

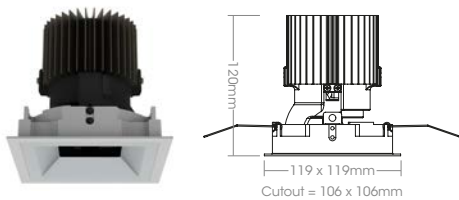
# AZETA SMALL SQUARE

## acdc1179

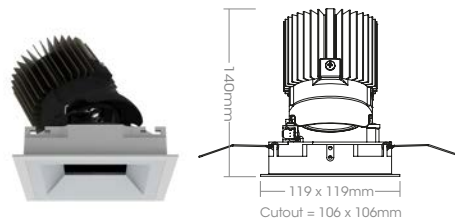
**acdc**<sup>®</sup>  
Bringing light to life

Technical geared architectural square LED downlights with 20W & 35W metal halide output performance, delivering 700lm & 1300lm. Available in fixed, adjustable & wallwash formats. IP20/IP44

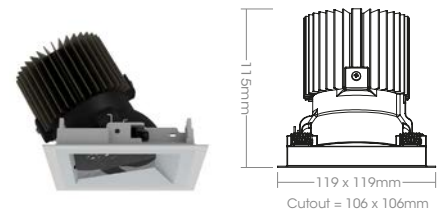
### Fixed



### 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 **acdc** 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:** 106mm x 106mm

### Performance

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

**Initial lamp Lumen output\*:** H50 1909lm, H35S 1050lm

**Lamp lumens inc thermal and optical losses\*:** H50 1565lm, H35S 861lm

**Luminaire Lumens output\*:** H50 1311lm, H35S 721lm

**Power consumption (inc 85% efficient driver):** H50 18W, H35S 9.84W

**Efficacy (lm/W)\*:** H50 74.49, H35S 73.28

**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 **acdc** representative.

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

**IP rating:** IP20, IP44

**Warranty:** 5 years

**Max weight:** 690g

\*Based on 3000°K with 15° optics

### Specification Codes

| Product  | Trim  |             | Reflector |                    | Light Engine                   |  | Colour Temp |        | Optics |        | Model |     | Accessories |     | IP Rating |             | Dimming          |      |      |          |       |       |      |     |               |
|----------|-------|-------------|-----------|--------------------|--------------------------------|--|-------------|--------|--------|--------|-------|-----|-------------|-----|-----------|-------------|------------------|------|------|----------|-------|-------|------|-----|---------------|
|          | White | Black Satin | White     | Black Satin Silver | H50 (Formerly known as Spirit) | H35S (Formerly known as Little Spirit) | 2700°K      | 3000°K | 4200°K | 6000°K | 15°   | 24° | 36°         | 45° | No Lens   | Solite Lens | Honeycomb Louvre | IP20 | IP44 | Switched | 1-10v | Phase | Dali | DMX | None supplied |
| acdc1179 | TWH   | TBL         | WHI       | SAT                | 50H                            | 35S                                    | 27          | 30     | 42     | 60     | 15R   | 24R | 36R         | 45R | N         | DGS         | HCL              | IP20 | IP44 | SWT      | 1-10  | PHA   | DAL  | DMX | NS            |

This **acdc** 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.

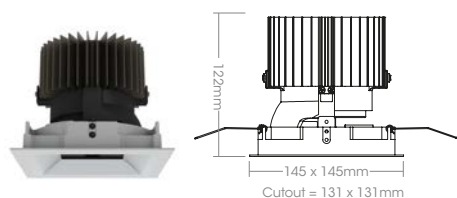
# AZETA LARGE SQUARE

acdcl180

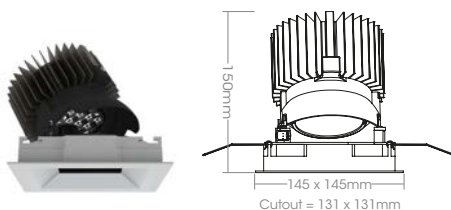
**acdcl**<sup>®</sup>  
Bringing light to life

**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**

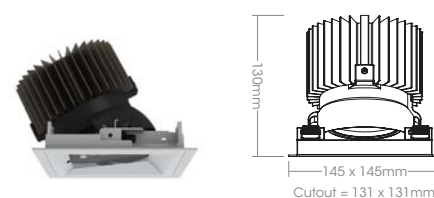
## Fixed



## 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<br>(formerly known as Angel)<br>35M | 2700°K      | 27     | Fixed | No Lens     | IP20          | Switched         |       |
|          | Black        | TBL       |  | 3000°K      | 30     |       | Adjustable  |               | Solite Lens      | 1-10v |
|          | Satin Silver | SAT       |  | 4200°K      | 42     |       | Wallwash    |               | Honeycomb Louvre | Phase |
|          |              |           |  | 6000°K      | 60     |       |             |               |                  | Dali  |
|          |              |           |  |             | 15°    |       |             | DMX           |                  |       |
|          |              |           |  |             | 24°    |       |             | None supplied |                  |       |
|          |              |           |  |             | 36°    |       |             |               |                  |       |
|          |              |           |  |             | 45°    |       |             |               |                  |       |

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.