

ARCHITECTURAL DOWNLIGHTS COLLECTION

Downlight ADL S IP54 Trimless

34.43 V IP54 CRI 80+ / 90+ 5-YEAR WARRANTY SINGLE COLOUR

The ADL S Trimless IP54 offers seamless architectural integration combined with splash resistant performance for bathrooms, kitchens, and sheltered outdoor environments. Its plaster in trimless design maintains a perfectly clean ceiling appearance while delivering low glare, high quality illumination. This model is ideal for premium interiors that require both architectural simplicity and functional durability

POWER PACKAGES

9 W – 13 W

LUMINOUS FLUX

565 Lm – 1133 Lm

GLARE PERFORMANCE

UGR < 13

SERVICE LIFETIME

L90B10 > 60kh



TESTED & CERTIFIED UNDER INTERNATIONAL STANDARDS



SCAN TO VIEW SERIES ONLINE

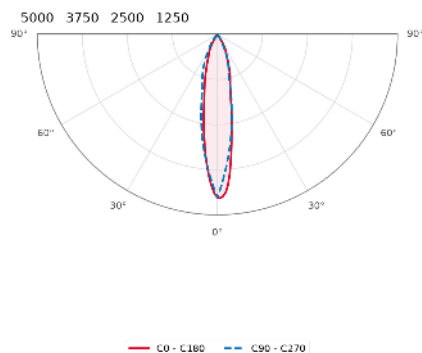
OPTICAL ENGINEERING & DIMENSIONS

DOWNLIGHT ADL S IP54 TRIMLESS

PHOTOMETRIC DISTRIBUTION

PRECISION TIR OPTICS

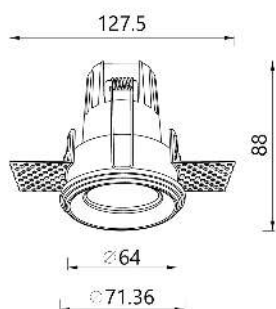
ADL-S IP54 Trimless Downlight • Photometrics

 $I_{\max}: 4530 \text{ cd}$ 

Precision collimating optics deliver uniform beam distributions with tight cut-off angles and soft peripheral halos, suppressing visual glare in occupied zones.

DIMENSIONS & CEILING CUT-OUT

CUTOUT: Ø 75 MM HOLE



OUTER DIMENSIONS	Ø 75 mm x H 90 mm (Trimless)
CEILING CUTOUT	Ø 75 mm Hole
RECESSED DEPTH	100 mm (Clearance Req.)
CEILING THICKNESS	1 mm – 25 mm

ELECTRICAL & CONTROL SPECS

INPUT VOLTAGE	34.43 V (Constant Current)
OPERATING CURRENT	250 Ma
AVAILABLE POWER	9 W – 13 W
DIMMING PROTOCOLS	Phase, 0-10V, DALI-2, Casambi
OPERATING TEMP	-25°C to +50°C
STORAGE TEMP	-25°C to +80°C
INGRESS PROTECTION	IP54
WARRANTY	5-Year System Guarantee

OPTICAL & FINISH OPTIONS

AVAILABLE CCT	2700K, 3000K, 3500K, 4000K
COLOUR FIDELITY	CRI 80+, CRI 90+
BEAM ANGLES	R20, R40
HOUSING COLOURS	Black+Black, White+Black
BAFFLE / TRIM FINISHES	
LED PACKAGE	Nichia Architectural Grade

PART NUMBER DECODING LOGIC

[SERIES] [FINISH] [WATT] [BEAM] [CRI+CCT] [HOUSING.TRIM]

Example: ADL_S-IP54-Trimless SW 9W R20 827 PW.B

- **Prefix:** Architectural Series | **SW:** Single Colour White
- **Wattage:** 9W | **Beam:** R20 (20°) / R30 (30°) / R50 (50°)
- **827/927:** CRI 80/90, 2700K–4000K | **Housing.Trim:** Finish Code

CONTROL, DRIVERS & EMERGENCY

DRIVER LOCATION	Remote Constant Current Driver
CONTROL PROTOCOLS	Fixed Output, DALI-2 (DT6), 1-10V, Casambi
FLICKER STANDARD	IEEE 1789 Compliant (Low Flicker < 3%)
EMERGENCY OPTION	3-Hour Maintained / DALI Emergency Kit
MOUNTING SYSTEM	Heavy-duty stainless steel spring retention
THERMAL BUILD	Cast aluminium passive heatsink architecture

