



Technical Data Sheet

ORETA

LED Street Light Series

Product Name	Oreta Led General Purpose Light
Product Code	ORT 20C
Product Description	LED General Purpose Light Oreta Polycarbonate Series 20W C.W
Special Properties	Unbreakable Easy to fit No Color Fading
Areas of application	Street Light
Application Method	Pipe Mount
MRP (Rs.)	₹ 770.00
Dimensions	230x95x65mm (Length*Width*Height)



Electrical Specification	
Input Power (W)	20
Input Voltage (V)	230
Input Current (mA)	92
Power Factor %	90
THD %	<10
Output voltage (with Load) Vdc	48
Output Current (mA) dc	320mA
Driver Efficiency (%)	90%
Operating Voltage (V)	220-230
Operating Frequency (Hz)	50
Output Open Circuit Voltage (Vdc)	0
Output Open Circuit Protection	Yes
Output Short Circuit Protection	Yes
Surge Protection	4KVA
Electric Strength as per IS 16102	1.5KV
Input Voltage Range(V)(AC)	130-150
System Power Consumption(W)+/- 10%	20
Driver Type(External/Internal)	Internal

Optical Specification	
LED	2835
No. Of LED	192
LED Drive Current (mA)	50
Luminous Flux (Lumen)	2200
Luminous Efficacy (Lm/W) +/- 5%	110
Color Temperature K	6800
CRI	>80
LED Beam Angle (Degree)	180
LED CCT Binning	
LED Life Hours	5000 Hrs

Environmental Specification	
Working Temp. Range °C	-10 to +40
Working Humidity Range	0-95%

Mechanical Specification	
Housing	Polycarbonate
Diffuser /Glass	Polycarbonate
Mounting Arrangement	Pipe Mount

Note: All values are Nominal. Tolerance as per relevant Indian standards applicable

1. Data is subject to change without notice.
2. Inventaa reserves the right to make changes to this product at any time without prior notice and such modification shall be effective with immediate effect.



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