

# ACME STRAIGHT

## Φ78 Engine

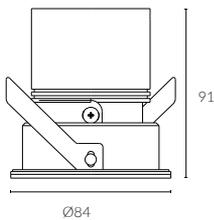
### Adjustable Round Downlight



cutout: 78mm



Adjustable Optic



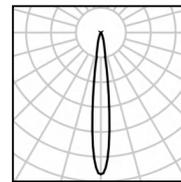
bezel | baffle



Black Painted  
9005

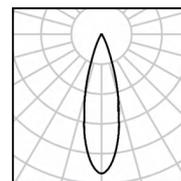


White Painted  
9016



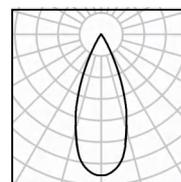
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	17995	0.13
1.0	4499	0.27
1.5	1999	0.40
2.0	1125	0.53
2.5	720	0.67
3.0	500	0.80



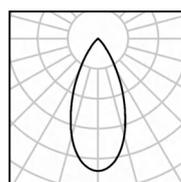
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	5826	0.22
1.0	1457	0.43
1.5	647	0.65
2.0	364	0.86
2.5	233	1.08
3.0	162	1.31



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	3139	0.30
1.0	785	0.60
1.5	349	0.91
2.0	196	1.21
2.5	126	1.51
3.0	87	1.81



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1677	0.48
1.0	419	0.96
1.5	186	1.44
2.0	105	1.92
2.5	67	2.40
3.0	47	2.87

<b>IP Rating:</b>	Front IP44, optional IP65
<b>Optics:</b>	15°/24°/36°/50°
<b>UGR:</b>	< 10
<b>CRI:</b>	98Ra
<b>Lifetime:</b>	>50,000 hrs (L70 B10)
<b>CCT:</b>	2700K/3000K/3500K/4000K/ 1800K-4000K/2700K-6000K
<b>Typical Source Efficacy (lm/W):</b>	110
<b>Control:</b>	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
<b>Binning:</b>	2 Step MacAdams
<b>Input:</b>	AC220-240V 50/60Hz
<b>Output:</b>	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W
<b>Ambient temp:</b>	-20 °C to 45 °C
<b>Class:</b>	II
<b>Optional accessories:</b>	Honeycomb louvre, Solite Lense, Spread Lense, Colour Filter
<b>Ceiling Thickness:</b>	9mm-28mm
<b>Material:</b>	Fine aluminium 6063A
<b>Fire resistance test:</b>	60 minutes



DuraGreen project:  
Luxury Apartment



W system	lm system	optics	code
8W	613	15°	AFL7808W-30N15-B
8W	565	24°	AFL7808W-30N24-B
8W	546	36°	AFL7808W-30N36-B
8W	585	50°	AFL7808W-30N50-B



W system	lm system	optics	code
10W	743	15°	AFL7810W-30N15-B
10W	684	24°	AFL7810W-30N24-B
10W	648	36°	AFL7810W-30N36-B
10W	711	50°	AFL7810W-30N50-B



W system	lm system	optics	code
12W	803	15°	AFL7812W-30N15-B
12W	737	24°	AFL7812W-30N24-B
12W	717	36°	AFL7812W-30N36-B
12W	765	50°	AFL7812W-30N50-B

ACME



Black Nickel

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Solid Brass



Antique Bronze

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Black Painted 9005



White Painted 9016

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Brushed Grey



Polished Chrome

Our light fixtures are made of the highest quality metal materials, like pure aluminium and solid brass. Our process is precise and sustainable to achieve circular products that last longer and look stylish.

The ACME light engines come in three distinct shapes: straight baffle for maximum brightness, curve baffle for a softer light effect, and semi-recessed baffle for added ceiling decoration. They are available in five different sizes with both trimmed and trimless bezels (cutouts of 50mm, 57mm, 68mm, and 78mm) and offered in seven standard finishes including white 9016, black 9005, polished chrome, black nickel, antique bronze, and solid brass.



ACME STRAIGHT



ACME CURVE



ACME SEMI

We transform premium materials into fine luxury goods that elevate any space.



Light engine



Installation frame trimless



Installation frame trim

Circular economy principles are intricately woven into every stage of our design and manufacturing process, making ACME downlights a shining example of sustainability. These fixtures are fully modular, allowing for easy repair, reuse, and end-of-life reintroduction into standard stock.

Safety wire



Accessories

Spread



Double Asymmetric



Honeycomb



Red filter



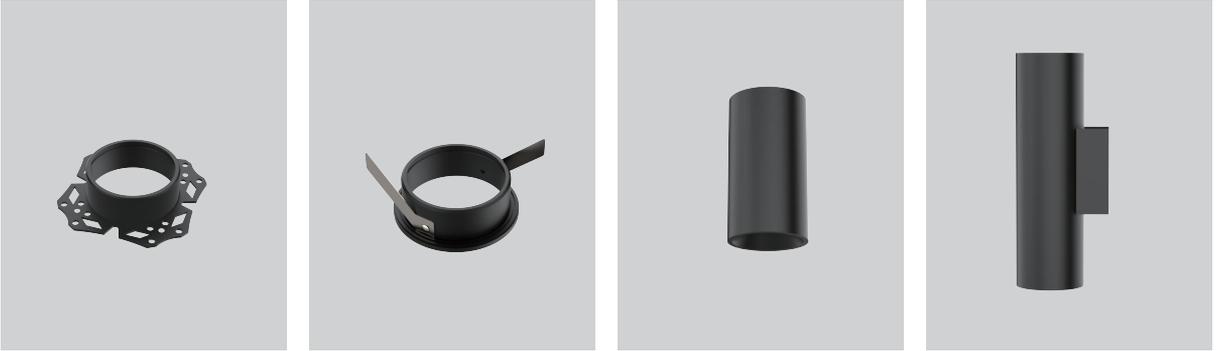
Blue filter



Amber filter



## Accessories



## Light Engines



ACME STRAIGHT

ACME CURVE

ACME SEMI

## Specification Code

Type	Engine	Power	Baffle Style	Bezel Style	Colour Temp	Driver	Beam Width	Bezel Colour	Baffle Colour	Options
AFL	50	08W	C	TL	30	N	24	W	B	S
MFL/Fixed	36/36mm		C/Curve	TL/Trimless	27/2700K	M/Mains Dim	05/5°	W/White	W/White	H/Honeycomb
AFL/Adjustable	50/50mm		M/Semi		30/3000K	D/DALI	10/10°	B/Black	B/Black	S/Spread Lens
	57/57mm		Q/Square		35/3500K	0/0-10V	15/15°	PB/Polished Brass	PB/Polished Brass	
	68/68mm		P/Pinhole		40/4000K	Z/Zigbee	24/24°	BN/Black Nickel	BN/Black Nickel	
	78/78mm		O/Oval		50/5000K	C/Casambi	36/36°	BC/Bright Chrome	BC/Bright Chrome	
			A/Alabaster		2030/2000K-3000K	N/Non Dim	50/50°	DB/Dark Brass	RG/Rose Gold	
			S/Shallow		1840/1800K-4000K	X/No Driver	WS/Wall Wash		SB/Solid Brass	
			IO/In/out		2760/2700K-6000K				PF/Peach Fuzz	
									AC/Antique Copper	
									AB/Aged Bronze	
									ABS/Antique Brass	
									DB/Dark Brass	
									BG/Brushed Grey	
									PN/Pearl Nickel	