

### Unique LED Panels

CODIA lighting fittings are unique LED panels. They seem not to differ from standard LED fittings, but once we turn on the power, an incredible structure, curved with light, appears on a flat lampshade. The diffuser of polymethyl methacrylate (PMMA) instead of having a boring flat surface is composed of hundreds of 3D cubes that emit nice light which is safe for human eye. This, however, is not only limited to aesthetic values. Due to applying a special, multi-layer structure of the light leading material, what we deal with is a symbiosis of technology and design elegance combined in lighting fittings. The CODIA LED 6060 50W-NW panel version has the dimensions of 595 × 595 mm, the power of 50 W and the luminous flux of 3840 lm. It can be fixed directly to a suspended ceiling 600 x 600 mm or hung from the ceiling by use of cords. The other version – CODIA LED 8030 40W-NW is a pendent 40 W fitting with the luminous flux of 3400 lm and the dimensions of 800 × 300 mm. CODIA panels were designed as general lighting dedicated to elegant office floor, hotels, apartments, schools and health care facilities. They both form a perfect match - ceiling fittings for general space illumination and rectangular pendent fittings with an elegantly shaped casing.



KANLUX

### LED Fitting with Colour Temperature Control

HSK Data from Krakow (Poland) is a manufacturer of a LED lighting fitting - VELA, dedicated to conference rooms, offices and hotels. The casing is made of a specially designed aluminium shape which guarantees such good heat distribution that even at maximum power, the temperature of the LED structure is only a few degrees higher than the temperature of the surrounding environment. This guarantees long operation. Due to large surface of diffusers, the fitting emits soft light, which provides comfortable working conditions. The colour temperature can be easily and smoothly changed within the range from 2700 K (warm white) to 6000 K (cold white). Light colour can be changed by use of a mobile phone, tablet or a computer with a free application. Apart from colour control the application also allows to smoothly regulate the power within the full range as well as to use time programming. HSK LEDY lighting remote control system allows to individually control 256 fittings simultaneously by one server, and the number of serves is unlimited. The fitting is produced in two length versions: 165 cm and 220 cm, and the maximum power is 57 W and 117 W, accordingly.



HSK DATA

### LED Lighting Fittings for High-bay Warehouses

One of the products of Luxon LED, dedicated to illumination of industrial facilities, is the Highbay:LED lighting fitting. The fitting is equipped with an optical system, due to which it is particularly well adopted to illuminating the area between shelves in high-bay warehouses. The fittings are offered in two power versions: 120 W and 180 W. They are substitutes of fittings for high-pressure metal-halide and sodium-discharge lamps of the power of 250 W and 400 W. The fittings incorporate LEDs and power units produced by the leading European manufacturer – Osram. This guarantees perfect properties of the emitted light. It also provides high quality of the product and trouble-free operation for the whole period of 100 thousand hours of declared lifetime of the fitting. High quality lenses were applied to shape the light beam. The lenses are produced by the leading Finnish manufacturer of optical systems for LEDs. They allow to achieve high optical efficiency and very precise control in shaping the fitting's light beam. Due to this, the number of fittings required to illuminate a typical passageway between shelves can be reduced. A single Highbay:LED fitting can replace two traditional fittings. Half the number of necessary fittings generates four-fold reduction in energy consumption.



LUXON LED

### Interior Ceiling LED Fittings

PXF Lighting has a new product in its offer – ceiling lighting fittings MONZA II LED, which use LED as the light source. The fittings are dedicated to internal use, e.g. in offices, conference rooms, hallways, staircases and shopping centres. The offer includes models of the power of 30, 40 and 50 W, each version equipped with diodes of the light colour temperature of 3000 K or 4000 K. The fittings are simple and universal in design. Casings are made of steel plate and powder-coated with any colour of the RAL palette. The sides are made of strengthened polycarbonate (PC), while the flat lampshades are made of polymethyl methacrylate (PMMA) in one of three variations - frosted (OPAL), prismatic (PRM) or microprismatic (MPRM). The casing is equipped with a high quality power unit, providing the power factor of  $\cos \phi > 0.95$ . In the basic version the fittings are to be fixed directly to the ceiling, however, they can be bought with some accessories, such as cord pendants which allow to hang a fitting and feed it with power. The fittings are also available with a module of emergency power supply.



PXF LIGHTING