

SURFACE MOUNTED INDOOR PROFILE

# Architape A018N Indoor Luminaire Series

24VDC

IP20

MACADAM 3-STEP

5-YEAR WARRANTY

HIGH EFFICACY NICHIA

A018N is by far our thinnest fixture with a homogeneous light effect.

POWER RANGE

**4.8 W/m – 9.6 W/m**

LUMINOUS FLUX

**125 lm/m – 1,533  
lm/m**

DIMENSIONS (W X H)

**9 x 8 mm**

SERVICE LIFETIME

**L90B10 > 60kh**



ARCHITAPE INDOOR LUMINAIRE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



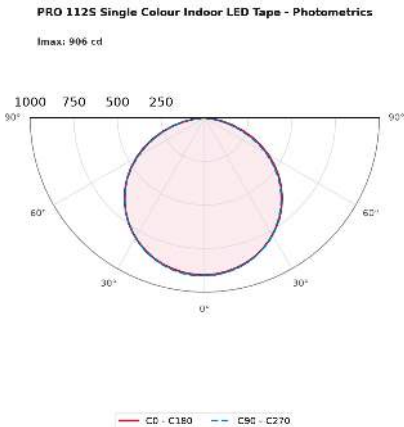
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE A018N INDOOR LUMINAIRE SERIES

PHOTOMETRIC DISTRIBUTION

120Å°



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

ELECTRICAL & SYSTEM SPECS

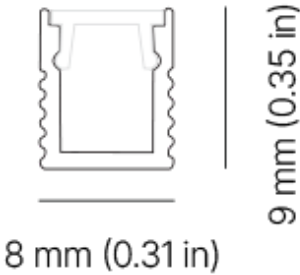
|                    |                                       |
|--------------------|---------------------------------------|
| OPERATING VOLTAGE  | 24VDC (Constant Voltage)              |
| AVAILABLE WATTAGES | 4.8 W/m – 9.6 W/m                     |
| COLOR CONSISTENCY  | MacAdam 3-Step Ellipse (SDCM ≤ 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 | Anodised grey, Black                                                                                    |

DIMENSIONS & PROFILE SECTION

SECTION: 9 X 8 MM



|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| OUTER DIMENSIONS      | 9 x 8 mm                                                                             |
| INGRESS PROTECTION    | IP20                                                                                 |
| PROFILE MATERIAL      | Extruded aluminium profile · Surface horizontal mounting / Surface vertical mounting |
| ENCAPSULATION / COVER | Opal                                                                                 |

PART NUMBER DECODING LOGIC

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

Example: AL-112-24-5-027-A018N-BK-OPA-LEC-0M2-1010

• A018N: profile · Black 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 A018N INDOOR LUMINAIRE SERIES – STANDARD MODEL  
DIRECTORY

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| PART CODE                                  | COVER | BEAM  | POWER   | CCT /<br>COLOUR | CRI    | FLUX     | FINISH           | DATASHEET             |
|--------------------------------------------|-------|-------|---------|-----------------|--------|----------|------------------|-----------------------|
| AL-112-24-5-030-A018N-BK-OPA-LEC-0M2-1010  | Opal  | 120Å° | 4.8 W/m | 3000K           | CRI 95 | 501 lm   | Black            | <a href="#">PDF ↗</a> |
| AL-112-24-5-030-A018N-AG-OPA-LEC-0M2-1010  | Opal  | 120Å° | 4.8 W/m | 3000K           | CRI 95 | 501 lm   | Anodised<br>grey | <a href="#">PDF ↗</a> |
| AL-112-24-10-030-A018N-BK-OPA-LEC-0M2-1010 | Opal  | 120Å° | 9.6 W/m | 3000K           | CRI 95 | 994 lm   | Black            | <a href="#">PDF ↗</a> |
| AL-112-24-10-030-A018N-AG-OPA-LEC-0M2-1010 | Opal  | 120Å° | 9.6 W/m | 3000K           | CRI 95 | 994 lm   | Anodised<br>grey | <a href="#">PDF ↗</a> |
| AL-175-24-5-030-A018N-BK-OPA-LEC-0M2-1010  | Opal  | 120Å° | 4.8 W/m | 3000K           | CRI 95 | 502 lm   | Black            | <a href="#">PDF ↗</a> |
| AL-175-24-5-030-A018N-AG-OPA-LEC-0M2-1010  | Opal  | 120Å° | 4.8 W/m | 3000K           | CRI 95 | 502 lm   | Anodised<br>grey | <a href="#">PDF ↗</a> |
| AL-175-24-10-030-A018N-BK-OPA-LEC-0M2-1010 | Opal  | 120Å° | 9.6 W/m | 3000K           | CRI 95 | 1,001 lm | Black            | <a href="#">PDF ↗</a> |
| AL-175-24-10-030-A018N-AG-OPA-LEC-0M2-1010 | Opal  | 120Å° | 9.6 W/m | 3000K           | CRI 95 | 1,001 lm | Anodised<br>grey | <a href="#">PDF ↗</a> |

ARCHITAPE INDOOR LUMINAIRE SERIES