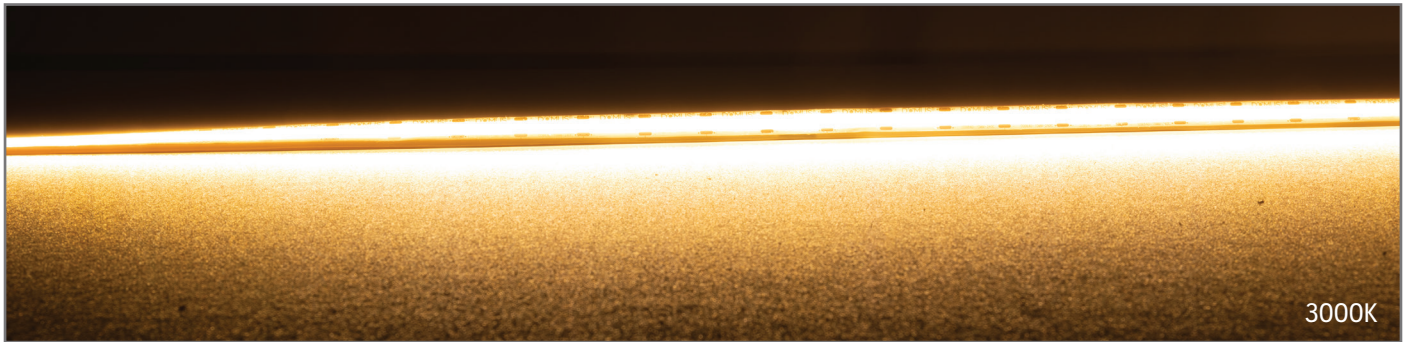# DOMUS®
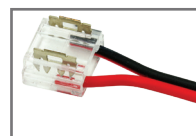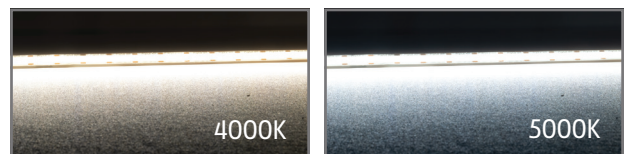
# PLEX-COB-20
## COB True Dotless LED Strip



3000K

## Description

The PLEX-COB series of LED strip incorporates the latest in LED COB chip technology, with true dotless appearance utilising 640 LEDs per metre. Operating on 24V DC allows for less resistive heat and longer run lengths. Choose from IP54 Indoor Strip including wet areas, or for waterproof installations, the IP67 Strip with silicon coating. Longer areas of weldless joints provide a more reliable solution avoiding breaks in continuity. A range of wattage per metre options from 5W, 10W, 15W and 20W covers all desirable light output levels for your desired area. High CRI90 chips provide excellent colour rendering while providing a smooth and seamless linear lighting for a clean and minimalistic look. The PLEX-COB series come with a choice of single colour 3000K Warm White, 4000K Neutral White and 5000K White for your residential or commercial linear lighting project applications. A comprehensive range of optional accessories including fast fix connectors, and L-joint connectors are available for complex installations. Ideal for kitchens, bathrooms, laundry, bars, restaurants, and all indoor highlighting applications.

## Specification Features

| | |
|---|---|
| Input Voltage: | 24V DC |
| Per Metre Power (W): | 20W |
| IP rating (IP): | IP54** |
| Per Metre Lumen Output (lm): | Warm White 3000K - 1800lm |
| | Neutral White 4000K - 2000lm |
| | White 5000K - 2000lm |
| LED type: | COB - 640 LED Per Metre |
| CCT: | 3000K - 4000K - 5000K |
| CRI: | ≥90 |
| Beam angle (°): | 180° |
| Dimmable: | Yes*** |
| Lifespan (hrs): | 50,000hrs |
| Wiring: | Parallel |
| Cutting Increment/Sections: | 25mm |
| Requires: | 24V DC Constant Voltage LED Driver |
| Continuous Run: | 3m Max (one end driver feed) |
| | 6m (two end driver feed) |

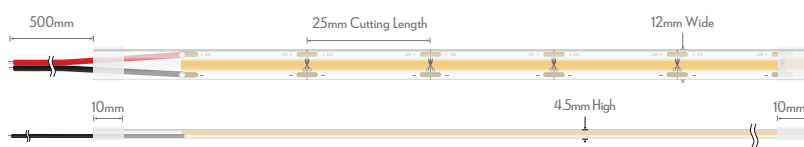\*    With the use of Domus drivers.
\*    All LED strip must be installed on an aluminium heat sink, failure to do so WILL VOID WARRANTY.
\*\*  Indoor Use Only - Suitable for indoor wet areas
\*\*\*Fully dimmable with suitable LED Driver and Dimmers.


4000K


5000K




PLEX-COB-LCCON


PLEX-COB-LCON


PLEX-COB-SCON


PLEX-COB-FCCON

## Diagrams / Additional



500mm    25mm Cutting Length    12mm Wide

10mm    4.5mm High    10mm

| Item No. | Variant | | | CCT |
|---|---|---|---|---|
| | Per Mt | 20M | 50M | |
| **PLEX-COB-20** | 24009 | 24023 | 24037 | 3000K |
| | 24010 | 24024 | 24038 | 4000K |
| | 24011 | 24025 | 24039 | 5000K |

*Max Run Length: 3M*

| | LCCON | LCON | SCON | FCCON |
|---|---|---|---|---|
| **PLEX-COB** | 23991 | 23993 | 23990 | 23992 |