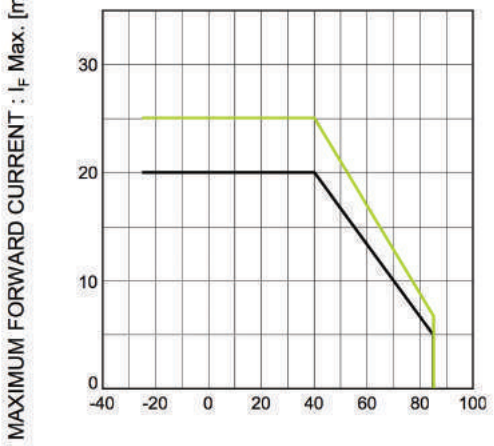
4304H1,4304H5
4304H7

Luminous Intensity vs. Forward Current



4304H1
4304H5
4304H7

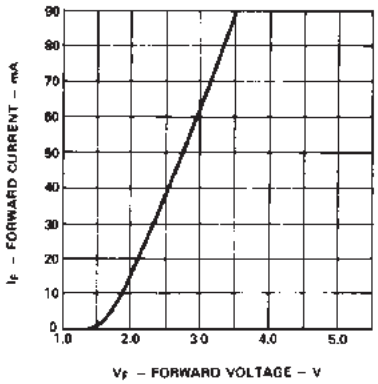
Derating



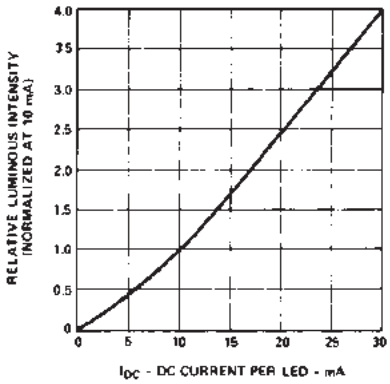
4304H1,4304H7
4304H5

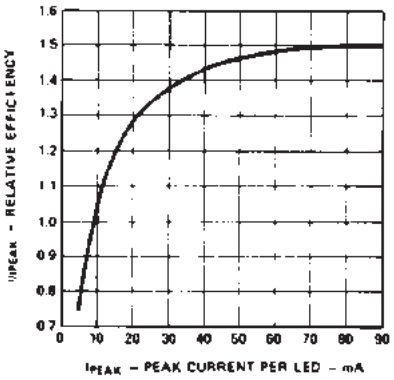
Electrical Characteristics Curves

Only for 4304H3

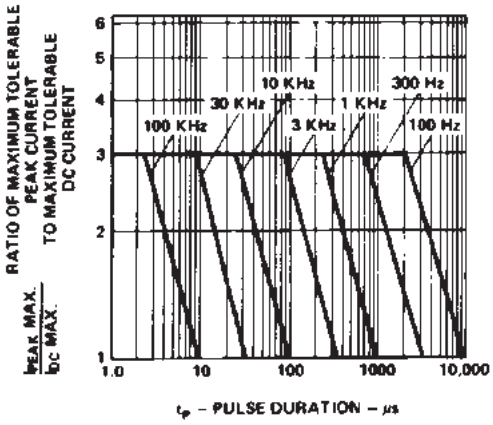


Forward current vs. forward voltage characteristics

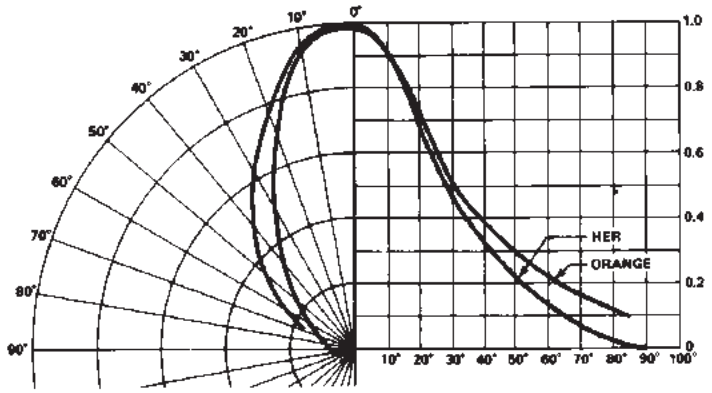




Relative efficiency (luminous intensity per unit current) vs. peak LED current



Maximum tolerable peak current vs. pulse duration.(IDC MAX as per MAX rating)



Relative luminous intensity vs. angular displacement

Compliances and Approvals