



# LUMENZ

**Luminate your Business**



A UNIT OF **KRIZ** GROUP

## About LUMENZ Technologies

### A KRIZ Group Company - Empowering Industries with Excellence

The KRIZ Group, was established with a vision to deliver Innovative & High-Quality solutions across multiple Industries. In 2006, the group founded **LUMENZ Technologies Pvt. Ltd.** specialized in **Industrial Automation** serving **Power and Oil & Refinery Projects**.

Building on the success, the group later launched **VOLTZtech Solutions Pvt. Ltd.**, focusing on **Electrical Works**, serving key sectors such as **Industrial & Infrastructure Projects**.

As an integral part of the KRIZ Group, **LUMENZ** has established itself as a leading provider of Industrial Automation such as Pressure, Temperature & Flow Control apart from Service Providers for PLC & SCADA Control Systems serving sectors like Power Projects, Refenieries & Allied Chemical Industries.

Now taking a bold step towards diversification, **LUMENZ** is expanding its expertise into **Electrical Systems** to provide comprehensive solutions for Industries. With this expansion, **LUMENZ** aims to deliver high quality **Electrical cabling solutions upto 220 kV**.

## Our Specializations

Lumenz offers an extensive range of services, ensuring the seamless execution of Electrical Low Voltage & High Voltage Cabling systems with Switchgear Solutions, Electrical Panels, Busducts and Lighting design and supply.

Our core areas of expertise include:

### ELECTRICAL POWER CABLES

Electrical Power UG XLPE Cables – Supplying Under Ground Cables for Power Transmission and Distribution and our supply range includes,

- ⚡ HOUSE WIRES & FLEXIBLES
- ⚡ LT / LV PVC / XLPE Armoured/ Un-Armoured Power and Control Cables,
- ⚡ HT / MV UG XLPE cables upto 33 kV,
- ⚡ EHT / EHV UG XLPE cables up to 220 kV,
- ⚡ SCREENED SIGNAL Cables for C & I applications,
- ⚡ SOLAR AC & DC cables from 4 Sq.mm to 1000 Sq. mm cables - from 1.1 kV upto 33 kv ,
- ⚡ COMMUNICATION CABLES includes CAT & TELEPHONE Cables,
- ⚡ RUBBER Cables and all types of Special cables.



## **SWITCHGEAR SOLUTIONS**

Switchgear Solutions – Advanced, robust and energy-efficient switchgear systems for protection and control for Industrial, Infrastructure and commercial projects.

Low Voltage (LV) Switchgear: MCBs, MCCBs, ACBs, Contactors,

Medium Voltage (MV) Switchgear: VCBs, RMUs, Load Break Switch

High Voltage (HV) Switchgear: Gas Insulated Switchgear, Air Insulated Switchgear.

SF6 Circuit Breakers, Isolators & Disconnectors, Transformer's Voltage Step-up / Step-down



## **ELECTRICAL PANELS**

The range of Electrical Power Panels includes various types of panels designed for distribution, control and protection of electrical power in industrial, commercial and residential setups.

Here's an overview of the common types: Power Distribution Panels: Indoor and Outdoor Panels includes MDB, ACBs, MCCBs, PFC Panel MCCs, PCCs, Lighting Panel and Distribution Panels for various applications.



## **LIGHTING DESIGN & SUPPLY**

Lighting Design and Supply – Lighting systems encompass a wide range of solutions for illuminating spaces, both indoors and outdoors, using energy-efficient technologies and designs tailored to specific needs of Offices, Commercial space, Industrial and Residential Application. Voltztech, with its expertise in lighting design and supply, can provide innovative and efficient solutions for various applications, such as:

### **1. Types of Lighting Solutions**

#### ***INDOOR LIGHTING:***

- LED Panel Lights
- Downlights & Spotlights
- Decorative & Ambient Lighting
- Industrial & Office Lighting systems



#### ***OUTDOOR LIGHTING:***

- Solar-powered outdoor lights
- Floodlights and high mast lighting
- Facade Lighting (Dynamic & Static)
- Streetlights (LED-based for energy efficiency)



## 2. Key Features of Advanced Lighting Systems

**Energy Efficiency:** Use of LED technology for reduced power consumption.

**Smart Lighting:** Integration with IoT (Internet operated Things) & Automation for remote control, dimming, scheduling.

**Customization:** Tailored designs for aesthetic appeal and functional requirements.

**Durability:** Weather-resistant and long-lasting materials for harsh environments.

### **BUS DUCTS**

Specialized in the supply and erection of bus ducts, providing dependable power distribution solutions. We offer LV and MV Busducts, Segregated Phase Busducts, Isolated Phase Busducts, Air-Insulated Busducts, Sandwich / Compact Busducts.

