



## **INTROSPECTION:**

Electricity is a major contributor to global warming. As we cannot live without lighting, we should choose energy efficient green lighting. With the growing population, the finite resources in the world are slowly depleting. If we intend to leave our future generations with same standard of living we have enjoyed, we must preserve and save resources for them.

In our fight to protect the environment, reduce energy use and minimize costs, it is clear that LED is the future of lighting with consistently increasing demand for energy and its environmental impact, we want to make a choice that is not only financially sound but ecologically too.

Taking a step to install new LED lighting can really make a difference, maybe more than you expect. Thus, Karvin offers a wide range of lighting products specially to achieve quality luminaries with minimal energy usage.

**We at Karvin, striving towards excellence and redefining energy.**



# Benchmarking indigenous technology for quality LED Lightings

KARVIN POWER SYSTEMS PVT LTD is an ISO Certified Company and has about two decades of experience for Power Conditioning products. The group is headed by Mr. Sanjay Agarwal (Managing Director) with it's Corporate office in Mumbai and has a dedicated team of professionals to attain customer's satisfaction.

We believe in participative business and hence our best projects are where we partner our customers to develop best solutions for them by saving their money and energy with our experience of electrical and electronics engineering field. Our products are an outcome of continuous R&D and other strict quality control measures.

KARVIN is a one stop solution for providing elegant lightings for all commercial projects like showrooms, factories, warehouses and other décor related interior and exterior lighting. We are also known for customized designng of LED lights as per the customer's requirement.

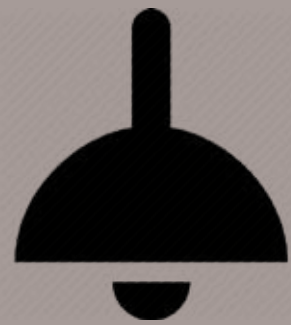
Together with architects, lighting designers and consumers in their industries and homes, we seek to create meaningful innovative products and solutions which simply enhance people's lives with light.



ENERGY & LIGHTING  
AUDITS



INDUSTRIAL  
LIGHTINGS &  
TURNKEY PROJECTS



INTERIOR & EXTERIOR  
LIGHTINGS





**01** Street Light

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**02** High Bay Light


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**03** Flood Light

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**04** Premium Panel Light

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**05** Slim Panel Light

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**06** Down Light

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**07** COB Light

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# I N D E X

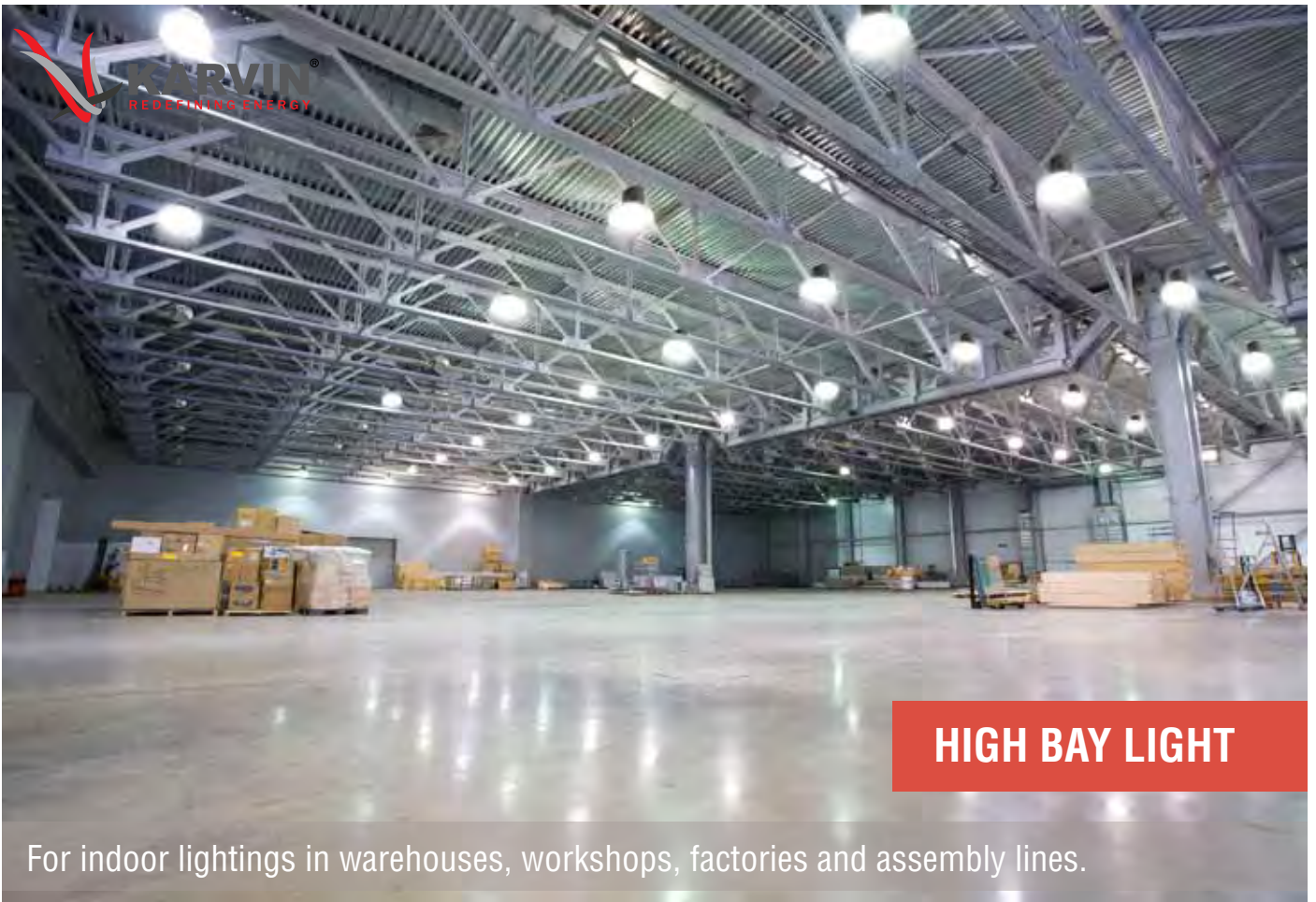


## STREET LIGHT

For outdoor security lightings in industrial and commercial areas, parks and playgrounds, highways and roadways.