DOWNLIGHT ADL S IP54 TRIMLESS — COMPLETE MODEL DIRECTORY

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PART CODE	POWER	CCT	CRI	OPTIC	OUTPUT	EFFICACY	HOUSING	BAFFLE	DATASHEET
ADL_S-IP54-Trimless SW 9W R20 827 PW.B	9 W	2700K	CRI 80+	R20	696 Lm	81 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 827 PB.B	9 W	2700K	CRI 80+	R20	696 Lm	81 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 830 PW.B	9 W	3000K	CRI 80+	R20	696 Lm	81 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 830 PB.B	9 W	3000K	CRI 80+	R20	696 Lm	81 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 835 PW.B	9 W	3500K	CRI 80+	R20	750 Lm	87 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 835 PB.B	9 W	3500K	CRI 80+	R20	750 Lm	87 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 840 PW.B	9 W	4000K	CRI 80+	R20	750 Lm	87 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 840 PB.B	9 W	4000K	CRI 80+	R20	750 Lm	87 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 927 PW.B	9 W	2700K	CRI 90+	R20	565 Lm	66 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 927 PB.B	9 W	2700K	CRI 90+	R20	565 Lm	66 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 930 PW.B	9 W	3000K	CRI 90+	R20	603 Lm	70 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 930 PB.B	9 W	3000K	CRI 90+	R20	603 Lm	70 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 935 PW.B	9 W	3500K	CRI 90+	R20	649 Lm	75 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 935 PB.B	9 W	3500K	CRI 90+	R20	649 Lm	75 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 940 PW.B	9 W	4000K	CRI 90+	R20	649 Lm	75 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R20 940 PB.B	9 W	4000K	CRI 90+	R20	649 Lm	75 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 827 PW.B	9 W	2700K	CRI 80+	R40	717 Lm	83 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 827 PB.B	9 W	2700K	CRI 80+	R40	717 Lm	83 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 830 PW.B	9 W	3000K	CRI 80+	R40	717 Lm	83 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 830 PB.B	9 W	3000K	CRI 80+	R40	717 Lm	83 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 835 PW.B	9 W	3500K	CRI 80+	R40	773 Lm	90 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 835 PB.B	9 W	3500K	CRI 80+	R40	773 Lm	90 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 840 PW.B	9 W	4000K	CRI 80+	R40	773 Lm	90 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 840 PB.B	9 W	4000K	CRI 80+	R40	773 Lm	90 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 927 PW.B	9 W	2700K	CRI 90+	R40	582 Lm	68 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 927 PB.B	9 W	2700K	CRI 90+	R40	582 Lm	68 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 930 PW.B	9 W	3000K	CRI 90+	R40	622 Lm	72 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 930 PB.B	9 W	3000K	CRI 90+	R40	622 Lm	72 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 935 PW.B	9 W	3500K	CRI 90+	R40	669 Lm	78 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 935 PB.B	9 W	3500K	CRI 90+	R40	669 Lm	78 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 940 PW.B	9 W	4000K	CRI 90+	R40	669 Lm	78 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 9W R40 940 PB.B	9 W	4000K	CRI 90+	R40	669 Lm	78 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 827 PW.B	13 W	2700K	CRI 80+	R20	1022 Lm	85 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 827 PB.B	13 W	2700K	CRI 80+	R20	1022 Lm	85 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 830 PW.B	13 W	3000K	CRI 80+	R20	1022 Lm	85 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 830 PB.B	13 W	3000K	CRI 80+	R20	1022 Lm	85 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 835 PW.B	13 W	3500K	CRI 80+	R20	1100 Lm	92 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 835 PB.B	13 W	3500K	CRI 80+	R20	1100 Lm	92 Lm/W	Black+Black	Standard	PDF ↗

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ADL_S-IP54-Trimless SW 13W R20 840 PW.B	13 W	4000K	CRI 80+	R20	1100 Lm	92 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 840 PB.B	13 W	4000K	CRI 80+	R20	1100 Lm	92 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 927 PW.B	13 W	2700K	CRI 90+	R20	830 Lm	69 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 927 PB.B	13 W	2700K	CRI 90+	R20	830 Lm	69 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 930 PW.B	13 W	3000K	CRI 90+	R20	887 Lm	74 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 930 PB.B	13 W	3000K	CRI 90+	R20	887 Lm	74 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 935 PW.B	13 W	3500K	CRI 90+	R20	887 Lm	74 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 935 PB.B	13 W	3500K	CRI 90+	R20	887 Lm	74 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 940 PW.B	13 W	4000K	CRI 90+	R20	954 Lm	79 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R20 940 PB.B	13 W	4000K	CRI 90+	R20	954 Lm	79 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 827 PW.B	13 W	2700K	CRI 80+	R40	1053 Lm	88 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 827 PB.B	13 W	2700K	CRI 80+	R40	1053 Lm	88 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 830 PW.B	13 W	3000K	CRI 80+	R40	1053 Lm	88 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 830 PB.B	13 W	3000K	CRI 80+	R40	1053 Lm	88 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 835 PW.B	13 W	3500K	CRI 80+	R40	1133 Lm	94 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 835 PB.B	13 W	3500K	CRI 80+	R40	1133 Lm	94 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 840 PW.B	13 W	4000K	CRI 80+	R40	1133 Lm	94 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 840 PB.B	13 W	4000K	CRI 80+	R40	1133 Lm	94 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 927 PW.B	13 W	2700K	CRI 90+	R40	855 Lm	71 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 927 PB.B	13 W	2700K	CRI 90+	R40	855 Lm	71 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 930 PW.B	13 W	3000K	CRI 90+	R40	914 Lm	76 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 930 PB.B	13 W	3000K	CRI 90+	R40	914 Lm	76 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 935 PW.B	13 W	3500K	CRI 90+	R40	914 Lm	76 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 935 PB.B	13 W	3500K	CRI 90+	R40	914 Lm	76 Lm/W	Black+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 940 PW.B	13 W	4000K	CRI 90+	R40	983 Lm	82 Lm/W	White+Black	Standard	PDF ↗
ADL_S-IP54-Trimless SW 13W R40 940 PB.B	13 W	4000K	CRI 90+	R40	983 Lm	82 Lm/W	Black+Black	Standard	PDF ↗

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