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## SubstiTUBE Advanced Ultra Output<sup>4,5,6</sup> - High performance LED tubes for electromagnetic control gears, shatterproof

Product name	GTIN (EAN)												
<b>SubstiTUBE Advanced Ultra Output</b>													
ST8AU-EM 15.1 W/3000K 1200 mm	4058075136298	G13	1212	15.1	2250	149	3000	190	83	60000	A++	1	1
ST8AU-EM 15.1 W/4000K 1200 mm	4058075136311	G13	1212	15.1	2500	165	4000	190	83	60000	A++	1	1
ST8AU-EM 15.1 W/6500K 1200 mm	4058075136335	G13	1212	15.1	2500	165	6500	190	83	60000	A++	1	1
<b>SubstiTUBE Advanced Ultra Output</b>													
ST8AU-EM 22.4 W/3000K 1500 mm	4058075136359	G13	1513	22.4	3330	148	3000	190	83	60000	A++	1	1
ST8AU-EM 22.4 W/4000K 1500 mm	4058075136373	G13	1513	22.4	3700	165	4000	190	83	60000	A++	1	1
ST8AU-EM 22.4 W/6500K 1500 mm	4058075136397	G13	1513	22.4	3700	165	6500	190	83	60000	A++	1	1

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 63 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology

## SubstiTUBE Advanced<sup>4,5,6</sup> - High performance LED tubes for electromagnetic control gears, shatterproof

Product name	GTIN (EAN)												
<b>SubstiTUBE Advanced</b>													
ST8A-EM 7.3 W/4000K 600 mm	4058075136410	G13	603	7.3	1100	150	4000	190	83	50000	A++	1	1
ST8A-EM 7.3 W/6500K 600 mm	4058075136434	G13	603	7.3	1100	150	6500	190	83	50000	A++	1	1
<b>SubstiTUBE Advanced</b>													
ST8A-EM 11.3 W/4000K 900 mm	4058075136458	G13	908	11.3	1700	150	4000	190	83	50000	A++	1	1
<b>SubstiTUBE Advanced</b>													
ST8A-EM 14 W/4000K 1200 mm	4058075136496	G13	1212	14	2100	150	4000	190	83	50000	A++	1	1
ST8A-EM 14 W/6500K 1200 mm	4058075136519	G13	1212	14	2100	150	6500	190	83	50000	A++	1	1
<b>SubstiTUBE Advanced</b>													
ST8A-EM 20.6 W/4000K 1500 mm	4058075136533	G13	1513	20.6	3100	150	4000	190	83	50000	A++	1	1
ST8A-EM 20.6 W/6500K 1500 mm	4058075136557	G13	1513	20.6	3100	150	6500	190	83	50000	A++	1	1

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology

<sup>1</sup> L70/B50 | <sup>2</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | <sup>3</sup> You will find further information and the exact guarantee terms and conditions at [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) | <sup>4</sup> When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | <sup>5</sup> Not suitable for operation with electronic control gear. | <sup>6</sup> Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.



## SubstiTUBE Value<sup>4,5,6</sup> - Economic LED tubes for electromagnetic control gears

Product name	GTIN (EAN)											
<b>SubstiTUBE Value</b>												
ST8V-EM 7.6 W/3000K 600 mm EM	4058075024618	G13	603	7.6	720	94	3000	190	≥80	30000	A+	1
ST8V-EM 7.6 W/4000K 600 mm EM	4058075024632	G13	603	7.6	800	105	4000	190	≥80	30000	A+	1
ST8V-EM 7.6 W/6500K 600 mm EM	4058075024656	G13	603	7.6	800	105	6500	190	≥80	30000	A+	1
<b>SubstiTUBE Value</b>												
ST8V-EM 16.2 W/3000K 1200 mm EM	4058075024670	G13	1212	16.2	1530	94	3000	190	≥80	30000	A+	1
ST8V-EM 16.2 W/4000K 1200 mm EM	4058075024694	G13	1212	16.2	1700	104	4000	190	≥80	30000	A+	1
ST8V-EM 16.2 W/6500K 1200 mm EM	4058075024717	G13	1212	16.2	1700	104	6500	190	≥80	30000	A+	1
<b>SubstiTUBE Value</b>												
ST8V-EM 19.1 W/3000K 1500 mm EM	4058075024731	G13	1513	19.1	1800	94	3000	190	≥80	30000	A+	1
ST8V-EM 19.1 W/4000K 1500 mm EM	4058075024755	G13	1513	19.1	2000	104	4000	190	≥80	30000	A+	1
ST8V-EM 19.1 W/6500K 1500 mm EM	4058075024779	G13	1513	19.1	2000	104	6500	190	≥80	30000	A+	1

