ACE FIXED

LOW GLARE DOWNLIGHT

EVOLVE LIGHTING

3000K / 4000K	>90	UGR <19	Ø90mm	IP54	5 Year
SWITCHABLE CCT	CRI	LOW GLARE	CUTOUT	FROM FRONT	WARRANTY

- ✓ Switchable CCT — 3000K / 4000K from one fixture
- ✓ CRI >90 high-fidelity colour rendering
- ✓ Low glare recessed optic — UGR <19
- ✓ Flicker free (PstLM <1 / SVM ≤0.4)
- ✓ Triac (phase-cut) dimmable
- ✓ Isolated, replaceable built-out driver
- ✓ IC-F rated — safe direct contact with insulation
- ✓ 5 Year product replacement warranty



CODE	FINISH	POWER	LUMEN OUTPUT	BEAM	CUTOUT
ACEF90-8-934-W	White (RAL9016)	8W	800–860lm	50°	Ø90mm
ACEF90-8-934-B	Black (RAL9005)	8W	800–860lm	50°	Ø90mm

LIGHTING DATA

Light source	SMD LED
CCT	3000K / 4000K, switchable
CRI	>90
SDCM	<3
Lumen output	800–860lm
Efficacy	up to 105lm/W
Beam angle	50°
Glare Rating	UGR <19

ELECTRICAL DATA

Mains voltage	AC220–240V / 50Hz
Power factor (typ)	>0.9
Driver	Built-out, isolated, replaceable
Dimming	Triac (phase cut)
Flicker	Flicker free, PstLM <1 / SVM ≤0.4
Connection	Junction box
Protection class	Class II

TECHNICAL DATA

IP rating	IP54 from front
IC rating	IC-F
Operating temp	-20° to +40°C
Fixture size	Ø110 × 38mm
Warranty	5 year product replacement

DESIGN / CONSTRUCTION

Housing	Plastic-coated aluminium body
Optics	PC lens
Colours	White (RAL9016) / Black (RAL9005)
Mounting	Recessed, spring clips

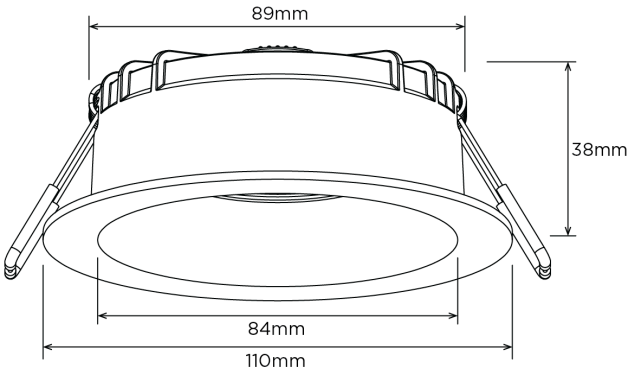
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ACE FIXED

