

## Benefits

The Lux Mapping system offers many benefits including:

- Unique and easy to understand system for creation of road lighting lux data maps
- Quality tool for quick and efficient assessment of road lighting
- Audit new road lighting installations
- Performance and efficiency assessment for road lighting installations
- Road lighting compliance checks
- Analysis of lighting as safety factor by combining crash and lux of data maps
- Comparison of lux data before and after improvements

## Advantages

**High Speed Survey**  
*Highly effective solution for road lighting asset management and assessment.*

**Mapping capabilities**  
*Data integration to GIS applications.*

**In Traffic Survey**  
*No obstruction to traffic. Speed of survey is limited only by traffic flow.*

**Data Resolution**  
*Frequency of survey points no greater than 4 m.*

**Accuracy**  
*Repeatability of data.*



## Lux Mapping 3 Step Process

### Step 1 - Surveying

- Road lighting surveys at traffic speed
- GPS accuracy to plot lux data
- No road closures

### Step 2 - Processing

- Real time production of data
- Implementation of road lighting categories
- Versatile presentation formats

### Step 3 - Presenting

- Easy to understand with colour coding
- Mapping capabilities
- Visual data presentation

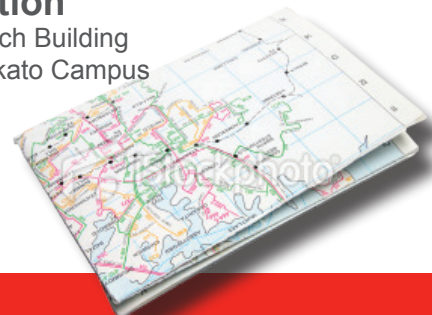
## Contact

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# Lux Mapping™

Adding an extra dimension to  
active asset management



## Lux Mapping System

A unique system for the creation of lux data maps which can be easily integrated into an asset owner's GIS applications.

### Key Features

#### Portability

*No special survey vehicle required*

#### Simplicity

*Windows PC Laptop and survey hardware*

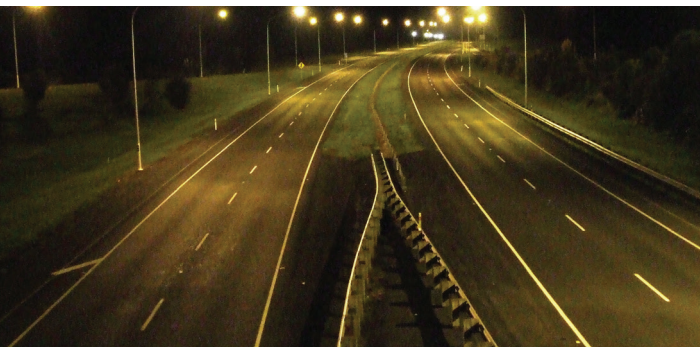
#### Smart Interface

*Customs and easy to operate interface*

#### GPS Type Application

*Featuring lux vs coordinates data collection*

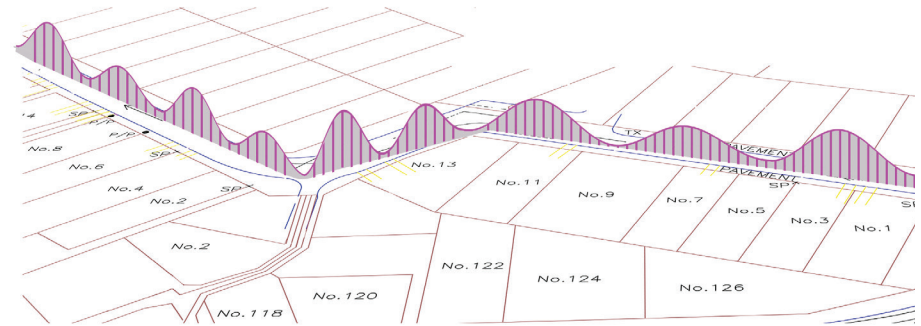
The Lux Mapping system provides an additional dimension to asset management. It is a practical and easy to understand system designed to help with analysis of a wide range of in-field lighting issues.



## Lux Mapping In Use

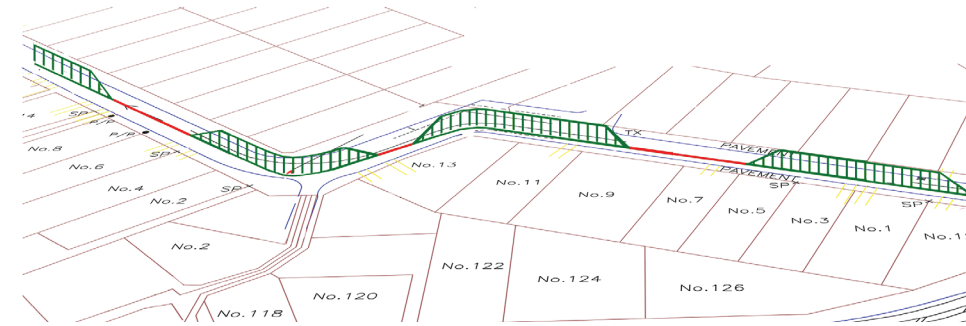
### Map of Lux Levels

The trace represents the rise and fall of lux level along a given route. This can highlight issues and areas for examination.



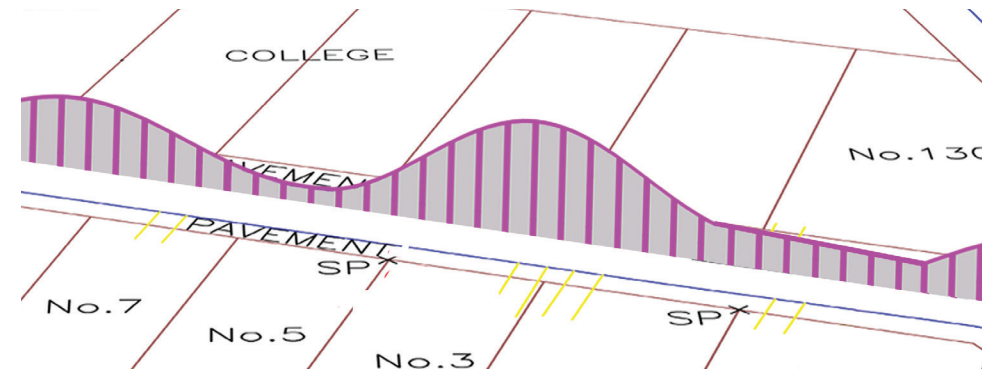
### Colour Coded Presentation

This is an easy to understand format. The red line represents unsatisfactory lighting, with the green representing satisfactory levels on selected lighting category.



### Micro Performance

The graphs allow the quick assessment of individual lighting performance in areas of concern such as intersections, road curves, crash spots and public facilities.



The Lux Mapping system greatly improves the manner in which local authorities, contractors and regulators are able to assess the efficiency of street lighting installations using GPS based technology.

Please visit our website for more information and full contact details.

[www.luxmapping.com](http://www.luxmapping.com)

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