



LED LIGHTS
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PRODUCT SPECIFICATIONS

Revision	R1.00
Model Description	2835 180LED 24V IP20
Product code	KED-A0218020
MECHANICAL	
Packing	Antistatic Bag/Blister packaging
Width of strip (+/- 1mm)	10MM
Length/ reel	5m/roll
ELECTRICAL	
Driver type	NA
Input Voltage (VDC) +10%/M	DC 24V
Input Current(A) +10%/M	0.75A
Input power(W) +10%/M	18
OPTICAL	
No of LED/M	180
LED Package	2835 (0.2W)
LED Make	EDISON/MLS/EVERLIGHT/BRIDGELUX LED
Lumen/Chip(@ rated current)	26-28lm @60mA (2835 LED)
Lumen Per Meter	1440lm ±10%
Colour Temperature /Wave length-LED	3000K±175K
Colour Temperature /Wave length-LED	4000K±275K
Colour Temperature /Wave length-LED	6500K±510K
Single String Current	18-25mA
No of LED in Single String	6
Number of Resistor Single String	2
Power Dissipation (package)	0.25W 1206 5%
PCB	Flexible double sided PCB 5M
BASE FILIM Material of PCB	PI+Cu
BASE CU thickens of PCB	35+35µm
Fixing method	With tape
Silicone tube dimension	10.3 X 4 MM ±0.1MM (W x H)
Ingress protection	IP20
ENVIRONMENTAL	
Working Temp. Range(°C)	20°C to +45°C
Working Humidity Range	10-90RH
heat sink requirement	NA
Regulatory	
Drop test	As per QAP