

eldoLED

mastering
light

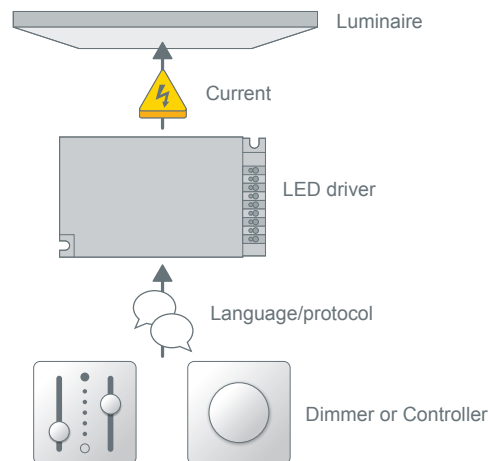
DALI-2 DT8(Tc) for Precise Tunable White Installations

DALI-2 DT8(Tc) is the standard defined by the DiiA for tunable white LED drivers that enable human centric lighting control and which can mimic changes in natural light during the day.

This natural change in both the color and intensity of the light is often referred to as tunable white. The new Tc specification standardizes CCT control along the black body line. Now, tunable white solutions can be calibrated, thereby delivering truly scalable, uniform tunable white lighting systems. Calibration of color and intensity at the driver level speeds commissioning and deployment and ensures consistent, calibrated color across any installation.

The key differentiator between a DT8 driver and a DT6 driver is that a DT8 solution requires only one DALI address instead of two addresses to control and manage a tunable white or color changing. Reducing the number of addresses simplifies lighting system design.

eldoLED's drivers are tested and certified under the rigorous DALI-2 test regime. By creating the DT8 Tc specification, the DiiA ensures that certified drivers meet the specifications detailed in Part 209 of the IEC 62386 standard. As lighting system



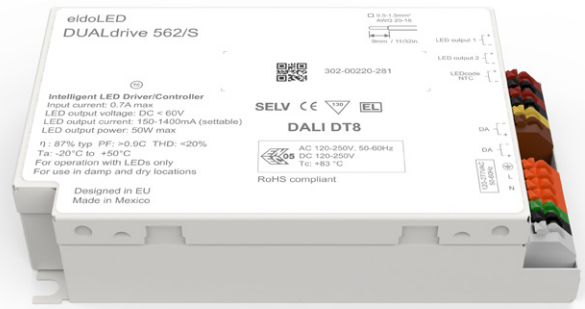
DT8 is the 'color-aware' control standard for all Tunable White applications LED driver technology based on color science enables end-to-end solutions Broad product offering for downlight, track and linear applications, constant voltage and constant current, from 10W to 100W.

complexity increases, certification to these standards demonstrates interoperability between component vendors and builds confidence with luminaire manufacturers, system designers, and specifiers that final performance will meet expectations.

DT8 Product information and specifications

DUALdrive is certified by the DiiA for DALI-2 DT8(Tc) operation so that you can plan and deploy your dynamic lighting with confidence.

Designed for dynamic and Tunable White LED lighting. DUALdrive excels in configurability, deep dimming, and two-way digital control.



- Natural dimming – Dim to Dark (0.1%)
- Constant current
- DALI-2 controls, dual channel
- LightShape for Tunable White applications
- Power levels from 20W to 120W
- For indoor applications

List of available DUALdrive products with DALI-2 DT8(Tc)

Products		Main attributes		Certifications			
Product name	Order number	Output power	Form factor	UL recognized component, Type TL (North America)	CE (Europe)	ENEC (Europe)	RCM (Australia & New Zealand)
DUALdrive 20M-E2Z0C	DL20M-E2Z0C2	20W	M		•	•	•
DUALdrive 20MA-E2Z0C	DL20MA-E2Z0C2	20W	A		•	•	•
DUALdrive 562/A	DL0562A3	50W	A	•	•	•	
DUALdrive 562/S	DL0562S3	50W	S	•	•	•	

Form factors

A



20W, dual channel driver: 183 x 42 x 31 mm



50W: 153 x 76 x 31 mm

M



20W dual channel driver: 184 x 42 x 31 mm

S



50W: 130 x 76 x 30 mm

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0420-DT8A4-00

AcuityBrands.