

Dara series round

Dara R 90mm cut-out



Description:

The Dara Series of fixed downlights offers options of both round and square shapes. Designed to meet a variety of lighting needs, these downlights are IP54 rated, making them suitable for environments where dust and water resistance are essential. The secondary reflector is available in white, black, and matt silver finishes, allowing for seamless integration into different interior designs. For round shapes, the cut-out options include 75mm, 90mm, 125mm, 145mm, and 165mm. The square shape options feature cut-outs of 90*90mm, 125*125mm, 145*145mm, and 165*165mm. With a total fixture efficacy of up to 90 lumens per watt, the Dara Series is engineered for superior glare control, ensuring comfortable and effective illumination in any setting.

Specifications:

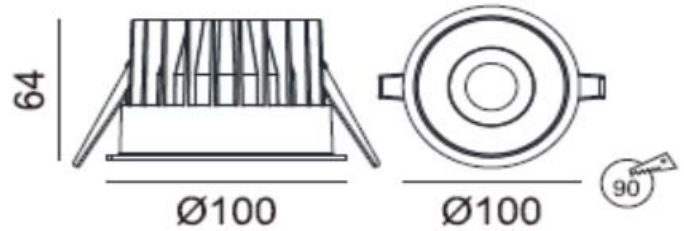
Indoor/Outdoor	Indoor
Product No.:	ADL1090R
Input Voltage:	220-240Vac / 50-60 Hz
System Power:	12W / 15W / 18W
Type of light source:	COB LED
Color Rendering(CRI):	Ra 80 SDCM≤ 3
CCT:	3000K / 4000K
System Lumen:	1080~1620 lm
System Efficacy:	90 lm/W
Light Distribution:	Direct
Beam Angle:	15° / 24° / 38° / 55°
UGR (4H 8H):	UGR≤ 19
IP Rating:	IP54
Color:	White / Black
Luminaire Lifetime:	50.000h (L80B50, Ta25°C)
Working Temperature:	-5 ~ +30 °C
Material:	Die casting aluminum
Electrical Class	II
Photobiological Safety:	Risk Group 1
Dimming:	ON-OFF, TRIAC, 1-10V, DALI

Project: _____
 Location: _____
 Fixture Ref.: _____
 Quantity: _____
 Remarks: _____

Picture:



Line Drawings:



Mounting / Connection:

Mounting:	Recessed, Indoor
Cut-out:	90 mm
Connection:	Male & female plug

Packaging Information:

N.W. Fixture (Kg)	0.51 Kgs
G.W. Carton	13.3 Kgs
Mater Carton Dimension:	465*295*288 mm
Qty per Carton:	24 PCS

Photometrics

Please download from the website or consult the sales manager.

Ordering Information:



Matt Silver

Matt White

Matt Black

Model No.	Trim Shape	Cut-out	Wattage	Color Rendering	CCT	Beam	Secondary Reflectors	Dimming Options	
ADL1090	R Round	90	12W	8 80+ CRI	30 3000K	XNS (15°)		F ON-OFF	
	S Square		15W	9 90+ CRI	40 4000K	NS (24°)	M Matt	P PHASE DIM	
				18W	X 95+ CRI		MB (38°)	W White	V 1~10V DIM
							FL (55°)	B Black	D DALI DIM
						G Golden			

AMAZ light reserves the right to alter material, dimensions and characteristics without prior notice. Lighting technology changes rapidly.

More Technical Variants

Round shape collection



Model No.:	Wattage	Cut-out	Dimension	Delivered lumen
ADL1075R	9W	75 mm	86*54 mm	810 lm
	12W	75 mm	86*54 mm	1080 lm
	15W	75 mm	86*54 mm	1350 lm
ADL1090R	12W	90 mm	100*64 mm	1080 lm
	15W	90 mm	100*64 mm	1350 lm
	18W	90 mm	100*64 mm	1620 lm
ADL1125R	15W	125 mm	136*83 mm	1350 lm
	20W	125 mm	136*83 mm	1800 lm
	28W	125 mm	136*83 mm	2520 lm
ADL1145R	24W	145 mm	158*96 mm	2160 lm
	28W	145 mm	158*96 mm	2520 lm
	32W	145 mm	158*96 mm	2880 lm
ADL1165R	28W	165 mm	180*109 mm	2520 lm
	32W	165 mm	180*109 mm	2880 lm
	42W	165 mm	180*109 mm	3780 lm

Square shape collection



Model No.:	Wattage	Cut-out	Dimension	Delivered lumen
ADL1090S	12W	90*90 mm	100*100*64 mm	1080 lm
	15W	90*90 mm	100*100*64 mm	1350 lm
	18W	90*90 mm	100*100*64 mm	1620 lm
ADL1125S	15W	125*125 mm	136*136*83 mm	1350 lm
	20W	125*125 mm	136*136*83 mm	1800 lm
	28W	125*125 mm	136*136*83 mm	2520 lm
ADL1145S	24W	145*145 mm	158*158*96 mm	2160 lm
	28W	145*145 mm	158*158*96 mm	2520 lm
	32W	145*145 mm	158*158*96 mm	2880 lm
ADL1165S	28W	165*165 mm	180*180*109 mm	2520 lm
	32W	165*165 mm	180*180*109 mm	2880 lm
	42W	165*165 mm	180*180*109 mm	3780 lm