

CITATION REPORT

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Daylighting enhancement with light pipes coupled to laser-cut light-deflecting panels

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Lighting Research and Technology, 1995, 27, 27-35.

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#	Paper	IF	Citations
40	Transmission of light through right-angle corners in hollow light guides. <i>Applied Optics</i> , 1995 , 34, 6522-61.7	6.1	3
39	Thin film angular selective glazing. <i>Solar Energy</i> , 1998 , 62, 229-244	6.8	31
38	Evaluation of dichroic material for enhancing light pipe/natural ventilation and daylighting in an integrated system. <i>Applied Energy</i> , 1999 , 62, 253-266	10.7	28
37	Ventilation terminals for use with light pipes in buildings: a CFD study. <i>Applied Thermal Engineering</i> , 2000 , 20, 1743-1752	5.8	17
36	A method to estimate the daylight efficiency of round skylights. <i>Energy and Buildings</i> , 2000 , 32, 41-45	7	9
35	Experimental and numerical analysis of natural ventilation with combined light/vent pipes. <i>Applied Thermal Engineering</i> , 2001 , 21, 1925-1936	5.8	13
34	A design guide for performance assessment of solar light-pipes. <i>Lighting Research and Technology</i> , 2002 , 34, 149-168	2	44
33	Daylighting in the tropics. <i>Solar Energy</i> , 2002 , 73, 111-121	6.8	42
32	Daylighting performance of optical rods. <i>Solar Energy</i> , 2003 , 75, 439-445	6.8	12
31	Modelling light-pipe performances as natural daylighting solution. <i>Building and Environment</i> , 2003 , 38, 965-972	6.5	64
30	Materials and systems for efficient lighting and delivery of daylight. <i>Solar Energy Materials and Solar Cells</i> , 2004 , 84, 395-409	6.4	26
29	Energy-efficient coatings in the Nanohouse™ Initiative. <i>Current Applied Physics</i> , 2004 , 4, 381-384	2.6	1
28	Formulation of semi-empirical models for predicting the illuminance of light pipes. <i>Energy Conversion and Management</i> , 2005 , 46, 2288-2300	10.6	12
27	Light piping performance enhancement using a deflecting sheet. <i>Lighting Research and Technology</i> , 2006 , 38, 167-179	2	15
26	A Review of Innovative Daylighting Systems. <i>Advances in Building Energy Research</i> , 2008 , 2, 33-56	1.8	10
25	Computer simulation study of a horizontal light pipe integrated with laser cut panels in a dense urban environment. <i>Lighting Research and Technology</i> , 2008 , 40, 287-305	2	14
24	Overview and new developments in optical daylighting systems for building a healthy indoor environment. <i>Building and Environment</i> , 2010 , 45, 256-269	6.5	85

23	Performance of Light Redirection Systems in Model Buildings Under Typical Sky and Building Obstruction Conditions Encountered in Hong Kong. <i>Indoor and Built Environment</i> , 2011 , 20, 638-648	1.8	17
22	Availability of luminous flux below a bended light-pipe: Design modelling under optimal daylight conditions. <i>Solar Energy</i> , 2012 , 86, 2753-2761	6.8	14
21	LRT Digest 2 Tubular daylight guidance systems. <i>Lighting Research and Technology</i> , 2014 , 46, 369-387	2	10
20	Classification of indoor daylight enhancement systems. <i>Lighting Research and Technology</i> , 2014 , 46, 245-267		25
19	Spectrophotometric measurements and ray tracing simulations of mirror light pipes to evaluate the color of the transmitted light. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 124, 172-179	6.4	5
18	Conceptual design and assessment of a profiled Fresnel lens daylight collector. <i>Lighting Research and Technology</i> , 2015 , 47, 533-547	2	4
17	Daylight enhancement using laser cut panels integrated with a profiled Fresnel collector. <i>Lighting Research and Technology</i> , 2015 , 47, 1017-1028	2	6
16	Experimental analysis of a scaled, multi-aperture, light-pipe, daylighting system. <i>Solar Energy</i> , 2015 , 122, 181-190	6.8	14
15	Natural light controls and guides in buildings. Energy saving for electrical lighting, reduction of cooling load. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 41, 1-13	16.2	94
14	Study of tubular daylight guide systems in buildings: Experimentation, modelling and validation. <i>Energy and Buildings</i> , 2016 , 129, 308-321	7	19
13	A review of daylighting design and implementation in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 74, 959-968	16.2	85
12	A novel merging Tubular Daylight Device with Solar Water Heater [Experimental study. <i>Renewable Energy</i> , 2018 , 125, 947-961	8.1	20
11	Bended Light-Guide Modeling Under Broken Cloud Arrays. 2018 ,		
10	Improving the Performance of Light Pipe System Using Laser Cut Panel. <i>Journal of Physics: Conference Series</i> , 2019 , 1150, 012064	0.3	1
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7	Designing a laser-cut panel for light collection for daylighting using a generalised mathematical model. <i>Lighting Research and Technology</i> , 2021 , 53, 147-170	2	2
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