Kingbright

LINEARLIGHT FLEX MODULE



ATTENTION **OBSERVE PRECAUTIONS** FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE

DEVICES

PRELIMINARY SPEC

Features

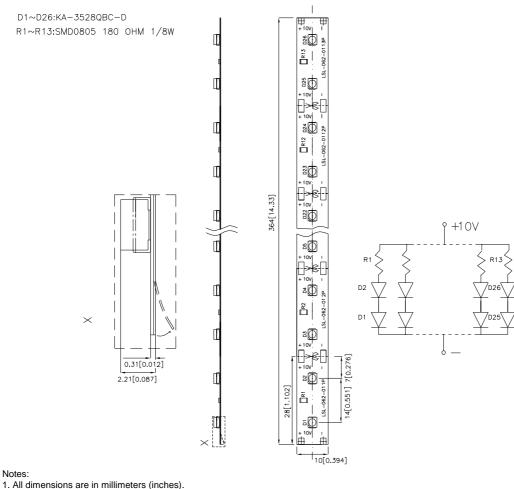
- LSL-062-05 ON A 10 MM WIDE FLEXIBLE PCB WITH SELF-ADHESIVE BACK.
- ENTIRE MODULE CONSISTS OF 26 LED, VIEWING ANGLE 120 ° PER LED.
- LED SPACING: 14 MM.
- LENGTH OF ENTIRE PCB: 364 MM.
- MAXIMUM LENGTH OF PCB WITH POWER FEED AT ONE END: 1820 MM.
- LENGTH OF SMALLEST UNIT (2 LED): APPROX. 28 MM.
- HIGH BRIGHTNESS SMD LED.
- RoHS COMPLIANT.

Package Dimensions

LSL-062-05B

Applications

- BACKLIGHTING OF DIFFUSED GLASSES IN LIGHT ADVERTISEMENT.
- BORDER MARKER.
- INDIRECT ILLUMINATION.
- ESCAPE ROUTE MARKER.
- STAIR MARKERS.



- 2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
- 3. Lead spacing is measured where the leads emerge from the package.

4. Specifications are subject to change without notice.

SPEC NO: DSAE7253 **APPROVED: J. Lu**

REV NO: V.2 CHECKED: Allen Liu DATE:FEB/22/2005 **DRAWN: Y.CHENG**

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Operating Data (Ta=25°C)

Parameter	Symbol	Value	Unit
Colour of Emission	-	BLUE	-
Number of LEDS	-	26	-
Nominal Wavelength (typ)	λ dom	470	nm
TempCoeff.of λdom (typ)	TC λ dom	0.06	nm/°C
Spectr.Line Half-width (typ)	∆کا/2	25	nm
Luminous Intensity (typ) (Per LED)	lv	200	mcd
TempCoeff.of Lum.Int (typ)	TCiv	-0.16	%/°C
Viewing Angle (Per LED) (typ)	2φ	120	o
Nom.Operating Voltage	VB	+10.5	VDC
Operating Current (typ)	Ів	300	mA
TempCoeff.of IB (typ)	ТСів	+0.09	%/°C
Nom. Power Consumption	Р	3.2	W
Weight (approx.)	М	3.2	g

Maximum Ratings

Parameter	Symbol	Value	Unit
Operating Temperature at TC-Point	TC	-30~+85	°C
Storage Temperature	Tstg	-40~+85	°C
Maximum Current when connected in parallel	IBMAX	1.6	A
Operating Voltage	V	+10~+11	VDC
Power Consumption	Ptot	3.6	W

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