HARMONY
Energy Lighting Solutions

LED LINEAR PROFILE SYSTEM

Lineset 100

Product code: 10 01 LN LS 001



Lineset 100 is a linear LED system with a 55 × 81 mm aluminium profile; 500, 1000, 1500, 2000 and 3000 mm long or any custom length, at 250 or 350 mA, for surface, pendant or recessed mounting. Its prismatic diffuser gives even, low-glare light (UGR<19); IP20, Ra>80 (Ra>90 option). Used singly or in continuous runs in offices and commercial spaces; 3-year warranty.

POWER	LUMINOUS FLUX	EFFICACY
12–89 W	**772–8,864 lm**	**64–105 lm/W**

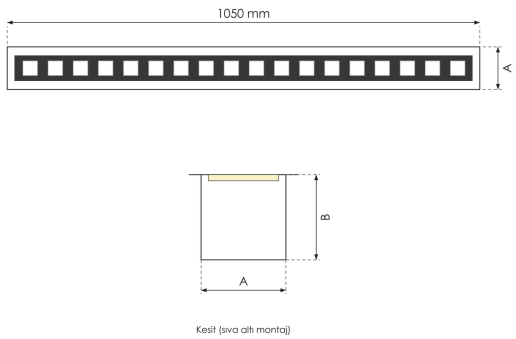
COLOUR RENDERING	IP RATING	WARRANTY
Ra > 80 / 90	**IP20**	**3 years**

IP 20 · CE · CRI>80 · CRI>90

KEY FEATURES

- Aluminium profile housing
- Acrylic with prismatic diffuser
- Electrostatic powder coated
- High-efficiency, low-glare (UGR < 19) diffuser with even light
- Surface, pendant and recessed mounting options

DIMENSIONS (MM)



TECHNICAL DATA

IP rating	IP20
LED	Samsung, Bridgelux, Lumileds
Glare	UGR < 19
Driver	Philips, Osram, Tridonic, Eaglerise, Lifud
Input voltage	220–240 V AC / 50–60 Hz
LED lifetime	50,000 h (L80B10)
Dimensions	Cross-section 55 × 81 mm; lengths 500, 1000, 1500, 2000, 3000 mm and custom
Warranty	3 years
Origin	Türkiye

Technical values are subject to a ±10% tolerance. Efficacy is calculated by dividing luminous flux by nominal power. Harmony ELS reserves the right to make changes to products without prior notice.

Harmony ELS Energy Lighting Solutions
Adnan Kahveci Mahallesi Kuştepe Caddesi Onurkent Sitesi A4 Blok No:29/D 34528 Beylikdüzü / İstanbul
+90 538 428 9559 · info@harmonyels.com · harmonyels.com

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LIGHT AND POWER OPTIONS

Code	Dimensions (mm)	Power	Current	830 3000K · Ra>80	840 4000K · Ra>80	930 3000K · Ra>90	940 4000K · Ra>90
10 01 LN LS 001-12-500	55 × 81 × 500	12 W	250 mA	922	972	772	812
10 01 LN LS 001-22-1000	55 × 81 × 1000	22 W	250 mA	1,912	2,016	1,601	1,690
10 01 LN LS 001-32-1500	55 × 81 × 1500	32 W	250 mA	2,902	3,061	2,430	2,567
10 01 LN LS 001-42-2000	55 × 81 × 2000	42 W	250 mA	3,893	4,105	3,259	3,445
10 01 LN LS 001-62-3000	55 × 81 × 3000	62 W	250 mA	5,873	6,194	4,917	5,200
10 01 LN LS 001-20	Custom length (per metre)	20 W/m	250 mA	1,980	2,089	1,658	1,755
10 01 LN LS 001-16-500	55 × 81 × 500	16 W	350 mA	1,217	1,284	1,019	1,076
10 01 LN LS 001-31-1000	55 × 81 × 1000	31 W	350 mA	2,656	2,800	2,223	2,346
10 01 LN LS 001-45-1500	55 × 81 × 1500	45 W	350 mA	4,094	4,316	3,426	3,616
10 01 LN LS 001-60-2000	55 × 81 × 2000	60 W	350 mA	5,532	5,832	4,629	4,887
10 01 LN LS 001-89-3000	55 × 81 × 3000	89 W	350 mA	8,409	8,864	7,036	7,427
10 01 LN LS 001-29	Custom length (per metre)	28.9 W/m	350 mA	2,876	3,032	2,407	2,541

Luminous flux (lm). Made to any length beyond those listed; power and luminous flux scale with the per-metre value. The colour code is added to the end of the order code (e.g. -840): the first digit is colour rendering (8 = Ra>80, 9 = Ra>90), the last two are colour temperature (30 = 3000K, 40 = 4000K).

CUSTOMISATION

DRIVER AND CONTROL

- Standard driver (on/off)
- DALI
- Wireless control

HOUSING COLOUR

- **01** White
- **03** Black
- **04** Grey
- **06** Any RAL colour

Up-to-date information and all options
https://harmonyels.com/en/product/lineset-100