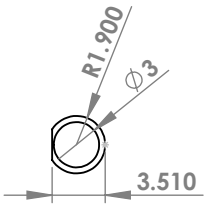
PART DETAIL (SHEET 1 OF 1)

DDE-0051-00

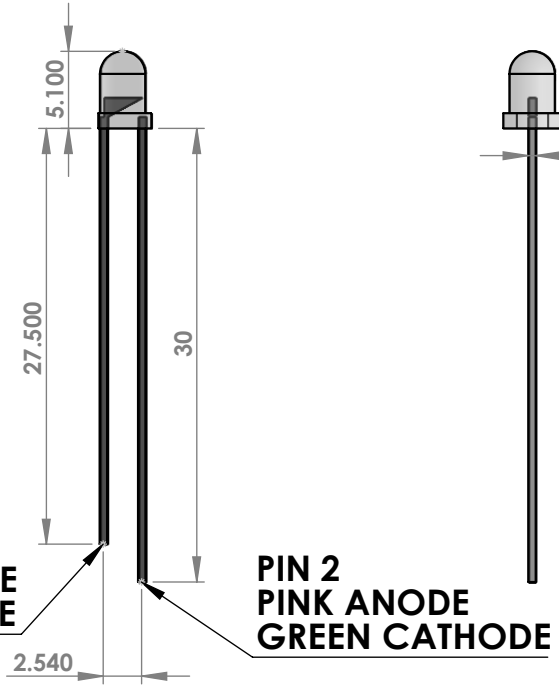


The Hakai Labs / Danesi Designs Super CVD (Color Vision Deficiency) LED is a bipolar pink/green LED, custom-designed and manufactured to be inclusive of people with color vision deficiency. It is a higher-contrast version of the original red/green CVD LED.

The pink and green emitted by this LED are distinct enough that people with even severe red/green color vision deficiency can tell them apart, which makes it easy to distinguish positive from negative voltage.

KiCad symbols, footprints, and 3D models are available at https://www.hakailabs.com.





	PINK	GREEN
Wavelength (nm)	N/A	515-525nm
Typical Forward Voltage (v)	2.8-3.2V	2.8-3.2V
Typical Luminous Intensity (mcd)	2600	2600
Constant Forward Current (ma)	20ma	20ma
Reverse Voltage (v)	5v	5v
Operating Temperature (deg C)	-40 to +80	-40 to +80
Storage Temperature (deg C)	-40 to +85	-40 to +85
Lead Soldering Temperature (deg C)	Max.260±5°C for 3 sec Max.	Max.260±5°C for 3 sec Max.

REVISION HISTORY	NAME	DATE
DRAWN	Scott Danesi	11/7/2026
LAST MODIFIED	Scott Danesi	11/7/2026

NOTES

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DANESI DESIGNS. ANY REPRODUCTION IN PART OR AS A WHOLEWITHOUT THE WRITTEN PERMISSION OF PINBALL LIFE IS PROHIBITED.

DIMENSIONS ARE IN MM
TOLERANCES:

LINEAR	ANGULAR
.X +/- 0.010	+/- 0.25
.XX +/- 0.010	DEGREES
.XXX +/- 0.010	

UNLESS OTHERWISE SPECIFIED

MATERIAL: EPOXY LED

FINISH: FROSTED

SCALE 2:1 SIZE 11" x 8.5"

TITLE: Super CVD Bipolar 3mm LED Frosted

DANESI DESIGNS
Danesi Designs, LLC.
874 Walnut Dr.
Sleepy Hollow, IL 60118

REV: -

REV NOTES:
INITIAL VERSION

PART NUMBER: DDE-0051-00

FILE: DDE-0051-00 Super CVD Bipolar 3mm LED Frosted