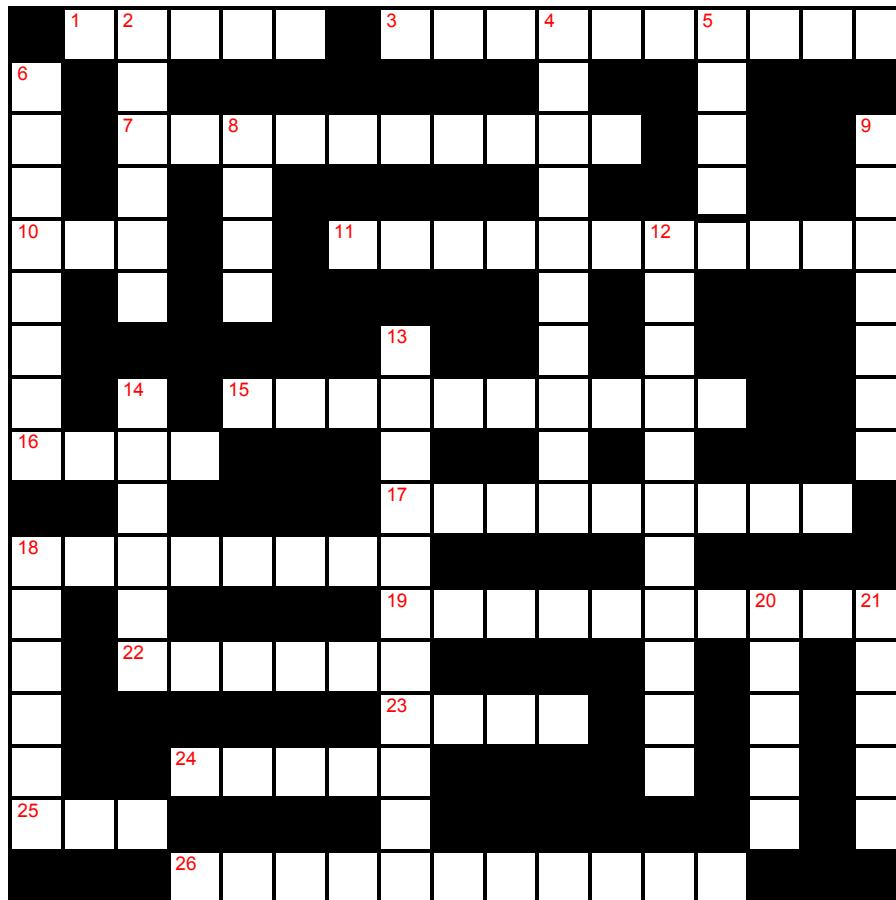


Lighting_Artificial_17x17_2008-10-15

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Across

1 Lighting of houses or streets is a ___ scene in India on any festival or celebration. (5)

3 The spatial property of being scattered about over an area or volume. (10)

7 Return of radiation by a surface or

medium without change of frequency of its monochromatic components. (10)

10 The quality of a colour as determined by its dominant wavelength. (3)

11 A morbid fear of light. (11)

15 The process in which incident

radiated energy is retained without reflection or transmission. (10)

16 The phenomenon of light emission by a body as its temperature is raised. (4)

17 ___ Lighting - Lighting

provided for use when the supply

to the normal lighting fails. (9)

18 Optical device that distributes the light of a lamp evenly. (8)

19 Light that is a source of artificial illumination having a broad beam. (10)

22 The light-sensitive membrane

covering the back wall of the eyeball. (6)

23 Visual receptor cell sensitive to colour. (4)

24 Any radiation capable of causing a visual sensation direct. (5)

25 Visual receptor cell sensitive to dim light. (3)

26 The fraction of incident radiant energy absorbed per unit mass or thickness of an absorber. (11)

illuminate a selected area. (4)

6 The craft of providing artificial light. (8)

8 The rate of flow of energy or particles across a given surface. (4)

9 Device for starting a discharge lamp that provides for the necessary preheating of the electrodes and/or causes a voltage surge in combination with the series ballast. (7)

the level of illumination. (6)

20 Great brightness. (5)

21 Characteristic of a luminaire that indicates the extent to which the light is 'thrown' in the lengthwise direction of the road. (5)

Down

2 That part of a luminaire designed to prevent the lamps from being directly visible over a given range of angles. (6)

4 Measuring instrument for measuring the luminous intensity of a source by comparing it with a standard source (10)

5 ____ light: A lamp that produces a strong beam of light to

12 Gas-filled lamp containing a tungsten filament and a small proportion of halogens. (7,4)

13 The ratio of the power in watts to the product of the r.m.s. values of voltage and current. (5,6)

14 An ornamental sunken panel in a ceiling or dome. (6)

18 A rheostat that varies the current through an electric light in order to control