

PHOTOVOLTAIC SKYLIGHT RENOVATION

Eglon House, the former home of Tim Burton in London, integrated a **photovoltaic atrium on the building's upper floor.**

Eglon House's innovative **amorphous silicon photovoltaic atrium** not only invites a formidable amount of **natural light** to enter the space but **produce energy and filters harmful radiation and insulate the building.**

Each PV glass unit is manufactured with an **argon chamber** to drastically **improve the thermal and acoustic insulation.**

This atrium can presume of achieving **a perfect balance** among natural light entrance, insulation and energy production.



TECHNICAL DATA

Nominal Power (Wp/m ²)	40 Wp/m ²
Visible Light Transmittance (VLT)	10%
Solar Factor (g-value)	10%
U value (W/m ² K)	1.00
U value (Btu/h ft ² °F)	0,18
Light Reflection (external)	8%



EGLON HOUSE
LONDON, UNITED KINGDOM

SKYLIGHT

AMORPHOUS SILICON TECHNOLOGY

**THE
MODERN
HOUSE**

**CHASSAY
+ LAST**
ARCHITECTS