



We help ideas meet the real world

LTL-XL

Specifications



Optical specifications

Field of measurement:	
- Width:	50 mm / 1.97 inch
- Height:	185 mm / 7.28 inch
Illumination angle to road:	1.24°
Observation angle to road:	2.29°
Illumination angular spread:	
Horizontal:	0.33°
Vertical:	0.17°
Observation angular spread:	±0.17°
Equivalent observations distance:	30 m
R _L range (mcd·m-2·lx-1)	0-2000
Qd range (mcd·m-2·lx-1)	0-318

Instrument dimensions

Length:	573 mm / 22.56 inch
Width:	222 mm / 8.74 inch
Height:	538 mm / 21.18 inch
Weight:	7 Kg / 15.5 lbs

Compliance

EMC:	EN 61326 : 2007
Low voltage:	Not applicable, battery driven
ROHS:	Compliance to the requirement of and its exception. Directive 2002/95/EC; 2002/96/EC Annex 1A

Electrical characteristics

Power supply:	NiMH
Data memory:	200,000 measurements
Interface to PC/PDA:	USB

Environmental specification

Temperature:	
- Operating	0°C to +45°C / 32°F to 113°F
- Storage*	-15°C to +55°C / 5°F to 131°F
Humidity:	non condensing

Timing

Measurement time:	R _L 1 sec. / R _L + Qd : 3 sec.
Time between measurement:	1 sec.

Standards

EN 1436
ASTM E-1710

Features

- Night and daytime visibility measurement
- Ergonomic and easy-to-use lightweight design that reduces operator fatigue and discomfort by allowing single-handed operation and single touch controls
- Air humidity and temperature measurement
- Single hand operated and user-friendly
- Newest technology with smart and upgradable features
- Safeguarded for the future with seamless connection to any system running, such as PCs and PDAs
- Long lifetime due to solid state technology
- Measures plain texture and profiled markings up to 5 mm
- Measures both dry and wet markings
- Measurement statistics
- ID functions (road, operator, line type, colour)
- Multilingual
- Data storage and communication
- RSC software for PC downloads
- Stray light compensated

Standard delivery

LTL-XL Retrometer
RSC - software for download and report generation
Calibration standard
Battery charger
Quick guide
Carrying case on wheels
User manual on CD/DVD

Options

GPS
Telescopic handle
Wheels
Printer
12V car battery charger