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology

## SubstiTUBE Start - Starter for SubstiTUBE EM (CCG)

Product name	GTIN (EAN)	
<b>SubstiTUBE Start</b>		
SUBSTITUBE LED	4058075013674	2

- Extremely break resistant thanks to cover made of polycarbonate
- Mercury-free and RoHS compliant

<sup>1</sup> L70/B50 | <sup>2</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | <sup>3</sup> You will find further information and the exact guarantee terms and conditions at [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) | <sup>4</sup> When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | <sup>5</sup> Not suitable for operation with electronic control gear. | <sup>6</sup> Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.



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## SubstiTUBE Advanced UO UN<sup>4,5</sup> - LED tubes for electronic and electromagnetic control gears, shatterproof

Product name	GTIN (EAN)												
<b>SubstiTUBE Advanced UO UN</b>													
ST8AU-UN 15 W/4000K 1200 mm	4058075137769	G13	1200	15	2400	160	4000	160	83	60000	A++		
<b>SubstiTUBE Advanced UO UN</b>													
ST8AU-UN 23 W/4000K 1500 mm	4058075137806	G13	1500	23	3700	160	4000	160	83	60000	A++		
ST8AU-UN 23 W/6500K 1500 mm	4058075137820	G13	1500	23	3700	160	6500	160	83	60000	A++		

- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- Easy installation
- No bending thanks to glass technology

## SubstiTUBE Advanced UN<sup>4,5</sup> - LED tubes for electronic and electromagnetic control gears

Product name	GTIN (EAN)												
<b>SubstiTUBE Advanced UN</b>													
ST8A-UN 7.5 W/4000K 600 mm	4058075137608	G13	600	7.5	1100	146	4000	160	83	50000	A++		
<b>SubstiTUBE Advanced UN</b>													
ST8A-UN 14 W/3000K 1200 mm	4058075137646	G13	1200	14	1900	135	3000	160	83	50000	A++		
ST8A-UN 14 W/4000K 1200 mm	4058075137660	G13	1200	14	2100	150	4000	160	83	50000	A++		
ST8A-UN 14 W/6500K 1200 mm	4058075137684	G13	1200	14	2100	150	6500	160	83	50000	A++		
<b>SubstiTUBE Advanced UN</b>													
ST8A-UN 20 W/4000K 1500 mm	4058075137721	G13	1500	20	3100	155	4000	160	83	50000	A++		
ST8A-UN 20 W/6500K 1500 mm	4058075137745	G13	1500	20	3100	155	6500	160	83	50000	A++		

- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- Easy installation
- No bending thanks to glass technology













Operation on ECG: please check compatibility at [www.ledvance.com/ecg-compatibility](http://www.ledvance.com/ecg-compatibility)

<sup>1</sup> L70/B50 | <sup>2</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | <sup>3</sup> You will find further information and the exact guarantee terms and conditions at [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) | <sup>4</sup> When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | <sup>5</sup> Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.



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SubstiTUBE Value UN<sup>4,5</sup> - LED tubes for electronic and electromagnetic control gears

Product name	GTIN (EAN)												
<b>SubstiTUBE Value UN</b>													
ST8V-UN 8 W/3000K 600 mm	4058075137400	G13	600	8	720	90	3000	160	≥80	30000	A+	1	1
ST8V-UN 8 W/4000K 600 mm	4058075137424	G13	600	8	800	100	4000	160	≥80	30000	A+	1	1
ST8V-UN 8 W/6500K 600 mm	4058075137448	G13	600	8	800	100	6500	160	≥80	30000	A+	1	1
<b>SubstiTUBE Value UN</b>													
ST8V-UN 16 W/3000K 1200 mm	4058075137462	G13	1200	16	1550	96	3000	160	≥80	30000	A+	1	1
ST8V-UN 16 W/4000K 1200 mm	4058075137486	G13	1200	16	1700	106	4000	160	≥80	30000	A+	1	1
ST8V-UN 16 W/6500K 1200 mm	4058075137509	G13	1200	16	1700	106	6500	160	≥80	30000	A+	1	1
<b>SubstiTUBE Value UN</b>													
ST8V-UN 19 W/3000K 1500 mm	4058075137523	G13	1500	19	1800	94	3000	160	≥80	30000	A+	1	1
ST8V-UN 19 W/4000K 1500 mm	4058075137547	G13	1500	19	2000	105	4000	160	≥80	30000	A+	1	1
ST8V-UN 19 W/6500K 1500 mm	4058075137561	G13	1500	19	2000	105	6500	160	≥80	30000	A+	1	1

