

# 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
- 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

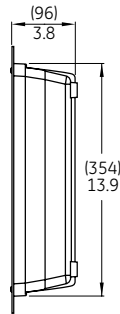
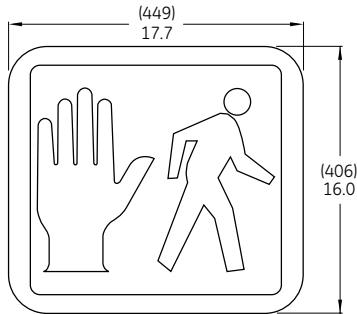
- Intertek ETL Verified compliant (PS7-CFC1-26A only)
- DOE compliant
- Caltrans approved - Draft Specifications dated Dec. 2008 (PS7-CFC1-26A-22 only)
- Using MIL-STD-810F and NEMA 250-1991 Type 4 for environmental robustness, passed reliability and qualification testing including high temperature, high humidity cycling (HTHH for 1,000 hours)
- Production quality compliant to GE Six Sigma requirements
- Compliant with the ITE PTCSI LED Signal Modules
  - Version dated August 2010 (PS7-CFC1-26A only)



# 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 Version dated August 2010 B: Caltrans Specifications Draft version of Dec. 2008
Chromaticity	A: ITE PTCSI LED Signal Modules Version dated August 2010 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 Version dated August 2010 (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 - version of August 2010

<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.

Distributed by:



GE Lighting Solutions • **1-888-MY-GE-LED** • [www.gelightingsolutions.com](http://www.gelightingsolutions.com)  
1 - 8 8 8 - 6 9 - 4 3 - 5 3 3

GE Lighting Solutions, LLC is a subsidiary of the General Electric Company. GT1 and "The Greatest Signals Stand the Test of Time" are trademarks of GE Lighting Solutions, LLC. The GE brand and logo are trademarks of the General Electric Company. © 2013 GE Lighting Solutions, LLC. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.

TRAF013-R050913