

CHIOS 80

astro

GENERAL

LOCATION:	Architectural/Bathroom/Exterior
CLASS:	CE (Class I)
IP RATING:	IP44
BATHROOM ZONE:	Zone 2, 3
VOLTAGE:	Mains 230V
INSTALLATION ORIENTATION:	Wall Mount - Vertical
MAIN MATERIAL:	Metal - Zinc
DIMENSIONS:	H: 80mm W: 68mm D: 92mm
CUT OUT HOLE:	Not Applicable
RECESS DEPTH:	Not Applicable
FIRE RATING:	Not Applicable
CABLE LENGTH:	Not Applicable
GROSS WEIGHT:	0.39Kg

LAMP

LIGHT SOURCE:	LED GU10
MAXIMUM WATTAGE:	6W MAX
LAMP INCLUDED:	No
MAXIMUM LAMP LENGTH:	57mm
R9:	Lamp Dependent
MACADAM ELLIPSE:	Not Applicable
TILT ADJUSTABLE ANGLE:	Not Applicable
ROTATION ADJUSTABLE ANGLE:	Not Applicable
AVERAGE LIFESPAN:	Lamp Dependent
L70:	Not Applicable
BEAM ANGLE:	Lamp Dependent

ELECTRICAL

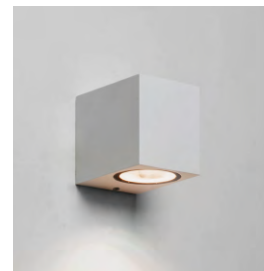
SWITCHED:	No
DIMMABLE:	Yes
DIMMING METHOD:	Lamp Dependent
DRIVER INCLUDED:	Not Applicable
DRIVER OUTPUT CURRENT:	Not Applicable
DRIVER OUTPUT VOLTAGE:	Not Applicable
SUPPLY FREQUENCY:	Not Applicable
DRIVER/BALLAST VOLTAGE:	Not Applicable
DRIVER AVERAGE LIFESPAN:	Not Applicable
EFFICACY:	Lamp Dependent

ADDITIONAL INFORMATION

SHADE INCLUDED:	Not applicable
SHADE MATERIAL:	Not applicable
F MARK:	Suitable for mounting on flammable materials



CODE: 1310002 (7126)
FINISH: TEXTURED BLACK



CODE: 1310005 (7564)
FINISH: TEXTURED WHITE



CODE: 1310007 (8195)
FINISH: TEXTURED GREY

THIS PRODUCT IS SUITABLE FOR ONEROUS ENVIRONMENTS AND CAN BE INSTALLED WITHIN FIVE MILES OF THE COAST - THREE YEAR WARRANTY APPLIES.

Ce produit convient aux environnements difficiles et peut être installé à 8 km environ des côtes. Il bénéficie d'une garantie de trois ans.

Dieses Produkt ist für anspruchsvolle Umgebungen geeignet und kann innerhalb von fünf Meilen (acht Kilometern) von einer Küste entfernt installiert werden - es gilt eine dreijährige Garantie.

