

DL104

High Brightness 2" x2" Axial Diffuse Illuminator



- Aii** Consistent diffuse illumination over the 50mm x 50mm (2" x 2") field of view
- Aii** Utilizes heat sinking to cool the illumination source, providing low maintenance, long life performance.

Ordering Information

Standard Product:
Shipped Next Day

Standard Product Variation:
Shipped Within Two Weeks

DL104-WHIC

Configured with in-line
current source (ICS)

DL104-625IC

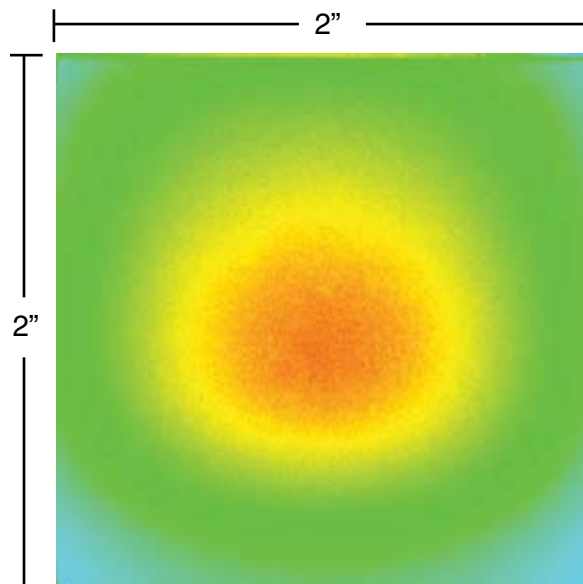
Configured with in-line
current source (ICS)

DL104	-	XXX	XX
		Spectral wavelength	Optional power compatibility
		(blue) 470	IC
		(green) 530	C2
		(red) 625	C3
		(IR) 850	
		(white) WHI	

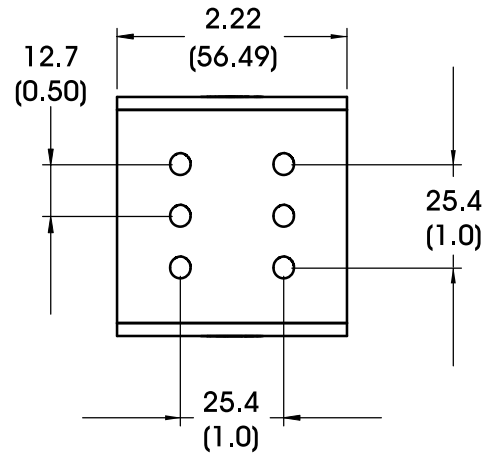
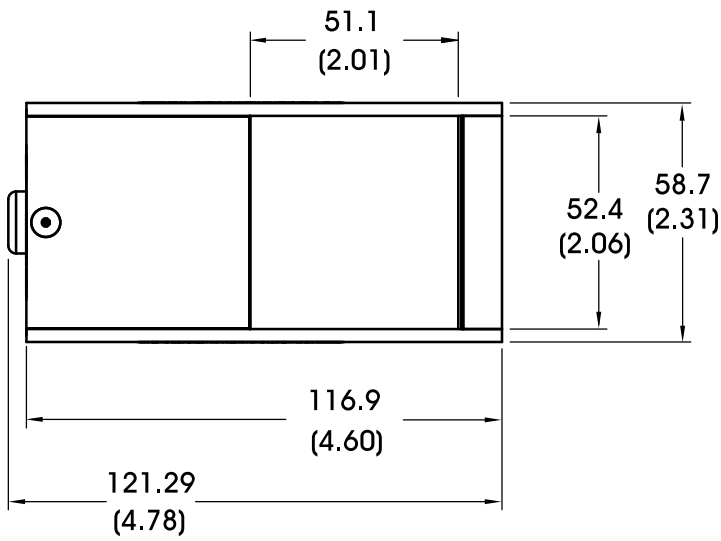
Optimal working distance:
25.4mm (1")
Effective Working Range:
12.7-50mm (.5"-2")

IC = ICS (requires 24v power supply)
C2 = Ai Connector
C3 = Pulsar Connector

Intensity Distribution



Dimensional Information



Cable Length: 2 Meters (78")

DIMENSIONS ARE IN MILLIMETERS (INCHES)

Current Specifications

	blue	green	red	infra-red	white	
Ai / iCS	350	350	350	350	350	mA

General Specifications

Weight:	226.8 g (8 oz)
Finish:	Black Anodized
Operating Temperature:	0-60°C
Meets Specifications:	CE, RoHS

Standard Product Information

Red	Max. Illumination	Irradiance (mW/cm ²)	Illuminance (Lux)
	Working Distance: 25.4mm (1")	1.76	4,300
	Lifetime	50,000 hrs	
White	Max. Illumination	Irradiance (mW/cm ²)	Illuminance (Lux)
	Working Distance: 25.4mm (1")	1.97	8,600
	Lifetime	50,000 hrs	

Additional Information