

D90RS LOW PROFILE RECESSED LED DOWNLIGHT

D90RS is an ultra-slim, low-profile LED downlight measuring just 40 mm depth, ideal for apartment and multi-dwelling residential projects. Advanced polycarbonate thermal radiator provides efficient heat dissipation, long-life operation and lightweight installation. IC-4 compliance allows safe direct insulation contact, maximising building energy performance. Glare-controlled illumination, with selectable CCT options and dimming compatibility for ambience. Simple plug-and-play flex & plug speeds fit-off, reducing labour costs and project timelines.

SPECIFICATIONS

Input Voltage:	100-240VAC
Max Power Consumption:	9.5W
Trim Dimensions:	108mm
Overall Fixture Depth:	40mm
Nominal Cutout:	90mm
LED Classification:	COB LED
LED Quantity:	Single
Colour/Finish:	White with Semi Specular
Typical Light Source Efficacy:	100lm/W
Beam Angle Options:	60°
Insulation Classification	IC-4 Rated
Recommended Ambient Temp::	-15°C - 55°C
IP Protection Rating:	IP44

PHOTOMETRIC INFORMATION

D90RS-2700K	● CCT: 2700K
D90RS-3000K	● CCT: 3000K
D90RS-4000K	● CCT: 4000K
D90RS-6000K	● CCT: 6000K

Detailed photometric report and IES files available by request

TYPICAL APPLICATIONS

Optimised for shallow ceiling cavities, D90RS excels in new-build or retrofit apartments, townhouses, and modern mixed-use developments globally. Its IC-4 safety, minimal 40 mm depth, and plug-and-play driver suit concrete slabs, acoustic panels, and tight fire-rated spaces. Ideal locations include kitchens, bathrooms, corridors, lobbies, and balcony soffits demanding discreet, energy-smart lighting.

CONTROL & DIMMING COMPATIBILITY OPTIONS

D90RS downlights are available with dimmable or non dimmable control gear. Optional dimming options include Phase dimmable, DALI, 1-10V Control.

ORDERING INFORMATION

Series Model Number:	D90RS
Specify Colour Temp:	2700K/3000K/4000K/6000K
LED Power Option:	9.5W
Input Voltage	100-240VAC
Specify Optional Dimming:	Phase Dimmable / DALI / Non-Dimmable
**Some configuration options may be subject to minimum order quantities	

CUSTOMISATION OPTIONS

- 3 CCT Switchable Version By request
- Available in 24VDC version by request
- Custom trim finish colour by special request
- RGBW or CCT Tunable LED by special request

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