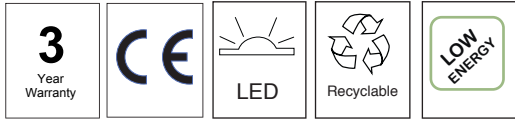




Simmons signs

ECOSAFELIGHT LED LIGHT UNIT

Features & Benefits Guide



Simmons signs LED retrofit light unit for popular subway lighting systems

Simmons signs have developed a high quality range of LED retrofit adaptor brackets for popular subway lighting systems. The new retro fit solutions will now provide more light to these areas at a lower cost. LED arrays can be easily exchanged for future improved, lower power units using its simple “click fit” installation.

Features

- Fits existing Safeway and other popular units including Design Plan and Bergo
- Straight replacement for existing fluorescent light units
- Lower power consumption
- 8 light output levels provides design flexibility
- CMS options for Safeway installations
- Future proof LED array (Click fit)
- Power factor ≥ 0.9
- Conforms to Photobiological Safety and Lamps Systems EN62471:2008

Benefits

- > 50% energy reduction compared to equivalent PL units
- Fast payback - potential Salix funding
- Quick and easy installation
- Adjustable light output
- Modular design
- Comparable with original lighting design
- Future improved LED arrays can be easily exchanged
- Multiple LED's reduce impact of end of life failure
- 3 year warranty

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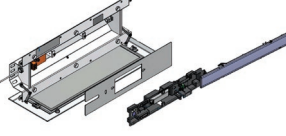
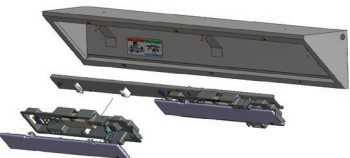
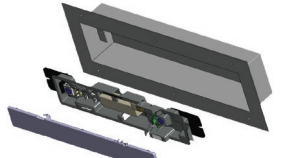

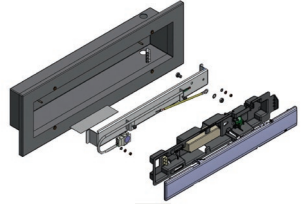
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Simmons signs Limited
Stafford Park 5, Telford, Shropshire TF3 3AS
Tel: 01952 293 333 **Fax:** 01952 293 555

Email: sales@simmons signs.co.uk **www.simmons signs.co.uk**



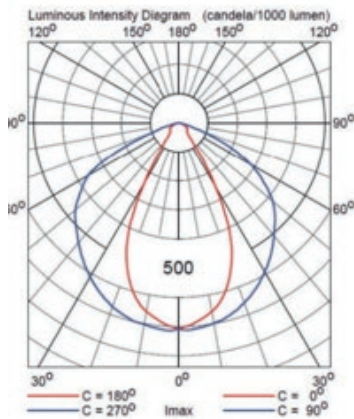
INSTALLATION OPTIONS

Lighting Systems	Fittings	Max No of EcoSafelight units	Lighting Systems	Fittings	Max No of EcoSafelight units	
Safeway	 1 EcoSafelight Module	1	Design Plan	 Up to 2 EcoSafelight Modules	2	
Bergo	 1 EcoSafelight Module	1		Tuscan 6 foot	 Up to 3 EcoSafelight Modules	3
				Bergen	 1 EcoSafelight Module	1

LIGHTING EQUIPMENT

- EcoSafelight LED array.
- Single IP67 LED driver with 0.9 power factor correction.
- Maximum 30 Watt dimmable total energy consumption (see table below).
- 230V AC 50 Hz

EcoSafelight/Clear lens



EcoSafelight operating temperature -25°C to +25°C ambient.

EcoSafelight Performance Details (single unit)

Ambient Temperature (25°C) BS5225 test conditions						
Setting	Total Lumen output (Clear lens)	DLOR	ULOR	TLOR	Watt*	DLOR x Lumen output (Clear lens)
7	2300	1	0	1	24	2300
6	1940	1	0	1	20	1940
5	1630	1	0	1	17	1630
4	1390	1	0	1	14	1390
3	1150	1	0	1	12	1150
2	810	1	0	1	9	810
1	280	1	0	1	4	280
0	2940	1	0	1	30	2940

DLOR=downward light output ratio
 ULOR= upward light output ratio
 TLOR= total light output ratio
 *Total circuit power

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