Key Features of Bus Duct Systems:

- ◆ Modular design for ease of installation and maintenance.
- ◆ Fire-resistant and arc-fault containment for safety.
- ◆ Compact design for space-saving installations.
- ◆ Customizable lengths and tap-off boxes to suit various needs.



## **Why Choose LUMENZ?**

1. Industry-Leading Expertise – Extensive experience in delivering advanced electrical and lighting solutions, including high-voltage systems.
2. Authorized Channel Partner – Offering the best-in-class products and solutions from globally recognized brands.
4. Grade A Electrical Contractor Certification – Trusted to execute complex, large-scale projects with unmatched efficiency and safety.
5. KRIZ Group Backing – Decades of innovation, trust and excellence through the KRIZ Group.

## **Quality Policy**

Our commitment to quality is paramount. We strive to deliver products & services that consistently meet and exceed customer expectations, fostering their trust & satisfaction. We maintain stringent National & International standards throughout our supply chain for achieving continual improvement in our Quality Management System.

## Our Experience - We Cater to Diverse Clients

### INFRASTRUCTURE

- IRA - Aero City, Blossom Fields, Miracle, Aspiration
- Vertex Homes - Vega, Viraat, Kingston, 33 West, Florenza
- My Home Group - Akrida, Nishada, Grava, Sayuk
- Vensa Infrastructure Limited - Pilibhit Medical College
- KMV Group
- Urrban League Realty Ventures LLP
- Phoenix
- Auro Realty - Kohinoor
- NCC - AIIMS : Bibinagar, Odisha, Guwahati
- Urbanrise Pvt. Ltd.
- Alekhyia - RISE - High Rise Towers
- Tellapur Technocity Pvt. Ltd.
- VVRR Electricals - Foxconn Project
- EIPL Projects
- Vaishnavi E Team Projects
- Maytri Construction
- Empire Meadows

### EDUCATIONAL INSTITUTIONS

- Pinakin Educational Trust
- Woxsen University
- Vignana Jyothi
- Indian Institute of Technology - Hyderabad
- MGM Knowledge & Educational Society - Kandukur
- Vidgas Science & Technologies Pvt Ltd- Karnataka
- Infiniti Building Management Solutions
- MLR Institution of Technology - Dundigal, Hyderabad
- Mahindra Educational Institutions
- Juidco - NIT - Jumpy - Ranchi

### HOSPITALS

- Gonda Medical College - Uttar Pradesh
- Anu Fertility & Research Centre.
- KIMS Hospital - Nasik, Kondapur, Ananthapur
- Paramitha Children's Hospital
- Pilibhit Medical College - Vensa
- Srikara Hospitals - Andhra Pradesh
- AIIMS - Bibinagar, Odisha, Guwahati

### ENGINEERING PROJECTS

- P. L. Raju Constructions Limited
- Enmax Engineering (India) Pvt. Ltd.
- Kala Jyoti Process Pvt. Ltd.
- Thermal System Pvt Ltd
- Thermopads Pvt Ltd
- Thermo Systems Pvt Ltd
- Rani Aqua Feeds - AP
- Indian Oil Corporation Limited (IOCL)
- Sanghi City
- BGR Mining & Infra Pvt Ltd
- OSBL Facilities - Hurl - Barauni- Bihar
- Ramoji Film City
- Vijaya Solar Systems
- Megha Engineering & Infrastructures Limited
- DRDO - Gwalior, Bellary
- ONGC - Gujarat
- NALCO - National Aluminium Co. Ltd. Project
- Visakhapatnam Port Trust Project
- Shapoorji Pallonji - Sea Bird Karnataka
- Vaisakhi Sky Park - Vishakapatnam
- Zanzibar Project (Tanzania)

### HOTELS / VILLAS / GATED COMMUNITIES

- Triumph Villas
- Pioneer Holiday Resorts Limited
- Vertex Buogain Villas
- Aurean Eskar Ventures Llp
- Flore Cafe
- Green Park Hotel - Hyderabad
- Lisa Grove Villas

### PHARMA

- Biological E. Limited
- Enrich Biotech
- Salus Laboratories Pvt. Ltd.
- Y.M.S Laboratories Pvt Ltd
- Pioneer Laboratories Ltd.

## A Glimpse of our Successful Installations



EHV 220 kv UG-XPLE Cable Laying for KSEB at Kaloor Sub-Station - Kochi



Main PCC at Vertex District



Pathway Decorative Street Light



Bay Extension Work - 132 kV Sub-Station  
Rd. No. 45, Jubilee Hills



220 kV EHV Cable Laying  
for 400 kV Raidurgam Sub-Station

## Our Authorized Channel Partnerships Includes:



## LUMENZ TECHNOLOGIES PVT. LTD.

Industrial Automation: Pressure, Temperature & Flow Control.

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