

CORNER MOUNTED INDOOR PROFILE

Architape A042 Indoor Luminaire Series

24VDC / 48VDC

IP20

MACADAM 3-STEP

5-YEAR WARRANTY

HIGH EFFICACY NICHIA

A042 is a sleek corner-mounted fixture, ideal for under-cabinet, task and accent lighting.

POWER RANGE

1.2 W/m – 18.2 W/m

LUMINOUS FLUX

31 lm/m – 2,765 lm/m

DIMENSIONS (W X H)

18.7 mm

SERVICE LIFETIME

L90B10 > 60kh



ARCHITAPE INDOOR LUMINAIRE SERIES

TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



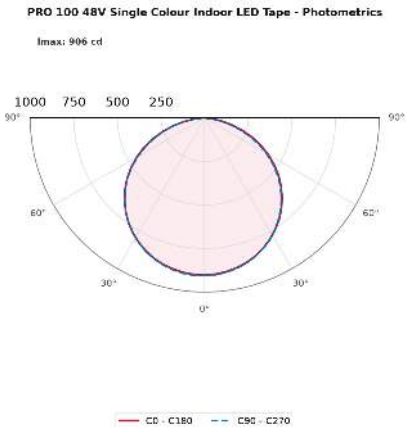
SCAN TO VIEW SERIES ONLINE

ENGINEERING, OPTICS & DIMENSIONS

ARCHITAPE A042 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: 18.7 MM



18.7 mm (0.74 in)

OUTER DIMENSIONS	18.7 mm
INGRESS PROTECTION	IP20
PROFILE MATERIAL	Extruded aluminium profile · Corner horizontal mounting
ENCAPSULATION / COVER	Clear, Opal homogeneous

ELECTRICAL & SYSTEM SPECS

OPERATING VOLTAGE	24VDC / 48VDC (Constant Voltage)
AVAILABLE WATTAGES	1.2 W/m – 18.2 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, RGB, RGBW
COLOUR FIDELITY	CRI 80, CRI 90, CRI 95
OPTICAL COVERS	Clear, Opal homogeneous
HOUSING COLOURS	Anodised grey, Black

PART NUMBER DECODING LOGIC

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

Example: AL-100-48-5-027-A042-BK-OPH-LEC-0M2-1010

• A042: profile • Black finish • Opal homogeneous cover • PRO 100 48V Single Colour Indoor LED Tape • 2700K • 1010 mm

INSTALLATION & CUSTOM LENGTHS

STANDARD LENGTHS	1010 mm standard · 12 tape options: PRO 100 48V Single Colour, PRO 100 RGB, PRO 100 Single Colour, PRO 100 TW, PRO 112S Single Colour, PRO 175 Single Colour, PRO 20 Single Colour, PRO 50 RGB, PRO 50 RGBW, PRO 50 Single Colour, PRO 50 TW, PRO 70 TW
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 A042 INDOOR LUMINAIRE SERIES – STANDARD MODEL DIRECTORY

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PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
AL-100-48-5-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-100-48-5-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-100-48-5-030-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-100-48-5-030-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-100-48-10-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Black	PDF ↗
AL-100-48-10-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Anodised grey	PDF ↗
AL-100-48-10-030-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Black	PDF ↗
AL-100-48-10-030-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Anodised grey	PDF ↗
AL-100-24-12-RGB-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	11.5 W/m	RGB	—	479 lm	Black	PDF ↗
AL-100-24-12-RGB-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	11.5 W/m	RGB	—	479 lm	Anodised grey	PDF ↗
AL-100-24-12-RGB-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	11.5 W/m	RGB	—	479 lm	Black	PDF ↗
AL-100-24-12-RGB-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	11.5 W/m	RGB	—	479 lm	Anodised grey	PDF ↗
AL-100-24-14-RGB-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	14.4 W/m	RGB	—	600 lm	Black	PDF ↗
AL-100-24-14-RGB-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	14.4 W/m	RGB	—	600 lm	Anodised grey	PDF ↗
AL-100-24-14-RGB-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	14.4 W/m	RGB	—	600 lm	Black	PDF ↗
AL-100-24-5-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-100-24-5-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-100-24-5-030-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-100-24-5-030-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-100-24-10-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Black	PDF ↗
AL-100-24-10-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Anodised grey	PDF ↗
AL-100-24-10-030-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Black	PDF ↗
AL-100-24-10-82765-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	2700-6500K	CRI 80	1,343 lm	Black	PDF ↗
AL-100-24-10-82765-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	2700-6500K	CRI 80	1,343 lm	Anodised grey	PDF ↗
AL-100-24-10-82765-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	9.6 W/m	2700-6500K	CRI 80	1,343 lm	Black	PDF ↗
AL-100-24-10-82765-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	9.6 W/m	2700-6500K	CRI 80	1,343 lm	Anodised grey	PDF ↗
AL-112-24-5-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-112-24-5-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-112-24-5-030-A042-BK-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Black	PDF ↗
AL-112-24-5-030-A042-AG-CLR-LEC-0M2-1010	Clear	120Â°	4.8 W/m	3000K	CRI 95	501 lm	Anodised grey	PDF ↗
AL-112-24-10-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Black	PDF ↗
AL-112-24-10-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120Â°	9.6 W/m	3000K	CRI 95	994 lm	Anodised grey	PDF ↗

