

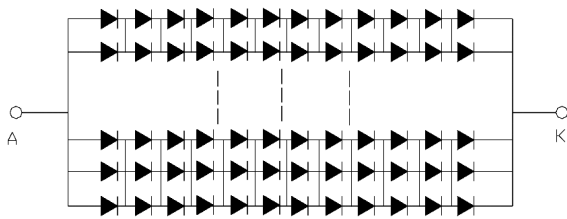
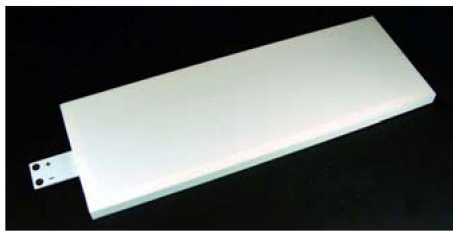
Features

Design flexibility – Available in a variety sizes and colors to suit most any application.
 Durable Acrylic Panel – Offers sturdy mechanical support and device stability.
 Long lifetimes – Typically 100k hours.
 Low power consumption – Uses far less power than standard incandescent EL or CCFL light sources.

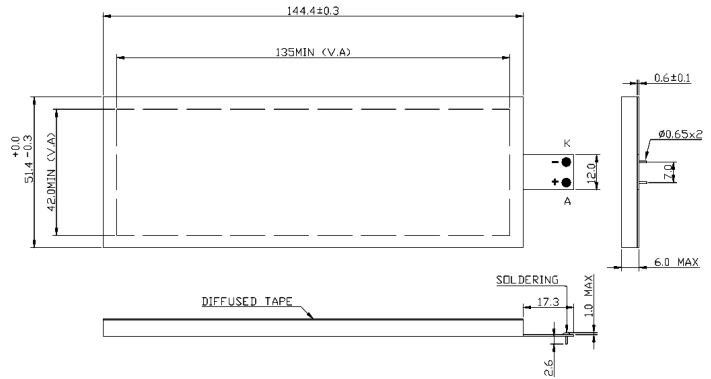
Applications

Backlighting LCD Displays; Panels and Symbols
 Illumination of Large Surface Areas

MTBL9311-XX



LED numbers: 12x10=120
 A: ANODE
 K: CATHODE



Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λP	Material	View Angle 2θ1/2	Luminous Intensity Iv				Forward Voltage VF			
				min.	typ.	max.	IF@	min.	typ.	max.	IF@
MTBL2311-G	570	InGaAlP	-	-	50.00	-	60mA	-	2.00	-	60mA
-	nm	-	deg	mcd				-	V		-

Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λ_P	Material	View Angle $2\theta_{1/2}$	Luminous Intensity I_v				Forward Voltage V_F				Rev Current I_R	
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
MTBL2311-G	570	InGaAlP	-	-	50.00	-	60mA	-	2.00	-	60mA	-	-
-	nm	-	deg	mcd				-	V			-	A

Contact Marktech at 800.984.5337 for detailed specifications and design assistance.

MTBL2311-G Graphs