

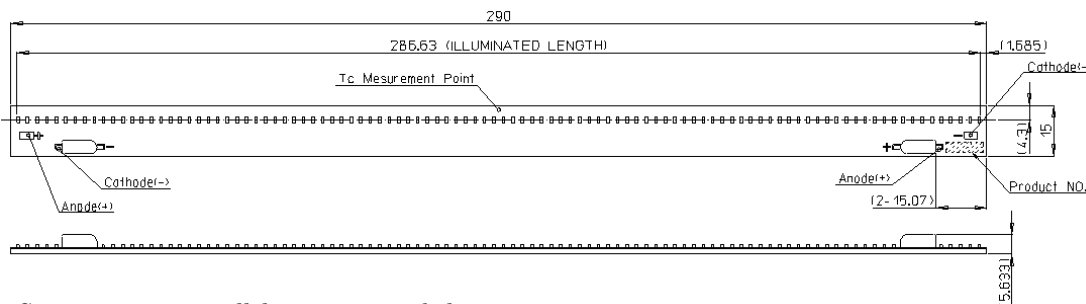
Line Light Souce L-CM series for General Lighting

L-CM011

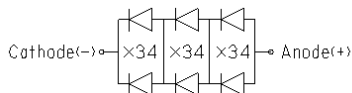
under development

* Package Outlines

(Unit : mm)



Circuit is series-parallel connection as below.



* Performance

Absolute Maximum Rating

Item	Symbol	Value	Unit
Power Dissipation	P _D	8.9	W
DC Forward Current	I _{FDC}	850	mA
Operating Temperature	T _{opr}	-25 · +80	degC
Storage Temperature	T _{stg}	-30 · +85	degC
Junction Temperature	T _{JMAX}	120	degC

Electro - optical Characteristics (T_a = 25 degC)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F =700mA	-	9.6	-	V

Parameter	Symbol	Condition	Typ								Unit
			D	N	MD	MN	MW1	MWW1	ML1	ML2	
Color Temperature	CCT	I _F =700mA	6,300	5,000	6,300	5,000	4,000	3,500	3,000	2,700	K
Luminous Flux	Φ _V	I _F =700mA	585	605	490	490	490	480	470	470	lm
Color Rendering Index	R _a	I _F =700mA	65	65	85	85	85	85	85	85	-

Note : Above performance is typical value.

Precautions in use

- 1: Silicone is used for the encapsulated material , and the top surface of this product is soft.Please do not place pressure on top of the LEDs to avoid affecting the reliability of the product.
- 2: This product is not adaptable to reflow process.
- 3: A heat radiating grease should be applied to the whole rear surface so that this product can dissipate heat as a whole.
- 4:This product is sensitive to static electricity charge , and users are required to handle with care.Particularly , if any current and or voltage , which exceed the absolute maximum rating of Products , are applied , the overflow in energy may cause damage to , or possibly result in electrical destruction of , the Products. The customer is requested to take adequate countermeasures against static electricity charge and surge when handling Products.

*This sheet is reference purpose only and the specification are subject to change without notice.