



■ Description

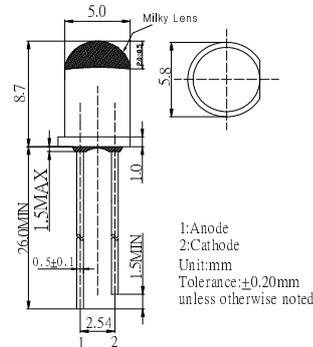
- 50pcs LED are supplied in a storage box
- Easy to use and storage, user-friendly
- High luminous LEDs
- 5mm round standard directivity
- UV resistant epoxy
- Available in all colors
- Water clear body with milky top lens

■ Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■ Outline Dimension

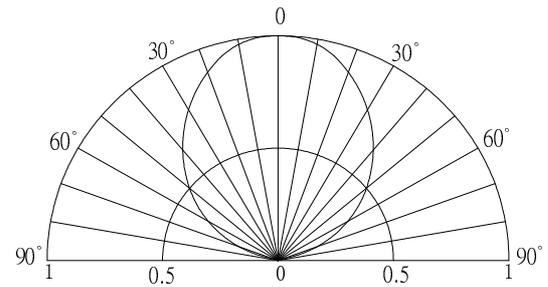
50pcs/Box (Dimensions: 80*54*30mm)



■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		R/Y/O	B/PG/PK/W	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	78	102	mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40 ~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

■ Directivity



#Pulse width Max.10ms Duty ratio max 1/10

■ Electrical -Optical Characteristics (Ta=25°C)

Milky Lens LED	Red	Yellow	Orange	Blue	Pure Green	Pink	Warm White	Cool White
Kit Box P/N	OKLEDT5050R5L	OKLEDT5050Y5L	OKLEDT5050O5L	OKLEDT5050B5L	OKLEDT5050G5L	OKLEDT5050K5L	OKLEDT5050M3L	OKLEDT5050WAL
LED P/N	OSSREA51A5A	OS5YEA51A5A	OSSOPM51A5A	OSB5SA51A5A	OSG5DA51A5A	OSK5DK51A5A	OSM5DK51A5A	OSW5DK51A5A
Light Color	Red	Yellow	Orange	Blue	Pure Green	Pink	Warm White	Cool White
Lens Color	Milky Top							
WD*1/CCT*2	620-630nm	585-595nm	600-610nm	465-475nm	520-530nm	X:0.45 Y:0.17	2700-3300K	8500-18000K
Luminous Flux (typ.)*3	3000mcd	3000mcd	3000mcd	2180mcd	3000mcd	1560mcd	4200mcd	5800mcd
Forward Voltage*4	1.8-2.6V	1.8-2.6V	1.8-2.6V	2.7-3.4V	2.7-3.4V	2.7-3.4V	2.7-3.4V	2.7-3.4V
Forward Current	20mA							
Viewing Angle(typ.)	100°	100°	100°	100°	100°	100°	100°	100°
Quantity(pcs)/Box	50	50	50	50	50	50	50	50

*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of color temperature is ±10%

*3 Tolerance of measurements of luminous intensity is ±15%

*4 Tolerance of measurements of forward voltage is ±0.1V

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