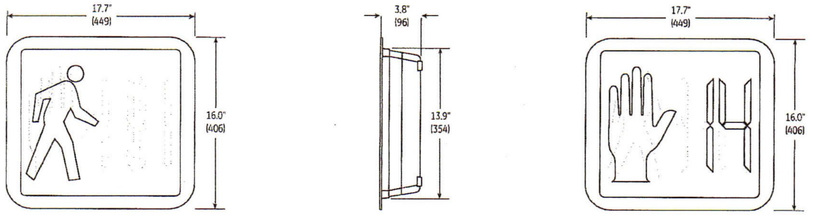
GE LED Countdown Pedestrian Signals

- 16 x 18 inch module

Mechanical Outline

Dimensions in inches. (mm) indicates metric equivalent



Design Compliance

Test type	Compliance
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. B[1]
Transient 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

[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	20 AWG, Color Coded with Strain Relief
LED Color	Hand: Portland Orange Person: Lunar White Countdown: Portland Orange
Default Mode	Hand only

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

Product Information

	Dimensions		Symbol		AC Voltage	Power (W)			Beam Pattern	Minimum Luminous Intensity Cd/m²	
Model Number	Dimensions	Layout	Hand	Person	Nominal	Hand	Person	Countdown	Degrees	Hand/Digit	Person
PS7-CFF1-27A[2]	16 x 18 in	Overlay Countdown	Full	Full	120V - 60Hz	11	7	6	26	1400	2200

[1] Class A.
[2] Full MUTCD Compliance
Test Condition : T_o = 25°C. All values are design or typical values when measured under laboratory conditions.

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