

ALTEA 150 LED

astro

GENERAL

CLASS:	CE (Class 2)
IP RATING:	IP44
BATHROOM ZONE:	Zone 2, 3
VOLTAGE:	Mains 230V
INSTALLATION ORIENTATION:	Wall mount /Ceiling mount
MAIN MATERIAL:	Metal - Aluminium
DIMENSIONS:	H: 66mm Ø: 152mm
CUT OUT HOLE:	Not applicable
RECESS DEPTH:	Not applicable
FIRE RATING:	Not applicable
CABLE LENGTH:	Not applicable
GROSS WEIGHT:	0.892Kg

LAMP

LIGHT SOURCE:	LED MODULE
MAXIMUM WATTAGE:	8.18W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH:	Not applicable
LUMINOUS FLUX:	346 Lm
COLOUR TEMP:	2700K
CRI:	80
R9:	To be advised
MACADAM ELLIPSE:	3-step
TILT ADJUSTABLE ANGLE:	Not applicable
ROTATION ADJUSTABLE ANGLE:	Not applicable
AVERAGE LIFESPAN:	40,000hrs
L70:	To be advised
BEAM ANGLE:	Not applicable

ELECTRICAL

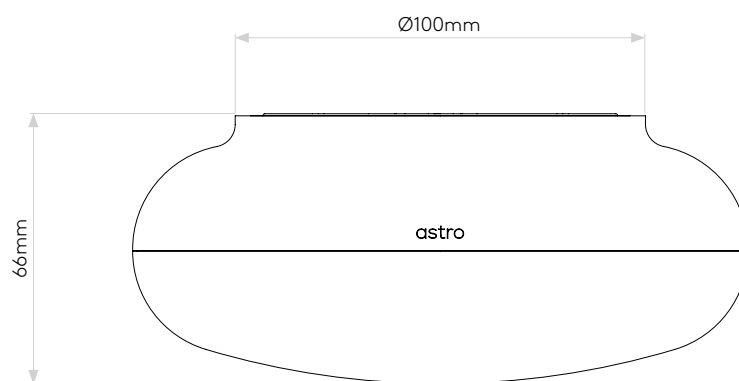
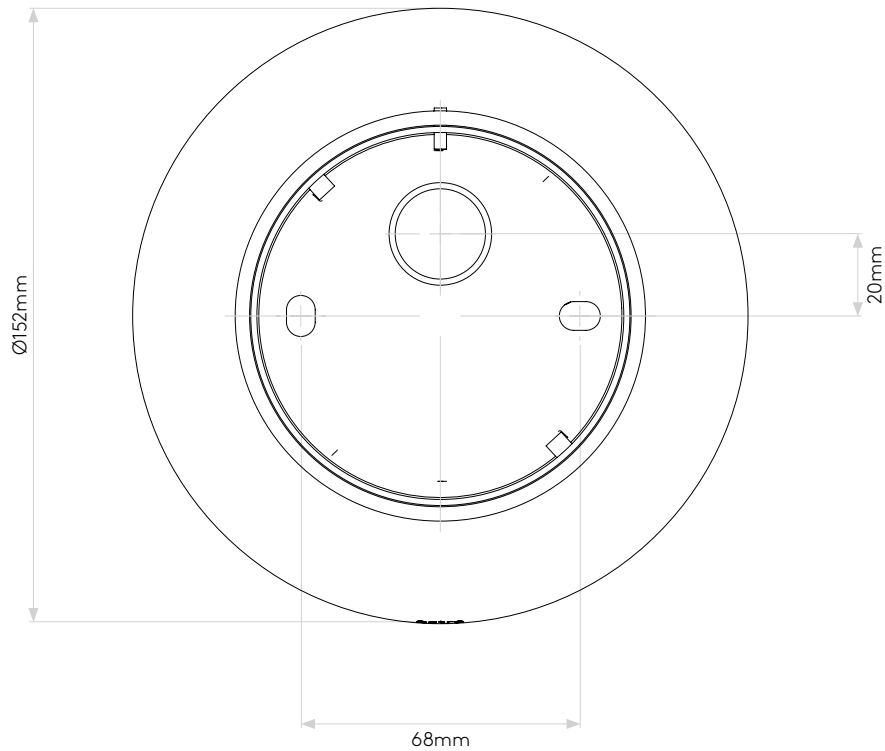
SWITCHED:	No
DIMMABLE:	Yes
DIMMING METHOD:	Phase - Leading & Trailing Edge
DRIVER INCLUDED:	Yes (Integral)
DRIVER OUTPUT CURRENT:	Not applicable
DRIVER OUTPUT VOLTAGE:	Not applicable
SUPPLY FREQUENCY:	50/60Hz
DRIVER/BALLAST VOLTAGE:	210-250V
DRIVER AVERAGE LIFESPAN:	40,000hrs
EFFICACY:	50.73lm/W

ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Polycarbonate
SHADE/DIFFUSER FINISH	Natural
F MARK:	-



CODE: 8013
SKU: 1133004
FINISH: POLISHED CHROME



Please note that some dimensions may vary slightly due to manufacturing tolerances, this includes cable entry and fixing holes

Veillez noter que certaines dimensions peuvent varier légèrement en raison des tolérances de fabrication, y compris l'entrée de câble et les trous de fixation.

Bitte beachten Sie, dass die Maße Fertigungstoleranzen unterliegen und daher in geringem Umfang von der angegebenen Größe abweichen können. Dies gilt auch für Kabeleingänge und Befestigungslöcher.

Si prega notare che possono esserci piccole variazioni in alcune dimensioni dovute alle tolleranze di produzione, queste includono l'ingresso del cavo e i fori di fissaggio.

ALTEA 300 LED

astro

GENERAL

CLASS:	CE (Class 2)
IP RATING:	IP44
BATHROOM ZONE:	Zone 2, 3
VOLTAGE:	Mains 230V
INSTALLATION ORIENTATION:	Ceiling mount
MAIN MATERIAL:	Metal - mild steel
DIMENSIONS:	H: 80mm Ø: 300mm
CUT OUT HOLE:	Not applicable
RECESS DEPTH:	Not applicable
FIRE RATING:	Not applicable
CABLE LENGTH:	Not applicable
GROSS WEIGHT:	2.47Kg

LAMP

LIGHT SOURCE:	LED MODULE
MAXIMUM WATTAGE:	15.6W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH:	Not Applicable
LUMINOUS FLUX:	673 lm
COLOUR TEMP:	2700K
CRI:	>80
R9:	10
MACADAM ELLIPSE:	6-step
TILT ADJUSTABLE ANGLE:	Not applicable
ROTATION ADJUSTABLE ANGLE:	Not applicable
AVERAGE LIFESPAN:	20,000hrs
L70:	To be advised
BEAM ANGLE:	Not applicable

