

FLEXLINE SURFACE 1820

NGA1820L

SPECIFICATION SHEET

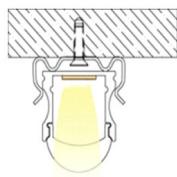
PRODUCT DESCRIPTION

A surface-mounted aluminium profile with a deep curved diffuser that narrows the beam angle to approximately 60°, creating a more focused light output. The profile is designed to minimise glare and provide consistent illumination, while also offering good thermal management. Ideal for applications requiring controlled lighting with a clean surface finish.



PRODUCT NOTES

- When selecting an LED strip for this profile, we recommend a minimum LED density of 120 LEDs/m to achieve homogeneous, dot-free illumination, depending on diffuser type.
- A minimum of 1 LED strip runs per metre is recommended to ensure uniform light distribution and eliminate shadowing.
- Diffuser light transmittance: Milky 65–70%, Opal 75%, Frost 85–90%, Clear 95%.



TECHNICAL INFORMATION

Product Code	NGA1820L
Product Group	Aluminium Profile
Installation Type	Surface
Light Distribution	Direct
Profile Material	6063-T5 Anodised Aluminium
Profile Finish	Silver / Black / White / Custom
Diffuser Material	PMMA
Diffuser Options	Opal / Milky / Frost / Clear

Profile Type	Straight
Dimensions	W 17.3 x H 20.2mm
Weight	0.255 kg/m
Max Power	15W/m
Max Strip Width	12mm
Beam Angle	60°
IP Rating	IP20
Accessories	Plastic end caps/ Mounting clips

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