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Product Catalogue

Vol 2

LEMOVA is **constantly** in the process of building up a reputation for **high quality**, well **designed** & **innovative** products backed by **efficient** & **reliable** service.

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SPOT LIGHT DOWN LIGHT HOTEL LIGHTING PANEL LIGHT
 INTERIOR LIGHTING EXTERIOR LIGHTING RESIDENTIAL LIGHTING PENDANT LIGHT HANGING LIGHT
 BACKLIT PANEL AMBIENT LIGHTING ACCENT LIGHTING OFFICE LIGHTING SOFT LIGHTS ANTI-GLARE LIGHTS
 COMMERCIAL LIGHTING CEILING RECESSED & SURFACE LIGHT STRIP LIGHT
 TASK LIGHT SUPERMARKET LIGHTING SHOPPING MALL LIGHTING
 HOSPITALITY LIGHTING HYPERMARKET LIGHTING SHELF LIGHT
 RETAIL LIGHTING TRACK LIGHT

LEMOVA lighting has been incorporated in UK by a consortium of highly qualified, skilled professionals who bring in tremendous experience in electrical, electronics and lighting designs to offer energy efficient solutions based on technological evolution for power distribution,


lighting, controls and automation needs of infrastructure, industrial, commercial and residential building segments in line with international standards.


Acquisitions of companies of global repute and well established associations with technology partners from various geographies have helped **LEMOVA** lighting to increase resources for development of products, geographical reach, and customer base and strengthen manufacturing activities specific to local markets for providing products of global repute. This globalization approach fulfils our aim of serving clients promptly with quality products of global repute. This has also influenced our initiative to expand manufacturing facility for distribution range of products through our group company **LEMOVA** Electrical Industries. This state of the art production facility has helped in improving delivery lead times of finished products in compliance with design specifications and quality standards followed internationally.


As a manufacturer of energy efficient premium quality LED lighting fittings, **LEMOVA** showcases well-designed selection of lighting products (Ceiling recessed & surfaced lights, Track lights, Pendant lights, Panel lights, In ground light, Flood light, Bollard light, Street & Pole lights, Underwater lights, Projector lights and Strip Light) for various application which include Commercial, Retail, Landscape, Architectural, Industrial, Street, Façade and Hospitality Lighting.





The following symbols are used throughout the catalogue to depict specific technical characteristics of the luminaire giving guidance on how it may be utilized;


 (CE Mark - Conformity European) All Electrical equipment must bear the CE mark as made mandatory.

 CCC - China Compulsory Certification is a product qualification assessment system implemented by the Chinese government. CCC regulations for lighting products include 12 specific safety and EMC standards


 RoHS is a product level compliance based on the European Union's Directive 2002/95/EC, the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment.


 The source does not cause risk due to normal operating limitations on exposure


 CLASS I - The luminaire with CLASS I, the user is protected by a combination of basic insulation and the provision of an earth connection, thus providing two levels of protection


 The IP rating system provides a means of classifying the degrees of protection from water and dust afforded by electrical equipment and enclosures.


 Horizontal Rotation


 Cutout


 F Mark - Luminaire suitable for direct mounting on combustible/flammable surfaces.

 CB Mark - The CB Scheme is an international program for exchange and acceptance of product safety test results among participating laboratories and certification organizations around the world.

 ENEC Mark - ENEC is the high quality European Mark for electrical products that demonstrates compliance with European standards (EN).

 UGR(Unified Glare Rating) is a method of calculating glare from luminaires, light through windows and bright light sources.


 The lifetime of a LED module is defined as the time it takes until its light output, or lumen maintenance, reaches 70% of the initial output.

 The IK rating indicates a luminaires degree of protection against mechanical impact.

 Vertical Tilt

 Vertical Double Side Tilt

 Trim Luminaire

 Trim-less Luminaire

IP Ratings (Ingress Protection)

The system is recognized in most European countries and is set out in IEC529 (BS EN 60529:1922) degrees of protection provided by enclosures (IP code).

