

Title (en)
LIGHTING DEVICE AND SYSTEM FOR VARIABLE STREET LIGHTING

Title (de)
BELEUCHTUNGSVORRICHTUNG UND SYSTEM ZUR VARIABLEN STRASSENBELEUCHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE ET SYSTÈME D'ÉCLAIRAGE DE RUE VARIABLE

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Abstract (en)
The present invention relates to a lighting device (100) for road and/or street lighting, comprising a light source (300-302) for emitting light with a first light distribution (LD1) in a main light emitting direction (310), and a reflector (200-203), which is positioned in front of the light source (300-302) along the main light emitting direction (310), with a reflector surface (220) for directing the light from the light source (300-302) towards an illumination area (IA) with a second light distribution (LD2), wherein the light source (300-302) is configured to vary the first light distribution (LD1) for illuminating different portions of the reflector surface (220), and wherein the reflector (200-203) is provided with respect to the light source (300-302) such that the second light distribution (LD2) of the light illuminating the illumination area (IA) is defined differently depending on the portions of the reflector surface (220) illuminated with the light of the first light distribution (LD1). The present invention also relates to a lighting system (700) with the lighting device (100) and a method for adapting the light distribution of the lighting device (100).

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Citation (search report)

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