

PRODUCT DATA SHEET

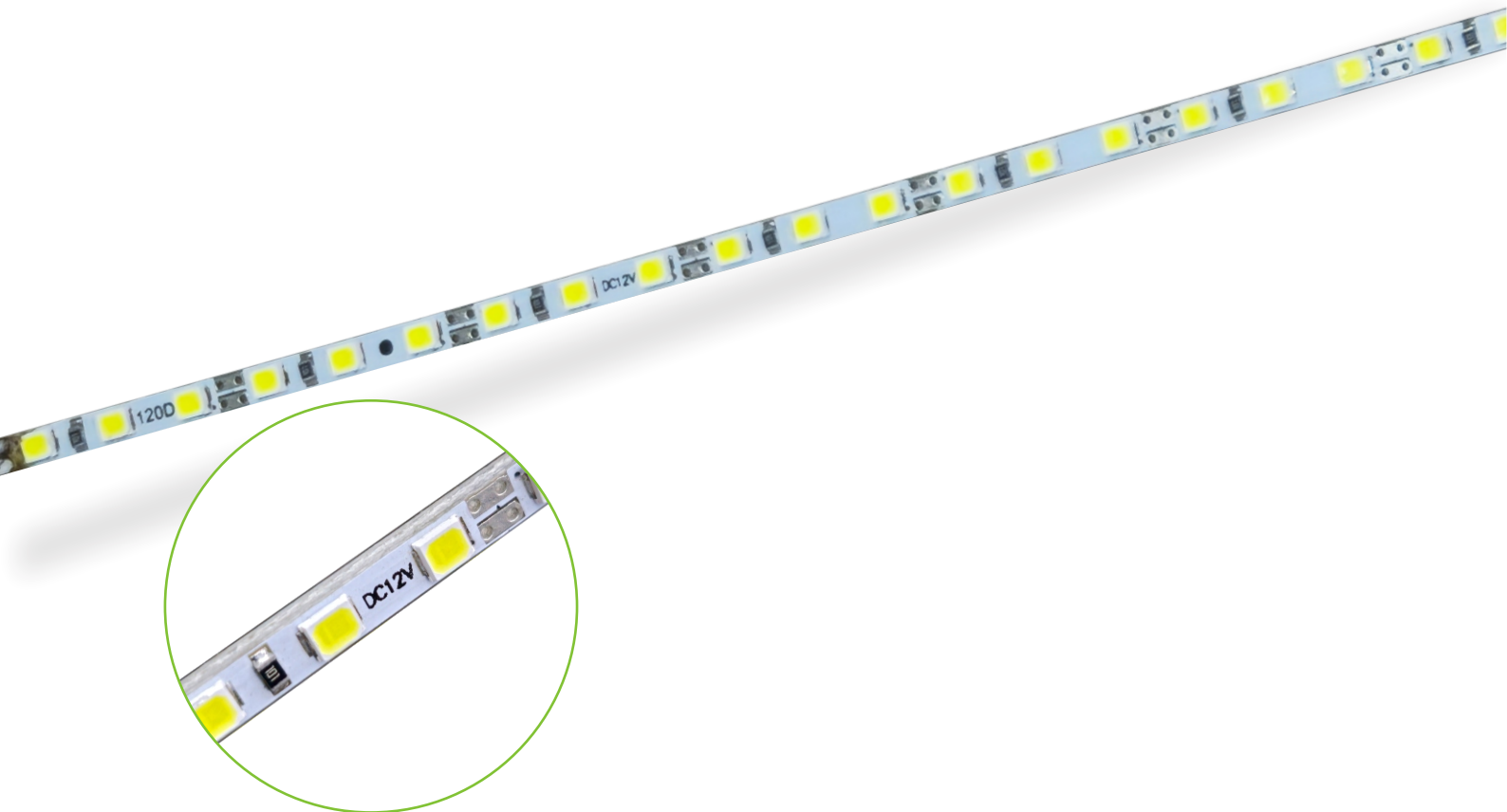
RIGID LED STRIPS

MODE : 12V-2835-120-4MM

COLOR : 6000K

1000*4,120LED'S

CONSTANT VOLTAGE 12DC RIGID LED STRIP LIGHT



GDS-RLS.2835.14.120.12.IP20

UL	CE	RoHS	2835 SMD	120 LEDS	WATTS 14	DC 12V	IP 20
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LED STRIPS ARE MANUFACTURED WITH HIGH INTENSITY LED CHIPS MOUNTED ON A FLEXIBLE. PRINTED CIRCUIT BOARD (FPCB) WITH A SELF ADHESIVE 3M BACKING. SOMETIMES REFERRED TO AS “LED TAPE LIGHTS”, THE FLEXIBLE DESIGN OF LED STRIPS ALLOWS QUALITY LIGHT IN ALMOST ANY SPACE YOU CAN IMAGINE. THIS LED STRIPS ARE A GREAT WAY TO PROVIDE PROFESSIONAL GRADE, BRIGHT AND COMFORTABLE ACCENT LIGHTING THAT WILL LAST FOR MANY YEARS.

