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## RADIANCE algorithm to simulate laser-cut panel light-redirecting elements

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Lighting Research and Technology, 2000, 32, 49-54.

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19	Direct illuminance caching: a way to enhance the performance of RADIANCE. <i>Lighting Research and Technology</i> , <b>2002</b> , 34, 333-343	2	3
18	Daylighting in the tropics. <i>Solar Energy</i> , <b>2002</b> , 73, 111-121	6.8	42
17	Bi-directional transmission properties of Venetian blinds: experimental assessment compared to ray-tracing calculations. <i>Solar Energy</i> , <b>2005</b> , 78, 187-198	6.8	49
16	Daylighting high-density residential buildings with light redirecting panels. <i>Lighting Research and Technology</i> , <b>2005</b> , 37, 73-84	2	13
15	Experimental validation of simulation methods for bi-directional transmission properties at the daylighting performance level. <i>Energy and Buildings</i> , <b>2006</b> , 38, 878-889	7	45
14	Modelling indoor illumination by complex fenestration systems based on bidirectional photometric data. <i>Energy and Buildings</i> , <b>2006</b> , 38, 849-868	7	17
13	Light piping performance enhancement using a deflecting sheet. <i>Lighting Research and Technology</i> , <b>2006</b> , 38, 167-179	2	15
12	Evaluating an Indoor Daylight Illuminance Calculation Tool Against Full-Scale Measured Data. <i>Architectural Science Review</i> , <b>2006</b> , 49, 243-251	2.6	4
11	Computer simulation study of a horizontal light pipe integrated with laser cut panels in a dense urban environment. <i>Lighting Research and Technology</i> , <b>2008</b> , 40, 287-305	2	14
10	Daylight metrics and energy savings. <i>Lighting Research and Technology</i> , <b>2009</b> , 41, 261-283	2	179
9	Performance of a daylight guiding system in an office building. <i>Solar Energy</i> , <b>2013</b> , 94, 253-265	6.8	14
8	Light restoration proposal for the Ein Harod Museum of Art. <i>Architectural Science Review</i> , <b>2015</b> , 58, 300-313		
7	Assessment of daylight performance of Advanced Daylighting Strategies in Large University Classrooms; Case Study Classrooms at JUST. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 791-802	6.1	7
6	Photon mapping of geometrically complex glass structures: Methods and experimental evaluation. <i>Building and Environment</i> , <b>2020</b> , 180, 106957	6.5	2
5	Designing a laser-cut panel for light collection for daylighting using a generalised mathematical model. <i>Lighting Research and Technology</i> , <b>2021</b> , 53, 147-170	2	2
4	A customised method for estimating light transmission efficiency of the horizontal light pipe via a temporal parameter with an example application using laser-cut panels as a collector. <i>MethodsX</i> , <b>2021</b> , 8, 101339	1.9	1
3	Encyclopedia of Sustainability Science and Technology. <b>2012</b> , 2804-2846		1

2 Sustainable Built Environments. **2013**, 69-111

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1 Computational Combination of the Optical Properties of Fenestration Layers at High Directional Resolution. *Buildings*, **2017**, 7, 22

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