DayTech LED

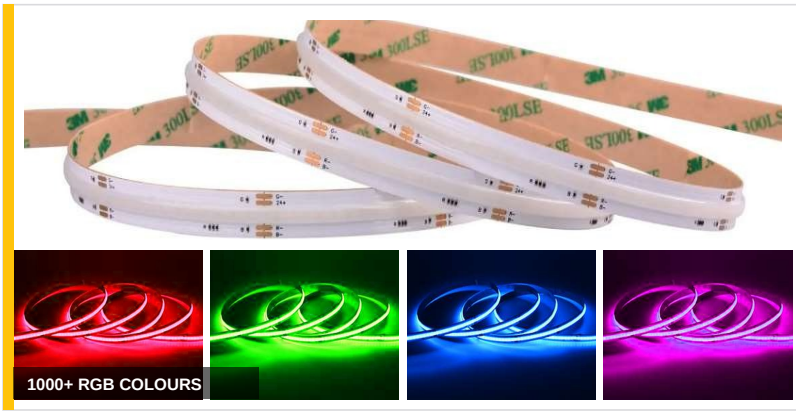
5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED TAPE LIGHT · PRODUCT SPECIFICATION

840 Series RGB COB Tape

Full-colour RGB · 840 LEDs/m · 15 W/m · 24V DC · 5 m reel · IP20 / IP67

PART NO. **FL-840RGB-COB-5M-24V**



15 W/m POWER	**475** lm/ft LUMINOUS FLUX
840 /m LED DENSITY	**120°** BEAM ANGLE
RGB LIGHT COLOUR	**24** V DC VOLTAGE

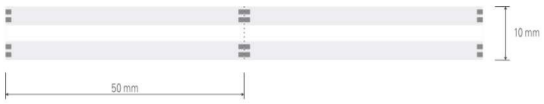
DC 24V · CE · UL · 1 BIN · Dimmable · LM 80 · Ra 80/90 · 120° · SDCM <3 · c UL us LISTED

PRODUCT OVERVIEW

A dot-free **RGB COB tape** for commercial, residential and architectural lighting, from coves and corridors to accents. Energy efficient, with over **1,000 RGB colours**. Pair it with a DayTech aluminum profile for even, linear light and a **rainbow touch remote** for colourful scenes. **IP67 version for outdoor and wet locations.**

DIMENSIONS & CUT POINTS

10 mm wide · cut every 50 mm



SPECIFICATIONS

PART NUMBER	**FL-840RGB-COB-5M-24V**
LIGHT COLOUR	RGB, 1,000+ colours
LED DENSITY	840 LEDs per metre (COB)
POWER	15 W/m · 75 W per 5 m reel
LUMINOUS FLUX	475 lm/ft
CRI	Ra > 90
BEAM ANGLE	120°
INPUT VOLTAGE	24 V DC
WIDTH / CUT	10 mm · every 50 mm
REEL LENGTH	5 m per roll
PCB	White, copper body
IP RATING	IP20 indoor
OPERATING TEMP.	–25 °C to +45 °C
LIFETIME	30,000 hours
CERTIFICATION	CE, RoHS, cUL
WARRANTY	3 years

ORDERING OPTIONS

MODEL · SELECT ONE

- ☐ **FL-840RGB-COB-5M-24V**
  IP20 · Indoor, dry locations
- ☐ **FL-840RGB-COB-5M-24V-IP67**
  IP67 · Outdoor / wet, silicone encapsulated

REELS (5 M EACH)

PO #

PROJECT

DRIVERS & CONTROL › PAGE 2

Specifications subject to change without notice.

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Versions & Compatibility

Tick and enter a quantity to add accessories to your order

PART NO. **FL-840RGB-COB-5M-24V**

IP20 VS IP67



IP20 · INDOOR

FL-840RGB-COB-5M-24V

Bare COB tape with 3M adhesive backing for dry indoor locations: coves, shelving, under-cabinet and furniture.



IP67 · WEATHERPROOF

FL-840RGB-COB-5M-24V-IP67

Silicone-encapsulated tape for outdoor and wet locations. Seal cut ends and connections to keep the IP67 rating.

SYSTEM COMPATIBILITY · ORDER SEPARATELY



PS-96W-24V-BB
24V non-dimmable driver
Powers strip & controller
ADD QTY



RGBW-RM-RF03
Rainbow touch RF controller
4 or 5 wire, wireless remote
ADD QTY



FL-840RGB
RGB COB tape
IP20 or IP67
SELECTED ON PAGE 1



NL01-12/24V
RGB amplifier, 144W max
Extends runs, keeps sync
ADD QTY

Driver › controller › tape. For longer runs, add an NL01-12/24V amplifier with its own driver to keep every section in sync (please enquire for wiring).

DRIVER REQUIREMENT

Use only with **24V DC non-dimmable** constant voltage drivers, such as the **DayTech BB series**. Do not use dimmable, magnetic or 0–10V drivers: colour and dimming come from the RGB controller. For longer runs or outdoor IP67 installs, use the **PS-150W / PS-240W-24V-WP-BB** (waterproof, UL listed, J-box). The tape draws **15 W/m** (75 W per 5 m reel); allow about 20% headroom.

COMPATIBLE 24V NON-DIMMABLE DRIVERS

PART NUMBER	OUTPUT	MAX TAPE*
PS-40W-24V-BB	40W	≈2.1 m
PS-60W-24V-BB	60W	≈3.2 m
PS-80W-24V-BB	80W	≈4.3 m
PS-96W-24V-BB	96W	5 m (full reel)
HIGH POWER · WATERPROOF		
PS-150W-24V-WP-BB	150W	≈8.0 m
PS-240W-24V-WP-BB	240W	≈12.8 m

*At 80% load, 15 W/m. BB: Class 2, IP20, ballast box. WP-BB: waterproof, UL listed, J-box.

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