IP0X Not Protected

IP1X Protected against solid objects over 50mm, e.g accidental touch by hand

IP2X Protected against solid objects over 12mm diameter, not exceeding 80mm long, e.g. Fingers

IP3X Protected against solid objects over 2.5mm, e.g tools and wires

IP4X Protected against solid objects over 1.0mm, e.g. small wires

IP5X Protected against dust, limited ingress (no harmful deposit)

IP6X Dust tight. Totally protected against dust

IPX0 Not Protected

IPX1 Protected against vertically falling drops of water

IPX2 Protected against direct sprays of water up to 15° from the vertical

IPX3 Protected against sprayed water at up to 60° from the vertical

IPX4 Protected when sprayed from any direction limited ingress allowed

IPX5 Protect against low pressure jets, from all directions - limited ingress allowed

IPX6 Protected against strong jets of water with limited ingress allowed

IPX7 Protected against temporary immersion between 15cm and 1m for up to 30 minutes

IPX8 Protected against long periods of immersion under pressure.

IK Ratings (Impact Protection)

IK Rating	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact Energy (Joules)	0.15	0.23	0.35	0.5	0.7	1	2	5	10	20

(1) **AKIRA**

(2) Akira Series
100x100/ 190x100

(3) Fixed Luminaire

(4)

(5) **Technical Details**
 Operating Temp -20°C-+45°C
 Life Time 50,000hrs
 Power Factor >0.45
 Power Cable 2x0.75mm²/ L=0.5m
 IP Rate IP20
 IK Protection NA
 Tilt/Rotate Fixed

(6)

Fixed Luminaire	Product Code	Light Source	Input	Efficacy Im/W	Finish	Beam Angle	Color Temp	Driver Options
100x100-8W -12W	WL111149- WL111150-	Luminus	220-240VAC	38-40lm	WH (02) BK (04)	15° (15) 24° (24)	2700K (27) 3000K (30) 4000K (40) 5000K (50)	On/ Off 0-10V Triac Dali
190x100-2x8W -2x12W	WL111151- WL111152-							

(7) WL111149-320lm/ WL111150-460lm
WL111151-512lm/ WL111152-780lm

(8)

(9)

(10) WL111149/ WL111150
95x95

(11) WL111151/ WL111152
Ø175x95

(12) Order Code Example: **WL111000.02.10.30**
Product Code Color Finish Beam Angle CCT

(13)

(14)

(1) Series Name

(2) Dimension

(3) Type of Luminaire

(4) Shape of Luminaire

(5) Technical Details

(6) Specifications

(7) Product Lumen

(8) Legend

(9) Product Image

(10) Product Code

(11) Product Dimension/ Cutout

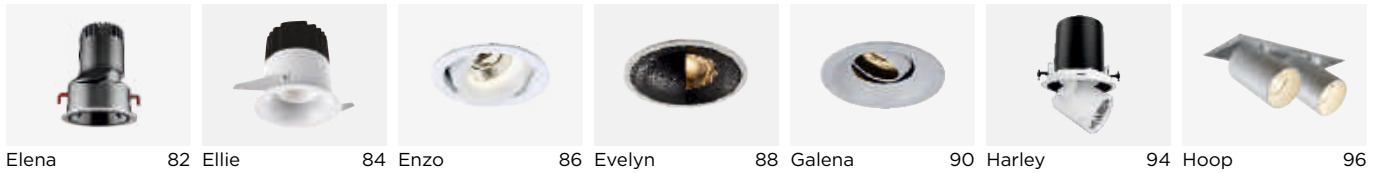
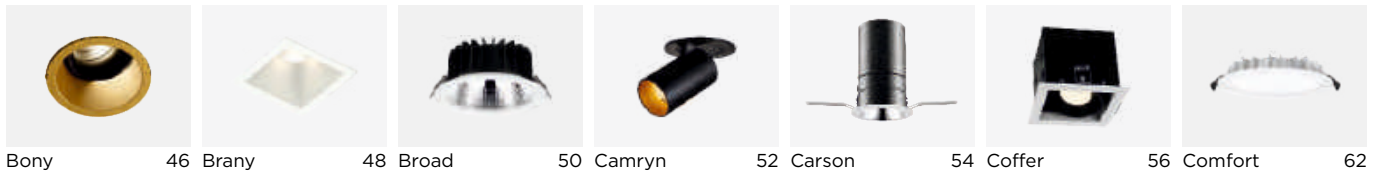
(12) Order Code Example

(13) Photometric Diagram

(14) Website/ Page Number

CEILING RECESSED

Down Lights & Spot Lights



CEILING SURFACE

Ceiling Lights, Track Lights & Pendant Lights



PANEL SERIES

Panel Lights & Toffer Lights





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