LOW GLARE DOWNLIGHT

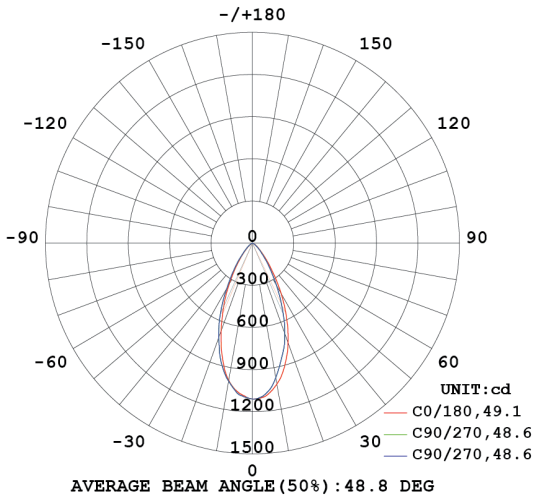
EVOLVE LIGHTING

DIMENSIONS



Ø110MM BEZEL · Ø84MM INNER APERTURE · Ø90MM CUTOUT · 38MM DEPTH · ALL DIMENSIONS IN MM

PHOTOMETRIC DISTRIBUTION



POLAR INTENSITY (CD) · C0/180 AND C90/270 PLANES · AVERAGE BEAM ANGLE (50%): 48.8°

FINISHES



WHITE (RAL9016) · **ACEF90-8-934-W**



BLACK (RAL9005) · **ACEF90-8-934-B**

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ACE SURFACE

LOW GLARE DOWNLIGHT

EVOLVE LIGHTING

3000K / 4000K	>90	UGR <19	50°	Triac	5 Year
SWITCHABLE CCT	CRI	LOW GLARE	BEAM ANGLE	DIMMABLE	WARRANTY

- ✓ Switchable CCT — 3000K / 4000K from one fixture
- ✓ CRI >90 high-fidelity colour rendering
- ✓ Low glare optic — UGR <19
- ✓ Flicker free (PstLM <1 / SVM ≤0.4)
- ✓ Triac (phase-cut) dimmable
- ✓ 8W / 10W output options
- ✓ Quick-connect terminal wiring
- ✓ 5 Year product replacement warranty



CODE	FINISH	POWER	LUMEN OUTPUT	BEAM	BODY SIZE
ACES90-10-934-W	White (RAL9016)	8W / 10W	800–1030lm	50°	Ø90 × 94mm
ACES90-10-934-B	Black (RAL9005)	8W / 10W	800–1030lm	50°	Ø90 × 94mm

LIGHTING DATA

Light source	SMD LED
CCT	3000K / 4000K, switchable
CRI	>90
SDCM	<3
Lumen output	800–1030lm
Efficacy	up to 100lm/W
Beam angle	50°
Glare Rating	UGR <19

ELECTRICAL DATA

Mains voltage	AC220–240V / 50Hz
Power factor (typ)	>0.85
Driver	Isolated
Dimming	Triac (phase cut)
Flicker	Flicker free, PstLM <1 / SVM ≤0.4
Connection	Quick-connect terminals
Protection class	Class II

TECHNICAL DATA

Mounting	Surface-mounted (ceiling)
Body size	Ø90 × H94mm
Operating temp	-20° to +40°C
Aperture	Ø82mm
Warranty	5 year product replacement

DESIGN / CONSTRUCTION

Housing	Plastic-coated aluminium body
Optics	PC lens
Colours	White (RAL9016) / Black (RAL9005)
Mounting	Surface-mounted

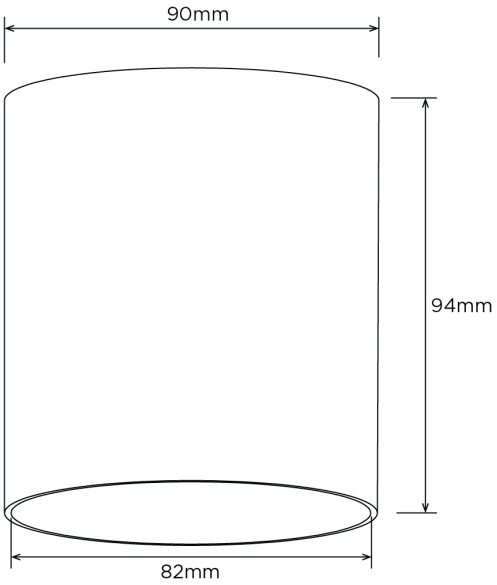
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ACE SURFACE

