

# Dialight

## UNIFORM APPEARANCE HAND and PERSON PEDESTRIAN SIGNALS



Lighting Uniformity. ITE Conformity.

### FEATURES / BENEFITS

- ▲ Uniform non-pixelated appearance
- ▲ Exceeds ITE PTCSI Part 2 requirements for LED pedestrian signals
- ▲ Fuse and transient suppressor incorporated for superior line and load protection
- ▲ ENERGY STAR® qualified
- ▲ 90% reduction in power vs. incandescent
- ▲ Long life; Up to 10 times longer than incandescent
- ▲ Sealed moisture resistant enclosure
- ▲ Lens has a textured surface to reduce glare
- ▲ Easy to install into existing signal enclosure

### SPECIFICATIONS

- ▲ Operating Voltage Range:  
80VAC to 135VAC (120VAC nominal)
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Turn-on / Turn-off Time < 75 msec
- ▲ Power Factor > 0.9
- ▲ Total Harmonic Distortion < 20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 regulations for electrical noise
- ▲ Failed State Impedance > 250K ohm within 300ms
- ▲ 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
- ▲ Written manufacturer's warranty available on request
- ▲ All products traceable by serial number
- ▲ Luminance uniformity and color uniformity exceed ITE PTCSI-2 LED Pedestrian Signal Specification requirements
- ▲ Symbol Colors:  
Upraised Hand - Portland Orange  
Walking Person - Lunar White
- ▲ 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
- ▲ Power supply is conformally coated for robust operation

Dialight reserves the right to make changes at any time  
in order to supply the best product possible.



**Dialight Corporation**

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



MDTSHWPEXCAL001\_A



Lighting Uniformity. ITE Conformity.

# UNIFORM APPEARANCE HAND and PERSON PEDESTRIAN SIGNALS

Part Number	Housing Size (inches)	Description	Typical Wattage @ 25°C		Min. Luminance (cd/m <sup>2</sup> )		ENERGY STAR® Qualified
			Hand	Person	Hand	Person	
430-6450-001X	16 x 18	Side-by-side Hand and Person	8	7	1,400	2,200	✓
430-6472-001X	16 x 18	Overlay Hand and Person	8	6	1,400	2,200	✓
430-5770-001X	12 x 12	Hand only	8	N/A	1,400	N/A	✓
430-7771-001X	12 x 12	Person only	N/A	7	N/A	2,200	✓
430-6772-001X	12 x 12	Overlay Hand and Person	8	6	1,400	2,200	✓

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ISO 9001

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## COMBINATION HAND and WALKING PERSON PEDESTRIAN SIGNALS



### FEATURES / BENEFITS

- ▲ 90% reduction in power vs. incandescent
- ▲ Long life; up to 10 times longer than incandescent
- ▲ Sealed moisture resistant enclosure
- ▲ Lens available to fit most pedestrian heads
- ▲ Lens has a textured surface to reduce glare
- ▲ Easy to install into existing signal enclosure
- ▲ Most types EPA Energy Star® qualified
- ▲ Filled icons are MUTCD compliant

### SPECIFICATIONS

- ▲ Operating Voltage Range: 80VAC to 135VAC (120VAC nominal)
- ▲ Fuse and transient suppressor incorporated for line and load protection
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Turn-On/Turn-Off Time = 75 msec max
- ▲ Power factor > 0.9
- ▲ Total harmonic distortion < 20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 Regulations for electrical noise
- ▲ Conforms to MIL-STD-810F for blowing rain
- ▲ Provided with quick connect terminals and spade adapters
- ▲ Written manufacturer's warranty available on request
- ▲ All products traceable by serial number
- ▲ LED Colors:  
Hand - Portland Orange  
Walking Person - Lunar White

### TYPICAL OPERATING CHARACTERISTICS

Part Number	Housing Size (inches)	SYMBOL		WATTAGE		CSA Approved*	ENERGY STAR® Qualified	Caltrans Qualified
		Hand	Person	Hand	Person			
<b>OVERLAY</b>								
430-6472-001	16x18	Filled	Filled	6	6	●	●	
430-6772-001	12x12	Filled	Filled	6	6		●	
<b>SIDE BY SIDE</b>								
430-6473-001	16x18	Filled	Filled	9	7	●	●	●
430-6473-801	16x18	Filled	Filled	6	6			

\*CSA approval is to Std. 250 for Luminaires

Dialight Corporation

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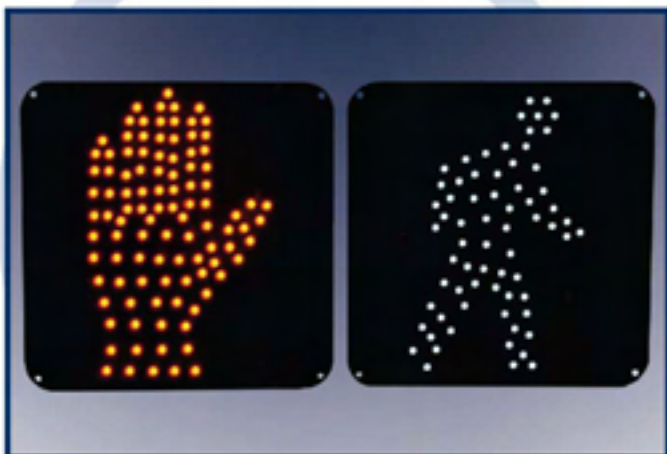
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# Dialight

## SINGLE HAND and WALKING PERSON PEDESTRIAN SIGNALS



### FEATURES / BENEFITS

- ▲ 90% reduction in power vs. incandescent
- ▲ Long life; up to 10 times longer than incandescent
- ▲ Sealed moisture resistant enclosure
- ▲ Lens available to fit most pedestrian heads
- ▲ Lens has a textured surface to reduce glare
- ▲ Easy to install into existing signal enclosure
- ▲ EPA Energy Star certified
- ▲ Filled icons are MUTCD compliant

### SPECIFICATIONS

- ▲ Operating Voltage Range: 80VAC to 135VAC (120 VAC Nominal)
- ▲ Fuse and transient suppressor incorporated for line and load protection
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Turn-On/Turn-Off Time = 75 msec max
- ▲ Power factor > 0.9
- ▲ Total harmonic distortion < 20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 Regulations for electrical noise
- ▲ Conforms to MIL-STD-810F for blowing rain
- ▲ Provided with quick connect terminals and spade adapters
- ▲ Written manufacturer's warranty available on request
- ▲ All products traceable by serial number
- ▲ LED Colors: Hand - Portland Orange  
Walking Person - Lunar White

### TYPICAL OPERATION CHARACTERISTICS

PART NUMBER	Housing Size (inches)	DESCRIPTION	Typical Wattage @ 25°C	EPA Certified	CSA Approved*
430-5770-001	12" x 12"	Filled Hand	6	●	●
430-7771-001	12" x 12"	Filled Person	6	●	

\*CSA approval is to Std. 250 for Luminaires



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