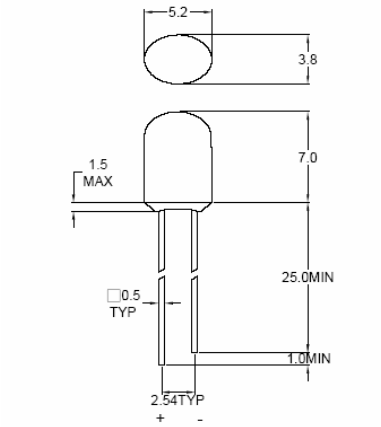
LED lamp W-40x110WD

Color	Type	Technology	Case
White	W-40x110WD	InGaN/GaN	plastic oval lens, milky diffused



Absolute Maximum Ratings at T_a = 25°C

Parameter	Test conditions	Symbol	Value	Unit
Forward current		I_F	30	mA
Peak forward current	Duty 1/10, f≤10 kHz	I_{FP}	100	mA
Power dissipation		P_D	120	mW
Reverse voltage	I_R=10 μA	V_R	5	V
Reverse current	U_R=5 V	I_R	50	μA
Electrostatic discharge	Human body model	ESD	150	V
Operating temperature		T_{opr}	-20 to +80	°C
Storage temperature		T_{stg}	-30 to +100	°C
Lead soldering temperature	5 sec max, 2 mm from body	T_{sol}	260	°C

Electrical and Optical Characteristics at T_a = 25°C

Parameter	Test conditions	Symbol	Min.	Typ.	Max.	Unit
Forward voltage	I_F = 20 mA	V_F		3.3	4.0	V
Luminous intensity	I_F = 20 mA	I_V	1100	1500		mcd
Luminous flux	I_F = 20 mA	Φ_V		1300		mlm
Radiant power	I_F = 20 mA	Φ_e		6.5		mW
Viewing angle	I_F = 20 mA	φ		V40/ H110		deg.

Power Light Systems GmbH, Kinzerallee 20, D-12555 Berlin, Germany, tel.: +49-30-6501-7868, fax: +49-30-6501-7869
www.led-eshop.de, email: sales@led-eshop.de