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5mm White LED

Part #: RL5-W6030 | UPC: 84778101184

In Stock

\$0.79 ea.

Qty: 1

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Product AD	300	1	300
Product AE	310	1	310
Product AF	320	1	320
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Product AH	340	1	340
Product AI	350	1	350
Product AJ	360	1	360
Product AK	370	1	370
Product AL	380	1	380
Product AM	390	1	390
Product AN	400	1	400
Product AO	410	1	410
Product AP	420	1	420
Product AQ	430	1	430
Product AR	440	1	440
Product AS	450	1	450
Product AT	460	1	460
Product AU	470	1	470
Product AV	480	1	480
Product AW	490	1	490
Product AX	500	1	500
Product AY	510	1	510
Product AZ	520	1	520
Product BA	530	1	530
Product BB	540	1	540
Product BC	550	1	550
Product BD	560	1	560
Product BE	570	1	570
Product BF	580	1	580
Product BG	590	1	590
Product BH	600	1	600
Product BI	610	1	610
Product BJ	620	1	620
Product BK	630	1	630
Product BL	640	1	640
Product BM	650	1	650
Product BN	660	1	660
Product BO	670	1	670
Product BP	680	1	680
Product BQ	690	1	690
Product BR	700	1	700
Product BS	710	1	710
Product BT	720	1	720
Product BU	730	1	730
Product BV	740	1	740
Product BW	750	1	750
Product BX	760	1	760
Product BY	770	1	770
Product BZ	780	1	780
Product CA	790	1	790
Product CB	800	1	800
Product CC	810	1	810
Product CD	820	1	820
Product CE	830	1	830
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Product CG	850	1	850
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Product CU	990	1	990
Product CV	1000	1	1000
Product CW	1010	1	1010
Product CX	102		

RL5-W6030 5mm through hole Cool White LED. 5,900K color temperature Cool White LED, 6,000mcd. with 30 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

Color	Cool White	Color Temperature	5900 K
Continuous Forward Current	30	Forward Voltage	3.4V
LED Package	5 mm (T-1 3/4)	Lens Color	Clear
Lumen	1.2 Lumen	Maximum Forward Voltage	4V
Millicandela	6000mcd	Operating Temperature	-25--+80
Peak Forward Current	70mA	Power Dissipation	120mW
Reverse Current	100	Reverse Voltage	5V
Storage Temperature	-30--+100	Tube Diameter	T1-3/4
Viewing Angle	30 degree	Wattage Consumption	0.102 Watts

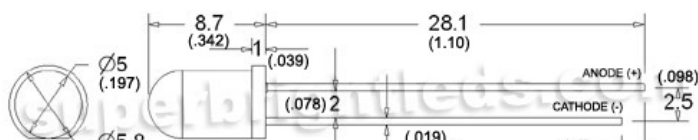
Part Number: RL5-W6030 - Super-White LED (GaN/InGaN)

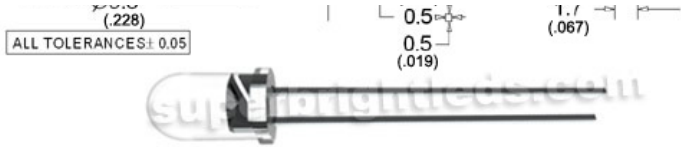
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	120	mW
Continuous Forward Current	IF	30	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	70	mA
Reverse Voltage	VR	5	V
Operating Temperature	TA	-25~+80	°C
Storage Temperature	TSTG	-30~+100	°C
Reverse Current (VR=5V)	IR	100	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

optoelectronic characteristics:

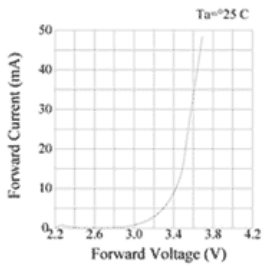
	PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
	View Angle of Half Power	2θ1/2		30	Degree	
	Forward Voltage	V _F	4.0	3.4	V	I _F =20mA
	CIE 1931 Chromaticity Coordinates	ȳ _P		x=.303;y=.325		
	Luminous Intensity	I _V		6000	mc d	I _F =20mA



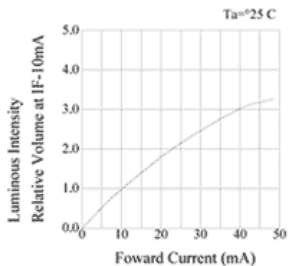


Dimensions in millimeters (inches)

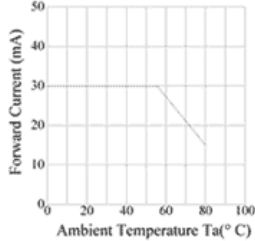
FORWARD CURRENT VS. FORWARD VOLTAGE



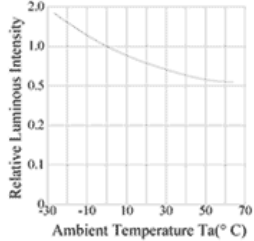
RELATIVE INTENSITY VS. FORWARD CURRENT



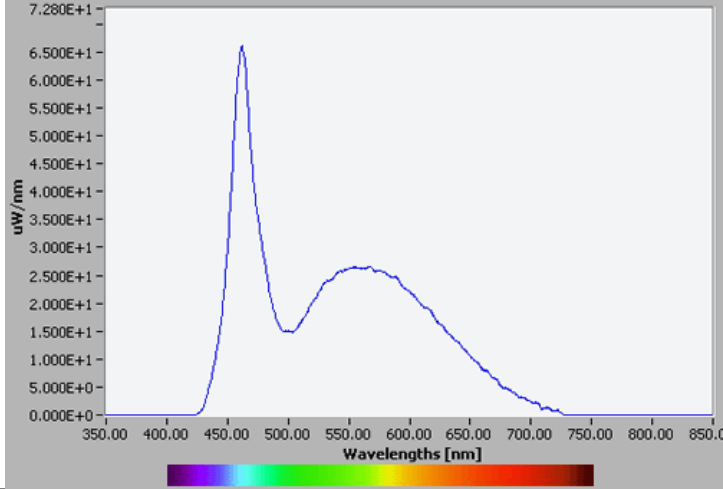
FORWARD CURRENT VS. AMBIENT TEMPERATURE



RELATIVE INTENSITY VS. AMBIENT TEMPERATURE



Spectral Graph



Customers Also Purchased

