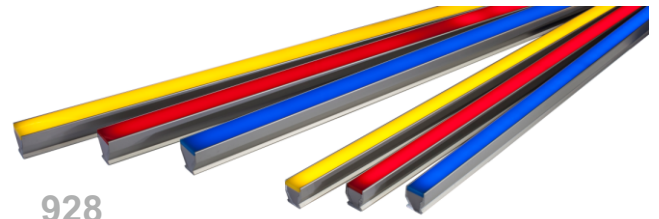


## LED Mini Profile Type 911 · 928 · 940 · 960

The **hansen LED Mini Profile** is a linear LED luminaire available in different variants. The four types described here mainly differ in their external dimensions.

These light profiles are designed for creating white or coloured illuminated lines inside and outside buildings.

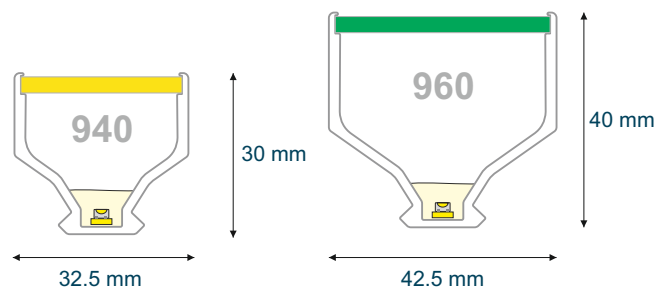
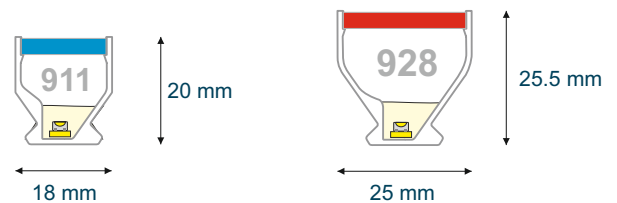
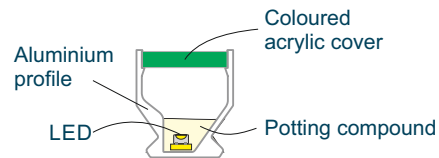
The **LED Mini Profile** is made in custom lengths and can be fitted with a choice of different LEDs.



928

911

General data:	
Type of connection	Parallel connection
Operating voltage	12 V      24 V
Power consumption	8.4 W/m    7.2 W/m
LED spacing	12 mm
Degree of protection	IP65
Class of protection	III
Ambient temperature range	-25 °C to +65 °C
Residual luminous flux	70% after 50,000 operating hours
UV resistance	Resistant
Conformity	CE, RoHS
Minimum length	300 mm (12 V)   350 mm (24 V)
Maximum length	3,000 mm



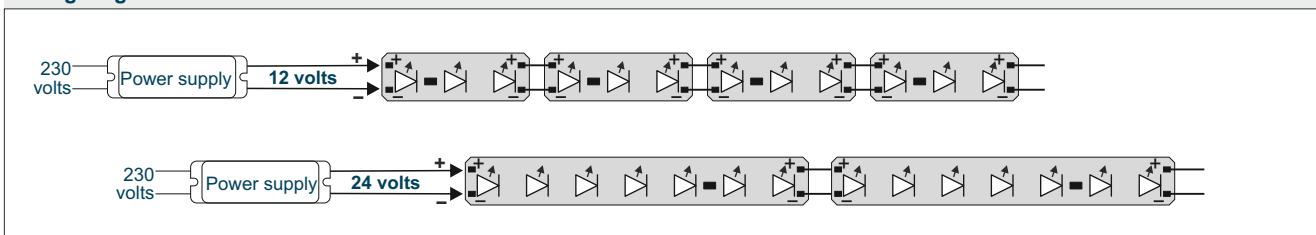
Photometric data: surface luminance in cd/m <sup>2</sup>				
Acrylic colour	Type 911	Type 928	Type 940	Type 960
White (WH02)	5,200	4,360	3,510	2,310
White (WH72)	3,860	3,390	2,720	1,713
Cream (1H02)	3,220	2,890	2,310	1,435
Yellow (1H70)	2,790	2,320	1,855	1,213
Yellow (1H74)	3,660	3,050	2,410	1,592
Orange (2H41)	1,277	1,077	860	558
Red (3H67)	225	189	154	99
Green (6H02)	1,652	1,283	1,017	706
Green (6H18)	2,200	2,030	1,603	1,095
Blue (5H22)	440	369	283	202
Blue (5H51)	298	244	186	132
Blue (5H60)	396	334	257	181

Note: Tolerance of the photometric data: +/- 10%

Aluminium profile:	
Material	AlMgSi (F22)
Anodization	Silver-grey, 15 µm
Dimensional tolerance	EN 12020-2
Thermal expansion	0.023 mm/(m K)

Material properties – PMMA (acrylic):	
Manufacturing process	Casting
Linear expansion	0.07 mm/(m K) (DIN 53752-A)
Dielectric strength	30 kV/mm (VDE 0303 Part 2)
Service temperature	-25 °C to +80 °C
Softening temperature	115 °C (ISO 306, method B 50)
Reaction to fire	Building material class B2 (DIN 4102)
Flammability	HB (UL 94)

### Wiring diagram:



All values refer to an ambient temperature of +25 °C.



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