- Also suitable for operation at low temperatures
- Easy installation
- No bending thanks to glass technology

<sup>1</sup> L70/B50 | <sup>2</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | <sup>3</sup> You will find further information and the exact guarantee terms and conditions at [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) | <sup>4</sup> When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | <sup>5</sup> Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.



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## SubstiTUBE T5 UN<sup>4,5,6</sup> - LED tubes for electronic and electromagnetic control gears

Product name	GTIN (EAN)												
<b>SubstiTUBE T5 HO UN</b>													
ST5HO-UN 26 W/3000K 1149 mm	4058075137905	G5	1149	26	3600	138	3000	160	83	60000	A++	1	1
ST5HO-UN 26 W/4000K 1100 mm	4058075137929	G5	1149	26	4000	153	4000	160	83	60000	A++	1	1
ST5HO-UN 37 W/4000K 1400 mm	4058075137868	G5	1449	37	5600	151	4000	160	83	60000	A++	1	1
ST5HO-UN 26 W/4000K 1400 mm	4058075137981	G5	1449	26	4000	153	4000	160	83	60000	A++	1	1
ST5HO-UN 37 W/6500K 1400 mm	4058075137882	G5	1449	37	5600	151	6500	160	83	60000	A++	1	1
<b>SubstiTUBE T5 HE UN</b>													
ST5HE-UN 7 W/3000K 549.0 mm	4058075138209	G5	549	7	900	128	3000	160	83	60000	A++	1	1
ST5HE-UN 7 W/4000K 500 mm	4058075138223	G5	549	7	1000	142	4000	160	83	60000	A++	1	1
ST5HE-UN 7 W/6500K 500 mm	4058075138247	G5	549	7	1000	142	6500	160	83	60000	A++	1	1
ST5HE-UN 10 W/3000K 849.0 mm	4058075138148	G5	849	10	1350	135	3000	160	83	60000	A++	1	1
ST5HE-UN 10 W/4000K 800 mm	4058075138162	G5	849	10	1500	150	4000	160	83	60000	A++	1	1
ST5HE-UN 10 W/6500K 800 mm	4058075138186	G5	849	10	1500	150	6500	160	83	60000	A++	1	1
ST5HE-UN 17 W/3000K 1149 mm	4058075138087	G5	1149	17	2350	138	3000	160	83	60000	A++	1	1
ST5HE-UN 17 W/4000K 1100 mm	4058075138100	G5	1149	17	2600	152	4000	160	83	60000	A++	1	1
ST5HE-UN 17 W/6500K 1100 mm	4058075138124	G5	1149	17	2600	152	6500	160	83	60000	A++	1	1
ST5HE-UN 18 W/3000K 1449 mm	4058075138025	G5	1449	18	2550	141	3000	160	83	60000	A++	1	1
ST5HE-UN 18 W/4000K 1400 mm	4058075138049	G5	1449	18	2800	155	4000	160	83	60000	A++	1	1
ST5HE-UN 18 W/6500K 1400 mm	4058075138063	G5	1449	18	2800	155	6500	160	83	60000	A++	1	1

- No bending thanks to glass technology
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks

Operation on ECG: please check compatibility at [www.ledvance.com/ecg-compatibility](http://www.ledvance.com/ecg-compatibility)

<sup>1</sup> L70/B50 | <sup>2</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | <sup>3</sup> You will find further information and the exact guarantee terms and conditions at [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) | <sup>4</sup> When used to replace a T5 fluorescent lamp, the total energy efficiency and light distribution depends on the design of the lighting system. | <sup>5</sup> Not suitable for operation with conventional control gear | <sup>6</sup> Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.