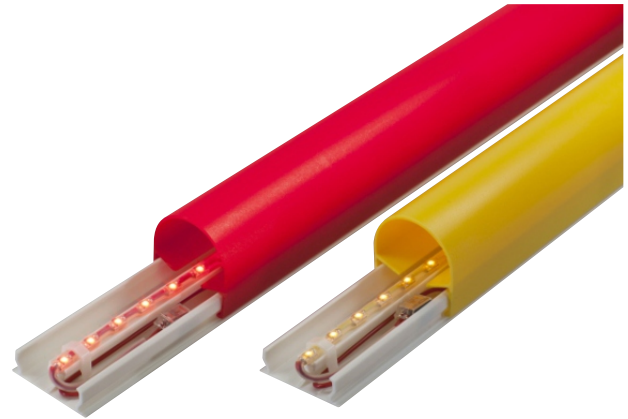


LED Facade Profile

The ***hansen*** Facade Profile is an illuminated plastic profile consisting of two parts: the upper part (cover) made of coloured acrylic (PMMA) and the lower part (base) made of white ABS plastic.

The cover is available in six different colours. The base contains the pre-installed LEDs (series-connected) and the pre-wired ***hansen*** converters.



General data:	
Mains input voltage	230 V (+/- 10%), 50/60 Hz
Input current	0.04 A/m profile length
Power consumption	4 W/m (w, bl, gr) 4,9 W/m (r, y, a)
Power factor	≥ 0.32
LED spacing	20 mm
Degree of protection	IP65
Class of protection	II
Ambient temperature range	-25 °C to +65 °C
Residual luminous flux	70% after 50,000 operating hours
Conformity	CE, RoHS
LED colours	White, blue, green, red, amber
Cover colours	White, blue, green, red, yellow, amber
Minimum length	300 mm
Maximum length	3,000 mm

Photometric data:		
Light colour	Luminous flux	Luminance ¹⁾
White 3,000 K	268 lm/m	1,044 cd/m ²
White 4,000 K	278 lm/m	1,173 cd/m ²
White 5,000 K	288 lm/m	1,272 cd/m ²
White 6,500 K	301 lm/m	1,333 cd/m ²
Blue (463–471 nm)	20 lm/m	83 cd/m ²
Green (516–534 nm)	47 lm/m	202 cd/m ²
Red (612–624 nm)	147 lm/m	650 cd/m ²
Yellow (583–592 nm)	175 lm/m	611 cd/m ²
Amber (600–609 nm)	178 lm/m	611 cd/m ²

Note: Tolerance of the photometric data: +/- 10%
¹⁾ Measured in the middle of the cover's long side

Material properties – PMMA (acrylic):	
Manufacturing process	Casting
Thickness tolerance	+/- 0.4 + (0.1 x thickness (in mm))
Linear expansion	0.07 mm/(m K) (DIN 53752-A)
Dielectric strength	30 kV/mm (VDE 0303 Part 2)
Service temperature	-20 °C to +80 °C
Softening temperature	115 °C (ISO 306, method B 50)

Reaction to fire:	
Cover (PMMA)	B2 (DIN 4102)
Base (ABS)	HB (UL 94)

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

