

+24V 0V
UL10 UL11 UL12 UL13 UL14
RL10 RL11 RL12 RL13 RL14
FUTUROLUCE
MODULED-150-5830

+24V 0V
UL8 UL9 UL10 UL11 UL12 UL13 UL14
RL8 RL9 RL10 RL11 RL12 RL13 RL14
FUTUROLUCE
MODULED-160-3020

+24V 0V
UL5 UL6 UL7 UL8
RL5 RL6 RL7 RL8
FUTUROLUCE
MODULED-75-6880

+24V 0V
UL3 UL4 UL5 UL6
RL3 RL4 RL5 RL6
FUTUROLUCE
MODULED-075-3020

MODULED

APPLICATIONS

The linear modules of the Moduled series have been designed for the functional lighting of ceiling grooves and wall alcoves, and for the accent lighting of any indoor situation. The different luminous flux configurations make the product extremely versatile and therefore able to be used in many applications. The chromatic selection in the different colour temperatures combined with the excellent design of the product make it irreplaceable for architects and lighting designers.



FEATURES

Modules interconnection with specific microconnector

High reliable electrical interconnection

ANSI compliant binning, 2 step MacAdams ellipse for each individual lot

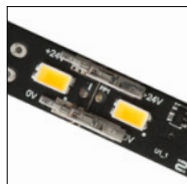
Excellent lumen maintenance and colour stability over time

Extensive dimming range - fully dimmable, with external dimmer

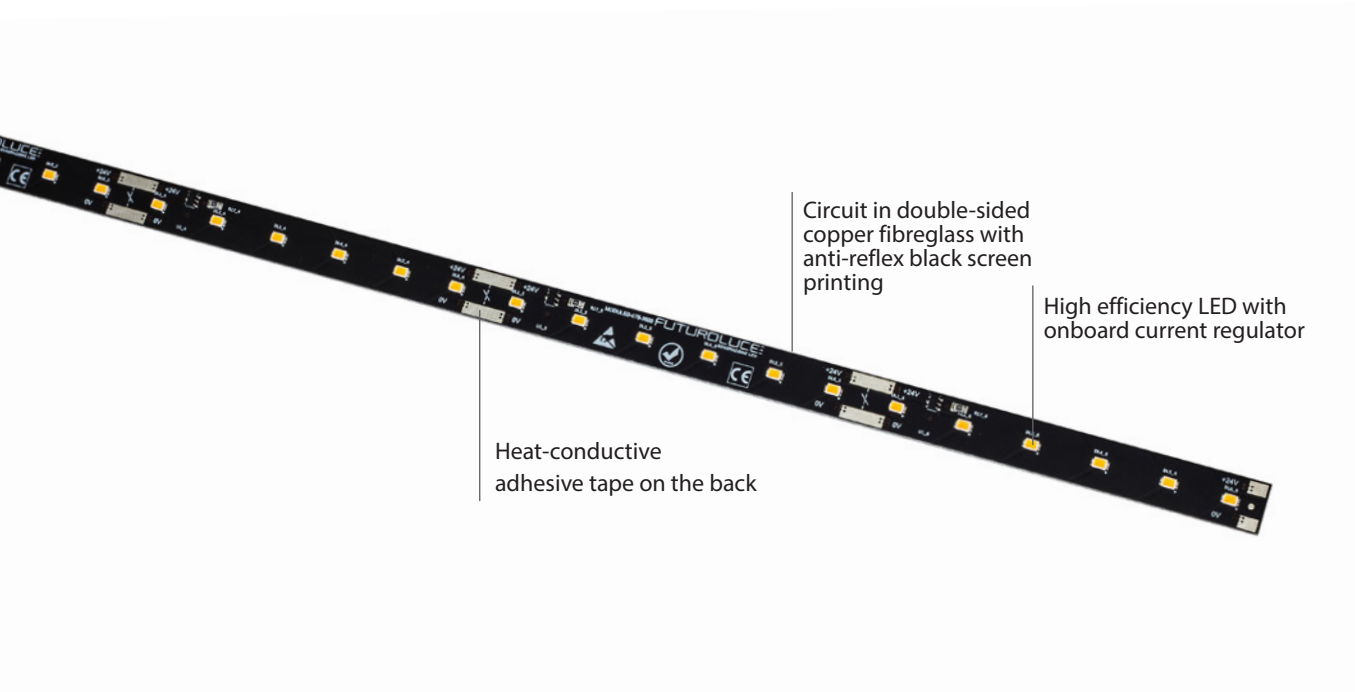
IP20 protection rating

Long life and low maintenance costs

Ecological and recyclable, no disposal restrictions



Microconnector



SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	75 x Seoul 3020
Total lumen output (at 85°C)	Up to a 1500 lm/m
Beam angle	120°
Colour temperature	2300 - 2700 - 3000 - 4000 - 5500 K
Binning	2 step MacAdam ellipses
CRI	>90 (2700 - 3000 K), >85 (4000 K), >80 (2300 - 5500 K)
Other colours	n.a.

