An experimental study of a facade mounted light pipe

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Lighting Research and Technology, 2009, 41, 123-142.

#	Paper	IF	Citations
14	An Experimental and Analytical Study of Transmission of Daylight through Circular Light Pipes. *LEUKOS - Journal of Illuminating Engineering Society of North America*, **2011**, 7, 203-219	3.5	10
13	Thermal performance and cost effectiveness of massive walls under thai climate. *Energy and Buildings*, **2011**, 43, 1655-1662	7	22
12	The central sunlighting system: development and validation of an optical prediction model. *Journal of Building Performance Simulation*, **2011**, 4, 205-226	2.8	1
11	The energy performance of the Central Sunlighting System. *Journal of Building Performance Simulation*, **2012**, 5, 234-247	2.8	3
10	Luminous efficacies of global and diffuse horizontal irradiances in a tropical region. *Renewable Energy*, **2013**, 53, 148-158	8.1	10
9	Analytical model for solar irradiance near a planar vertical diffuse reflector – Formulation, validation, and simulations. *Solar Energy*, **2013**, 91, 79-92	6.8	6
8	A study on a ventilation stack integrated with a light pipe. *Applied Thermal Engineering*, **2013**, 50, 546-554	4.8	8
7	Tracing of daylight through circular light pipes with anidolic concentrators. *Solar Energy*, **2014**, 110, 818-829	3.9	5
6	Classification of indoor daylight enhancement systems. *Lighting Research and Technology*, **2014**, 46, 245-267	2	25
5	Assessing Anidolic Daylighting System for efficient daylight in open plan office in the tropics. *Journal of Building Engineering*, **2016**, 8, 58-69	5.2	11
4	Photometrical analysis of mirrored light pipe: From state-of-the-art on experimental results (1990–2019) to the proposition of new experimental observations in high solar potential climates. *Solar Energy*, **2019**, 193, 637-653	6.8	7
3	Possibilities of using light pipes to buildings. *IOP Conference Series: Earth and Environmental Science* , **2019**, 294, 012064	0.3	1
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1	Energy savings of an optimised daylight-pipe system with single and dual reflectors in tropical climates of India. *Journal of Solar Energy Engineering, Transactions of the ASME*, 1-30	2.3	