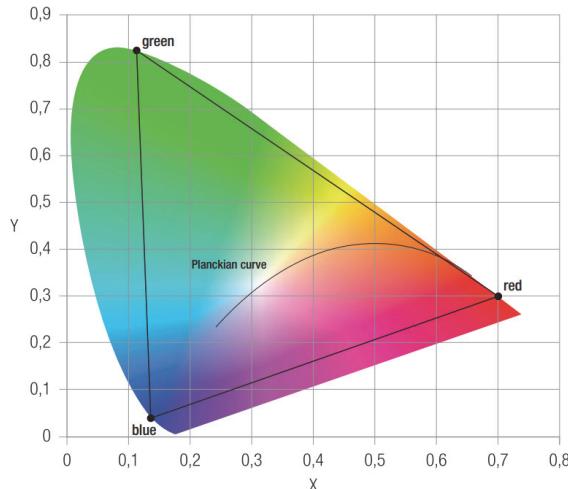


RGB chromaticity diagram

Colour	Dominant Wavelength (nm)
Red	625
Green	525
Blue	465

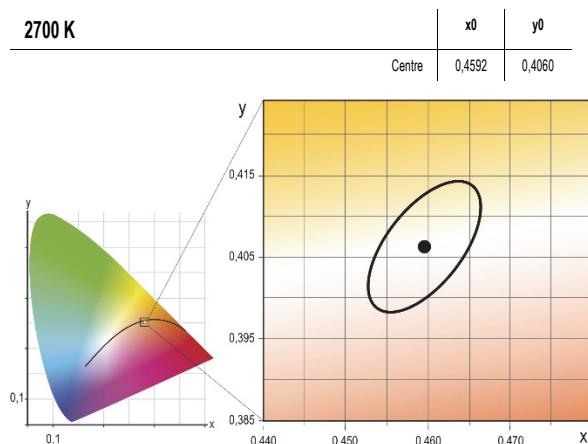


Photometric Code (according to EN 62717)

1st digit		2nd + 3rd digit	4th digit	5th digit	6th digit
Code	CRI	Colour temperature in Kelvin x 100	Initial MacAdam ellipse SDCM	Maintained MacAdam ellipse SDCM after 25% of the lifetime (6000 h)	Lumen maintenance after 25% of the lifetime (6000 h)
7	67 - 76				Code
8	77 - 86				Light Output
9	87 - ≥90				7 ≥ 70 %
					8 ≥ 80 %
					9 ≥ 90 %

Chromaticity coordinates and tolerances (according to CIE 1931)

White Tone	CCT	Photometric Code
Incandescent	2700 K	927 / 349

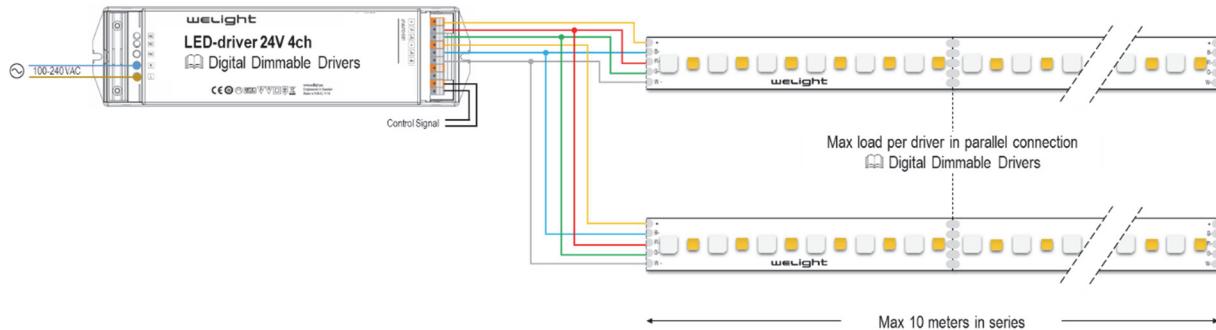


The specified colour coordinates are measured by a current impulse with nominal values of module after a settling time of 100 msec. The ambient temperature of the measurement is $t_a = 25^\circ\text{C}$. The measurement tolerance of the colour coordinates are ± 0.01 .

Wiring

Each reel of LED-tape is delivered with colour coded connection cable L=350mm, 5x0,5 mm². Do not connect more than 10 meters of the LED-tape in series and make sure that the voltage is ≥24V at the beginning of the LEDtape. When connecting several sections in parallel please refer to the table *Driver & Control Systems* for the allowed total length connected to one controller/dimmer.

Cable Colour	Function	Driver Output
YELLOW	+ Common	+
RED	- Red	1 -
GREEN	- Green	2 -
BLUE	- Blue	3 -
WHITE	- White 2700K	4 -



ACCESSORIES

Digital Dimmable Drivers

Welight offers a range of suitable LED-drivers especially designed for RGBW applications.



Control Signal	Art. Code	Driver Type	LEDtape RGBW (max length)
DALI	W7101	LEDdriver LCV 100W 24V 1-4CH DALI SR	5 meter
KNX	W7102	LEDdriver LCV 100W 24V 1-4CH KNX SR	5 meter
DMX	W7103	LEDdriver LCV 100W 24V 1-4CH DMX SR	5 meter

Connection accessories



1

2

Suitable for LEDtape

Type	Art. Code	Description	HE	HE IP	HO
1 LEDAccessory IP Assembly Kit 10	W8901	End Caps, Mounting Brackets & Silicon (one kit is included on delivery)	○	●	○
2 LEDtape Accessory IP Clips 100-pack	W8902	Plastic mounting clips for all IP65-rated LEDtapes, 100 pcs per bag.	○	●	○

SAFETY INSTRUCTIONS

- EN** Read these instructions carefully before starting the installation and save for future reference. All connections to the device must be made by a qualified electrician or person with the necessary expertise in electrical installation in accordance with relevant rules and standards. Make sure that the mains voltage is disconnected before installation or maintenance.
- SE** Läs dessa instruktioner innan installationen påbörjas och lämna dem vidare till brukaren av anläggningen. All anslutning till enheten får endast utföras av behörig elektriker eller person med kännedom om elektrisk installation i enlighet med gällande regler och standard. Se till att spänningen är frånslagen före installation eller underhåll.
- FI** Lue nämä ohjeet ennen asentamista ja luovuta ohjeet valaisimen seuraavalle käyttäjälle. Kytkennät ohjaimeen saa tehdä ainoastaan pätevä sähköasentaja tai sähköasennukset hallitseva henkilö voimassa olevien määärysten ja standardien mukaisesti. Varmista, että jännite on kytetty päältä ennen asennusta ja huoltoa.
- NO** Les disse instruksjonene før du starter installeringen, og gi den deretter videre til anleggets bruker. All tilkobling til enheten skal utføres av godkjent elektriker eller person med nødvendig kunnskap om elektrisk installasjon i henhold til gjeldende forskrifter og standard. Sørg for at strømmen er koblet fra før installering og ved vedlikehold.
- DK** Læs disse anvisninger før du starter installationen og aflever vejledningen til anlæggets bruger. Alle tilslutninger på enheden skal udføres af en autoriseret elinstallatør i overensstemmelse med gældende regler og standarder. Afbryd spænding før installation og vedligeholdelse.