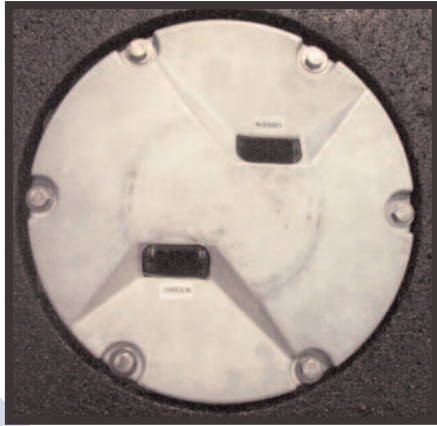


# Dialight

## LED BASED

### Inpavement Inset Wayside/Crossing Fixture



## FEATURES / BENEFITS

- ▲ Feature Hi-flux LEDs
  - Faster on/off response time
  - 5+ year life reduces maintenance costs
- ▲ Light output controlled to match tungsten-halogen fixtures
- ▲ 12 volt AC/DC and 120 VA applications
- ▲ Designed to exceed lightning protection requirements of AC 150/5345-10E
- ▲ Power factor corrected and reduced THD
- ▲ Lightweight, sturdy, corrosion resistant, smooth outer surface housing
- ▲ Prevents sun phantom effects
- ▲ Simple and minimal maintenance requirements offering longer intervals between maintenance and requires fewer spare parts, resulting in lower life cycle costs
- ▲ Extremely long life
- ▲ Does not create nor is affected by EMI/RFI
- ▲ No optical adjustment required after replacing any component of the fixture
- ▲ No filters required so there are no color shifts when viewed at various angles or temperatures
- ▲ Eliminates need for filter replacement
- ▲ Rugged internal electronics mounted inside base
- ▲ Highly resistant to shock and vibration
- ▲ 5 year performance warranty to include photometrics

Patent Pending

## APPLICATION

- ▲ The D852 Series Inset Wayside fixture was designed to provide signal indication in areas where elevated signals are not practical.

## OPERATING CONDITIONS

- ▲ Temperature: -67°F to +131°F (-55°C to +55°C)

## FINISH

- ▲ Aluminum castings
- ▲ Stainless steel hardware



## Dialight Corporation

1501 Route 34 South • Farmingdale, NJ 07727 USA  
Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com



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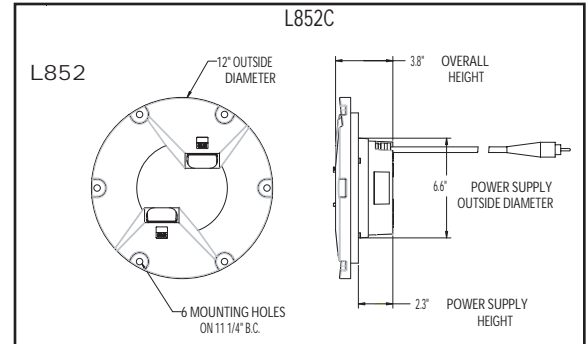
MDTG852S001\_A



## LED BASED

# Inpavement Inset Wayside/Crossing Fixture

### MECHANICAL DIMENSIONS



### ORDERING INFORMATION

Part Number	Directional	Color
D852-CUS4-E231-001	Uni-directional, 12 VDC	Red
D852-CUS4-C231-001	Uni-directional, 12 VDC	Yellow
D852-CUS4-A231-001	Uni-directional, 12 VDC	Green
D852-CBS4-E231-001	Bi-directional, 12 VDC	Red
D852-CBS4-C231-001	Bi-directional, 12 VDC	Yellow
D852-CBS4-A231-001	Bi-directional, 12 VDC	Green
D852-CUS2-E231-001	Uni-directional, 120 VAC	Red
D852-CUS2-C231-001	Uni-directional, 120 VAC	Yellow
D852-CUS2-A231-001	Uni-directional, 120 VAC	Green
D852-CBS2-E231-001	Bi-directional, 120 VAC	Red
D852-CBS2-C231-001	Bi-directional, 120 VAC	Yellow
D852-CBS2-A231-001	Bi-directional, 120 VAC	Green

### UNIT ELECTRICAL SPECIFICATIONS

	I IN input [A rms]	VA	W
	TYP		
12 VAC/DC, RED	1.0	12.1	12.0
12 VAC/DC, YELLOW	1.0	12.1	12.0
12 VAC/DC, GREEN	1.2	14.1	14.0
120 VAC, RED	TBD	TBD	TBD
120 VAC, YELLOW	TBD	TBD	TBD
120 VAC, GREEN	TBD	TBD	TBD

### WEIGHTS & MEASUREMENTS

PART NUMBER	APPROX SHIPPING WEIGHT	CONTAINER DIMENSIONS
All D852 "C"	19 lbs	14 1/2 x 14 1/2 x 6 1/2



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