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Catalog Cut
Item #: 1106...

GE
Lumination

GT1™ LED Countdown Pedestrian Signals

16 x 18 inch



Bright, clear icons

Uniform look

New or retrofit use

ITE Compliant for
Full Hand/ Full Person

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
- New! Single piece transparent frontwindow 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

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

- EPACT 2005 compliant
- Using MIL Std 810F and NEMA 250-1991 Type 4 for environmental robustness, passed reliability and qualification testing including high temperature, high humidity cycling
- High Temperature High Humidity (HTHH) Testing of 1,000 hours
- Production quality compliant to GE Six Sigma requirements

Design Compliance

Test type	Compliance
Luminous intensity, Uniformity & Viewing Angles	ITE Pedestrian Traffic Control Signal Indications - Part 2 Light Emitting Diode (LED) Pedestrian Traffic Signal Modules - March 2004 Sections 4.1.1, 4.1.2 & 4.1.3 (applies to: Hand & Person only)
Chromaticity	ITE PTCSI-STD Part 2 - March 2004
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	ITE PTCSI-STD Part 2, - March 2004 Sec. 2.1.8 NEMA TS 2-2003
Controller Compatibility	NEMA TS-2-1992
Transient Suppression	Sec. 8.2 IEC 1000-4-5 & Sec. 6.1.2 ANS/IEEE C6241.2 - 2002, 3kV, 2 Ω Sec. 8.0 IEC 1000-4-12 & Sec. 6.1.1 ANS/IEEE C6241.2 - 2002, 6kV, 30 Ω
Wiring	National Electric Code
Sizing	MUTCD 2003, Section 4E.07, Countdown Numbers Minimum 9" Height & 7" Width

¹Class 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

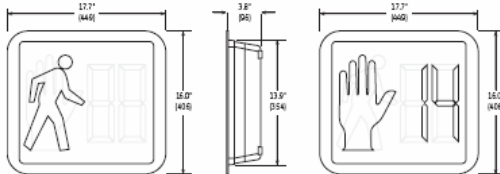
* Performed in compliance with ITE test method described in the technical notes

GT1™ LED Pedestrian Signals

- 16 x 18 inch module

Mechanical Outline

Dimensions in Inches. (mm) indicates metric equivalent



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	Countdown		Hand/Digit	Person
PS7-CFF1-26A ²	16 x 18 in	Overlay Countdown	Full	Full	120V - 60Hz	11	8	6	46	1400	2200

² Full MUTCD Compliance

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

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