

LED Mini Profile Type 5 & Type 220

The **hansen LED Mini Profile** is a linear LED luminaire available in different variants. The two types 5 and 220 described here mainly differ in their external dimensions.

These light profiles are designed for the floodlighting of objects as well as for the illumination of showcases, cabinets, etc.

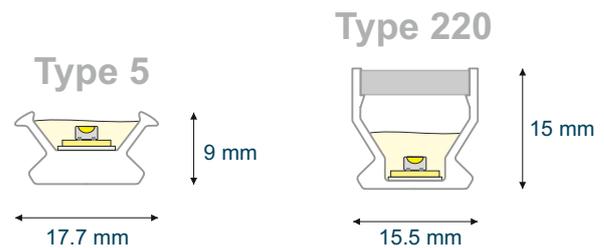
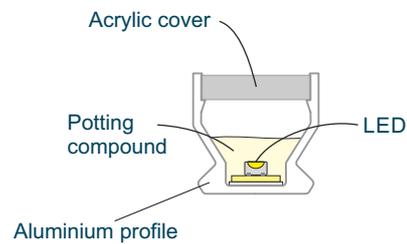
The **LED Mini Profile** is made in custom lengths and can be fitted with a choice of different LEDs.



General data:	
Type of connection	Parallel connection
Operating voltage	12 V 24 V
Power consumption	13.3 W/m 11.4 W/m
LED spacing	15 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

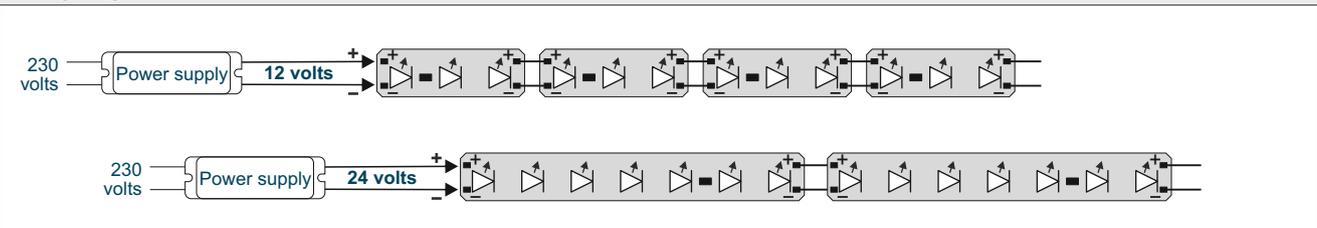
Photometric data: luminous flux type 5	
Light colour	
2,700 K	780 lm/m
3,000 K	780 lm/m
4,000 K	885 lm/m
5,000 K	960 lm/m
6,500 K	924 lm/m
Note: Tolerance of the photometric data: +/- 10%	

Photometric data: luminous flux type 220	
Light colour	
2,700 K	594 lm/m
3,000 K	594 lm/m
4,000 K	670 lm/m
5,000 K	730 lm/m
6,500 K	700 lm/m
Note: Tolerance of the photometric data: +/- 10%	



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)
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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