



American Opto Plus LED

AOP-M26123NWC-24V

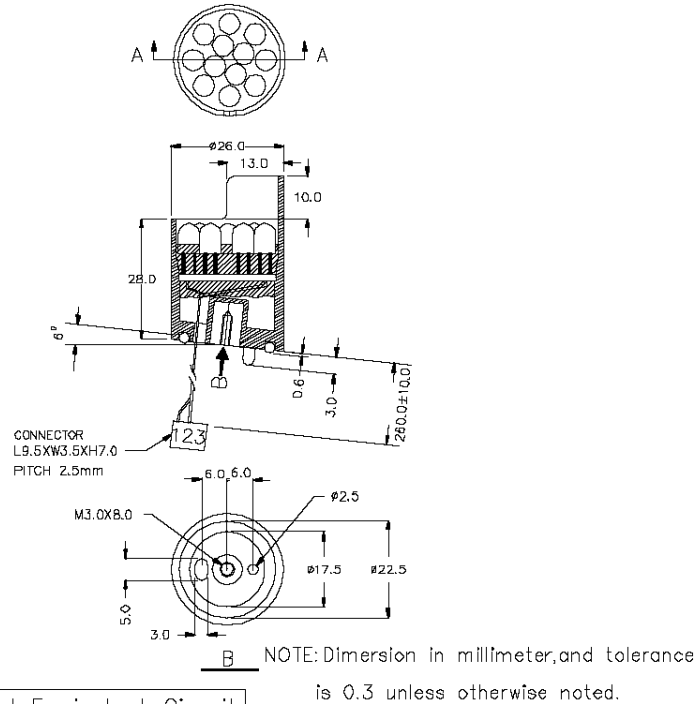
5mm Dia LED LAMP -WATER CLEAR

(InGaN White)

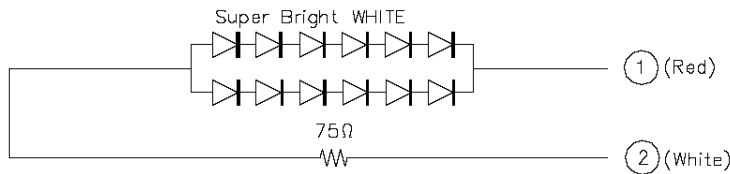
MAIN FEATURES
1' LED CLUSTER
High Visibility Outdoor Applications
LOW POWER CONSUMPTION

Preliminary Specification

Mechanical Dimensions



Internal Equivalent Circuit



OPTICAL-ELECTRICAL CHARACTERISTICS

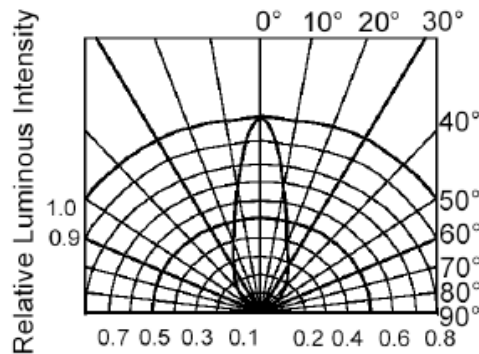
PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Luminous Intensity	I_V	$I_F = 20\text{mA}$	38000	54000		mcd
Forward Voltage	V_F	$I_F = 20\text{mA}$		24		V
Reverse Current	I_R	$V_R = 5\text{V}$			10	uA
Viewing Angle	2θ1/2	$I_F = 20\text{mA}$		30		deg.



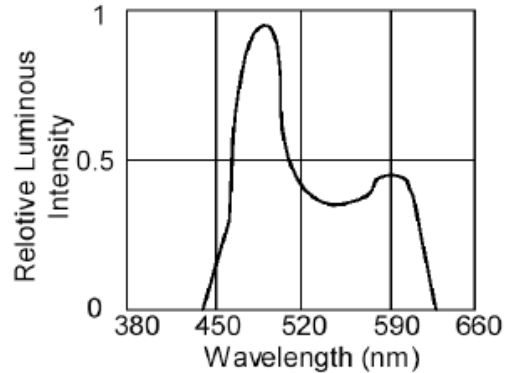
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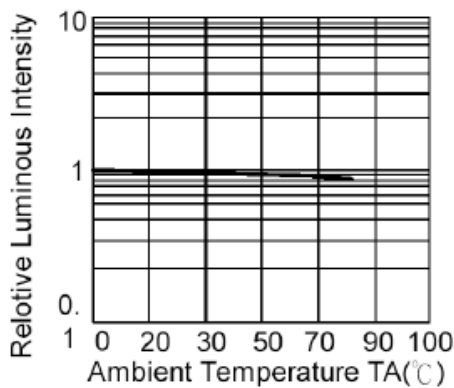
TYPICAL OPTICAL-ELECTRICAL CHARACTERISTIC CURVES



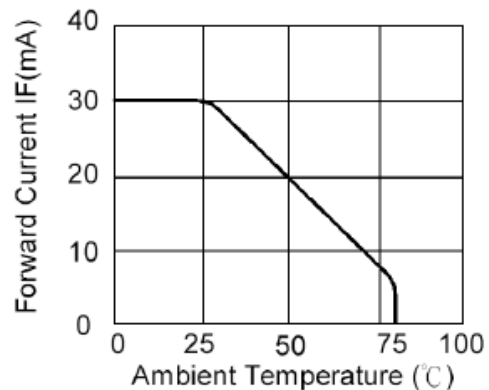
RADIATION DIAGRAM



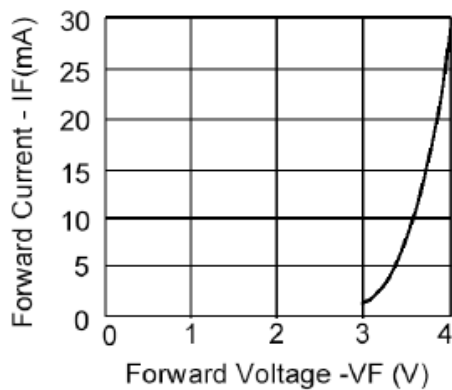
RELATIVE LUMINOUS INTENSITY Vs. WAVELENGTH



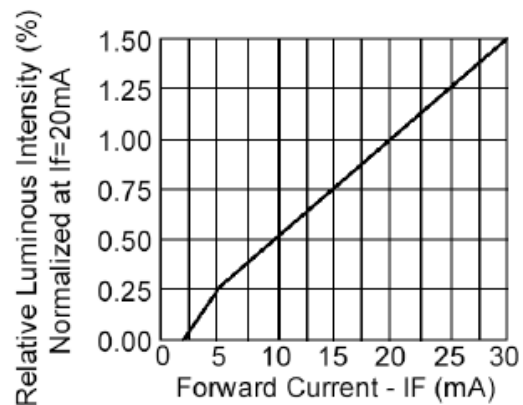
LUMINOUS INTENSITY Vs. AMBIENT TEMPERATURE



FORWARD CURRENT Vs. AMBIENT TEMPERATURE



FORWARD CURRENT Vs. FORWARD VOLTAGE



LUMINOUS INTENSITY Vs. FORWARD CURRENT