GE
Lumination

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

Outstanding Reliability & Robust Operation

- Internal conflict monitor preventing walk and don't walk indications to light up at the same time
- 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 specifications
- 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 Part 2 LED Pedestrian Traffic Signal Modules dated March 19, 2004

imagination at work

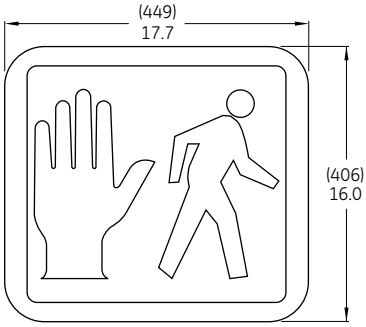
The Greatest Signals Stand the Test of Time.™

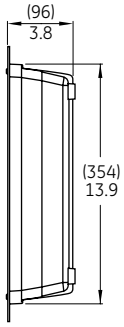
GT1™ LED Pedestrian Signals

- 16 x 18 inch module

Mechanical Outline

Dimensions in inches. (mm) indicates metric equivalent





Design Compliance

Test type	Compliance
Luminous Intensity	A: ITE Pedestrian Traffic Control Signal Indications - Part 2: LED Pedestrian Traffic Signal Modules[2] - March 2004 B: Caltrans[3]
Chromaticity	ITE PTCSI-STD Part 2 - March 2004
Moisture Resistance	Blown Wind Rain MIL-STD-810F method 506.4 - NEMA 250 type 4
Mechanical Vibration	MIL-STD-883 Method 2007 Sec. 2.1.8 NEMA TS 2-2003
Electronic Noise	FCC Title 47 Sec 15 Sub. B[1]
Transient Voltage Protection	ITE PTCSI-STD Part 2 - March 2004 Sec. 2.1.8 NEMA TS 2-2003
Controller Compatibility	NEMA TS-2-1992
Wiring	National Electric Code

[1] Class A

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

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

Product Information

Model Number	Dimensions		Symbol		AC Voltage	Power (W)		Beam Pattern	Minimum Luminous Intensity Cd/m²	
	Dimensions	Layout	Hand	Person	Nominal	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-CFC1-46A[3]	16 x 18 in	Side by Side	Full	Full	120V - 60Hz	5	5	26	3750	5300

[2] ITE PTCSI-Standards Part 2
[3] Caltrans Standards
Test Condition: T_o = 25°C. All values are design or typical values when measured under laboratory conditions.

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