

LED Cluster Outdoor

Part No. 08F11X16AR2G2

Back to [LED Cluster Outdoor](#) Main Page

11.30*11.3mm 4*4 BI-COLOR OUTDOOR LAMP CLUSTER

■ Features:

- Pixel size 11.3*11.3mm
- Outdoor use
- High quality and low cost
- Low power requirement
- Bi-color –Super Red + Green
- Lamp FYL-5063LRC and FYL-5063LGC
- Easy assembly
- High reliable and intensity

■ Description

- 4*4 dot matrix displays
- Pitch 15.3mm

■ Absolute Maximum Ratings at Ta=25 °C

Parameter	Symbol	Super red	Green		Unit
Forward Current	I _F	25	30		mA
Power Dissipation	P _d	60	80		mW
Reverse Voltage	V _R	5	5		V
Peak Forward Current (Duty 1/10 @1KHZ)	I _{PF}	150	150		mA
Operation Temperature	T _{OPR}	-40 to +80			°C
Storage Temperature	T _{STG}	-40 to +85			°C
Lead Soldering Temperature	T _{SOL}	Max.260 ± 5 °C for 3 sec Max.			°C

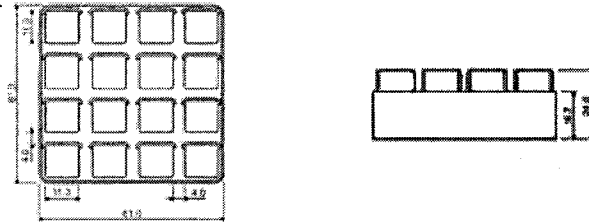
■ Electronic Optical Characteristics at Ta=25 °C

Items	Symbol	Color	Min.	Typ.	Max.	Unit	Condition
Forward Voltage	V _F	Super red	-	3.70	4.40	V	I _F =20mA
		Green	-	4.40	8.80		
Reverse Current	I _R		-	-	20	uA	V _R =5V
Peak Wavelength	λ _P	Super red	-	660	-	nm	I _F =20mA
		Green		570			
Spectrum Line Half width	Δλ	Super red	-	20	-	nm	I _F =20mA
		Green		30			
Luminous Intensity	I _V	Super red	-	400	-	cd/m ²	I _F =20mA/dot
		Green		250			

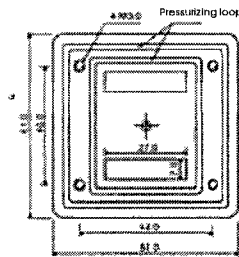
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Internal circuit diagram

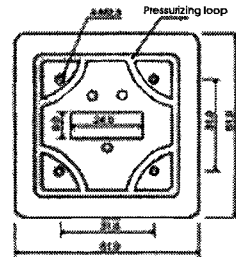
FYCL-S11X16A/B front



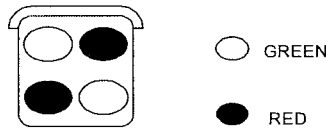
FYCL-S11X16A back



FYCL-S11X16B back



Package dimensions



See Pin Number From Lamp Front Side