Electrical

Supply type	Constant voltage
Supply value	24 Vdc
Current	0,5 A/m
Maximum power consumption	12 W/m

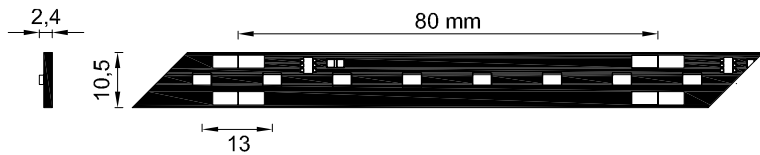
Physical

Length	80 mm
Protection rating	IP20
Class	III
Weight	50 g/m
Dimensions	See technical drawing
Operating temperature range	-40 / +70°
MTBF (LM80)	50.000 hrs
Mounting	Any position
ESD Protection	±2000 V
Notes	Thermo-conductive adhesive tape on the back, on board current regulator

MDL-0753020080

TECHNICAL DRAWING

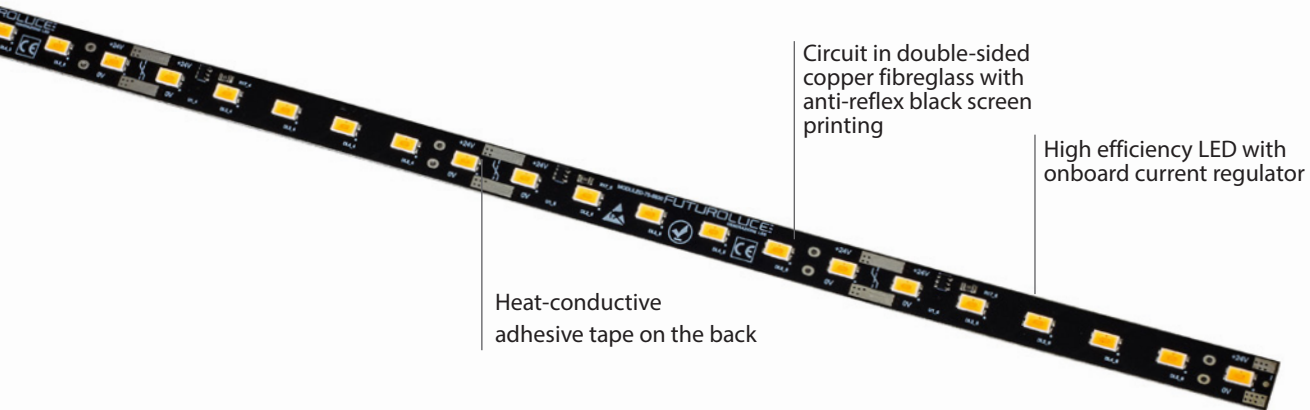
1:1 SCALE



HOW TO ORDER

Model	LED nr./m	LED type	Minimum cut	Colour
MDL	075	3020	080	□□□
MDL MODULED	075 75 LED/m	3020 Seoul 3020	080 80 mm	K27 Warm white 2700K K30 Warm white 3000K K35 Warm white 3500K K40 Neutral white 4000K K55 Cold white 5500K

Order code example: MDL-0753020080K23



SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	75 x Seoul 5630
Total lumen output (at 85°C)	Up to 1700 lm/m
Beam angle	120°
Colour temperature	2300 - 2700 - 3000 - 4000 - 5500 K
Binning	2 step MacAdam ellipses
CRI	>90 (2700 - 3000 K), >85 (4000 K), >80 (2300 - 5500 K)
Other colours	n.a.

Electrical

Supply type	Constant voltage
Supply value	24 Vdc
Current	0,75 A/m
Maximum power consumption	18 W/m

Physical

Lenght	80 mm
Protection rating	IP20
Class	III
Weight	50 g/m
Dimensions	See technical drawing
Operating temperature range	-40 / +70°
MTBF (LM80)	50.000 hrs
Mounting	Any position
ESD Protection	±2000 V
Notes	Thermo-conductive adhesive tape on the back, on board current regulator

