 无锡德盟光电科技有限公司 <i>Demo Photech</i> <i>Demo Photoelectric Technology (Wuxi) Co., Ltd.</i>	Model:	DMPT-50346-05B-BM-C
	Description:	LED Bulb, 5mm, Blue Color, Clear Lens, High Brightness

SPECIFICATION SHEET

Description

LED Bulb, 5mm, Blue color, Clear Lens, High Brightness

Part Number

DMPT-50346-05B-BM-C

Electrical / Optical Characteristics at TA=25

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	3.0	3.2	3.5	V	$I_F = 20 \text{ mA}$
Luminous intensity	I_V	7000	8000	10000	mcd	$I_F = 20 \text{ mA}$
Peak emission wavelength	λ_p	460	465	470	nm	❖
Half intensity angle	$\Delta \theta$	❖	20	❖	deg	❖

Absolute Maximum Ratings at TA=25

Parameter	Maximum Rating
Power Dissipation	80mW
Peak Forward Current (1/10 Duty Cycle, 0. Pulse Width)	100mA
Continuous Forward Current	25mA
Derating Linear From 30°C	0.8mA/°C
Reverse Voltage	5V
Operating Temperature Range	-20°C to +80°C
Storage Temperature Range	-30°C to +100°C
Lead Soldering Temperature (1.6mm From Body)	260°C for 5 Seconds



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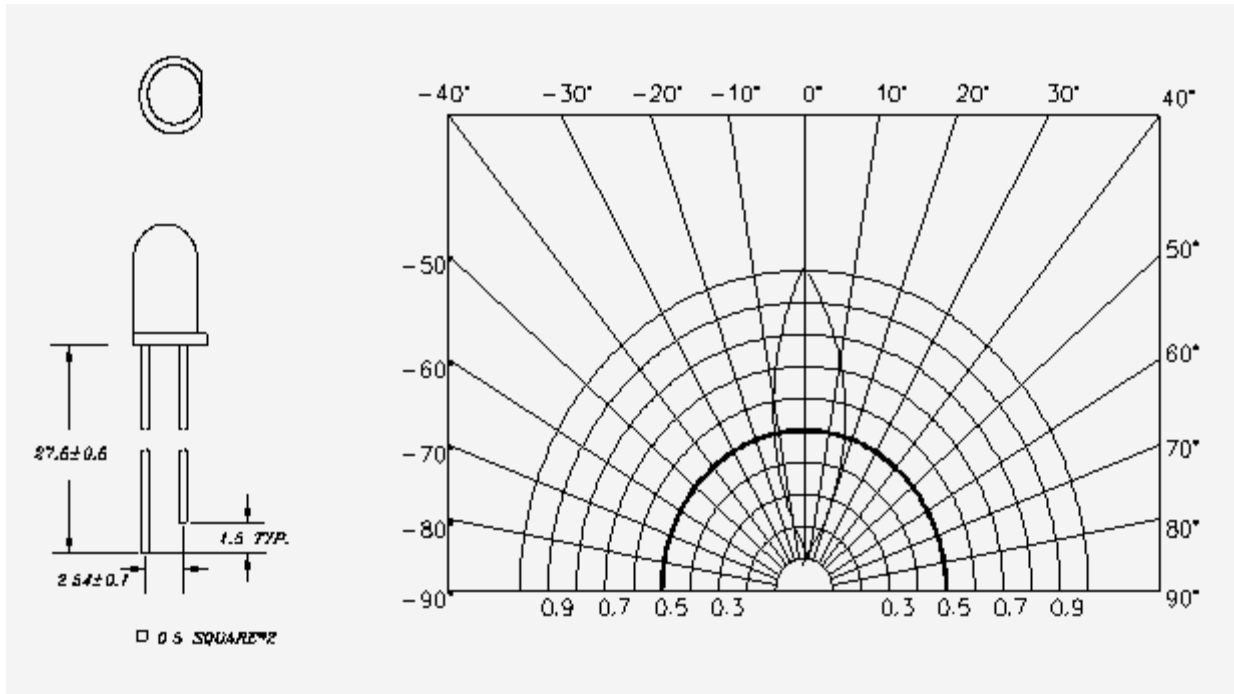
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Package Dimensions and Spatial Distribution



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (0.010 ") unless otherwise noted.
3. Protruded resin under flange is 1.0mm (0.04 ") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Product picture & dimensions are for reference only. Detailed information is in accordance with the final product.

The end.