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Catalog Cut
Item #: 1106...

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, clear icons
Uniform look
New or retrofit use
ITE compliant designs

Outstanding Reliability & Robust Operation

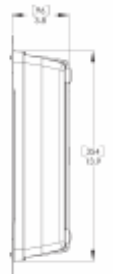
- Integrated failed-state impedance protection detects the loss of LED load
- Individual power supply drives each display to ensure proper indication
- Over-molded electrical connectors providing moisture and dust protection

Meets Rigorous Certification & Testing Standards

- Designed to the ITE PTCSI standards dated March 19th 2004
- EPA 2005 compliant
- Designed to meet Caltrans specifications
- Using MIL Std 810 for environmental robustness, passed reliability and qualification testing including high temperature, high humidity cycling

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: Light Emitting Diode (LED) Pedestrian Traffic Signal Modules ¹ - March 2004 B: Caltrans ²
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
Electronic Noise	FCC Title 47 Sec 15 Sub. B
Transient Voltage Protection	ITE PTCSI-STD Part 2 - March 2004
Controller Compatibility	NEMA TS-2-1992
Wiring	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

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

Product Information

Model Number	Dimensions		Symbol		AC Voltage Nominal	Power (W)		Beam Pattern Degrees	Minimum Luminous Intensity Cd/m ²	
	Dimensions	Layout	Hand	Person		Hand	Person		Hand	Person
PS7-CFC1-26A ¹	16x 18 in	Side by Side	Full	Full	120V - 60Hz	5	5	26	1400	2200
PS7-CFC1-46A ²	16x 18 in	Side by Side	Full	Full	120V - 60Hz	5	5	26	3750	5300

¹ ITE PTCSI Standards Part 2
² Caltrans Standards

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