



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

L - 810W20KW30 Warm White ultra Bright

Features

- LOW POWER CONSUMPTION.
- UV RESISTANT EPOXY FOR OUTDOOR USE.
- RELIABLE AND RUGGED.
- LONG LIFE-SOLID STATE RELIABILITY.
- AVAILABLE ON TAPE AND REEL.

Description

Static electricity and surge damage the LEDs
It is recommended to use a wrist band or
anti-electrostatic glove when handling the LEDs.
All devices, equipment and machinery must be electrically
grounded

Selection Guide

Part N°	Dice	Lens Type	Iv (mcd) @ 20mA		Viewing Angle 2 θ 1/2
			Min	Max	
L-810W20KW30	WHITE Ultra Bright	WATER CLEAR	15.000	23.000	30

Note:

1. θ 1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

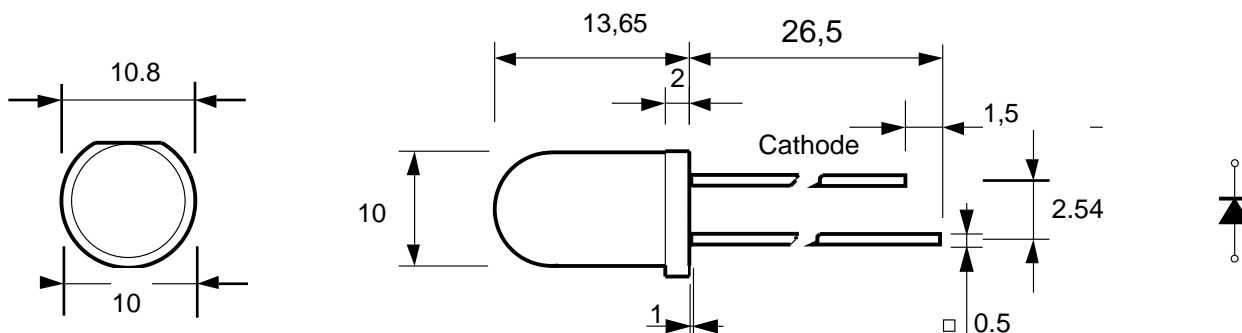
Electrical / Optical Characteristics at Ta= 25°C

Symbol	Parameter	Device	Typ	Max	Units	Test Conditions
VF	Forward Voltage	WHITE	3	3,6	v	IF = 20 mA
IR	Reverse Current	WHITE		5	uA	VR = 5 V
	Chromaticity	WHITE	7.000 min	8.000	K	IF = 20 mA
C	Capacitance	WHITE			pF	VF=0V; f=1MHz

Absolute Maximum Ratings at Ta=25°

Parameter		Units
Power dissipation	72	mW
Continuous Forward Current	25	mA
Peak Forward Current	60 (1/10 Duty Cycle o,1ms Pulse Width)	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 to + 80	°C
Storage Temperature Range	-40 to +100	°C
Lead Solder Temperature	260 for 5 seconds (4mm)	°C

Package Dimensions



Notes /notas.

1. All dimensions are in /dimensiones = mm.
2. Tolerance / tolerancia = **+0.25**
3. Specifications are subject to change without notice / las especificaciones pueden variar sin previo aviso.
4. Special sizes on request / ejecuciones especiales bajo pedido