SPECIFICATION

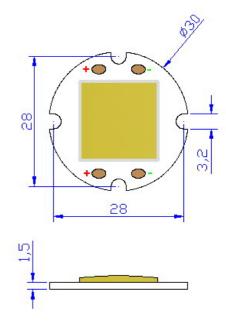
Part No. ' 157-7K'

Features:

- High radiometric power per LED
- Very long operating life (up to 100K hours)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- Good color uniformity
- NO UV
- Superior ESD protection
- Easy installation with Screws
- High Heat dissipstion Efficiency

Typical Applications:

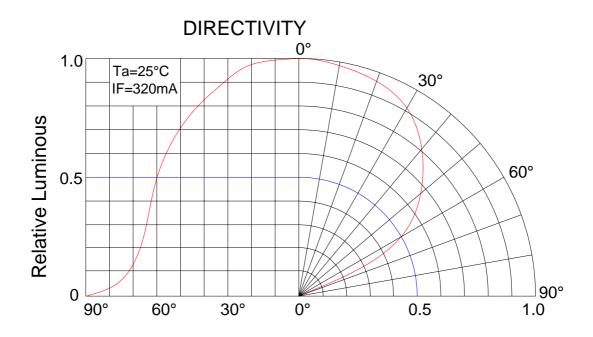
- Reading lights(car,bus,aircraft)
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn,
 CHMSL, Mirror Side Repeat)
- Decorative/Entertainment
- Dental curing lights
- Uplighters/Downlighters
- Bollards/Security/Garden
- Cove/Undershelf/Task
- Indoor/Outdoor Commercial and Residential Architectural
- Automotive Ext(stop-Tail-Turn)
- Street Lamp



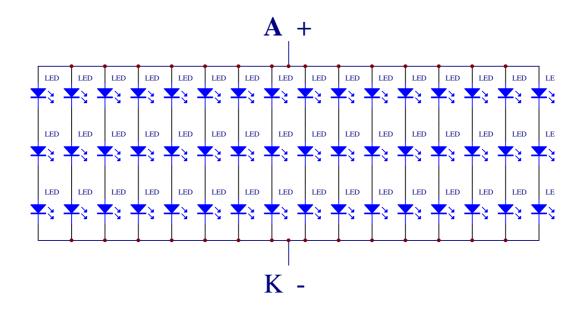
NOTE:

- All dimensions are millimeter.
- Tolerance is ±0.1mm unless otherwise noted.
- It is strongly recommended that the temperature of lead be not higher than 60 .
- The appearance and specifications of the product may be modified for improvement without notice.

Part No. '' J57- 7K



Circuit Diagram:



SPECIFICATION

Part No. : 'J57-7K'

Absolute maximum ratings (Ta = 25)

Doromotor	Symbol	Test Condition	Value		I Imit
Parameter			Min.	Max.	Unit
DC Forward Current	IF			400	mA
Peak Pulse Current	Ipeak	Duty=0.1mS , 1kHz		800	mA
Power Dissipation	Pd			3.5	W
LED Junction Temperature	Tj			120	
Operating Temperature	Topr		-25	+80	
Storage Temperature	Tstr		-40	+100	
ESD Sensitivity		HBM	8000		V
Soldering Temperature			220 fc	or 5 Second	ls max

Electrical and optical characteristics (Ta = 25)

Davamatav	Symbol	Test Condition	Value			l loit
Parameter			Min.	Тур.	Max.	Unit
Forward Voltage	VF		9.0	9.2	10	V
Luminous Flux	V			180		lm
Viewing Angle	2 1/2	IF = 320mA		120		Deg.
Color Temperature	CCT				3600	K

Luminous Flux Bins (Ta = 25)

Bin	Q	R	S	Т
Min	140	160	180	200
Max	160	180	200	240

CCT Bins (Ta = 25

Bin	W0	W1	W2
Min		3000	3300
Max	3000	3300	3600

Note

- 1 . Flux is measured with an accuracy of $\pm 15\%$
- 2 . CCT is measured with an accuracy of $\pm 200 \text{K}$
- 3. Forward Voltage is measured with an accuracy of \pm 0.15V

Unit: Im

Unit: K