



LED TYPE (LED TYP):

Color (Farbe): yellow-yellow

Chip-Type: AlInGaP

# GLLR5400-YY

Case (Gehäuse): diffuse+colored

## Light Emitting Diodes (round 5 mm)

### • Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

Parameter	Symbol	Value			Unit	Condition
		Min	Typ	Max		
Dominant Wavelength	$\lambda_{\text{DOM}}$	584	589	594	nm	$I_F = 20\text{ mA}$
Spectral Bandwidth, 50%	$\Delta\lambda$	-	16	-	nm	$I_F = 20\text{ mA}$
Viewing Angle	$2\phi_{1/2}$	-	25	-	Deg.	-
Luminous Intensity	$I_v$	-	400	-	med	$I_F = 20\text{ mA}$

### • Electrical Characteristics ( $T_a = 25^\circ\text{C}$ )

Parameter	Symbol	Value			Unit
		Min	Typ	Max	
Power Dissipation ( $P_{\text{tot}}$ ), $T_A = 25^\circ\text{C}$	$P_D$	-	50	-	mW
Forward Current	$I_F$	-	20	-	mA
Forward Voltage ( $I_F = 20\text{ mA}$ )	$U_F$	-	2,1	2,4	V
Reverse Voltage ( $I_R = 10\text{ uA}$ )	$U_R$	-	5	-	V
Operating Temperature	$T_{\text{OP}}$	-40 ~ 85			$^\circ\text{C}$
Storage Temperature	$T_{\text{STG}}$	-50 ~ 120			$^\circ\text{C}$
Soldering Temperature	$T_{\text{SOLD}}$	250 $^\circ\text{C}$ 5 seconds maximum			-

