

GT1™ LED Pedestrian Signals

Full Hand, Full Person -
Stand Alone (12 x 12 in),
Side by Side (16 x 18 in)



Project Name _____

Date _____ Type _____

Notes _____



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, PS6-WFM3-26A, PS6-PFH1-26A 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 (PS7-CFC1-26A-22 only) for environmental robustness, passed reliability and qualification testing including high temperature, high humidity cycling (HTHH for 1,000 hours)
- Production quality compliant to Current Six Sigma requirements
- Compliant with ITE PTCSI LED Signal Modules adopted Aug. 4, 2010 (PS7-CFC1-26A, PS6-WFM3-26A, PS6-PFH1-26A only)



- Optimal thermal management for longer life
- Provides performance under extreme field conditions



The Greatest Signals Stand the Test of Time.™

GT1™ LED Pedestrian Signals

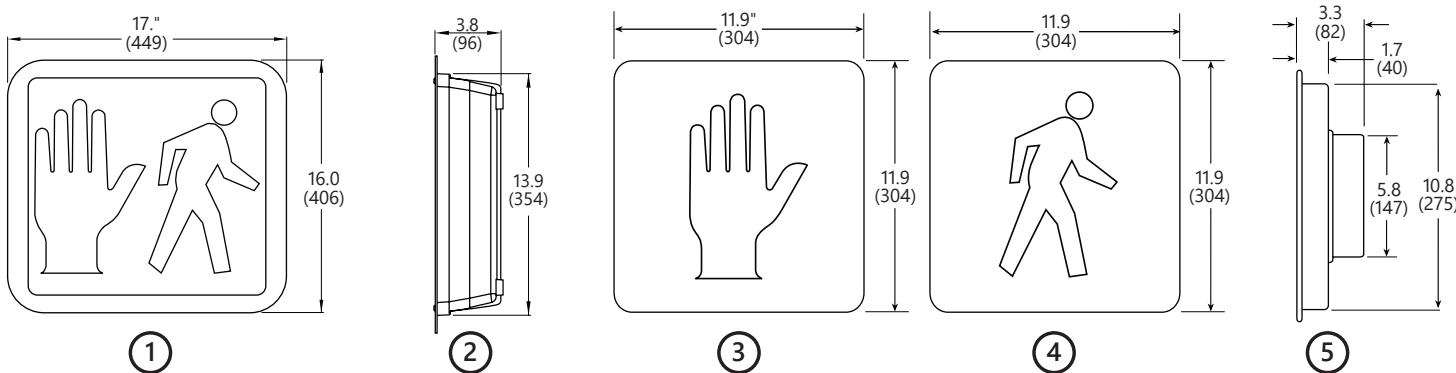
Full Hand, Full Person - Stand Alone (12 x 12 in),
Side by Side (16 x 18 in)

Project Name _____

Date _____ Type _____

Notes _____

Mechanical Outline Dimensions in inches (mm)



Design Compliance

Test type	Compliance
Luminous Intensity	A: ITE PTCSI LED Signal Modules Adopted Aug. 4, 2010 B: Caltrans Specifications Draft version of Dec. 2008
Chromaticity	A: ITE PTCSI LED Signal Modules Adopted Aug. 4, 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 ¹
Transient Voltage Protection	A: ITE PTCSI LED Signal Modules Adopted Aug. 4, 2010 B: Caltrans Specifications Draft version of Dec. 2008
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	Layout	AC Voltage		Countdown	Beam Pattern	Minimum Luminous Intensity Cd/m ²		Mechanical Outline
			Nominal	Hand / Person			Hand/Digit	Person	
PS7-CFF1-26A ^{3,4}	16 x 18 in	Overlay / Countdown	120V - 60Hz	11 / 8	6	26	1400	2200	1, 2 and 3
PS7-CFF1-26A-J ^{3,4}	16 x 18 in	Overlay / Countdown	120V - 60Hz	11 / 8	6	26	1400	2200	1, 2 and 3
PS7-CFF1-26A-J1 ⁴	16 x 18 in	Overlay / Countdown	120V - 60Hz	11 / 8	6	26	1400	2200	1, 2 and 3
PS7-CFF1-46A ^{2,4}	16 x 18 in	Overlay / Countdown	120V - 60Hz	11 / 8	9	18	3750	5300	1, 2 and 3
PS7-CFF1-46A-J ^{2,4}	16 x 18 in	Overlay / Countdown	120V - 60Hz	11 / 8	9	18	3750	2200	1, 2 and 3
PS6-PFD1-26A ^{3,5}	12 x 12 in	Countdown	120V - 60Hz	- / -	5	26	1400	5300	1, 2 and 3
PS6-PFD1-26A-H3 ^{5,7}	12 x 12 in	Countdown	120V - 60Hz	- / -	5	26	1400	2200	4 and 6
PS6-CFL1-26A ^{3,6}	12 x 12 in	Overlay	120V - 60Hz	5 / 5	-	26	1400	2200	4 and 6

Test conditions: Ta = 25°C.

All values are design or typical values when measured under laboratory conditions.

¹ Class A

² CalTrans Photometric Requirements Specification - Draft version of Dec. 2008

³ ITE PTCSI LED Signal Modules - Adopted August 4, 2010

⁴ Full MUTCD Compliance

⁵ To be associated with PS6-CFL1-26A (Full Hand-Full Person-Overlay)

⁶ To be associated with PS6-PFD1-26A or PS6-PFD1-26A-H3

⁷ CSA approved