



CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____

GTX® City

LED Countdown Pedestrian Signals

15.9 x 16.6 inch

PS7-CFF1-VLA-030

Design Compliance

TEST TYPE	COMPLIANCE
Test type Luminous intensity, Uniformity & Viewing Angles *	ITE PTCSI LED Signal Modules version of August 2010
Chromaticity	ITE PTCSI LED Signal Modules version of August 2010
Moisture Resistance	MIL-STD-810F Procedure 1, Rain & Blowing Rain
Mechanical Vibration	MIL-STD-883 Test Method 2007
Electronic Noise	FCC Title 47 Sec 15 Sub. B1
T ransient Voltage Protection	Sec. 2.1.6 NEMA TS 2-2003 Sec. 2.1.8 NEMA TS 2-2003
Controller Compatibility	NEMA TS-2-2003
Transient Suppression	Sec. 8.2 IEC 1000-4-5 & Sec. 6.1.2 ANSI/IEEE C62.41.2 - 2002, 3KV, 2 Ω Sec. 8.0 IEC 1000-4-12 & Sec. 6.1.1 ANSI/IEEE C62.41.2 - 2002, 6KV, 30 Ω
Wiring	NFPA 70, National Electric Code
Digits	MUTCD 2003, Section 4E.07, Countdown Numbers Minimum 9" Height & 7" Width 2

¹ Class A.

² Full MUTCD Compliance

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

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 Stripped & Tinned End Wire, with Strain Relief
LED Color	Hand: Portland Orange Person: Lunar White Countdown: Portland Orange
Conflict Default Condition	Hand only

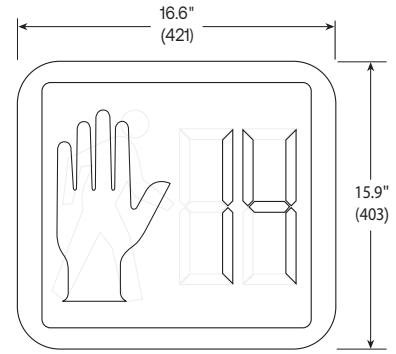
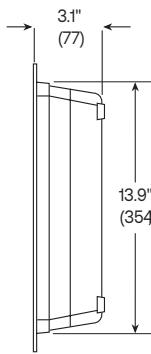
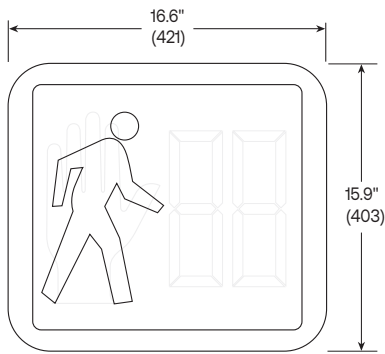
* Standard ITE version

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

Product Information

MODEL NUMBER	DIMENSIONS		SYMBOL		AC VOLTAGE	POWER (W)			MINIMUM LUMINOUS INTENSITY CD/M2	
	DIMENSIONS	LAYOUT	HAND	PERSON	NOMINAL	HAND	PERSON	COUNTDOWN	HAND/DIGIT	PERSON
PS7-CFF1-VLA-030	15.9 x 16.6 in	Overlay Countdown	Full	Full	120V - 60Hz	6	6	8	1400 to 4200	2200 to 6600

Product Information



Dimensions in inches. (mm) indicates metric equivalent

Excellent Appearance & Visibility

- Robust LED system design enables high luminous intensity over product life cycle
- Efficient optical system minimizes power consumption while providing excellent uniformity and viewing angles
- Single piece transparent front window with internal masking to prevent:
 - Countdown and icons display from being readily visible when not in operation
 - Scratches and abrasions compared with external silk screen technology
- Bright and clear icons
- Fully uniform look
- Lower profile*
- Improved luminous intensity uniformity exceeds ITE requirements
- Standard ITE version:
 - Meets all ITE requirements
- High Output version available:
 - Exceeds ITE requirements for Luminous Intensity

*Compared to PS7-CFF1-27A and PS7-CFF1-46A-MB-T

Outstanding Reliability & Robust Operation

- Internal conflict monitor preventing walk and don't walk indications to light up at the same time
- Reduced overall power consumption*

Meets Rigorous Certification & Testing Standards

- DOE compliant
- Using MIL-STD-810F for environmental robustness, passed reliability and qualification testing including high temperature, high humidity (HTHH for 1,000 hours), thermal cycling.
- Compliant (for Full Hand/Full Person) with the ITE PTCSI LED Signal Modules
 - version dated August 2010