



LBL-ST-280

Product Specification

LBL-ST-280

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Model Name	LBL-ST-280
Issue Date	2018.12.18

Model Name	Dimension (mm)	CCT (K)	CRI	Ordering Code
LBL-ST-280	279.2*20*1.0	3000	80	LST-280-830
		3500	80	LST-280-835
		4000	80	LST-280-840
		5000	80	LST-280-850
		6500	80	LST-280-865

■ Feature

- ✓ Excellent flexibility for Linear application design
- ✓ Variation of color temperatures (3000K, 3500K, 4000K, 5000K, 6500K)
- ✓ 5 years warranty
- ✓ 3 SDCM binning
- ✓ Compliant with Zhaga Book 7
- ✓ Narrow width 20mm

■ Application

- ✓ Office lighting
- ✓ General Lighting
- ✓ Industry
- ✓ Retail

Characteristic

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■ Optical Characteristics (Tc=40°C)

LST-280-830

Parameter	Min.	Typical	Max.	Unit
Luminous Flux	920	1030	1130	lm
Forward Current		240		mA
Color Temperature		3000		K
Color Rendering Index	80			-

LST-280-835

Parameter	Min.	Typical	Max.	Unit
Luminous Flux	950	1060	1165	lm
Forward Current		240		mA
Color Temperature		3500		K
Color Rendering Index	80			-

LST-280-840

Parameter	Min.	Typical	Max.	Unit
Luminous Flux	970	1080	1190	lm
Forward Current		240		mA
Color Temperature		4000		K
Color Rendering Index	80			-

LST-280-850

Parameter	Min.	Typical	Max.	Unit
Luminous Flux	980	1090	1200	lm
Forward Current		240		mA
Color Temperature		5000		K
Color Rendering Index	80			-

LST-280-865

Parameter	Min.	Typical	Max.	Unit
Luminous Flux	965	1080	1185	lm
Forward Current		240		mA
Color Temperature		6500		K
Color Rendering Index	80			-

■ Electrical Characteristics (Tc=40°C)

Parameter	Min	Typ	Max	Unit
Nominal Current		240		mA
Forward Voltage ⁽¹⁾	27.0	29.0	31.0	V

■ Max Rating

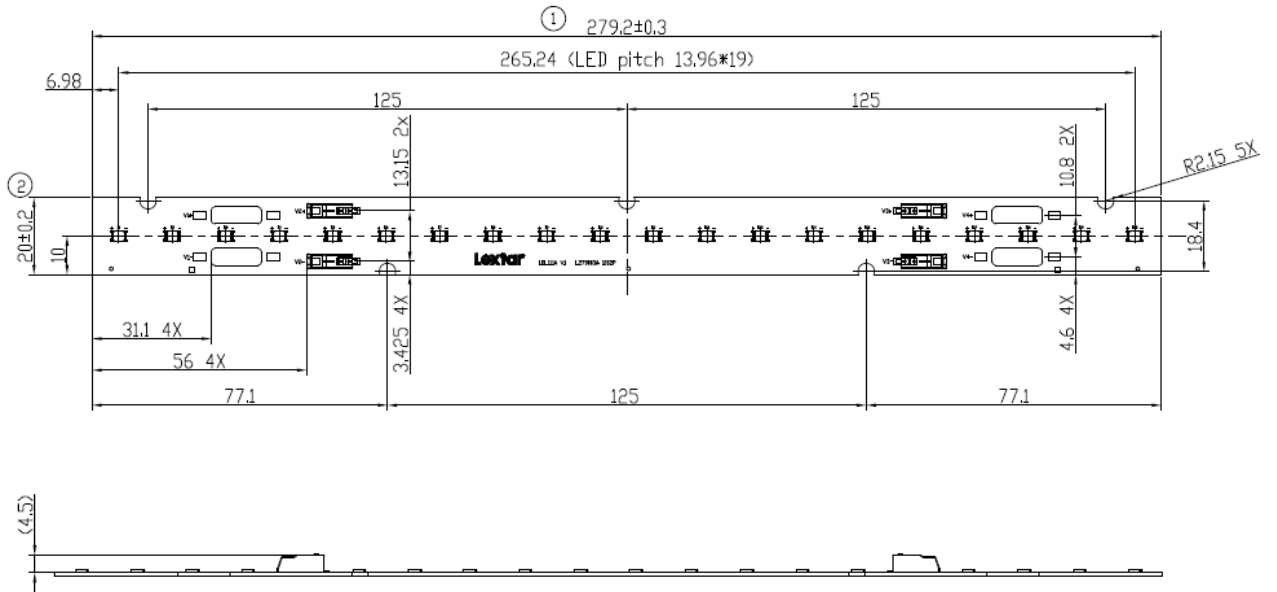
Parameter	Min	Typ	Max	Unit
Current I _{max}			300	mA
Case Temperature T _c max			85	°C

Notes:

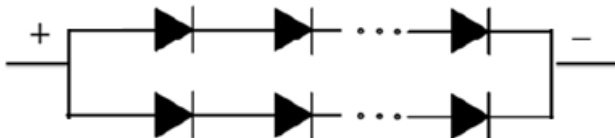
- (1) Lextar maintains a measurement tolerance of : Voltage $\pm 3\%$, CRI ± 3.0 , Luminous flux: $\pm 7\%$, Chromaticity coordinates ± 0.005
- (2) The color consistency is 3SDCM.

■ Mechanical Characteristic

Parameter	Min	Typ	Max	Unit
Length	278.90	279.20	279.50	mm
Width	19.80	20.00	20.20	mm
Height (Exclude Connector)	0.90	1.00	1.10	mm



The electric circuit is 10 series 2 parallel.



Packing Description

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Model	Pcs/Tray ⁽¹⁾	Pcs/Bag ⁽¹⁾	Pcs/Carton ⁽¹⁾	Carton Size
LBL-ST-280	50	100	200	660*378*275mm

(1) The amount is defined as the maximum amount of led board in one tray, one bag, and one carton; the delivery might be less than the maximum amount defined.

One tray composed of 50pcs LED board.



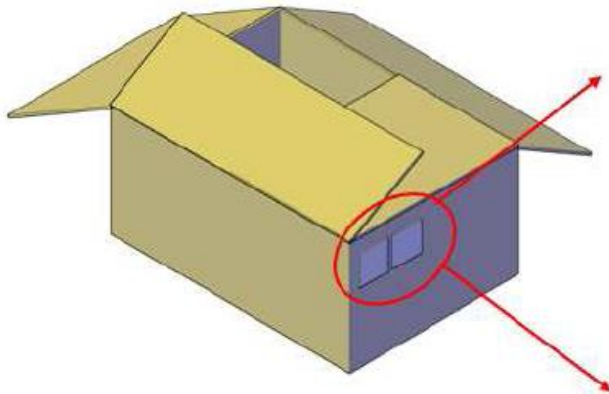
One antistatic bag composed of 2 EPE Tray+1 upper lid-tray.



One carton loads 200pcs of LED boards.



Label on carton



Customer		P/O Number	
Part Number			
Model			
P/O Qty		Delivery date	
LB Qty		BOX NO	
IGC Check			

ALL Box Qty	Box NO.	
LOT Number	Bin Code	Q' ty

Revision History

LBL-ST-280

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Date	Contents	Writer
2018.12.18	Product Specification version1	Jacqueline