PRODUCT FEATURES

- HIGH CRI OF 80+
- HIGHEST BRIGHTNESS
- FULLY DIMMABLE
- HIGHEST QUALITY COMPONENTS AND PREMIUM PACKAGED
- 2835 LEDS
- SINGLE BIN LED SELECTION TO ENSURE COLOR CONSISTENCY (3-STEP MACADAM)
- THERMALLY RESISTANT 3M VHB 4830 ADHESIVE FOR LONG LASTING BOND
- 120° BEAM ANGLE
- ONLY 4MM STRIP WIDTH
- 12V
- 120 LEDS PER METER
- THICK DOUBLE LAYER 2 OZ COPPER PCB FOR EXCELLENT THERMAL MANAGEMENT
- OPERATING TEMPERATURE -20°C TO 55°C

TECHNICAL PARAMETERS

INPUT VOLTAGE :	12V DC
POWER :	14W
COLOR RENDERING INDEX RA :	>80
VIEWING ANGLE :	120°
DIMENSION	1000*4MM
COLOR :	6000K
LED TYPE :	120*2835
CERTIFICATION :	CE,ROHS,TUV RHEINLAND

GUIDELINES FOR THE PRODUCT USAGE

- NEVER CONNECT THE LINE VOLTAGE TO THE LED STRIPS. MATERIAL SHOULD BE INSTALLED BY THE EXPERIENCED AND QUALIFIED ELECTRICIAN. SUITABLE LED DRIVERS FORM PART OF THE ELECTRICAL CIRCUIT TO BRING DOWN THE DRIVE CURRENT INTO THE LED STRIPS. DIRECT POWER 220V WILL BURN THE CIRCUIT IN THE LED STRIPS.
- CHEMICAL CONTENTS WILL CORRODE THE LED STRIPS WHICH LEAD TO PREMATURE FAILURE. KEEP AWAY FROM THE CHEMICAL COMPOUNDS AND CHEMICAL AGENT ELEMENTS. THEY WILL SPEED UP THE DETERIORATION. HYDROGEN SULPHIDE IS THE GENERALLY FOUND CHEMICAL COMPOUND FOUND IN FOAM RUBBER, SULPHUR SPRINGS, RUBBER BASED PACKAGING ETC. INDUSTRIAL PRODUCTS ARE AVAILABLE SPECIALLY PROTECTED AGAINST SUCH HAZARDOUS ENVIRONMENT.
- LED STRIPS ARE DESIGNED FOR STATIC INSTALLATION. WE DON'T RECOMMEND TO THE PRODUCT IN SITUATIONS WHERE IT IS NOT SUPPOSED TO INSTALL. ENSURE THAT THE UNITS FUNCTIONS WITHIN THE TOLERABLE TEMPERATURE LIMITS.

- LED STRIPS COME WITH SELF ADHESIVE TAPES AND IT IS DESIGNED TO USE FOR ONE TIME PURPOSE. IN THE NORMAL CIRCUMSTANCES IT CAN BE STICK TO SURFACES LIKE, METAL, WOOD, CONCRETE ETC, AND EXPECTED TO PERFORM EFFICIENTLY. USE OF ALUMINUM PROFILES WILL ADD DURABILITY OF THE PRODUCT. ALUMINUM BASE FUNCTIONS AS A CATALYST FOR HEAT DISSIPATION. DIFFUSER ON TOP BRING UNIFORMITY IN LIGHT OUTPUT AND PLEASANT TO THE EYES.
- ALUMINUM PROFILES ALONG WITH DIFFUSER PROTECT THE LED CHIPS FROM CATCHING THE DUST AND OTHER DIRTY ELEMENTS WHICH LEAD TO LIGHT OUTPUT FROM THE UNIT.
- LED STRIPS CAN BE CUT INTO SMALL LENGTH TO SUIT THE REQUIREMENTS. SMALLEST LENGTH STARTING FROM 10CM TO 20MM. THE SCISSOR MARK ARE CLEARLY EXHIBITED ON THE STRIP, ANY CUTTING OTHER THAN THE MARKED SPACE WILL DAMAGE THE CIRCUIT AND DAMAGE THE PRODUCTS.
- THE DISTANCE BETWEEN THE LED DRIVER (DRIVE DOWN CURRENT) AND THE LED STRIPS SHOULD BE KEPT IN A DISTANCE (AROUND 1 TO 2M) TO GET THE OPTIMAL PERFORMANCE. LONGER DISTANCE WILL REDUCE THE CAPACITY OF THE LED DRIVER AND PRODUCE ADDITIONAL HEAT IN THE LED DRIVER.
- EXPERIENCED ELECTRICIAN SHOULD INSTALL THE PRODUCT MATCHING WITH CAPACITY OF THE CIRCUIT TO GUARD AGAINST OVERLOAD, SHORT CIRCUIT AND OVERHEATING.

APPLICATIONS

- INDOOR ILLUMINATION AND DECORATION IN HOME, HOTEL, SHOPPING MALL, CINEMA, MUSEUM, BAR, SHOWING ROOM, JEWELRY COUNTER, ETC.