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PART CODE	COVER	BEAM	POWER	CCT / COLOUR	CRI	FLUX	FINISH	DATASHEET
AL-175-24-10-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	9.6 W/m	3000K	CRI 95	1,001 lm	Anodised grey	PDF ↗
AL-175-24-10-030-A042-BK-CLR-LEC-0M2-1010	Clear	120°	9.6 W/m	3000K	CRI 95	1,001 lm	Black	PDF ↗
AL-20-24-1-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	1.2 W/m	3000K	CRI 95	125 lm	Black	PDF ↗
AL-20-24-1-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	1.2 W/m	3000K	CRI 95	125 lm	Anodised grey	PDF ↗
AL-20-24-1-030-A042-BK-CLR-LEC-0M2-1010	Clear	120°	1.2 W/m	3000K	CRI 95	125 lm	Black	PDF ↗
AL-20-24-1-030-A042-AG-CLR-LEC-0M2-1010	Clear	120°	1.2 W/m	3000K	CRI 95	125 lm	Anodised grey	PDF ↗
AL-20-24-2-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	2.4 W/m	3000K	CRI 95	248 lm	Black	PDF ↗
AL-20-24-2-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	2.4 W/m	3000K	CRI 95	248 lm	Anodised grey	PDF ↗
AL-20-24-2-030-A042-BK-CLR-LEC-0M2-1010	Clear	120°	2.4 W/m	3000K	CRI 95	248 lm	Black	PDF ↗
AL-50-24-7-RGB-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	7.2 W/m	RGB	—	316 lm	Black	PDF ↗
AL-50-24-7-RGB-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	7.2 W/m	RGB	—	316 lm	Anodised grey	PDF ↗
AL-50-24-7-RGB-A042-BK-CLR-LEC-0M2-1010	Clear	120°	7.2 W/m	RGB	—	316 lm	Black	PDF ↗
AL-50-24-7-RGB-A042-AG-CLR-LEC-0M2-1010	Clear	120°	7.2 W/m	RGB	—	316 lm	Anodised grey	PDF ↗
AL-50-24-12-RGB-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	11.5 W/m	RGB	—	480 lm	Black	PDF ↗
AL-50-24-12-RGB-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	11.5 W/m	RGB	—	480 lm	Anodised grey	PDF ↗
AL-50-24-12-RGB-A042-BK-CLR-LEC-0M2-1010	Clear	120°	11.5 W/m	RGB	—	480 lm	Black	PDF ↗
AL-50-24-10-RGBW027-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	9.6 W/m	RGBW-2700K	—	526 lm	Black	PDF ↗
AL-50-24-10-RGBW027-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	9.6 W/m	RGBW-2700K	—	526 lm	Anodised grey	PDF ↗
AL-50-24-10-RGBW027-A042-BK-CLR-LEC-0M2-1010	Clear	120°	9.6 W/m	RGBW-2700K	—	526 lm	Black	PDF ↗
AL-50-24-10-RGBW027-A042-AG-CLR-LEC-0M2-1010	Clear	120°	9.6 W/m	RGBW-2700K	—	526 lm	Anodised grey	PDF ↗
AL-50-24-14-RGBW027-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	14.4 W/m	RGBW-2700K	—	764 lm	Black	PDF ↗
AL-50-24-14-RGBW027-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	14.4 W/m	RGBW-2700K	—	764 lm	Anodised grey	PDF ↗
AL-50-24-14-RGBW027-A042-BK-CLR-LEC-0M2-1010	Clear	120°	14.4 W/m	RGBW-2700K	—	764 lm	Black	PDF ↗
AL-50-24-2-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	2.4 W/m	3000K	CRI 95	250 lm	Black	PDF ↗
AL-50-24-2-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	2.4 W/m	3000K	CRI 95	250 lm	Anodised grey	PDF ↗
AL-50-24-2-030-A042-BK-CLR-LEC-0M2-1010	Clear	120°	2.4 W/m	3000K	CRI 95	250 lm	Black	PDF ↗
AL-50-24-2-030-A042-AG-CLR-LEC-0M2-1010	Clear	120°	2.4 W/m	3000K	CRI 95	250 lm	Anodised grey	PDF ↗
AL-50-24-5-030-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	4.8 W/m	3000K	CRI 95	497 lm	Black	PDF ↗
AL-50-24-5-030-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	4.8 W/m	3000K	CRI 95	497 lm	Anodised grey	PDF ↗
AL-50-24-5-030-A042-BK-CLR-LEC-0M2-1010	Clear	120°	4.8 W/m	3000K	CRI 95	497 lm	Black	PDF ↗
AL-50-24-10-03035-A042-BK-OPH-LEC-0M2-1010	Opal homogeneous	120°	9.6 W/m	3000K-3500K	CRI 95	1,004 lm	Black	PDF ↗
AL-50-24-10-03035-A042-AG-OPH-LEC-0M2-1010	Opal homogeneous	120°	9.6 W/m	3000K-3500K	CRI 95	1,004 lm	Anodised grey	PDF ↗

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