

Light Table

LightTable[®] enables accurate protective device coordination with a comprehensive library of manufacturers' time-current device curves and the tools to superimpose, manipulate and analyze them. In addition, LightTable has seamless integration with WindMil to allow Coordination Analysis to determine which devices in a circuit model pass or fail coordination. This integration allows for device settings to be modified from WindMil and selected device curves to be displayed in LightTable. WindMil uses Fault Current and Load Current values calculated in the system to ensure proper device coordination. No more manually entering fault values into a TCC to manually check curves for coordination.

Say goodbye to days and weeks of coordination studies. Let WindMil and LightTable remove the repetition and allow you to perform your study in less time.



LightTable Analysis Functions

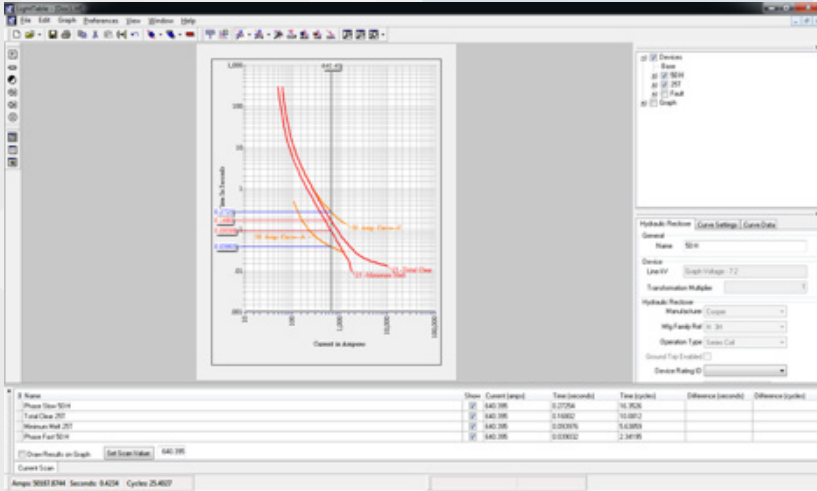
- Automatically locates intersection points among multiple curves
- Automates fuse and recloser coordination according to user-defined rules
- Single-point data entry for overcurrent devices
- Provides users with the time values at a given fault value
- Provides users with differences in time values at a given fault value
- Shifts curves using time and amp adders and multipliers
- User-defined marks at specified fault values

LightTable Features

- Display curves on the screen
- Shift curves
- Automatically re-scale grids
- Automatically calculate shifting multipliers across transformers
- Zoom and pan curves
- Find curve intersections
- Save groups of curves and devices
- Print hardcopy display
- Edit existing curves
- Library of over 10,000 overcurrent curves
- Reporting tools
- Integration with WindMil
- User-defined label formats for each device type
- Powerful device editors
- Save device configurations
- Contains curves from several device types including:
 - Conductors
 - Electromechanical and Digital Relay
 - Hydraulic and Electronic Reclosers
 - Fault Interrupters
 - Fuses
 - Pad-Mounted Switchgear
 - Transformers
- Gives the user the ability to create curves
- Database easily updated with new curves



WindMil Integration Features



- Link curve settings to WindMil model Device Equipment
- Select devices in WindMil model and display curves in LightTable
- Display Fault Current Values from WindMil Model in LightTable
- Display Transformers from WindMil Model in LightTable
- Coordination Analysis uses Curves from LightTable to calculate device coordination pass/fail
- Modify device settings in WindMil and recalculate coordination

Hardware Requirements

Milsoft WindMil® (EA)

(Client Machine)

The following are specifications for WindMil (EA) and LightTable®:

REQUIRED	RECOMMENDED (NOTE 1)
Intel I5	Intel I7
Windows 7 x64 bit or Windows 8	
8 GB RAM	16+ GB RAM or higher
Dual monitor	Dual monitor
100 Mbps network connection	1 Gbps or higher

Required specifications for client machines are the minimum requirements for these machines to run efficiently. New client machines with anything below the recommended specifications should not be purchased.

Note 1: Medium and Large Utilities with External SQL DB \geq 500 Mb or connectivity model \geq 100,000 elements must use the Recommended Minimums.