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Comparing Wavelength Shifting Fibres and Strips for SoLid

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This project compared the current wavelength shifting fibres used in SoLid to the proposed wavelength shifting strips. The relative light yield of the strips compared to the fibres was investigated, and the results seem to indicate that the strips are at least as good, if not marginally better than, the current fibres. However taking into account the relatively crude methods involved in using constructing the strips compared to the fibres, it seems likely that if the methods for creating the strips could be refined than was possible due to the limited timescale of this project then the strips could indeed perform notably better than the fibres.

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