

ARCHITECTURAL ALUMINIUM PROFILE

Architape JP-45 Indoor Luminaire Series

24VDC

IP20

MACADAM 3-STEP

5-YEAR WARRANTY

HIGH EFFICACY NICHIA

JP-45 Profile is an architectural-grade extruded aluminium profile engineered for seamless integration into joinery, coves, surface architectural accents, and ceiling details. Manufactured from high-purity 6063-T5 anodised aluminium, it delivers superior passive thermal heatsinking while ensuring dot-free light distribution with satin opal diffusers.

POWER RANGE

4.8 W/m – 9.6 W/m

LUMINOUS FLUX

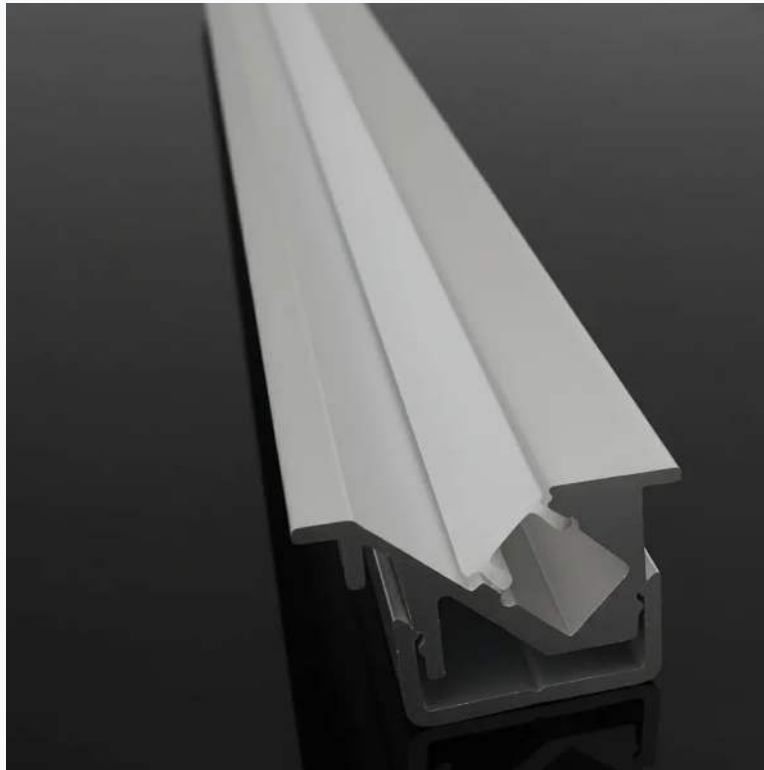
62 lm/m – 766 lm/m

DIMENSIONS (W X H)

22.3 x 11.3 mm

SERVICE LIFETIME

L90B10 > 60kh



ARCHITAPE INDOOR LUMINAIRE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



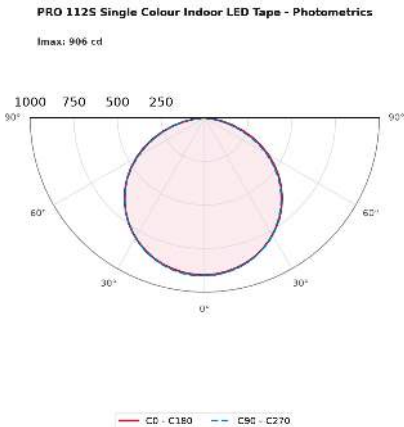
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE JP-45 INDOOR LUMINAIRE SERIES

PHOTOMETRIC DISTRIBUTION

120°



Precision optical distribution engineered for homogeneous illumination, minimal glare, and superior exterior facade grazing and accent lighting.

DIMENSIONS & PROFILE SECTION

SECTION: 22.3 X 11.3 MM



OUTER DIMENSIONS	22.3 x 11.3 mm
INGRESS PROTECTION	IP20
PROFILE MATERIAL	Extruded aluminium profile · Architectural Aluminium Profile
ENCAPSULATION / COVER	Opal

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC (Constant Voltage)
AVAILABLE WATTAGES	4.8 W/m – 9.6 W/m
COLOR CONSISTENCY	MacAdam 3-Step Ellipse (SDCM ≤ 3)
DIMMING PROTOCOLS	PWM, 0-10V, DALI-2 (DT6/DT8), Casambi
OPERATING TEMP	-25°C to +50°C
MAX CASE TEMP (TC)	Tc max 75°C
WARRANTY	5-Year System Guarantee
LED EMITTERS	Nichia High-Efficiency LEDs

SPECTRAL & FINISH OPTIONS

AVAILABLE CCT	1400K, 1600K, 1800K, 2000K, 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K, 6500K, 7000K, 8000K
COLOUR FIDELITY	CRI 90, CRI 95
OPTICAL COVERS	Opal
HOUSING COLOURS	

PART NUMBER DECODING LOGIC

[RANGE] - [TAPE] - [VOLTAGE] - [POWER] - [COLOUR] - [PROFILE] - [FINISH] - [COVER] - [EXIT] - [CABLE] - [LENGTH]

Example: AL-112-24-5-027-JP45-AL-OPA-LEC-0M2-1010
• JP-45: profile • finish • Opal cover • PRO 112S Single Colour Indoor LED Tape • 2700K • 1010 mm

INSTALLATION & CUSTOM LENGTHS

STANDARD LENGTHS	1010 mm standard · 2 tape options: PRO 112S Single Colour, PRO 175 Single Colour
CUSTOM CUTTING	Factory custom lengths down to segment pitch
CABLE ENTRY / EXITS	Side, Back, or End exit with IP67 connectors
DRIVER TYPE	Independent Class II SELV 24V / 48V

ARCHITAPE JP-45 INDOOR LUMINAIRE SERIES – STANDARD MODEL DIRECTORY

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PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
AL-112-24-5-030-JP45-AL-OPA-LEC-0M2-1010	Opal	120Å°	4.8 W/m	3000K	CRI 95	250 lm	—	PDF ↗
AL-112-24-10-030-JP45-AL-OPA-LEC-0M2-1010	Opal	120Å°	9.6 W/m	3000K	CRI 95	497 lm	—	PDF ↗
AL-175-24-5-030-JP45-AL-OPA-LEC-0M2-1010	Opal	120Å°	4.8 W/m	3000K	CRI 95	251 lm	—	PDF ↗
AL-175-24-10-030-JP45-AL-OPA-LEC-0M2-1010	Opal	120Å°	9.6 W/m	3000K	CRI 95	500 lm	—	PDF ↗