



NFCL-R26xUY15 Single Color Outdoor Lamp Cluster

Electro/Optical Characteristics If=20*3mA 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-R26xUY15-506C	AlGaInP Ultra Yellow	592	10.50	12.50		800.0*15	45
Units		nm	V		mcd		degree

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

Characteristic	Test Condition	Symbol	UY		Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I _{FP}	100		mA
DC Forward Current		I _F	30		mA
Reverse Current	V _R =10V	I _R	10		μA
Power Dissipation		P _D	65*15		mW
Operating Temperature		T _{OPR}	-40 to +80		°C
Storage Temperature		T _{TSG}	-40 to +85		°C
Lead soldering temperature			260		°C

Checked	Chen N.H.	Approved	Jason Chen	Date	Nov/15/2006	PAGE 1/2
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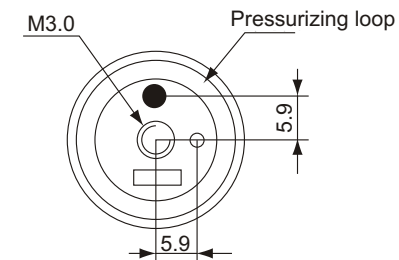
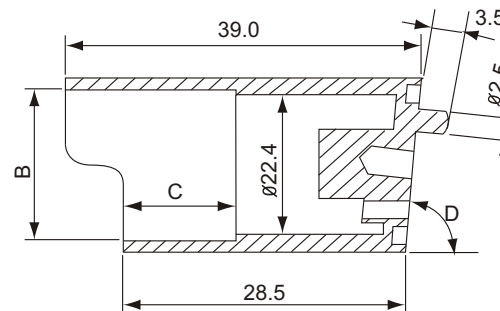
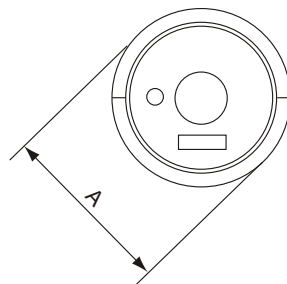


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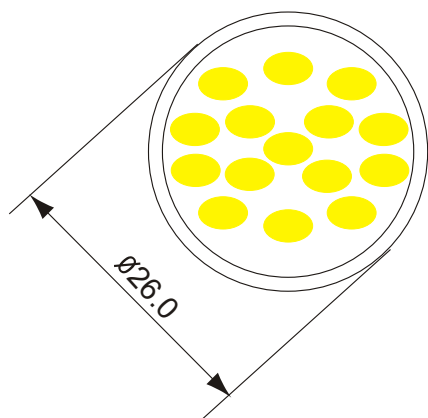
PACKAGE DIMENSION

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°

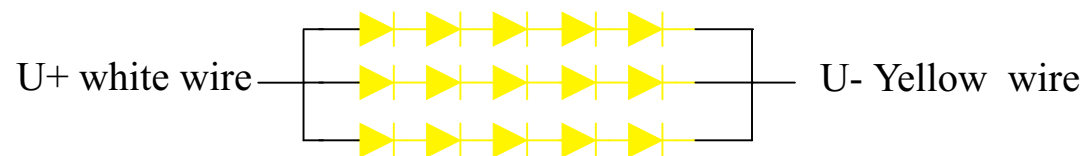


INTERNAL CIRCUIT DIAGRAM



 **Yellow**

Common Anode



 **Yellow**

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