

# GT1™ LED Pedestrian Signals

16 x 18 inch Side by Side -  
Full Hand, Full Person

## Excellent Appearance & Visibility

- Robust LED system design enables high luminous intensity over long product life
- Efficient optical system minimizes power consumption while providing excellent uniformity and viewing angles
- New! Single piece transparent front window with internal masking to prevent:
  - icons display from being readily visible when not in operation
  - scratches and abrasions compared with external silk screen technology
- Bright and clear icons
- New or retrofit use
- Fully uniform look

## Outstanding Reliability & Robust Operation

- Internal conflict monitor preventing walk and don't walk indications to light up at the same time (PS7-CFC1-26A only)
- Individual power supply drives each display to ensure proper indication
- Over-molded electrical connectors providing moisture and dust protection

## Meets Rigorous Certification & Testing Standards

- Intertek ETL Verified compliant (PS7-CFC1-26A only)
- EPACK 2005 compliant
- Caltrans approved - Draft Specifications dated Dec. 2008 (PS7-CFC1-26A-22 only)
- Using MIL-STD-810F and NEMA 250-1991 Type 4 for environmental robustness, passed reliability and qualification testing including high temperature, high humidity cycling (HTHH for 1,000 hours)
- Production quality compliant to GE Six Sigma requirements
- Compliant with the ITE PTCSI LED Signal Modules
  - draft version dated Feb. 2009 (PS7-CFC1-26A only)



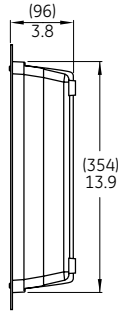
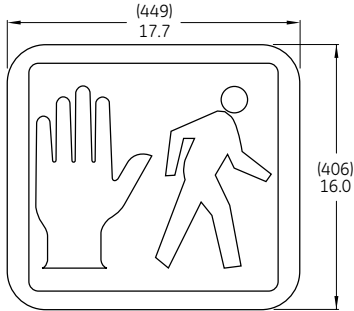
imagination at work

The Greatest Signals Stand the Test of Time™

# GT1™ LED Pedestrian Signals

- 16 x 18 inch module

## Mechanical Outline Dimensions in inches. (mm) indicates metric equivalent



## Design Compliance

Test type	Compliance
Luminous Intensity	A: ITE PTCSI LED Signal Modules Draft version of Feb. 2009 B: Caltrans Specifications Draft version of Dec. 2008
Chromaticity	A: ITE PTCSI LED Signal Modules Draft version of Feb. 2009 B: Caltrans Specifications Draft version of Dec. 2008
Moisture Resistance	Blown Wind Rain MIL-STD-810F method 506.4 - NEMA 250 type 4
Mechanical Vibration	MIL-STD-883 Method 2007
Electronic Noise	FCC Title 47 Sec 15 Sub. B <sup>1</sup>
Transient Voltage Protection	A: ITE PTCSI LED Signal Modules Draft version of Feb. 2009 (NEMA 2.1.8.) B: Caltrans Specifications Draft version of Dec. 2008 (NEMA 2.1.8.)
Controller Compatibility	NEMA TS-2-2003
Wiring	NFPA 70, National Electric Code

## Operating Specifications

Parameter	Rating
Operating Temperature Range*	-40 to +74°C (-40 to +165°F)
Operating Voltage Range	80 to 135 V (60Hz AC)
Power Factor (PF)	> 90 %
Total Harmonic Distortion (THD)	< 20 %
Voltage Turn-Off (VTO)	35 V
Start-up Time	< 75msec
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	16 AWG, Color Coded with Strain Relief
LED Color	Hand: Portland Orange Person: Lunar White
Default Mode	Hand only (PS7-CFC1-26A only)

\* Performed in compliance with ITE test method described in the technical notes

## Product Information

Model Number	Dimensions		Symbol		AC Voltage Nominal	Power (W)		50% L.O. Beam Angle	Minimum Luminance	
	Dimensions	Layout	Hand	Person		Hand	Person	Degrees	on Axis	Cd/m <sup>2</sup>
									Hand	Person
PS7-CFC1-26A <sup>2</sup>	16 x 18 in	Side by Side	Full	Full	120V - 60Hz	5	5	26	1400	2200
PS7-CFC1-26A-22 <sup>3</sup>	16 x 18 in	Side by Side	Full	Full	120V - 60Hz	6	6	18	3750	5300

<sup>1</sup> Class A

<sup>2</sup> ITE PTCSI LED Signal Modules - Draft version of Feb. 2009

<sup>3</sup> Caltrans Specifications - Draft version of Dec. 2008

Test Condition: T<sub>a</sub> = 25°C. All values are design or typical values when measured under laboratory conditions.

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