



Architect: Architectenbureau Visser en Bouwman B.V.



Great signs for great brands

Koledo Affinium LED string system, combines easy installation with guaranteed brand identity benefits for your customers' channel letters.

Great signs for great brands

As a signmaker or reseller, you know that your job is to enhance and protect your customers' brands. They want signs that look great and keep working perfectly over long periods. The Koledo Affinium LED string is designed to guarantee this, enabling you to protect your customers' brands by offering an easy-to-install Koledo Affinium LED string system, including both LED string and driver.

Big benefits for signmakers or resellers

Easy installation

Koledo Affinium LED string is very flexible and can be cut at any position and attached to your backplate with a choice of mounting clips or tape. This enables fast layouts and installation, saving you time and money.

Outdoor-proof

Both the overall Koledo Affinium LED string system and all individual components are fully outdoor-proof and have an IP66 rating, ensuring high reliability under all operating conditions.

Quality and uniformity of light

To ensure a uniform light distribution this Koledo Affinium LED string system has a broad angle of light output. The wiring is extremely flexible, allowing uniform light distribution in complex layouts and small signs. All LEDs are carefully selected from the same colour range, ensuring consistent colours between different signs to maintain your customer's corporate identity.

For large and small channel letters

The small width of the Koledo LED devices (15 mm) allows flexibility to create narrow channel letters as an alternative to conventional neon or fluorescent lighting and allows it to compete with neon even in large signs.

Tools to support you

We offer two useful tools: the Koledo Affinium LED string layout creator and a cost saving calculation tool. Please ask your Koledo representative for more information.

Quality and cost savings for the customer

Signs made with Koledo Affinium LED string system offer an outstanding solution for your customers offering a reliable, high-quality brand presentation, with significant savings on both energy and maintenance costs.

Savings in energy consumption

Energy consumption of the Koledo Affinium LED string system is around 3W per metre (e.g. for red), compared with 20W per metre for neon, allowing substantial savings.

Savings in maintenance costs

The Koledo Affinium LED string system is maintenance free for up to 50,000 hours, whereas conventional systems often need replacing after just 20,000 hours.

Guaranteed performance and service

The Koledo Affinium LED string system gives you guaranteed performance - both of the products themselves and of our pre and after-sales service. Our guarantee is based on proven system reliability.

Find out more about Koledo LED guarantee

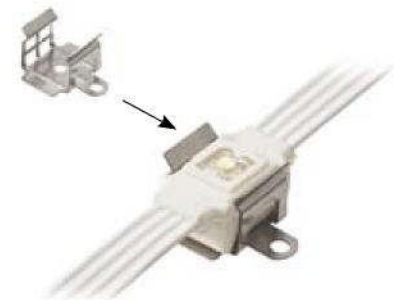
This guarantee ensures high customer satisfaction together with low service call rates for signmakers and resellers. For more information about the Koledo Affinium LED string system guarantee, visit our website, www.koledo.eu



LED Device (LD)



LED Driver Device (LDD)



Mounting clip

Specification and ordering table

Koledo Affinium LED string LP

Type	LED Power Driver	Wavelength nanometer nm	Colour temp. Kelvin K	Power mW	Lumen per device Lm	Lumen per metre Lm/m	Beam angle °	Case temp. max. °C	Ambient temp. range °C	Spacing between devices, cm min./max.	EOC 8711559
Affinium LED string lp red P10	20/60/100W	624+/-10	-	270	7	70	130	45	-20/70	7/10	763675 00
Affinium LED string lp amber P10	20/60/100W	594+/-5	-	270	4.5	45	130	45	-20/70	7/10	763699 00
Affinium LED string lp blue P10	20/60/100W	476+/-7	-	250	3.2	32	110	45	-20/70	7/10	763712 00
Affinium LED string lp green P10	20/60/100W	526+/-7	-	170	6.3	63	110	45	-20/70	7/10	763736 00
Affinium LED string lp w6300 cool white P10	20/60/100W	-	6300+/-700	170	6.4	64	110	45	-20/70	7/10	763750 00
Affinium LED string lp w3000 warm white P10	20/60/100W	-	3000+/-175	170	5.0	50	110	45	-20/70	7/10	764429 00
Affinium LED string lp w8000 bluish white*P10	20/60/100W	-	8000+/-1000	170	5.8	58	110	45	-20/70	7/10	764986 00

* available per special order

Quantities of LEDs per driver (for up to three branches)**

No extra wire

Affinium LED string	max no. of LEDs	LED Power Driver		
		20W	60W	100W
red	per driver ¹	80	240	380
	per branch ²	80	130	130
amber	per driver ¹	75	235	370
	per branch ²	75	130	130
blue	per driver ¹	100	290	450
	per branch ²	95	140	140
green	per driver ¹	120	344	536
	per branch ²	112	180	180
white (cool, warm and bluish)	per driver ¹	120	344	536
	per branch ²	112	180	180

** if you want to apply more than 3 branches, please contact your local Philips office

Note:

per driver¹ the nr. of LEDs divided over the branches may not be exceeded and per branch² if more branches (up to 3) are used the nr. of LEDs per branch may not be exceeded

Ordering table

Accessories	Box packaging Qty	EOC
LS Mounting Clip	200 pcs	8711559 763910 30
LS Extension Cable 4W	50 mtr	8711559 763934 00
LS Connector Xtend	10 pcs	8727900 880885 00
LS Connector End Cap	10 pcs	8727900 880892 00
LS Mounting Tape 210 pads	1 reel	8711559 764016 00
LS Mounting Tape 1680 pads	1 reel	8711559 764030 00

LED Power Drivers

Type	Qty/ outer box	EOC
LED Power Driver 100-240V 20W-24V	10	8711559 911940 30
LED Power Driver 100-240V 60W-24V	10	8711559 911469 30
LED Power Driver 100-240V 100W-24V	10	8711559 911964 30

For more information, visit www.Koledo.eu

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