

## Energy performance certificate (EPC) recommendation report

Carlton Hotel Mumbles Ltd  
650-656 Mumbles Road  
Mumbles  
SWANSEA  
SA3 4EA

Report number  
**0190-0643-5819-8907-6006**

Valid until  
**13 March 2027**

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### Energy rating and EPC

This property's energy rating is D.

For more information on the property's energy performance, see the EPC for this property.

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## Recommendations

### Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
Consider replacing heating boiler plant with high efficiency type.	Medium
Add optimum start/stop to the heating system.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
Some windows have high U-values - consider installing secondary glazing.	High
Add local temperature control to the heating system.	Low
Add weather compensation controls to heating system.	Low
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low

### Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	High

### Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Consider installing solar water heating.	Low
Consider installing PV.	Low

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## Property and report details

Report issued on	14 March 2017
Total useful floor area	841 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	CLG, iSBEM, v5.3.a, SBEM, v5.3.a.0

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**Assessor's details**

Assessor's name	Maurice Carter
Employer's name	EPC 4 Cardiff
Employer's address	23 Slade Close, Sully, Vale of Glamorgan
Assessor ID	STRO002235
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Stroma Certification Ltd

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