

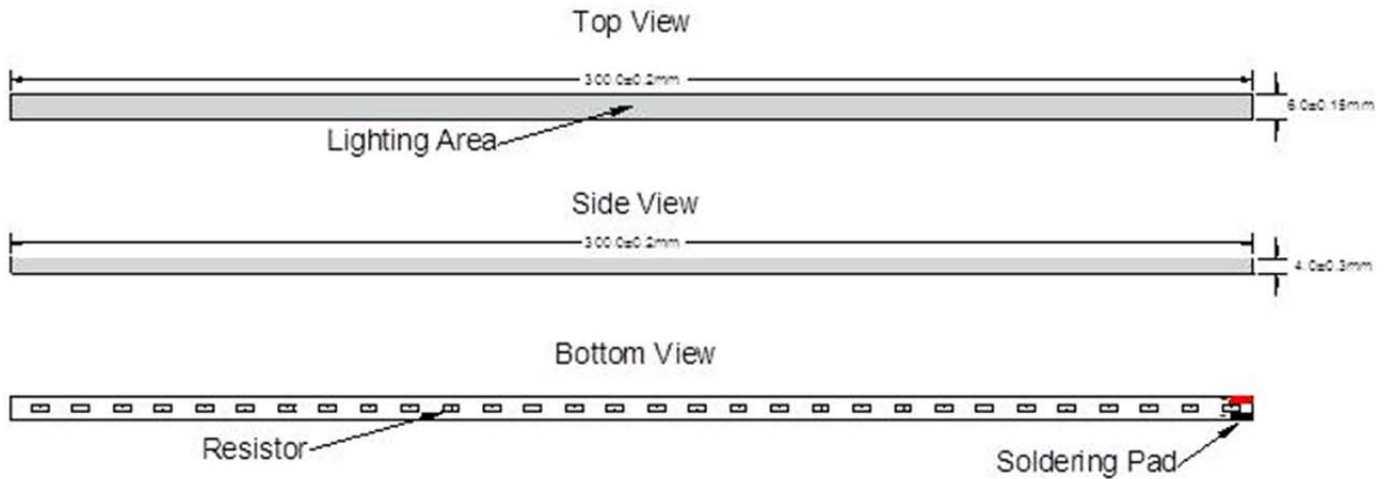


American Opto Plus LED Corp.

AOP-C300MWD-12

12-Inch White COB LED Light Strip

PACKAGE DIMENSION



Notes: Dimension stand in millimeter.

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Forward Current	I _f	600	mA
Power Dissipation	P _d	8	W
LED junction Temperature	T _j	125	°C
ESD Sensitivity	--	± 2,000 (HBM)	V
Operating Temperature Range	T _{opr}	-40~+85	°C
Storage Temperature Range	T _{stg}	-40~+100	°C

OPTICAL-ELECTRICAL CHARACTERISTICS

(T_b=25°C)

Parameter	Symbol	Test Condition	Value			Unit
			Min	Typ	Max	
Luminous Flux	Φ _v	I _F = 300mA	200	230	--	lm
Forward Voltage	V _f		10.9	11.9	12.9	V

Note:

1. AOP maintain a tolerance of +10% on flux and power measurements.
2. T_b stand for light board temperature.



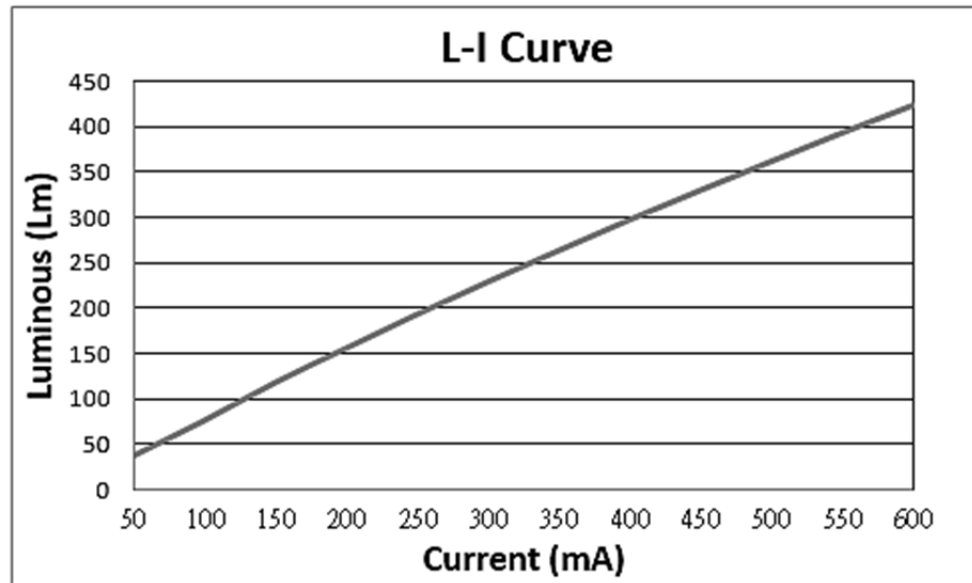
American Opto Plus LED Corp.

AOP-C300MWD-12

12-Inch White COB LED Light Strip

ELECTRICAL-OPTICAL CHARACTERISTICS

Typical Relative Luminous Flux vs. Forward Current @ $T_b = 25^\circ\text{C}$



Typical Voltage vs. Forward Current @ $T_b = 25^\circ\text{C}$

