



# LEED Toolkit Features:

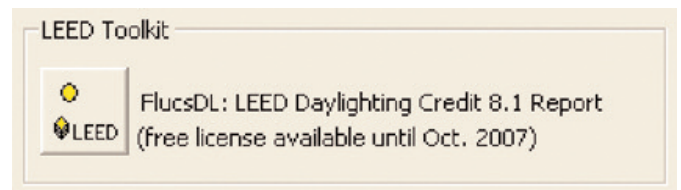
The **<VE> LEED Toolkit** enables AEC professionals to quickly check their buildings against key performance related LEED Credits. Designs can be analyzed right from the early stages with just a click of a few buttons. 'What-if' scenarios can be quickly assessed against each other to establish which approaches achieve a pass. Designers can combine these results with those from the Sustainability Toolkit to determine the most appropriate approach. The **<Virtual Environment>** Toolkits are exclusive to Autodesk Revit, uniquely leveraging sustainability and LEED compliance into your BIM project.

The analysis option for Daylighting Credit 8.1 is currently available to trial for free. The full LEED toolkit will include further analysis options and will be available from Spring 2008.

## LEED Daylighting Credit 8.1

(AVAILABLE TO TRIAL FOR FREE)

Produce LEED NC 2.2 daylighting credit 8.1 reports that analyze all regularly habited rooms within the building. Determine what percentage of occupied space achieves the required 2% daylight factor.



## Output

### Threshold tables

#### Daylight simulation model data:

Location: London/Weather Centre, United Kingdom (51.49N, 0.18W)

Illuminance threshold = 269.098 lux

#### Rooms

Room ID	Room name	Floor area (m²)	Percentage above threshold (%)	Average illuminance (lux)
0002D191	11 office	55.766	100.00	1427.916
0002D193	12 office	55.766	100.00	1160.130
0002D197	13 office	55.766	100.00	1214.200
0002D199	14 office	55.766	100.00	1169.913
0002D19D	15 office	55.766	100.00	1208.423
0002D1B0	21 office	71.240	43.32	433.984
0002D1BB	22 office	80.377	15.84	164.364
0002D1C3	26 office	69.977	45.45	444.076
0003A5E0	27 office	71.240	42.25	427.965

#### Building

Total floor area (m²)	Area-weighted percentage above threshold (%)
2311.135	75.90

## LEED NC 2.2 Credit 8.1

### Daylight simulation model data:

Sky model: CIE Clear Sky on 21 Mar at 12:00

Location: London/Weather Centre, United Kingdom (51.49N, 0.18W)

Working plane height: 30 inches

Grid size: 2 feet

Illuminance threshold = 25.000 fc

Total area (ft²)	24876.853
Total area above threshold (ft²)	18880.758
Percentage	75.9%

LEED NC 2.2 EQ Credit 8.1 daylight and views: **PASS**