

FLEXLINE SURFACE 7477

NGA7477IDN

SPECIFICATION SHEET

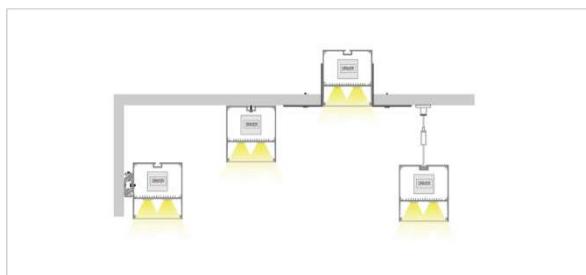
PRODUCT DESCRIPTION

A surface-mounted or suspended aluminium profile featuring a 100° beam angle and a wide diffuser for broad, uniform illumination. Its specially shaped internal chamber reduces light loss and directs light efficiently to the diffuser surface. The integrated driver compartment supports streamlined installation, and the profile can be assembled into custom shapes using 180° or 90° joiners—ideal for architectural and commercial lighting, including museum displays, marine interiors, and cabinet-integrated LED solutions.



PRODUCT NOTES

- When selecting an LED strip for this profile, we recommend a minimum LED density of 180 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: Opal 63%, Milky 75%, Frost 89%, Clear 95%, Black 20%.



TECHNICAL INFORMATION

Product Code	NGA7477IDN
Product Group	Aluminium Profile
Installation Type	Surface or Suspended
Light Distribution	Direct
Profile Material	6063-T5 Anodised Aluminium
Profile Finish	Silver / Black / White / Custom
Diffuser Material	PMMA
Diffuser Options	Opal / Milky / Frost / Clear / Black

Profile Type	Straight
Dimensions	W 74mm x H 77mm
Weight	1.298 kg/m
Max Power	14.4W/m
Max Strip Width	13mm
Beam Angle	100°
IP Rating	IP20
Accessories	Aluminum endcaps/ Wall clips/ Suspension kit/ L brackets/ Joiners

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