



# UNIFORM APPEARANCE COUNTDOWN PEDESTRIAN SIGNALS



**Lighting Uniformity. ITE Conformity.**

## FEATURES / BENEFITS

- ▲ Uniform appearance symbols exceed ITE PTCSI-2 requirements
- ▲ 9" high 2-row countdown digits for maximum visibility
- ▲ Countdown is fully MUTCD-compliant (even for crosswalks over 100 ft.)
- ▲ Unique memory feature allows countdown time to remain stored internally, even when power is removed for extended periods of time
- ▲ Full preemption compatibility... Countdown reverts to its previous timing immediately following a preemption call
- ▲ Up to 4 units can be connected in parallel without disturbing the monitoring of the Hand/Person
- ▲ Automatically adjusts to traffic controller interval changes
- ▲ 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
- ▲ 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
- ▲ 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
- ▲ 430-6479-001X meets City of Los Angeles DOT specifications

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



MDTSCDPEXCAL001\_B

## UNIFORM APPEARANCE COUNTDOWN PEDESTRIAN SIGNALS

### TYPICAL OPERATING CHARACTERISTICS

Part Number	Housing Size (inches)	SYMBOL COLOR			TYPICAL WATTAGE @ 25°C			MIN. LUMINANCE (cd/m <sup>2</sup> )			ENERGY STAR <sup>®</sup> Qualified
		Countdown	Hand	Person	Countdown	Hand	Person	Countdown	Hand	Person	
430-6479-001X	16 x 18	Portland Orange	Portland Orange	Lunar White	5	8	6	1,400	1,400	2,200	✓
430-7773-001X	12 x 12	Portland Orange	N/A	N/A	5	N/A	N/A	1,400	N/A	N/A	✓

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ISO 9001

Dialight Corporation



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# COUNTDOWN PEDESTRIAN SIGNALS



## FEATURES / BENEFITS

- ▲ 2-Row 9" high countdown digits are MUTCD compliant for crosswalks over 100 ft.
- ▲ Full preemption compatibility... Reverts to it's previous timing immediately following a preemption call
- ▲ Unique memory feature allows countdown time to remain stored internally, even when power is removed for extended periods of time
- ▲ Up to 4 units can be connected in parallel without disturbing the monitoring of the Hand/Person
- ▲ Automatically adjusts to traffic controller interval changes
- ▲ 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

## SPECIFICATIONS

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

## TYPICAL OPERATING CHARACTERISTICS

Part Number	Housing Size (inches)	SYMBOL			TYPICAL WATTAGE @ 25°C		
		Countdown	Hand	Person	Countdown	Hand	Person
430-6479-001	16 x 18	2-Row	Filled	Filled	5	6	6
430-7773-001	12 x 12	2-Row	N/A	N/A	5	N/A	N/A



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