MDL-0755630080

TECHNICAL DRAWING

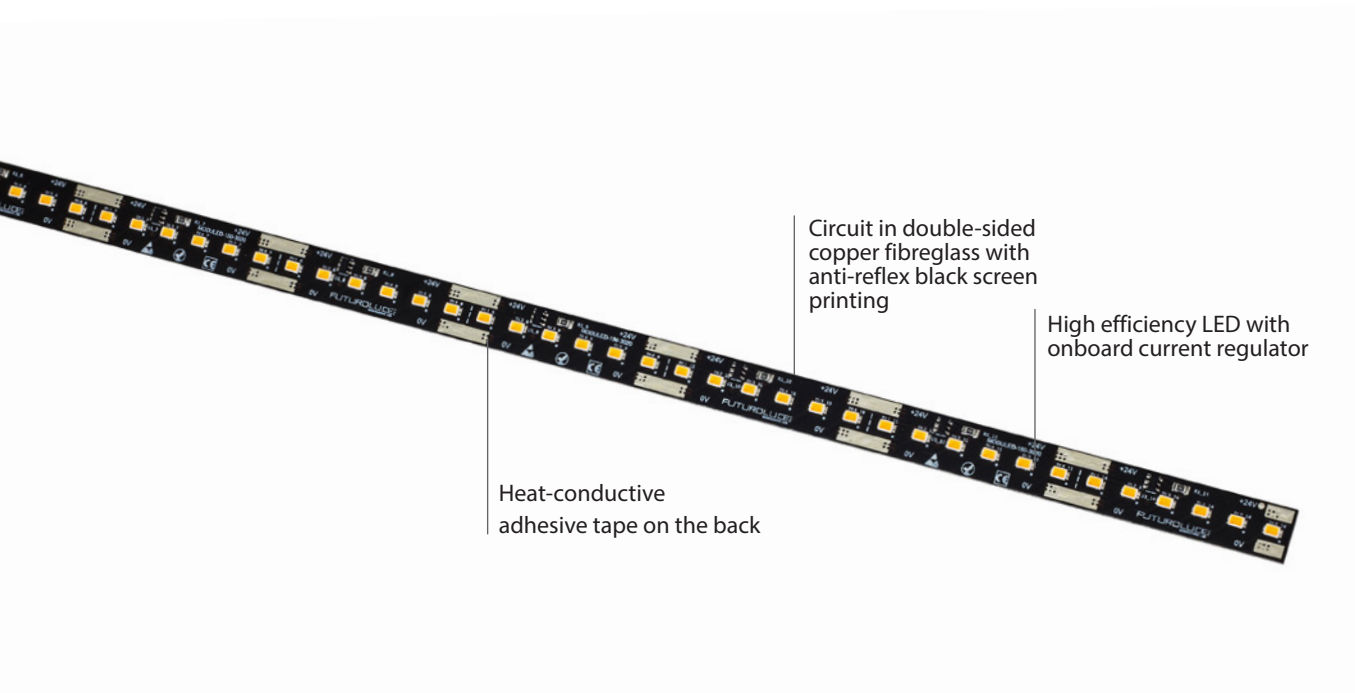
1:1 SCALE



HOW TO ORDER

Model	LED nr./m	LED type	Minimum cut	Colour
MDL	075	5630	080	□□□
MDL MODULED	075 75 LED/m	5630 Seoul 5630	080 80 mm	K27 Warm white 2700K K30 Warm white 3000K K40 Neutral white 4000K K55 Cold white 5500K

Order code example: MDL-0755630080K30



SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	150 x Seoul 3020
Total lumen output (at 85°C)	Up to 2300 lm/m
Beam angle	120°
Colour temperature	2300 - 2700 - 3000 - 4000 - 5500 K
Binning	2 step MacAdam ellipses
CRI	>90 (2700 - 3000 K), >85 (4000 K), >80 (2300 - 5500 K)
Other colours	n.a.

Electrical

Supply type	Constant current
Supply value	24 Vdc
Current	24 W/m
Maximum power consumption	1 A/m

Physical

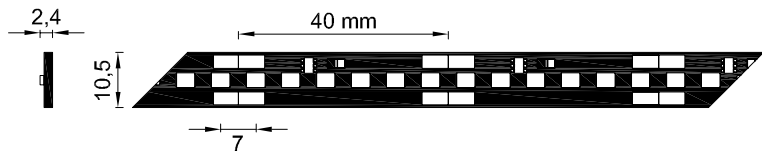
Length	40 mm
Protection rating	IP20
Class	III
Weight	50 g/m
Dimensions	See technical drawing
Operating temperature range	-40 / +70°
MTBF (LM80)	50.000 hrs
Mounting	Any position
ESD Protection	±2000 V

