DayTech LED

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

LED TAPE LIGHT · PRODUCT SPECIFICATION

RGBWW COB LED Tape

PART NO. **FL-784RGBWW-COB-5M-24V**

RGB + 3000K warm white · 784 LEDs/m · 24V DC · 5 m reel · IP20 / IP67



QUICK SPECS

POWER	LUMINOUS FLUX	CRI
20 W/m	**350** lm/ft	**90**

RGB + WHITE	LED DENSITY	VOLTAGE
3000 K	**784** /m	**24** V DC

PRODUCT OVERVIEW

A dot-free **RGB + 3000K COB strip**. With an RGBW controller it creates any colour, scenes and effects plus true warm white for cove, mood and accent lighting. **IP67 version: outdoor / underwater to 1 m.**

CERTIFICATIONS & FEATURES

CE · RoHS · cUL Listed · Dimmable · 3-year warranty

SPECIFICATIONS

ELECTRICAL & OPTICAL

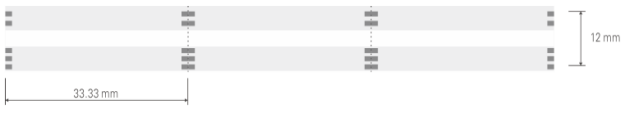
Part Number	**FL-784RGBWW-COB-5M-24V**
Voltage	**24V DC**
Power	**20 W/m**
Luminous Flux	**350 lm/ft**
Light Colour	**RGB + 3000K**
CRI (Ra)	**90**
Beam Angle	**120°**
LED Quantity	**784 LEDs per metre**

MECHANICAL

Strip Width	**12 mm**
Cutting Unit	**33.33 mm**
Reel Length	**5 m**
PCB	**White, copper**
IP Rating	**IP20 · IP67 option**
Operating Temp.	**-25 °C to 45 °C**
Lifetime	**30,000 h**
Warranty	**3 years**

DIMENSIONS

Dimensions in mm



12 mm wide · cut every 33.33 mm (IP20 shown).

ORDERING OPTIONS

MODEL ☐ **FL-784RGBWW-COB-5M-24V · IP20 indoor**
☐ **FL-784RGBWW-COB-5M-24V-IP67 · IP67**

QTY (REELS) _____ PO # _____

PROJECT _____

Specifications subject to change without notice.

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LED TAPE LIGHT · VERSIONS & SYSTEM

Versions & Compatibility

PART NO. **FL-784RGBWW-COB-5M-24V**

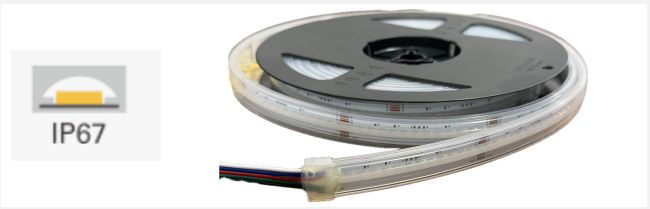
IP20 vs IP67



IP20 · INDOOR

FL-784RGBWW-COB-5M-24V

Bare COB strip with 3M adhesive backing for dry indoor locations: coves, under-cabinet, shelving and furniture. 12 mm wide, cut every 33.33 mm.



IP67 · WEATHERPROOF

FL-784RGBWW-COB-5M-24V-IP67

Fully silicone-encapsulated strip for outdoor, wet and underwater (to 1 m) locations. Seal cut ends and connections to keep the IP67 rating.

SYSTEM COMPATIBILITY



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

▶



RGBW-RM-RF03
Rainbow RGBW controller
4 or 5 wire, wireless remote

▶



FL-784RGBWW
RGBWW COB strip
IP20 or IP67

▶



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

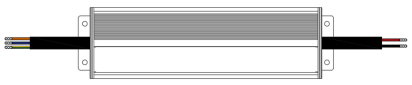
Driver > controller > strip. For longer runs, add an NL01-12/24V amplifier with its own driver to keep every section in sync (please enquire for wiring).

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: dimming and colour control come from the RGBW controller.

For longer runs or outdoor IP67 installs, use the high-power waterproof **PS-150W / PS-240W-24V-WP-BB** (UL listed, J-box).

Size the driver to the load: the strip draws **20 W/m** (a full 5 m reel is about 100 W), and allow about 20% headroom.



COMPATIBLE 24V NON-DIMMABLE DRIVERS

PART NUMBER	OUTPUT	MAX STRIP*
PS-40W-24V-BB	40W	≈1.6 m
PS-60W-24V-BB	60W	≈2.4 m
PS-80W-24V-BB	80W	≈3.2 m
PS-96W-24V-BB	96W	≈3.8 m
HIGH POWER · WATERPROOF		
PS-150W-24V-WP-BB	150W	≈6.0 m
PS-240W-24V-WP-BB	240W	≈9.6 m

BB: Class 2, IP20, in ballast box. WP-BB: waterproof, UL listed, J-box.
*At 80% load (20 W/m strip).

Specifications subject to change without notice.