

**Crompton**

Crompton Greaves Consumer  
Electricals Ltd.

# TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:  
Restricted-4

Division:  
Lighting

Department: Design  
and Development

Document Number: TD 0902243

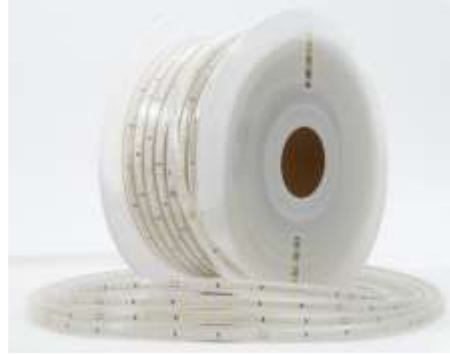
Revision:

Date: 28-07-2023

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Issue No. 1

Issue Date:02-05-2018



Spool Dia - 256mm  $\pm$ 2 mm  
Product:  
Width - 12 mm  $\pm$  2 mm  
Height - 5.5 mm  $\pm$  1 mm  
Length - 18 Meter $\pm$  10 mm

DIMENSIONS SHOWN ARE FOR INSTALLATION REFERENCES ONLY AND WILL HAVE TOLERANCE  $\pm$ 3mm UNLESS OTHERWISE SPECIFIED

## GENERAL:

This product comprises of 450W Wattage adapter (maximum) used for flexible lighting LED strips suitable for indoor/outdoor application. This populated pcb is fitted in the extruded PVC housing. The total length of this strip is 18 mtrs and 120 LEDs per meter.

| PRODUCT DESCRIPTION       | **NOMINAL<br>WATTAGE<br>(W) | CCT<br>(K) | CRI | VOLTAGE<br>(V) | **MAINS<br>CURRENT<br>(A) | *APPROX<br>WT<br>(KG) |
|---------------------------|-----------------------------|------------|-----|----------------|---------------------------|-----------------------|
| TCS-106-144-IND-SL-CP-NWH | 144                         | NA         | NA  | 230            | 0.60                      | 1.44                  |
|                           |                             |            |     |                |                           |                       |
|                           |                             |            |     |                |                           |                       |
|                           |                             |            |     |                |                           |                       |
|                           |                             |            |     |                |                           |                       |
|                           |                             |            |     |                |                           |                       |
|                           |                             |            |     |                |                           |                       |

\*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

\*\*RATED SYSTEM WATTAGE AND CURRENT WILL HAVE TOLERANCE AS PER IS 16104: 2012

|                                         |                               |                                                  |             |
|-----------------------------------------|-------------------------------|--------------------------------------------------|-------------|
| TITLE: 18Mtr. Rope Light(India)         | TYPE: Rope Light              | CUSTOMER REFERENCE:<br>TCS-106-144-IND-SL-CP-NWH | STAMP:<br>- |
| PREPARED BY<br>Saurabh Kumar Srivastava | CHECKED BY<br>Padmaraj Ganesh | APPROVED BY<br>Padmaraj Ganesh                   |             |

Note: 1 AS EFFORTS ARE ON CONSTANTLY TO IMPROVE THE DESIGN AND METHODS OF MANUFACTURE OF THE PRODUCT, THE PRODUCT SUPPLIED MAY DIFFER IN DETAIL FROM THE DATA GIVEN HERE IN

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4. DIMENSION SHOWN ARE FOR INSTALLATION REFERENCE ONLY AND IN MM WITH TOLERANCE OF  $\pm$ 3mm UNLESS OTHERWISE SPECIFIED

|                                                                                                                                  |                               |                                              |                                     |             |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------|-------------|
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|                                                                                                                                  |                               | Date: 28-07-2023                             | Issue Date:02-05-2018               |             |

| MATERIAL SPECIFICATIONS: |                           |
|--------------------------|---------------------------|
| Extruded Housing         | PVC Compound              |
| Mounting Clamps          | PVC(10 Nos in one Carton) |
| End caps                 | PVC                       |
|                          |                           |
|                          |                           |
|                          |                           |
|                          |                           |
|                          |                           |
|                          |                           |
|                          |                           |
|                          |                           |

| ELECTRICAL PARAMETERS:      |                        |
|-----------------------------|------------------------|
| Rated Voltage (V)           | 230~                   |
| Frequency (Hz)              | 50                     |
| Operating Voltage Range (V) | 140-250~               |
| Current (A) @ 240V          | 0.038 per meter        |
| Wattage (W) @240V           | 144 (Max 8W per meter) |
| P.F.                        | >0.9                   |
| I THD                       | NA                     |
| Lumen                       | 600 Lm/meter           |
| Surge                       | Up-to 4.0 kV           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               |                                                  |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------|-------------|
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| PREPARED BY<br>Saurabh Kumar Srivastava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CHECKED BY<br>Padmaraj Ganesh | APPROVED BY<br>Padmaraj Ganesh                   |             |
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|                                                                                                                               |                               |                                           |                                    |             |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------|------------------------------------|-------------|
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| INSTALLATION: |                        |
|---------------|------------------------|
| Protection    | IP 65                  |
| Mounting      | Provided plastic clips |
|               |                        |
|               |                        |

| PRODUCT ORDERING CODE:    |               |
|---------------------------|---------------|
| Product Description       | Ordering Code |
| TCS-106-144-IND-SL-CP-NWH | TLS100026-D1  |
|                           |               |
|                           |               |
|                           |               |
|                           |               |
|                           |               |
|                           |               |

| SPARES ORDERING REFERENCE: |  |  |  |  |
|----------------------------|--|--|--|--|
| Product Description        |  |  |  |  |
| S0DRVK 450                 |  |  |  |  |
|                            |  |  |  |  |
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