ELECTRICAL

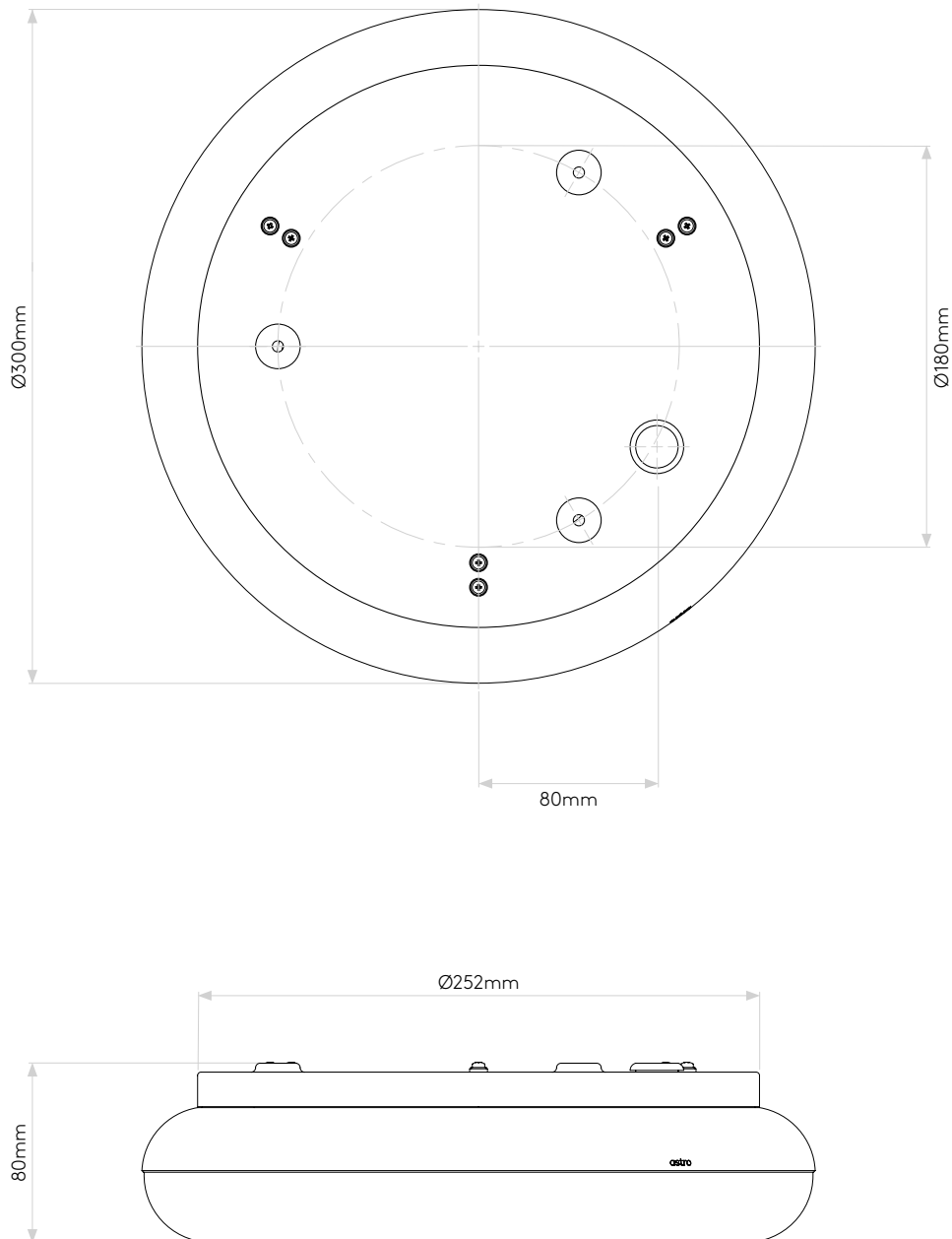
SWITCHED:	No
DIMMABLE:	No
DIMMING METHOD:	Not applicable
DRIVER INCLUDED:	Yes (Integral)
DRIVER OUTPUT CURRENT:	Not applicable
DRIVER OUTPUT VOLTAGE:	Not applicable
SUPPLY FREQUENCY:	50/60Hz
DRIVER/BALLAST VOLTAGE:	220-240V
DRIVER AVERAGE LIFESPAN:	20,000hrs switch cy
EFFICACY:	43lm/W

ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Glass
SHADE/DIFFUSER FINISH	White
F MARK:	-



CODE: 8047
SKU: 1133007
FINISH: POLISHED CHROME



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ALTEA 360 LED

astro

GENERAL

CLASS:	CE (Class 2)
IP RATING:	IP44
BATHROOM ZONE:	Zone 2, 3
VOLTAGE:	Mains 230V
INSTALLATION ORIENTATION:	Wall mount
MAIN MATERIAL:	Metal - Zinc
DIMENSIONS:	H: 360mm W: 90mm D: 59mm
CUT OUT HOLE:	Not applicable
RECESS DEPTH:	Not applicable
FIRE RATING:	Not applicable
CABLE LENGTH:	Not applicable
GROSS WEIGHT:	1.86Kg

LAMP

LIGHT SOURCE:	LED STRIP
MAXIMUM WATTAGE:	15.6W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH:	Not Applicable
LUMINOUS FLUX:	649.92 lm
COLOUR TEMP:	3000K
CRI:	80
R9:	3.3
MACADAM ELLIPSE:	+/-100K
TILT ADJUSTABLE ANGLE:	Not applicable
ROTATION ADJUSTABLE ANGLE:	Not applicable
AVERAGE LIFESPAN:	50,000hrs
L70:	To be advised
BEAM ANGLE:	Not applicable