<b>Luminaries Wattage</b>	15W	18W	24W	30W	36W
	50W	70W	100W	150W	200W
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz				
<b>Lumens O/P</b>	120 - 130 lumens / watt				
<b>Power Factor (PF)</b>	> 0.90				
<b>Color</b>	Cool White	Neutral white		Warm white	
<b>CCT</b>	6500k	4000k		2700k	
<b>IP Rating</b>	IP 65				
<b>Surge Protection</b>	Yes				
<b>Average LED Life</b>	>50,000 hours				



## HIGH BAY LIGHT

For indoor lightings in warehouses, workshops, factories and assembly lines.



<b>Luminaries Wattage</b>	50W	100W	120W	150W	200W
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz				
<b>Lumens O/P</b>	120 - 130 lumens / watt				
<b>Power Factor (PF)</b>	> 0.90				
<b>Color</b>	Cool White	Neutral White		Warm White	
<b>CCT</b>	6500K	4000K		2700K	
<b>IP Rating</b>	IP 65				
<b>Surge Protection</b>	Yes				
<b>Average LED Life</b>	>50,000 hours				



MAINTENANCE FREE



ECO FRIENDLY



ENERGY SAVING



UV/IR



HEAT SINK

INDIGENOUS TECHNOLOGY



## FLOOD LIGHT

For outdoor lightings in stadiums and arenas, hoarding and indoor lightings in factories and warehouses.



Down chowk



Back chowk

<b>Luminaries Wattage</b>	30W	50W	70W	100W	150W	200W	250W
<b>Luminaries Type</b>	Back Chowk / Down Chowk						
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz						
<b>Lumens O/P</b>	120 - 130 lumens / watt						
<b>Power Factor (PF)</b>	> 0.90						
<b>Color</b>	Cool White		Neutral White		Warm White		
<b>CCT</b>	6500K		4000K		2700K		
<b>IP Rating</b>	IP 65						
<b>Surge Protection</b>	Yes						
<b>Average LED Life</b>	>50,000 hours						



## PREMIUM PANEL LIGHT

For commercial and residential lightings in offices, shopping malls, hotels, restaurants, hospitals, ATMs and home lightings.



<b>Luminaries Wattage</b>	18W	22W	36W	36W	72W
<b>Luminaries Cutout (mm)</b>	300x300	300x600	600x600	300x1200	600x1200
<b>Luminaries Cutout (ft)</b>	1'x1'	1'x2'	2'x2'	1'x4'	2'x4'
<b>Luminaries Shape</b>	Square / Rectangular				
<b>I/P Range &amp; frequency</b>	110V-270V AC ; 50-60 Hz				
<b>Lumens O/P</b>	120 - 130 lumens / watt				
<b>Power Factor (PF)</b>	> 0.90				
<b>Color</b>	Cool White	Neutral White		Warm White	
<b>CCT</b>	6500K	4000K		2700K	
<b>Surge Protection</b>	Yes				
<b>Average LED Life</b>	>50,000 hours				



INDIGENOUS TECHNOLOGY





## SLIM PANEL LIGHT

For commercial and residential lightings in offices, shopping malls, hotels, restaurants, hospitals, ATMs and home lightings.



<b>Luminaries Wattage</b>	3W	6W	9W	12W	15W	18W	22W
<b>Luminaries Cutout (mm)</b>	75	110	110	160	160	210	210
<b>Luminaries Shape</b>	Round / Square						
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz						
<b>Lumens O/P</b>	120 - 130 lumens / watt						
<b>Power Factor (PF)</b>	> 0.90						
<b>Color</b>	Cool White		Neutral White		Warm White		
<b>CCT</b>	6500K		4000K		2700K		
<b>Surge Protection</b>	Yes						
<b>Average LED Life</b>	>50,000 hours						



For commercial and residential lightings in offices, shopping malls, hotels, restaurants, hospitals, ATMs and home lightings.



<b>Luminaries Wattage</b>	15W	18W	24W
<b>Luminaries Cutout (mm)</b>	125	150	175
<b>Luminaries Shape</b>	Round / Square		
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz		
<b>Lumens O/P</b>	120 - 130 lumens / watt		
<b>Power Factor (PF)</b>	> 0.90		
<b>Color</b>	Cool White	Neutral White	Warm White
<b>CCT</b>	6500K	4000K	2700K
<b>Surge Protection</b>	Yes		
<b>Average LED Life</b>	>50,000 hours		



For decorative lightings in commercial and residential areas such as shopping malls, hotels, restaurants, showrooms and home decor.



<b>Luminaries Wattage</b>	3W	6W	9W	12W	24W	30W
<b>I/P Range &amp; frequency</b>	110V–270V AC ; 50-60 Hz					
<b>Lumens O/P</b>	120 - 130 lumens / watt					
<b>Power Factor (PF)</b>	> 0.90					
<b>Color</b>	Cool White		Neutral White		Warm White	
<b>CCT</b>	6500K		4000K		2700K	
<b>Surge Protection</b>	Yes					
<b>Average LED Life</b>	>50,000 hours					



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