

Lighting Environment Design

Converting your Dreams in to Reality.....

1 Consultant's Organization Credentials

1.1 Lighting Environment Design

Lighting Environment Design is a growing Lighting Design and energy audit firm owned by Mr Bhagwan Shirsekar with hard core knowledge and technical expertise of implementation of Lighting Design consultancy services, energy efficiency projects in lighting and energy sector.

It has total four employees and two associate who are Lighting design and application expert, lighting product expert with Certified Measurement and Verification Professional (CMVP), ISO 50001 certified Lead auditors, IGBC AP, BEE certified energy auditors and Energy Managers, Post Graduate Diploma in Electricity Regulation holders supported by technically qualified staff for field data collection.

The company undertakes following activities: -

- a) Lighting design and consultancy services in Residential, Commercial, Industrial, Sports, retail, Heritage, hospital, Museum, Zoo, Hospitality, Education, Experience center
- b) Lighting design consultancy in designing drone show, laser show, projection mapping, musical fountain show in various GOVT and private project under city beautification
- c) Lighting training and education programmed for lighting industry / schools/ architectural forum. (CSR activities for Global NGO on reduction light pollution, carbon reduction, recycle of lighting waste, LEED certification and star label programmed)
- d) Lighting control and automation.
- e) Product designing and application designing.
- f) Customized lighting application development.
- g) Lighting Audit Energy, Safety and Value Engineering.
- h) Third Party Testing and commissioning.
- i) Measurement and Verification.

We are delivering long term energy conservation solutions to the customers through innovative lighting application solutions, strategies & concepts.

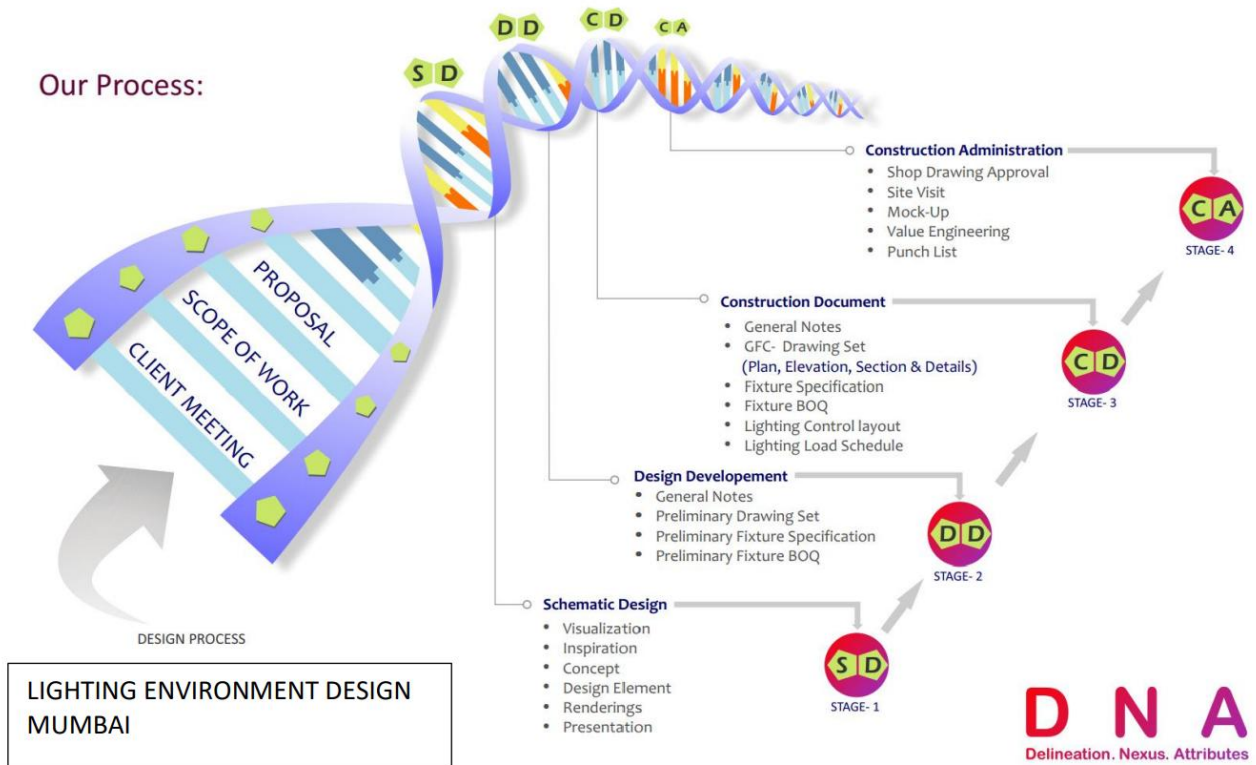
Lighting Environment Design has supported many Government clients and Private sector clients in lighting design, lighting audit, Energy Audit & Energy efficiency project implementation