ELECTRICAL

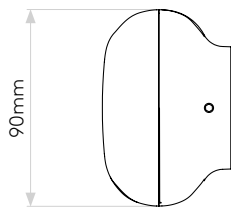
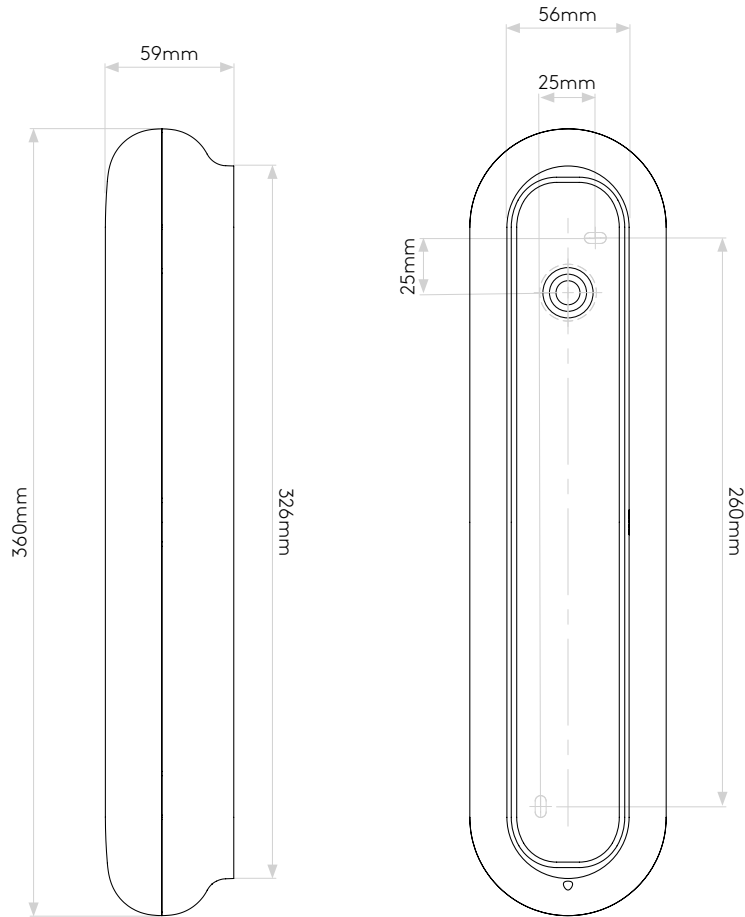
SWITCHED:	No
DIMMABLE:	No
DIMMING METHOD:	Not applicable
DRIVER INCLUDED:	Yes (Integral)
DRIVER OUTPUT CURRENT:	Not applicable
DRIVER OUTPUT VOLTAGE:	12V
SUPPLY FREQUENCY:	47/63Hz
DRIVER/BALLAST VOLTAGE:	180-264V
DRIVER AVERAGE LIFESPAN:	20,000hrs
EFFICACY:	41.66lm/W

ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Polycarbonate
SHADE/DIFFUSER FINISH	Natural
F MARK:	Suitable for mounting on flammable materials



CODE 8014
SKU 1133005
FINISH POLISHED CHROME



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ALTEA 500 LED

astro

GENERAL

CLASS:	CE (Class 2)
IP RATING:	IP44
BATHROOM ZONE:	Zone 2, 3
VOLTAGE:	Mains 230V
INSTALLATION ORIENTATION:	Wall mount
MAIN MATERIAL:	Metal - Zinc
DIMENSIONS:	H: 500mm W: 90mm D: 59mm
CUT OUT HOLE:	Not applicable
RECESS DEPTH:	Not applicable
FIRE RATING:	Not applicable
CABLE LENGTH:	Not applicable
GROSS WEIGHT:	1.86Kg

LAMP

LIGHT SOURCE:	LED STRIP
MAXIMUM WATTAGE:	20.3W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH:	Not Applicable
LUMINOUS FLUX:	858 lm
COLOUR TEMP:	3000K
CRI:	80
R9:	7.0
MACADAM ELLIPSE:	+/-100K
TILT ADJUSTABLE ANGLE:	Not applicable
ROTATION ADJUSTABLE ANGLE:	Not applicable
AVERAGE LIFESPAN:	50,000hrs
L70:	Not applicable
BEAM ANGLE:	Not applicable

ELECTRICAL

SWITCHED:	No
DIMMABLE:	No
DIMMING METHOD:	Not applicable
DRIVER INCLUDED:	Yes (Integral)
DRIVER OUTPUT CURRENT:	Not applicable
DRIVER OUTPUT VOLTAGE:	12V
SUPPLY FREQUENCY:	47/63Hz
DRIVER/BALLAST VOLTAGE:	90-264V
DRIVER AVERAGE LIFESPAN:	20,000hrs
EFFICACY:	42.27lm/W