Notes Thermo-conductive adhesive tape on the back, on board current regulator

MDL-1503020040

TECHNICAL DRAWING

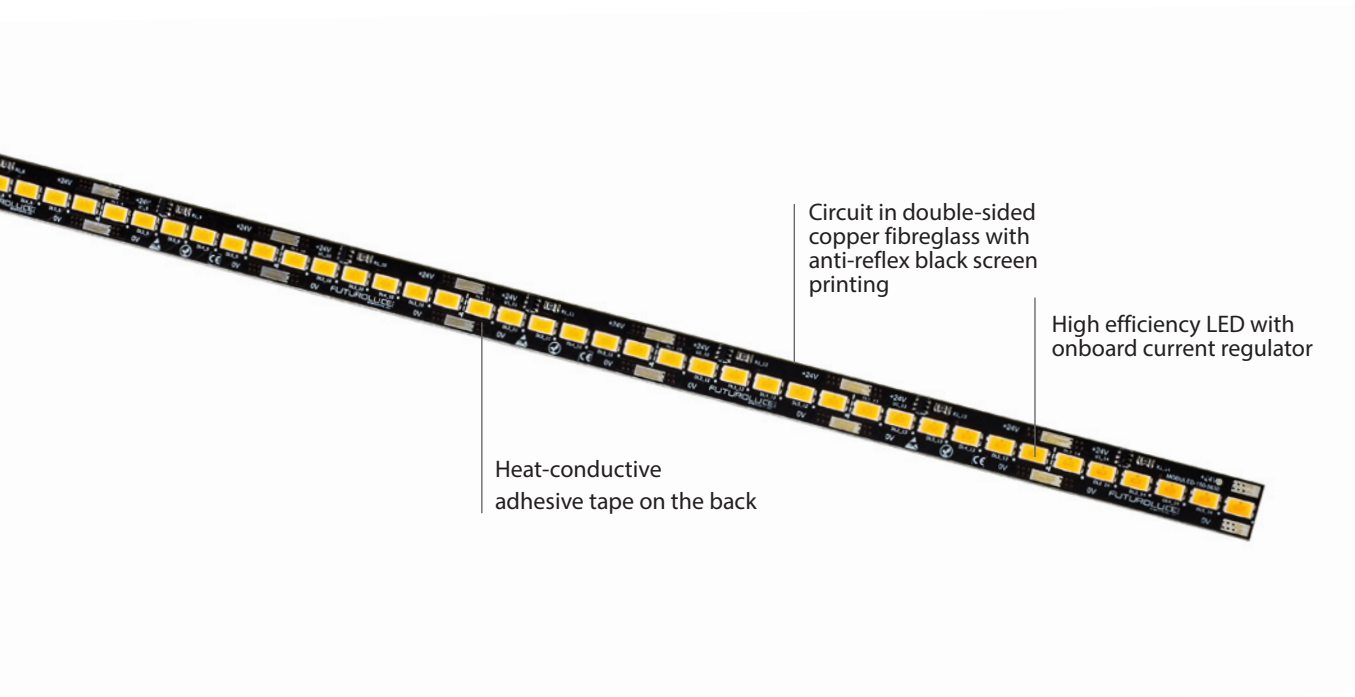
1:1 SCALE



HOW TO ORDER

Model	LED nr./m	LED type	Minimum cut	Colour
MDL	150	3020	040	□□□
MDL MODULED	150 150 LED/m	3020 Seoul 3020	040 40 mm	K23 Warm white 2300K K27 Warm white 2700K K30 Warm white 3000K K40 Neutral white 4000K K55 Cold white 5500K

Order code example: MDL-1503020040K55



SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	150 x Seoul 5630
Total lumen output (at 85°C)	Up to 3400 lm/m
Beam angle	120°
Colour temperature	2300 - 2700 - 3000 - 4000 - 5500 K
Binning	2 step MacAdam ellipses
CRI	>90 (2700 - 3000 K), >85 (4000 K), >80 (2300 - 5500 K)
Other colours	n.a.

Electrical

Supply type	Constant voltage
Supply value	24 Vdc
Current	1,5 A/m
Maximum power consumption	36 W/m

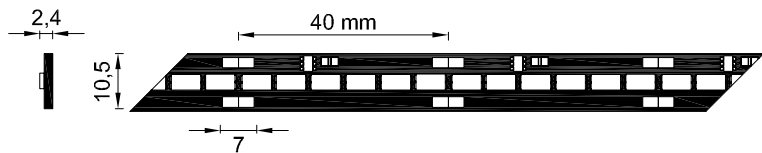
Physical

Lenght	40 mm
Protection rating	IP20
Class	III
Weight	50 g/m
Dimensions	See technical drawing
Operating temperature range	-40 / +70°
MTBF (LM80)	50.000 hrs
Mounting	Any position
ESD Protection	±2000 V
Notes	Thermo-conductive adhesive tape on the back, on board current regulator

MDL-1505630040

TECHNICAL DRAWING

1:1 SCALE



HOW TO ORDER

Model	LED nr./m	LED type	Minimum cut	Colour
MDL	150	5630	040	
MDL MODULED	150 150 LED/m	5630 Seoul 5630	040 40 mm	K27 Warm white 2700K K30 Warm white 3000K K40 Neutral white 4000K K55 Cold white 5500K

Order code example: MDL-1505630040K40