BARON

COMMERCIAL SERIES DOWNLIGHT

EVOLVE LIGHTING

3K / 4K / 57K	>50,000hrs	>90	IP54	IC-F	5 Year
CCT SWITCH	LIFETIME @ L70	CRI	IP RATING	IC RATING	WARRANTY

- ✓ CCT selectable via easy switch — 3000K / 4000K / 5700K
- ✓ Deep cutoff optics for reduced glare — UGR22
- ✓ CRI >90 & R9 >50 for excellent colour rendering
- ✓ IC-F rated for direct contact with insulation
- ✓ Triac (phase-cut) dimming, DALI-2 optional
- ✓ Flicker free — PstLM <1 / SVM ≤0.4
- ✓ Isolated, replaceable driver
- ✓ Surface mount conversion kits available



CODE	WATTAGE	LUMEN OUTPUT	EFFICACY	UGR	CUTOUT	FIXTURE SIZE
BARON120-18-9345	18W	1,770–2,060lm	114lm/W	22	Ø120–130mm	Ø145×53mm
BARON160-25-9345	25W	2,500–3,150lm	126lm/W	22	Ø160–170mm	Ø190×53mm
BARON200-35-9345	35W	3,920–4,570lm	130lm/W	25	Ø200–210mm	Ø228×53mm
BARON230-40-9345	40W	4,570–4,880lm	122lm/W	25	Ø230–260mm	Ø280×53mm

LIGHTING DATA

Light source	Citizen LED COB
CCT	3000K / 4000K / 5700K
CRI	>90
R9	>50
SDCM	<3 (3000K/5700K) · <4 (4000K)
Beam angle	90° (100° on Baron 230)

DESIGN / CONSTRUCTION

Housing	Die-cast aluminium body
Optic	PC diffuser, deep cutoff
Mounting	Recessed (surface kit optional)
Colour	White (RAL9016)

ELECTRICAL DATA

Mains voltage	AC220–240V / 50–60Hz
Power factor (typ)	>0.90
THD (typ)	<18%
Flicker free	PstLM <1 / SVM ≤0.4
Connection	Junction box
Dimming type	Triac (phase cut)
Dimming option	DALI-2

TECHNICAL DATA

IP rating	IP54 from front
IC rating	IC-F
Operating temp	-20° to +40°C
Protection class	Class II
Certifications	SAA, CE, RoHS
Warranty	5 Year product replacement

BARON

PRODUCT RANGE & DIMENSIONS

EVOLVE LIGHTING

PRODUCT RANGE



Baron 120
BARON120-18-9345 · 18W



Baron 160
BARON160-25-9345 · 25W

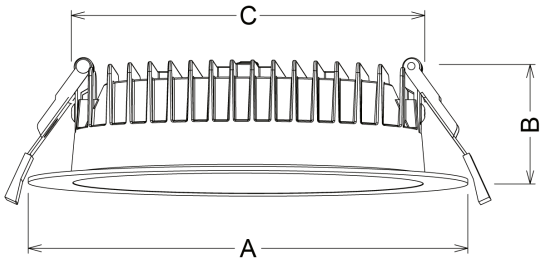


Baron 200
BARON200-35-9345 · 35W



Baron 230
BARON230-40-9345 · 40W

DIMENSIONS



MODEL	A — FRONT Ø	B — HEIGHT	C — CUTOUT Ø
Baron 120	Ø145mm	53mm	Ø120–130mm
Baron 160	Ø190mm	53mm	Ø160–170mm
Baron 200	Ø228mm	53mm	Ø200–210mm
Baron 230	Ø280mm	53mm	Ø230–260mm

A — overall front trim diameter · B — fixture depth from ceiling face · C — recommended ceiling cutout. All dimensions in millimetres.

CCT SWITCH LOCATION



The CCT selector switch is located on the rear heatsink of the luminaire. Set the switch to the required colour temperature before installation.

- ✓ Three-position CCT switch — 3000K / 4000K / 5700K
- ✓ Accessible on the driver housing prior to fitting
- ✓ Factory default 4000K

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BARON

SURFACE MOUNT KITS

Optional accessory kits convert a recessed Baron downlight into a surface-mounted fixture — ideal for concrete soffits and ceilings where recessing is not possible. Each kit is matched to a Baron aperture and finished in White (RAL9016).



SURFACE-MOUNTED ASSEMBLY

SURFACE MOUNT KIT — ORDERING

KIT CODE	FITS	APERTURE	SIZE (Ø × H)	COLOUR
ACC-BARON145-SM	BARON120-18-9345	4″	Ø148 × 93mm	White (RAL9016)
ACC-BARON190-SM	BARON160-25-9345	6″	Ø193 × 93mm	White (RAL9016)
ACC-BARON228-SM	BARON200-35-9345	8″	Ø232 × 100mm	White (RAL9016)

Kits are supplied separately and fit the recessed Baron downlight of the matching aperture. Baron 230 surface mount kit available on request.