ADDITIONAL INFORMATION:

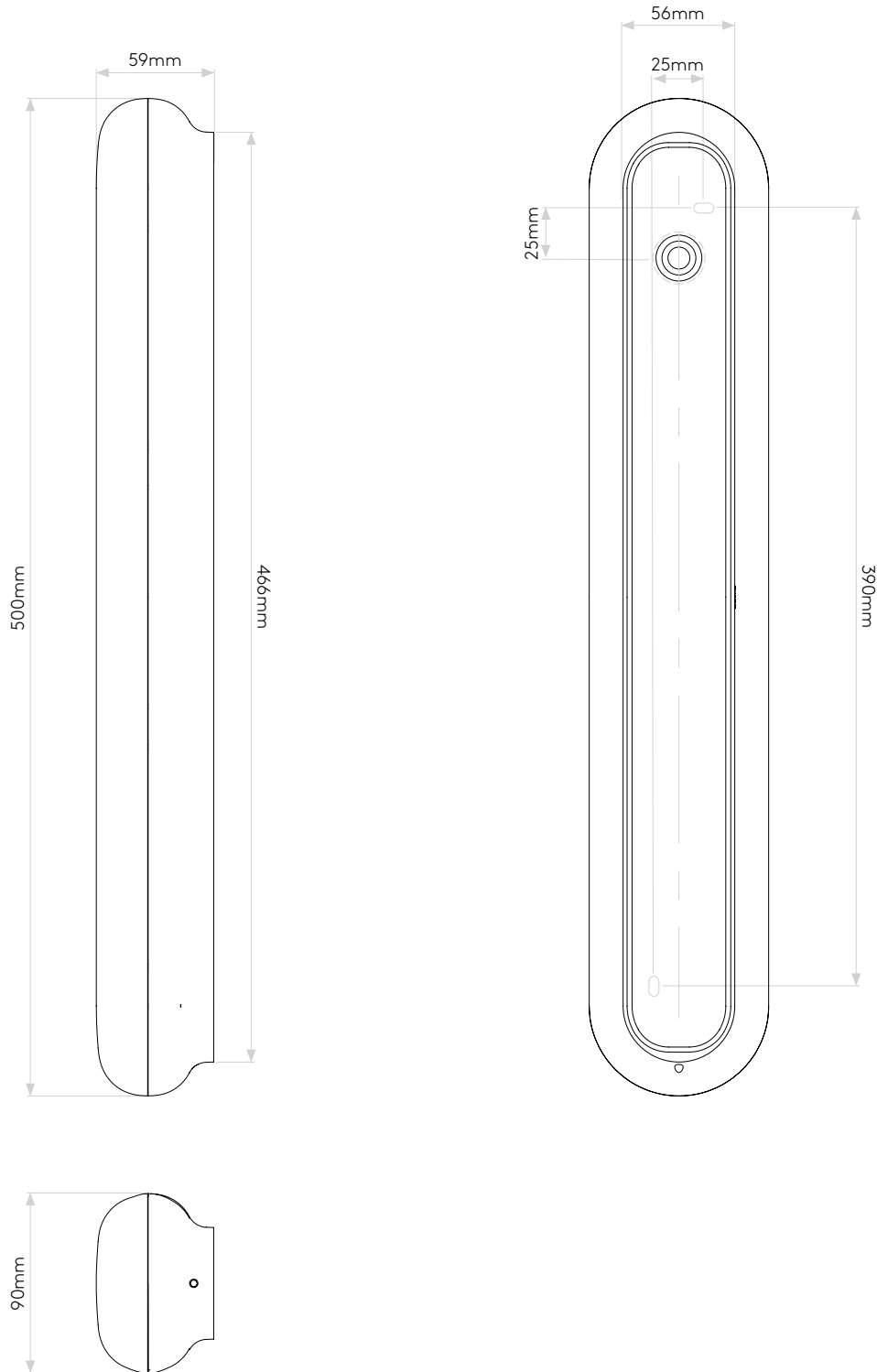
SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Polycarbonate
SHADE/DIFFUSER FINISH	Natural
F MARK:	Suitable for mounting on flammable materials



CODE 8015
SKU 1133006
FINISH POLISHED CHROME

PRODUCT ELEVATIONS

astro



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