

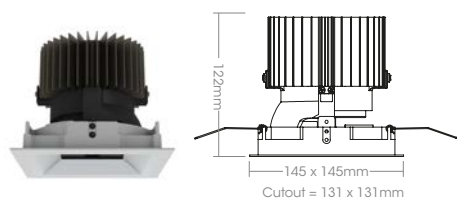
# AZETA LARGE SQUARE

acdcl180

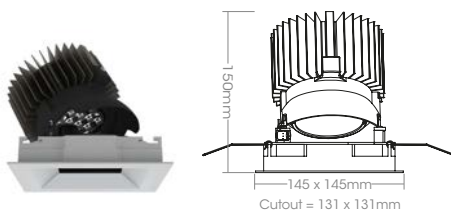
acdclighting  
Bringing light to life

**Technical, geared, recessed, round architectural LED downlight – 30W delivering 2450lm – heat pipe technology heat dissipation – IP20/IP44 – choice of dimming options – fixed, adjustable, wallwash formats**

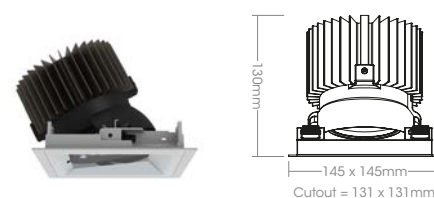
## Fixed



## Adjustable



## Wallwash



N.B. These products require clear airflow to maintain the LED junction temperature and lifetime of the product. Please refer to the installation instructions for necessary volumetric air details.

## Luminaire

**Materials:** Die cast, powder coated aluminium

**Trim Finish:** Black satin, white.

**Reflector:** White, black, satin silver.

**Formats:** Fixed, self-locking, geared adjustable and wallwash formats available.

**Adjustability:** Tilt, rotate and lock via micro adjustable gearing mechanism. Front adjustments allowing for quick and simple hot focusing on site.

**Beam angles:** Interchangeable optics facility: 15°, 24°, 36°, 45° (Wall wash supplied with 45° as standard with spreader lens to provide smooth beam distribution).

**Accessories:** Accessory holder accommodates two accessories as standard: solite lens, honeycomb louvre. Field changeable.

**Installation:** Spring clip

**Heatsink:** Advanced **acdcl** heat sink with thermo dynamic, liquid cooling technology.

**Temperature:** From -10°C to 40°C

**Glare control:** Deep recessed LED position for minimal glare. Solite lens and honeycomb louvre.

**Cutout:** 131mm x 131mm

## Performance

**Lumen Maintenance:** High efficiency LEDs tested to LM80 standards, 50,000hrs lifetime with lumen maintenance at L70

**Initial lamp Lumen output\*:** 3545lm

**Lamp lumens inc thermal and optical losses\*:** 2907lm

**Luminaire Lumens output\*:** 2461lm

**Power consumption (inc 85% efficient driver):** 31W

**Efficacy (lm/W)\*:** 79.8

**CRI:** 80

**Binning:** All LEDs are within a 2 step MacAdam ellipse to ensure colour consistency across a project.

**Colour Temperature:** 2700°K, 3000°K, 4200°K, 6000°K

**Driver:** Switched, 1-10v, Phase, Dali, DMX

**EM:** Can be used as an emergency luminaire when specified with an emergency driver. Please consult your **acdcl** representative.

**Listings:** CE, ETL us/c

**IP rating:** IP20, IP44

**Warranty:** 5 years

**Max weight:** 1.1kg

\*Based on 3000°K with 15° optics

## Specification Codes

Product	Trim	Reflector	Light Engine	Colour Temp	Optics	Model	Accessories	IP Rating	Dimming						
acdcl180	White	TWH	MH35 (formerly known as Angel) 35M	2700°K	27	15°	15R	Fixed	FXD	No Lens	N	IP20	IP20	Switched	SWT
	Black	TBL		3000°K	30	24°	24R	Adjustable	ADJ	Solite Lens	DGS	IP44	IP44	1-10v	1-10
	Satin			4200°K	42	36°	36R	Wallwash	WWA	Honeycomb Louvre	HCL			Phase	PHA
	Silver	SAT		6000°K	60	45°	45R							Dali	DAL
													DMX	DMX	
														None supplied	NS

This **acdcl** product is

- Dual binned within a 2 step MacAdam ellipse to guarantee colour consistency
- Supplied with a 5 year guarantee



Specification subject to change without notice. Refer to our website for the most recent product documentation.