DayTech LED

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Tel 905-617-0298
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LED ALUMINUM PROFILE · PRODUCT SPECIFICATION

6114 Mud-In Drywall Profile

PART NO. **NL-AP-6114-2M**



SPECIFICATIONS

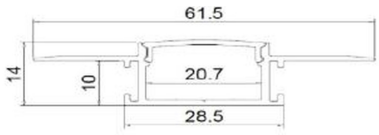
APPLICATION	Recessed, mud-in drywall
MATERIAL	6063-T5 aluminum alloy
STANDARD LENGTH	2 m
PROFILE FINISH	Silver
COVER	Frosted PC (70–90%), included
INTERNAL WIDTH	20.7 mm (PCB up to 20 mm)
DIMENSIONS	61.5 × 14 mm (flange W × H)
IP RATING	IP20 · –30 °C to +100 °C

PRODUCT OVERVIEW

The 6114 is a **recessed, trimless** aluminum profile that is plastered into drywall or ceilings. Once mudded in, the profile disappears and leaves a **seamless line of light** with no visible aluminum. It holds LED strip up to 20 mm wide behind a frosted diffuser.

CROSS SECTION

Dimensions in mm



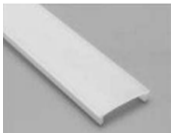
COMPONENTS & ACCESSORIES



Aluminum Profile

NL-AP-6114-2M

2 m · silver



Frosted Cover

Included

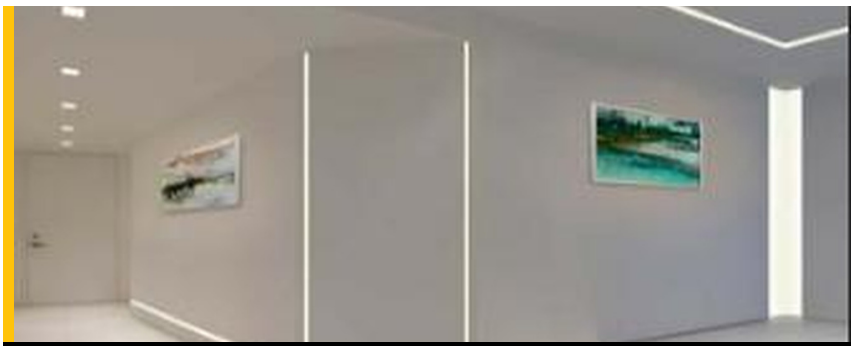
Frosted PC diffuser



End Caps

NL-AP-6114-C QTY

Polypropylene, closes profile ends



APPLICATION · SEAMLESS WALL & CEILING LINES

ORDERING INFORMATION

PART NUMBER — Includes frosted cover

NL-AP-6114-2M

FINISH	☐ Silver (Only finish)	COVER	Frosted (Included)
LENGTH	☐ 2 m std	TOTAL	M
QTY		PO #	
PROJECT			

Specifications subject to change without notice.

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LED ALUMINUM PROFILE · TECHNICAL DATA

Technical Specs & Installation

PART NO. **NL-AP-6114-2M**

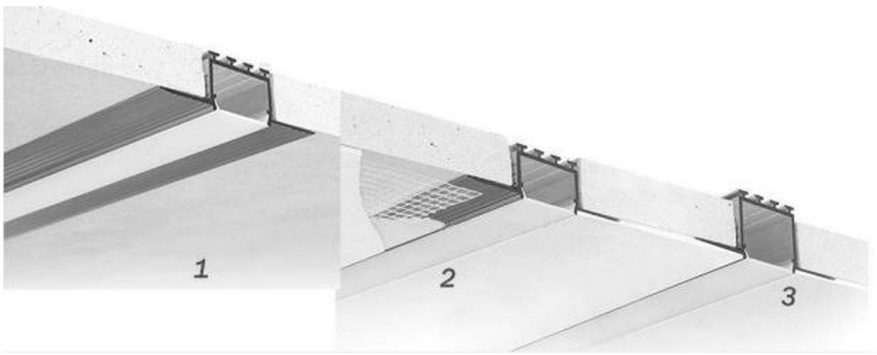
PRODUCT DETAILS

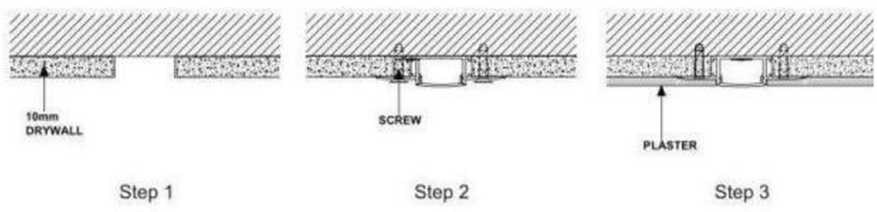
Made from high-quality 6063-T5 aluminum, the extrusion holds up to two flexible or rigid LED strips up to 20 mm wide. LEDs sit behind a polycarbonate diffuser that is UV-stable, weather-resistant and flame-retardant. Polypropylene end caps keep dust and debris off the strip to protect light output. Once plastered in, the profile disappears into the wall or ceiling, leaving a clean line of light with no visible aluminum.

TECHNICAL SPECIFICATIONS

INGRESS PROTECTION	IP20 (standard)	HEAT STABILITY	Under 100 °C
AVAILABLE LENGTH	2 m (cut to size)	FLAMMABILITY	V2 fire rating (PC cover)
BODY MATERIAL	Aluminum, 6063-T5	UL94 RATING	UL94 V2
COVER MATERIAL	Polycarbonate (PC)	UV STABILITY	Ageing resistance > 3 years
END CAP MATERIAL	Polypropylene	TOLERANCE	±0.5 mm
LIGHT TRANSMITTANCE	Frosted cover, 70–90%	ANODIZING	Ecru / sand-blast oxidation
OPERATING TEMPERATURE	–30 °C to +100 °C	SPECIFIC HEAT	880 J/(kg · °C)

INSTALLATION · MUD-IN DRYWALL





Step 1 Step 2 Step 3

STEPS

1. Cut the drywall opening to suit the profile.
2. Fix the profile with a suitable mounting adhesive or screws.
3. Apply a thin layer of adhesive to the flange and embed drywall mesh.
4. Cover with filler, then sand and paint once dry.
5. Install the LED strip, fit the frosted cover and end caps (NL-AP-6114-C).