Sensors and Controls

basicDIM Wireless LED drivers (TW)
Profiles

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Information

With the basicDIM Wireless system, you have the possibility to change the behaviour of each device through different profiles. These profiles can be selected in the 4remote BT App. For more informations about how to change device profiles, please refer to the "Tridonic 4remote BT-App Product documentation".

The following list contains an overview and a more detailed description of every available basicDIM Wireless Profile in the 4remote BT App. Following abbreviations are used throughout the document:

Abbreviation:	Description:
BC	Broadcast (= all devices)
A0, A1, A2, ...	DALI Single address (= single devices)
G0, G1, G2, ...	DALI Group address (= groups of devices)

> ℹ️ NOTICE
>
> Profiles with the abbreviation "Evo:" are only compatible with Evolution networks, as these offer extended functionality.

> ℹ️ NOTICE
>
> All profiles are shared and can be copied by our customers.

> ℹ️ NOTICE
>
> The factory profile is the first profile in the profile list.

basicDIM Wireless LED drivers (TW)

The basicDIM Wireless Tunable White drivers from Tridonic have been continuously updated in the past and therefore currently exist in two different versions:

1. Old variant with integrated Casambi module

2. New variant with integrated WRP module ("Wireless Reference Platform")

> **⚠ CAUTION!**
>
> When changing the device, the following must be observed:
>
> _ User profiles that were created by the user on the old device variant no longer work on the new device variant. They must be created again.
>   The creation of user profiles is described in a separate document, see Application Note - basicDIM Wireless - How to copy shared fixtures.
>
> _ No adjustments are necessary when using the pre-installed standard profile. All devices, old and new, are always delivered with correct standard profiles.

The profiles for the old and new device variants differ as follows:

_ Profiles for the new device variant with WRP module contain lumDATA, profiles for the old device variant don't.
  With the name lumDATA, Tridonic has merged the DALI parts 251, 252 and 253 under one name.

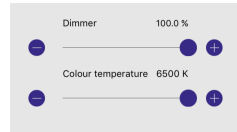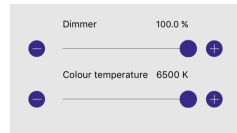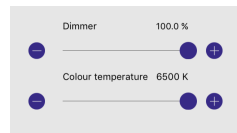The old and new device variants differ (optically) as follows:

_ The new device variant has the WRP and the lumDATA logo on the product label, the old variant doesn't

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The following table provides an overview of the associated device variants and profile numbers:

Device variant	Standard profile numbers	lumDATA	Label
Casambi module (old)	6941, 8371, 8372	❌	
WRP module (new)	22453, 22454, 22455	✅	**WRP⟩⟩** lum**DATA**

Old Profiles

These are the profiles for the old device variant with Casambi module, i.e. the original profiles that were published when the drivers were introduced.

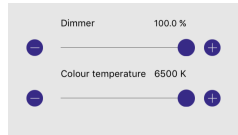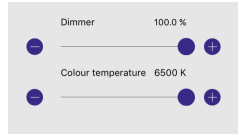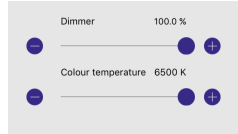| Profile:		Description:	Manual app control:		Connection sensors:	Push-button:	Visible in 4remote BT App:
6941	**bDW TW Driver (Dim/TW)**	The dimmer controls both channels (WW/CW) of the LED Driver. Additionally the colour temperature can be adjusted.	**Dimmer:** Driver output (WW /CW) **Colour temperature**		No	No	Yes
8371	**bDW TW Driver (Dim/TW/ pushBUTTON)**	The dimmer controls both channels (WW/CW) of the LED Driver. Additionally the colour temperature can be adjusted. Furthermore a push-button can be connected to the driver. The behaviour of the push-button input can be configured in the 4remote BT App.	**Dimmer:** Driver output (WW /CW) **Colour temperature**		No	Yes, 1	Yes
8372	**bDW TW Driver (Dim/TW/ 2 pushBUTTON)**	The dimmer controls both channels (WW/CW) of the LED driver. Additionally the colour temperature can be adjusted. Furthermore 2 independent push-buttons can be connected to the driver. The behaviour of the push-button inputs can be configured in the 4remote BT App.	**Dimmer:** Driver output (WW /CW) **Colour temperature**		No	Yes, 2	Yes

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New profiles

These are the profiles for the new device variant with WRP module, which include lumDATA.

> 🛈 CAUTION!
>
> Use the following profiles only for drivers with WRP and lumDATA logo on the product label!
> **WRP))** lum**DATA**

Profile:		Description:	Manual app control:		Connection sensors:	Push-button:	Visible in 4remote BT App:
22453	**bDW TW Driver (Dim/TW)**	The dimmer controls both channels (WW/CW) of the LED Driver. Additionally the colour temperature can be adjusted.	**Dimmer:** Driver output (WW /CW) **Colour temperature**	Dimmer 100.0 % / Colour temperature 6500 K	No	No	Yes
22454	**bDW TW Driver (Dim/TW/ pushBUTTON)**	The dimmer controls both channels (WW/CW) of the LED Driver. Additionally the colour temperature can be adjusted. Furthermore a push-button can be connected to the driver. The behaviour of the push-button input can be configuredin the 4remote BT App.	**Dimmer:** Driver output (WW /CW) **Colour temperature**	Dimmer 100.0 % / Colour temperature 6500 K	No	Yes, 1	Yes
22455	**bDW TW Driver (Dim/TW/ 2 pushBUTTON)**	The dimmer controls both channels (WW/CW) of the LED driver. Additionally the colour temperature can be adjusted. Furthermore 2 independent push-buttons can be connected to the driver. The behaviour of the push-button inputs can be configured in the 4remote BT App.	**Dimmer:** Driver output (WW /CW) **Colour temperature**	Dimmer 100.0 % / Colour temperature 6500 K	No	Yes, 2	Yes

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