



NFCL-R26xUE4PG2 Bi-Color Outdoor Lamp Cluster

Electro/Optical Characteristics If=20mA Ta=25°C

Part Number	Emitting Color	Peak Wavelength	Forward Voltage V _F		Luminous Intensity I _v		Viewing Angle
			Typ.	Max.	Min.	Typ.	2 θ 1/2
NFCL-R26xUE4PG2-506D	AlGaInP Ultra Orange	632	8.00	10.00		800.0*4	45
	InGaN Pure Green	525	6.60	7.60		2500.0*2	45
Units		nm	V		mcd		degree

Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Test Condition	Symbol	UE	PG		Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I _{FP}	100	100		mA
DC Forward Current		I _F	30	30		mA
Reverse Current	V _R =5V	I _R	10	10		μA
Power Dissipation		P _D	65*4	110*2		mW
Operating Temperature		T _{OPR}	-40 to +80			°C
Storage Temperature		T _{TSG}	-40 to +85			°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260			°C

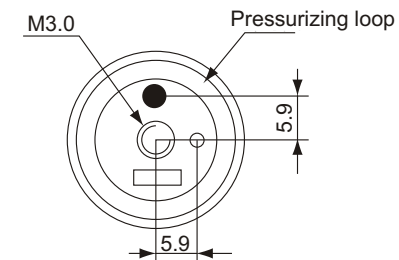
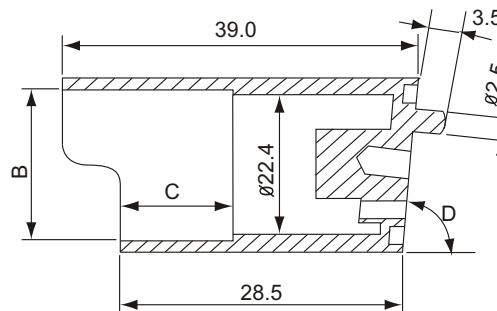
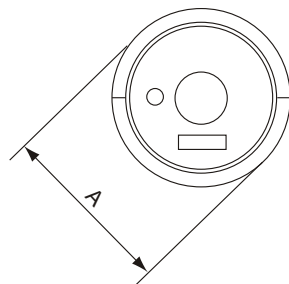


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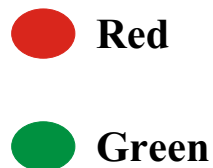
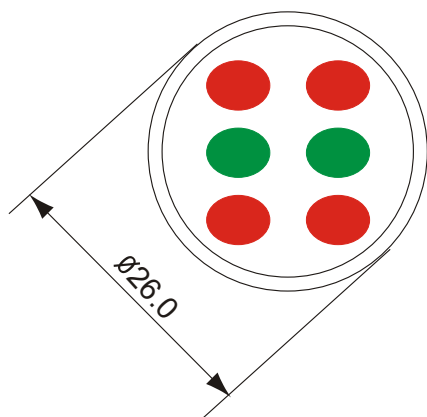
PACKAGE DIMENSION

NFCL-R26x Series

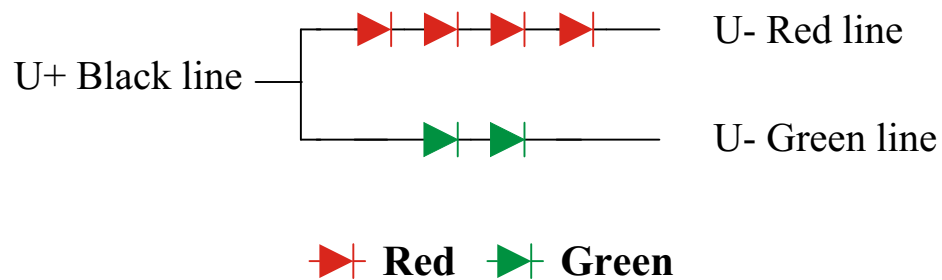
SPEC.	A	B	C	D
R26A	26 ^{+0.0} _{-0.1}	23.8	7.5	80°
R26B	26 ^{+0.0} _{-0.1}	23.8	9.5	80°
R26C	26 ^{+0.0} _{-0.1}	23.8	14.5	80°



INTERNAL CIRCUIT DIAGRAM



Common Anode



Tolerance $\pm 0.25\text{mm}$ unless stated