Few projects and client List in Lighting Design

Sr no	Application Area	Name of the project	Scale
1	Residential	Sachin Tendulkar Res Bungalow	Bungalow with landscape
		Vrindawan House	18 floor with multilevel car park
		Aditya Birla Pillani	House with experience centre
		Hill top bungalow , Uganda	Complete hill top Bungalow
		R.A Developer, Dadar	4 Lac Sq.Ft include landscape
		Kohinoor Bungalow Lonawala	1 Lac sqft
		Balodotta house	2 Lac sq ft
		Kohinoor, Kurla	10 Lac Sq.Ft
		Kohinoor, Dadar	10 Lac Sq.Ft
2	Commercial	Reliance 4G jio Commercial	12 lacs Sq.Ft
		Reliance Corporate	6 lacs Sq.Ft
		Johnson and Jonson	70000 Sq.Ft
		British Gas	90000 Sq.Ft
		Tata Centre Gurgaon	16 lacs Sq.Ft
		Nirav Modi	40000Sq.Ft
		Canara Bank	4 lacs Sq.Ft
		IDBI Bank	5 lacs Sq.Ft
		Loreal	35000 Sq.Ft
		Symentec	8 lacs Sq.Ft
		JLT	1 lacs Sq.Ft
		Tril IT city	28 lacs sqft
3	Mall & Retail	Orion mall	4 lacs Sq.Ft
		Phoenix mall pune	
		Phoenix Mall mumbai	
		Asian paint	34 stores
		P & M Mall	5 lacs Sq.Ft
		Trillium Mall	6 lacs Sq.Ft
		ABRL	18 stores
		Hypercity	Average 80000Sq.Ft 7 format
		Nirav Modi	6 international 3 local stores
4	Industry	Mahindra & Mahindra	12 lacs Sq.Ft
		Godfrey Philips	2 lacs Sq.Ft
		Nirav Modi	80000 Sq.Ft
5	Heritage	Varanasi 4 monuments	Façade lighting with dynamic effect
		MCGM HO	Façade lighting with dynamic effect
		Crowfort Market	Façade and internal
		CVSM	Façade lighting
6	Hospitality	Novatel	Internal
		Mariott	internal
		Kohinoor	
		Taj Chennai	

7	Sport lighting	Reliance Stadium at Ghansoli	One cricket and two football
		Transstadia	all sport activity with football
		Modi stadium Ahmedabad	Biggest cricket stadium
		PCA cricket BCA cricket KSCA cricket association Dadoji kondadev cricket stadium	International level cricket stadium
8	Experience center	Vodafone	35000 Sq.Ft
		Vande mataram	1 lacs Sq.Ft
		Reliance 4G	45000 Sq.Ft
9	City beautification and street lighting upgradation	Melaka city Malaysia Bandung City Indonesia Bali City Indonesia Morocco Bangladesh Thane Nagar Bhuwaneshwar	Complete city beautification with upgradation of illumination and heritage points in CITY.

