

## OSLO 160 LED

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## GENERAL

LOCATION:	Exterior
CLASS:	CE (Class I)
IP RATING:	IP65
BATHROOM ZONE:	Zone 1, 2, 3
DRIVER REQUIRED:	No
INSTALLATION ORIENTATION:	Wall Mount - Vertical
MAIN MATERIAL:	Concrete - Cast
DIMENSIONS (mm):	H:160 W: 84 D:107
CUT OUT HOLE (mm):	-
RECESS DEPTH (mm):	-
FIRE RATING:	-
CABLE LENGTH (mm):	-
GROSS WEIGHT (kg):	1.6

## LAMP

LIGHT SOURCE:	High Powered LED
WATTAGE:	6.1W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH (mm):	-
LUMINOUS FLUX (lm):	117
COLOUR TEMP (K):	3000
CRI (Ra):	90
MACADAM ELLIPSE:	3-Step
TILT ADJUSTABLE ANGLE (°):	-
ROTATION ADJUSTABLE ANGLE (°):	-
LIFETIME (hrs):	60000
BEAM ANGLE (°):	49

## ELECTRICAL

SWITCHED:	No
DIMMABLE:	No
DIMMING METHOD:	-
SUPPLY FREQUENCY (Hz):	50/60
DRIVER/BALLAST VOLTAGE (V):	220-240
DRIVER LIFETIME (hrs):	60000
EFFICACY (lm/W):	19

## ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Glass
SHADE/DIFFUSER FINISH	Clear
F MARK:	To Be Advised



CODE: 1298020

FINISH: MATT CONCRETE

THIS PRODUCT IS SUITABLE FOR USE BY THE COAST AND OTHER ONEROUS ENVIRONMENTS - THREE YEAR WARRANTY APPLIES. THIS WARRANTY CAN BE EXTENDED TO FIVE YEARS WHEN THE PRODUCT IS USED WITHIN A COMMERCIAL PROJECT AND REGISTERED ON THE ASTRO WEBSITE. FOR FURTHER WARRANTY INFORMATION PLEASE REFER BACK TO THE ORIGINAL POINT OF PURCHASE

Astro are committed to delivering high quality products. Our rigorous engineering and extensive testing drives us to achieve the highest possible standards. Due to this we are pleased to provide a five-year extended warranty on products when commercial projects are registered on the Astro website within two months from the date of purchase.

In order to qualify for a five-year warranty, the following conditions must be met:

- Product(s) must be registered online within two months from the date of purchase
- Product(s) must be new
- Product(s) must be registered for a commercial project

Successful registration will warrant the product(s) to free repair or replacement if the product is deemed to be faulty due to any manufacturing defects in design, material or workmanship.

TO MAINTAIN THIS PRODUCT TO ITS BEST CONDITION, PLEASE VIEW OUR CARE AND CLEANING GUIDE ON THE SUPPORT SECTION OF THE ASTRO WEBSITE.

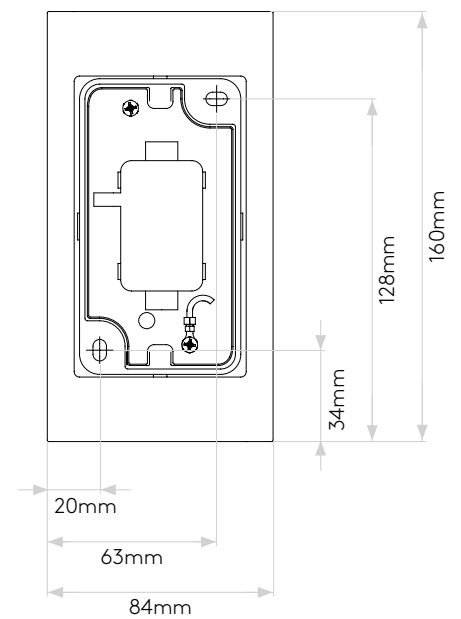
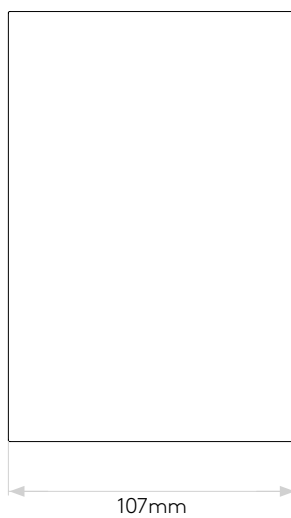
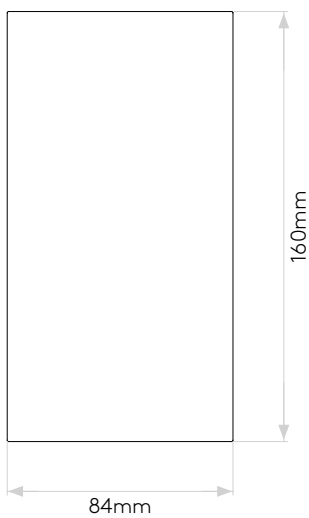
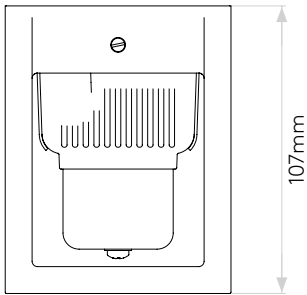
Pour entretenir au mieux ce produit, veuillez consulter notre guide d'entretien et de nettoyage, dans la rubrique d'aide sur le site Web d'Astro.

Um dieses Produkt im besten Zustand zu erhalten, beachten Sie bitte unseren Leitfaden zu Pflege und Reinigung im Abschnitt „Support“ auf der Astro-Website.

Per mantenere questo prodotto nelle sue migliori condizioni, consultare la nostra guida per la manutenzione e la pulizia nella sezione dedicata all'assistenza del sito Web Astro.

## PRODUCT ELEVATIONS

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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.