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Dialight Corporate Video

Presentation at LightFair 2007 - "Presentation of White LEDs" : by Ian Ferguson, Georgia Tech in conjunction with Dialight Corp. [View PDF File](#)

Application Notes
FAQs

Dialight Ltd (UK)
Dialight Garufo
Dialight BLP
LumiDrives

Circuit Board Indicators - Surface Mount Indicators

P/N# **5973002307F**

PLCC-2 Single Color

Description	SMD LED PLCC R
Package Options	2,000 pcs on 7" reel
Product Type	Surface Mount Indicators
Sub Product Type	Discrete LED 597 Series
Configuration	PLCC-2 Package
Lamp Type	Single Color
Viewing Angle	120 degree
Test Current (mA)	20mA

Absolute Maximum Ratings (Ta = 25 °)

Forward Current Continuous	30 mA
Forward Current Pulse	100 mA
Derating	from 40° @ .42mA/°C
Operating Temp	-55~+100° C
Storage Temp	-55~+100° C
Peak Wave Length	630


RoHS /pB Free
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Operating Characteristics

LED Position	
Color	Red
Lamp Type	Single Color
LED Type	AlInGaP
Intensity Min (mcd)	112.5
Intensity Typ (mcd)	140.0
Intensity Max (mcd)	
Fwd Voltage Min	
Fwd Voltage Typ	2.2
Fwd Voltage Max	2.6
Dom Wavelength Min (nm)	
Dom Wavelength Typ (nm)	
Dom Wavelength Max (nm)	
Power Dissipation Max (mW)	72
Backlighting	
Pitch Between Vertical	
Pitch Between Horizontal	
Lum Intensity Min	
Lum Intensity Typ	
Lum Intensity Max	

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597-3002-307F