Lighting Design Process



Business Activities



Features of our designs solution

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Energy Efficiency

Superior light controllability with beam angle
 Low sky glow and light trespass

Modular solution with scalability

Plug and play solution reduce cost with built in control feature
 Real-time energy monitoring local & remote
 Theft management power and lights (alert)

Preventive maintenance

solar resource with net zero concept in selective area

Future upgradability

DESIGN NORMS REFERENCE

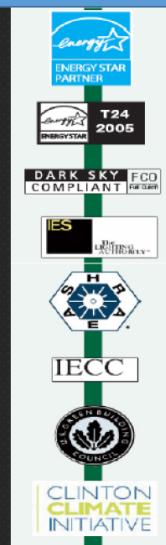
Design Tool use

AUTOCAD
 DIALUX
 RELUX
 IES
 2D & 3D MAX
 MAYA
 FLASH
 Mock Test
 IES files
 AFTER EFFECT

SHOW CONTROL GRAPHIX
 Mapping software

Measurement & verification

Lux meter
 Spectrometer
 Thermal Imaging camera
 Multimeter
 Distance meter
 Earth tester
 DMX tester
 Megger,



ECBC, IGBC, GRIHA, VARIOUS NATIONAL & INTERNATIONAL SPORTS FEDERATION

3 Biographical sketch of the team Lighting Environment Design

Sr.No	Names	Position in the Team	Key Qualifications	Relevant experience
1	Bhagwan Shirsekar	Lighting Design Expert, Certified Energy manager	<ul style="list-style-type: none"> • MBA in marketing • ISO 50001, Lead auditor • BEE certified Energy Manager • Post graduate diploma in Energy Regulatory • Bachelor's in electrical engineering • Worked in lighting division of Philips and Pearlite Clipsal, Crompton Greaves • Designing retail, hospitality, commercial building, sports, heritage, event show including laser , projection mapping, drone etc. • Assisted more than fifteen municipal corporations in design & implementation of street lighting systems and LED projects. • Worked in interior and exterior lighting design for large hotels, malls, IT companies etc. • Worked in India, Germany, Indonesia, Malaysia, Morocco, Emirates, Kenya, and Uganda on various lighting and energy audit project 	<p>Bhagwan has around 25 years of experience in lighting design and consultancy services. Five years working with Philips as lighting design application specialist work with many heritage and City beautification project in India and outside India. Applications like City beautification, Façade, Heritage Project, Residential & Commercial.</p> <p>Having experience in developing lighting show with laser, projection mapping, drone show, light and sound show with partners firm including content creation.</p> <p>Design experience of Green Building project. Designing experience of retail, mall, road, garden and railway station. He has worked as team leader / technical expert with several national and international CTB project Thane, Panji Goa , Bandung , Maleka , Meknes etc. He is assisting in developing bundled LED lighting project in four cities in Melaka State in Malaysia and two cities (Kanpur, Lucknow) in India. He is working for LED street light project in Bandung and Bali city, Indonesia.</p>

2	Sanjay	Designer	<ul style="list-style-type: none">• Bachelor 3D Animation• B.A in Economic	Around 17 years of in Lighting Design. Project coordination with client, Lighting Layouts, Presentation, Lighting Calculations, lighting walk through, animation and graphic design.
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Sr.No.	Names	Position in the Team	Key Qualifications	Relevant experience
3	Siddhi	Design support	Architect	Lighting design with visualization, 3D, 2D, LUMION, Dialux, Rovit, and various lighting software.
4	Jay Mathuria	Associate partner	Creative head and content creator managing live events	Show designer and event management and having experience in designing laser show, projection mapping , light and sound show with creative content writing.
5	Praamod Sapakal	Associate	BE mechanical	14 years of experience in electrical and mechanical service and green building project
6	Vivek Pradhan Site supervisor & in charge	Site in charge	<ul style="list-style-type: none"> • 20 years of working experience in Energy Sector • Experience of working in India • Diploma in Engg 	has total 26 years of working experience. He is a diploma Engineer . 15 years of light manufacturing and site installation experience. Also experience of lighting automation and control
7	Cdr Kumar	Associate	BE mechanical, CMVP, Energy auditor	35 years of experience in energy audit and lighting audit

