

LED Arrows (Meets 1999 ITE Specifications)

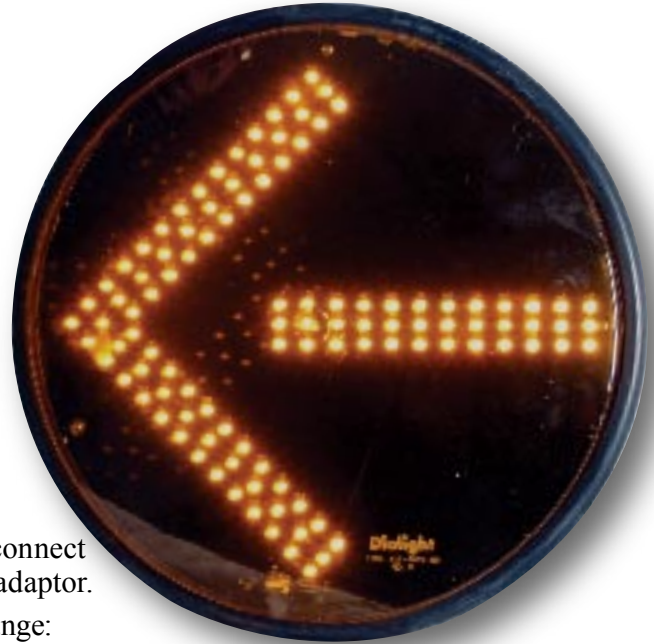
Dialight LED Arrows

- 90% reduction in power vs. incandescent
- Long life: up to 10 times longer than incandescent
- Hard coated lenses for abrasion resistance
- 60 Month warranty on materials and workmanship
- Wide selection of products
- Easy to install into existing signal enclosure

Specifications

- Fuse and transient suppressor incorporated for line and load protection¹
- Power factor greater than 0.9²
- Total Harmonic Distortion <20%²
- Meets FCC Title 47, Subpart B, Section 15 regulations for electrical noise
- Conforms to NEMA Moisture Resistance STD. 250-1991 for Type 4 enclosures (ITE 6.4.6.2 Moisture Resistance)
- Provided with quick connect terminals. Space tab adaptor.
- Operating Voltage Range: 80VAC TO 134 VAC (120VAC nominal)
- Operating Temperature Range: -40°C to +74°C

¹ Bi-Modal Green/Amber has transient suppressor only
² Non applicable Bi-Modal Green/Amber



12" (300mm) - 120 Volt Arrows

TAPCO Part No.	Manufacturer Part No.	Note	Description	Volts	Typical Wattage @25°C	Dominant Wavelength(nm)	Lens Tint
220-18	432-1314-001	① ②	Red, 3 Row	120VAC	6.5	622	Red
220-14	431-3334-001	①	Yellow, 3 Row	120VAC	8.8	590	Yellow
220-17	432-2324-001	①	Green, 3 Row	120VAC	7.0	505	Clear

① Approved by Caltrans ② Temperature Compensated



Order by Phone 1-262-814-7000 Toll-free 1-800-236-0112
or Order by Fax 1-262-814-7017 Toll-free 1-800-444-0331



LED Arrows (Meets 2005 ITE Specifications)

Lighting Uniformity • ITE Conformity

Features / Benefits

- Uniform non-pixelated appearance
- Expanded view radiation pattern meets ITE VTCSH-3 LED Arrow Specification
- 90% reduction in power vs. incandescent
- Long life: up to 10 times longer than incandescent
- Fuse and transient suppressor incorporated for superior line and load protection
- Hard coated lenses for abrasion resistance
- Easy to install into existing signal enclosure

Specifications

- Operating Voltage Range: 80VAC TO 135 VAC (120VAC nominal)
- Operating Temperature Range: -40°C to +74°C
- Meets FCC Title 47, Subpart B, Section 15 regulations for electrical noise
- Conforms to MIL-STD-810F for blowing rain
- Conforms to MIL-STD-883, Test Method 2007, for mechanical vibration
- Conforms to MIL-STD-883, Test Method 1010, temperature cycling requirements
- Provided with quick connect terminals and spade adapters
- All products traceable by serial number
- Luminance uniformity and color uniformity exceed ITE PTCSI-2 LED Pedestrian Signal Specification requirements
- Transient Suppression exceeds ITE PTCSI-2 LED Pedestrian Signal Specification requirements and meets the following standards:
 - NEMA TS-2 Sec. 2.1.6 and Sec. 2.1.8
 - IEC 1000-4-5, 3KV, 2 ohm source impedance
 - ANSI/IEEE C62, 41-2002; IEC 61000-4-12, 6KV, 200A, 100KHz ring wave



12" (300mm) - 120 Volt Arrows

TAPCO Part No.	Manufacturer Part No.	Color	Lens Type	Typical Wattage @25° C	Dominant Wavelength (nm)	Peak Minimum Maintained Luminous Intensity (cd/m2)
2406-6	432-1314-001X	Red	Tinted	7	625	59
2406-5	431-3334-001X	Yellow	Tinted	9	590	146
2406-4	432-2324-001X	Green	Tinted	7	500	76

* Currently yellow arrows are not eligible



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