

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
- EPACT 2005 compliant
- Designed to meet Caltrans Draft Specifications dated Dec. 2008
- 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



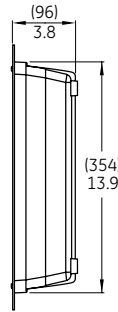
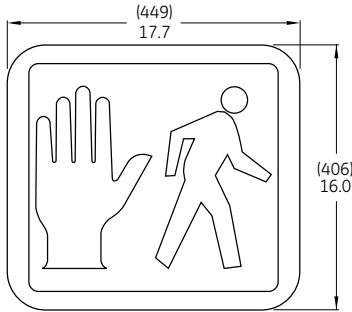
imagination at work

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	ITE PTCSI LED Signal Modules Draft version of Feb. 2009
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 ¹
Transient Voltage Protection	ITE PTCSI LED Signal Modules Draft version of Feb. 2009
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 Luminous Intensity Cd/m ²	
	Dimensions	Layout	Hand	Person		Hand	Person	Degrees	Hand	Person
PS7-CFC1-26A ²	16 x 18 in	Side by Side	Full	Full	120V - 60Hz	5	5	26	1400	2200
PS7-CFC1-26A-22 ³	16 x 18 in	Side by Side	Full	Full	120V - 60Hz	6	6	18	3750	5300

¹ Class A

² ITE PTCSI LED Signal Modules - Draft version of Feb. 2009

³ Caltrans Specifications - Draft version of Dec. 2008

Test Condition: T_a = 25°C. All values are design or typical values when measured under laboratory conditions.

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