LOW GLARE DOWNLIGHT

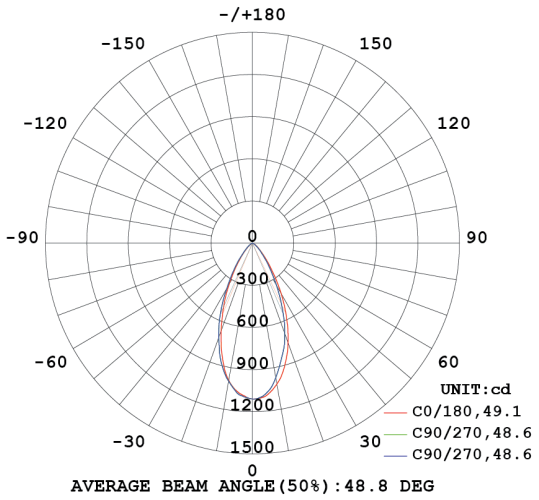
EVOLVE LIGHTING

DIMENSIONS



Ø90MM BODY · Ø82MM APERTURE · 94MM HEIGHT · SURFACE-MOUNTED · ALL DIMENSIONS IN MM

PHOTOMETRIC DISTRIBUTION



POLAR INTENSITY (CD) · C0/180 AND C90/270 PLANES · AVERAGE BEAM ANGLE (50%): 48.8°

FINISHES



WHITE (RAL9016) · **ACES90-10-934-W**



BLACK (RAL9005) · **ACES90-10-934-B**

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ACE TILTABLE

LOW GLARE DOWNLIGHT

EVOLVE LIGHTING

3000K / 4000K	>90	UGR <19	Ø90mm	IP54	5 Year
SWITCHABLE CCT	CRI	LOW GLARE	CUTOUT	FROM FRONT	WARRANTY

- ✓ Switchable CCT — 3000K / 4000K from one fixture
- ✓ CRI >90 high-fidelity colour rendering
- ✓ Low glare optic — UGR <19
- ✓ Flicker free (PstLM <1 / SVM ≤0.4)
- ✓ Triac (phase-cut) dimmable
- ✓ Adjustable tilting head — directional aiming
- ✓ IC-F rated — safe direct contact with insulation
- ✓ 5 Year product replacement warranty



CODE	FINISH	POWER	LUMEN OUTPUT	BEAM	CUTOUT
ACET90-8-934-W	White (RAL9016)	8W	800–860lm	50°	Ø90mm
ACET90-8-934-B	Black (RAL9005)	8W	800–860lm	50°	Ø90mm

LIGHTING DATA

Light source	SMD LED
CCT	3000K / 4000K, switchable
CRI	>90
SDCM	<3
Lumen output	800–860lm
Efficacy	up to 105lm/W
Beam angle	50°
Glare	UGR <19

ELECTRICAL DATA

Mains voltage	AC220–240V / 50Hz
Power factor (typ)	>0.9
Driver	Isolated, replaceable
Dimming	Triac (phase cut)
Flicker	Flicker free, PstLM <1 / SVM ≤0.4
Connection	Junction box
Protection class	Class II

TECHNICAL DATA

IP rating	IP54 from front
IC rating	IC-F
Operating temp	-20° to +40°C
Fixture size	Ø110 × 40mm
Warranty	5 year product replacement

DESIGN / CONSTRUCTION

Housing	Plastic-coated aluminium body
Optics	PC lens
Colours	White (RAL9016) / Black (RAL9005)
Mounting	Recessed, spring clips

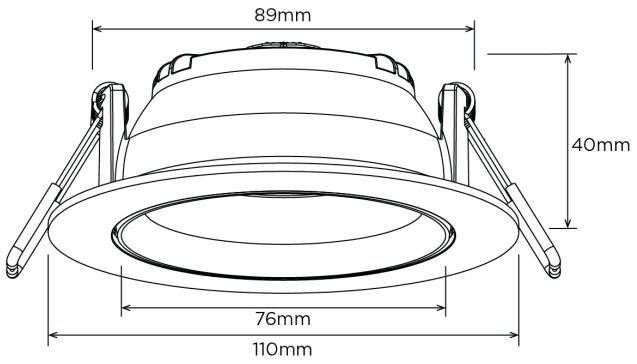
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ACE TILTABLE

LOW GLARE DOWNLIGHT

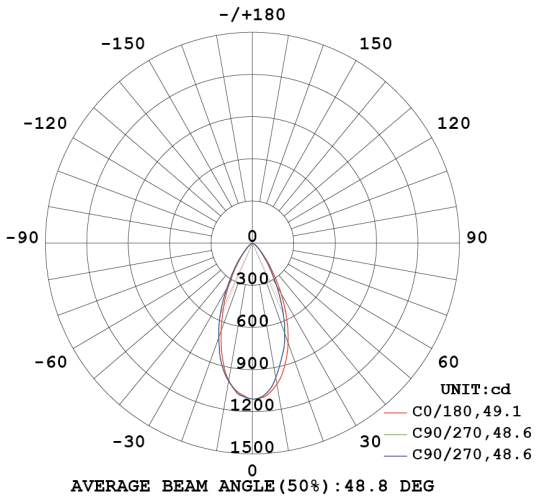
EVOLVE LIGHTING

DIMENSIONS



Ø110MM BEZEL · Ø76MM INNER APERTURE · Ø90MM CUTOUT · 40MM DEPTH · ADJUSTABLE TILTING HEAD · ALL DIMENSIONS IN MM

PHOTOMETRIC DISTRIBUTION



POLAR INTENSITY (CD) · C0/180 AND C90/270 PLANES · DISTRIBUTION SHOWN AT NOMINAL AIM

FINISHES



WHITE (RAL9016) · **ACET90-8-934-W**



BLACK (RAL9005) · **ACET90-8-934-B**

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