



LED outdoor & industrial
lighting solutions

Life Long Brilliance

ACON

ACON LED Lighting Solutions

We deliver market-leading products with improved energy conservation, distinctive styling and accustomed to hostile environmental conditions. Many of our innovations are patented and designed to give maximum light output along with enhanced energy saving.

We offer turnkey solutions covering:

- Lighting design
- Product supply
- Installation
- Maintenance

We propose a solution only after we understand several site details and simulate designs in our lighting software using our own IES files. Our products are tested at UL & ERDA as per Indian & International standards

LED Street Lighting

Introducing the next generation ACON LED Street Lights - An ideal lighting solution contrived by amalgamating our proficiency in design, optics, electronics & controls.

We bring to you a perfect solution of impeccable lighting along with exceptional energy & cost saving guarantee designed according to your needs.



City Roads



Junctions &
Roundabouts



Highways



Bridges &
Flyovers



Internal Roads



Parks &
Gardens



Green Projects

LED Flood Lighting

To make the lighting special, we first commit to understand the space.

ACON LED Luminaires consume nearly half the energy as compared to other LED Fixtures and deliver not just cool white light but clean white light with outstanding visibility.



Applications

- Industries
- Factories
- Warehouses
- Godowns
- Ship Dock
- Security
- High Mast
- Malls
- Railway Yards
- Hoardings
- Military Base
- Remote Area

ACON Advantage

Component	Parameter	Specification	Advantage
LED	Type	High Power	More Traffic Safety
	System efficacy	> 80 lm/watt	Highly efficient
	CRI	> 75	Excellent visibility
	Life	> 60500 Hours	Fit & Forget
	LM 80	T _j =85° C	High Lumen maintenance
	Standard	IEC 62471, UL 8750	Most reliable
Optics	Beam Angle	120°	Covers a large area
	Distribution	Asymmetrical	Maximum uniformity
	Material	UV protected polycarbonate	Withstand ultraviolet exposure
Driver	PCB Design	ACON	Most reliable
	PF	> 0.95	Creates least disturbance on mains & distribution transformers. Highly durable against hostile environmental conditions
	THD	< 10%	
	EMI /EMC Compliance	Yes	
	Surge protection	Up to 4 KV	

ACON Advantage

Component	Parameter	Specification	Advantage
Housing	IP	IP 65 / IP 66	Robust & long lasting
	Heat sink	Profiled heat sink	Excellent thermal management
	Material	High pressure die cast aluminum housing	
	Junction temp at Ta=25° c	< 75° c	
Standards	IESNA LM-79-08, EN 55015, IEC 61547, EN 61000-3-2		Highest quality & reliability

Case Study:Vadodara Municipal Corporation

Luminaire:ACON 73W LED SL

Road Classification: Group A2

Road Width	8.5 m
Pole Height	10 m
Pole Spacing	40 m
Boom Length	1 m
Average Lux	16
Uniformity Ratio	> 0.5