

Why LED ?

General Features	LED UV (Light emitting diode)	Mercury UV	Advantage of LED
Basics of Systems	Silicone Emitting Diode LED	Fragile cylindrical quartz bulb	High resistance to vibration and shock
Power Consumption	Low normally quantified hundreds of Watts/hr.	HIGH normally quantifies thousand of Watts/hr.	Power consumption is 80% less; thus investment cost is recoverable by the user in a short time
Dizario LED Life Time	More than 25000, working hrs It depends on the condition of working environment	Varying from 500 to 2,000 working	No UV emitter to replace
Temperature during operation	60°C max. measured in lamp emitting window	Greater than 1350°C on lamp window The bulb can reach 900°C after a few minutes of operating	LED is instant ON/OFF therefore save ample energy over mercury UV System
Type of Source	Monochromatic source for UV-A rays only	Rays emitted UV-A+UV-B+UV-C	Improved safety for the operator. It does not emit dangerous UV-C radiation
Environmental/Health issues	No mercury and other dangerous substance Environment	Contains mercury and metal halide potentially dangerous for the health	It is not necessary to dispose emitter as special waste
Maintenance Required	Glass window cleaning only	Cleaning, periodic replacement of UV Bulb, replacing reflectors, cleaning filters etc.	Almost zero maintenance cost
Quality of Printing	Printing quality more constant	Electromagnetic system containing transformers, chokes, capacitors and igniter	LED lamps are more compact and reliable over time speed



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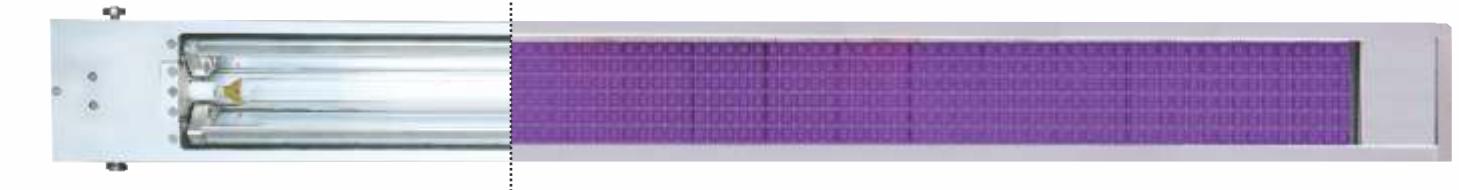
LED UV SYSTEMS

LED UV SYSTEMS | INTERDECK SYSTEMS | SCREEN PRINTING MACHINES | UV CONVEYOR | ANILOX COATER

LED UV Customers

CUSTOMER NAME	CITY	CUSTOMER NAME	CITY
ASOKA PRINTERS	KANPUR	PB ENTERPRISES	LUDHIANA
B.C PACKWELL	LUDHIANA	PRADIPAM OFFSET	AHMEDABAD
COLOR INDIA	KANPUR	PRINT BEST CREATIONS	NARAINA
DIGITAL PRINT SOLUTION	JAIPUR	GIRDHAR ENTERPRISES	CHANDIGARH
GRAFIKS INDIA	Delhi	SMAT FORMS	DELHI
GANDHI TRADERS	INDORE	SAI RAM CREATIONS	DELHI
PACK IT	INDORE	NAVEEN PRINETRS	KANPUR
GEETA ENTERPRISES	DELHI	BLIZE PRINTERS	ROORKEE
CHINTU PRINTER	LADWA	RK IMAGING PVT. LTD.	KOLKATA
ARYA SONS	BAWANA	GUPTA PUBLISHING HOUSE	INDORE
VINAYAK PRINTER	LUDHIANA	<i>and many more...</i>	

LED UV CURING SYSTEM



Best curing solution for a **PERFECT** printing



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