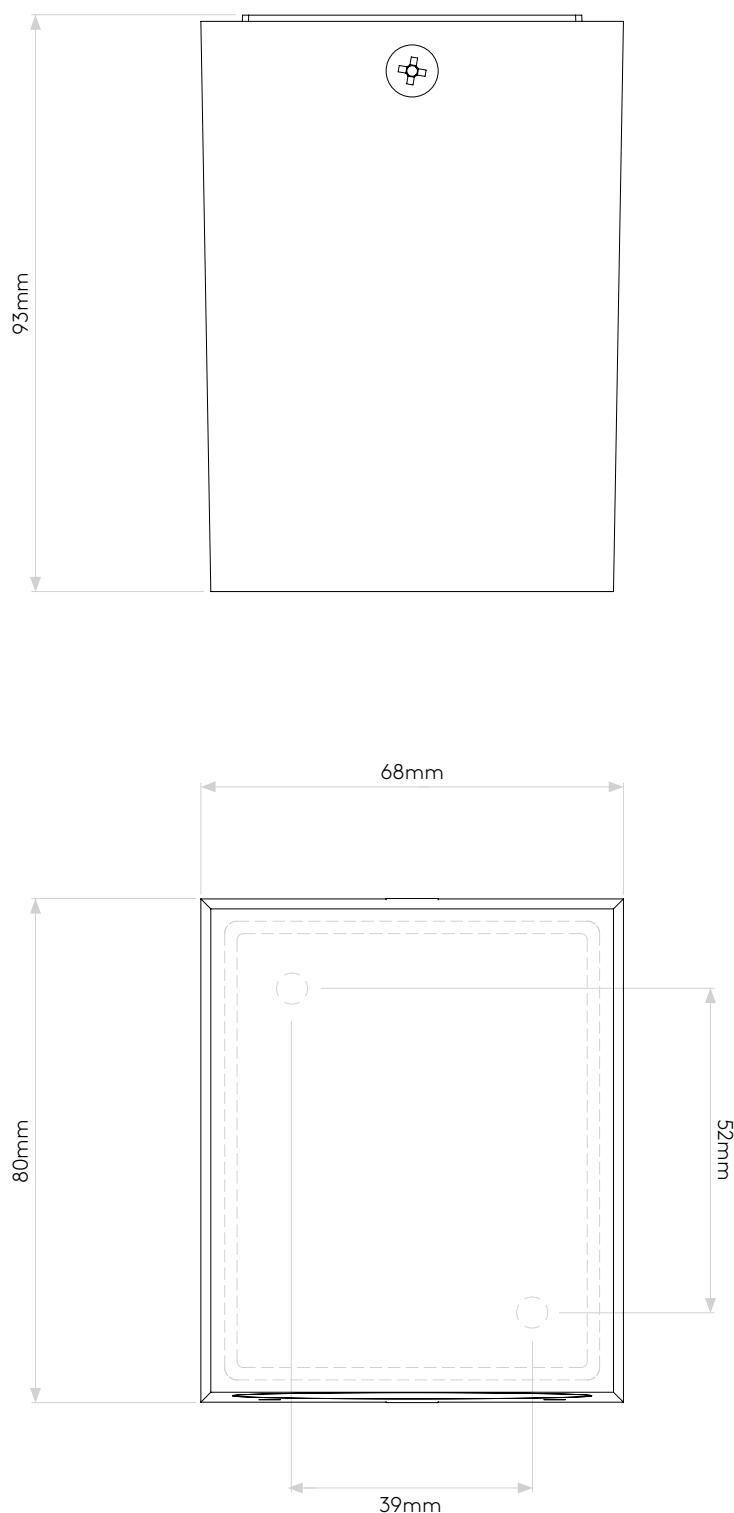
Questo prodotto è adatto per ambienti gravosi e può essere installato entro 8 chilometri dalla costa. Il prodotto è coperto da garanzia triennale.

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.

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

Veuillez 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.

GENERAL

LOCATION:	Exterior
CLASS:	CE (Class I)
IP RATING:	IP67
BATHROOM ZONE:	Zone 1, 2, 3
DRIVER REQUIRED:	No
INSTALLATION ORIENTATION:	Ground/Floor
MAIN MATERIAL:	Metal - Stainless Steel or Aluminium
DIMENSIONS (mm):	D: 155 Ø: 106
CUT OUT HOLE (mm/inches):	Ø: 98 / 3-7/8"
RECESS DEPTH (mm):	155
FIRE RATING:	-
CABLE LENGTH (mm):	1300
GROSS WEIGHT (kg):	1.31

LAMP

LIGHT SOURCE:	COB LED
WATTAGE:	9W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH (mm):	-
LUMINOUS FLUX (lm):	510
COLOUR TEMP (K):	3000
CRI (Ra):	90
MACADAM ELLIPSE:	3-Step
TILT ADJUSTABLE ANGLE (°):	30
ROTATION ADJUSTABLE ANGLE (°):	360
LIFETIME (hrs):	60000
BEAM ANGLE (°):	To Be Advised

ELECTRICAL

SWITCHED:	No
DIMMABLE:	No
DIMMING METHOD:	-
SUPPLY FREQUENCY (Hz):	50-60
DRIVER/BALLAST VOLTAGE (V):	220-240
DRIVER LIFETIME (hrs):	50000
EFFICACY (lm/W):	61

ADDITIONAL INFORMATION:

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



CODE: 1378005
FINISH: BRUSHED STAINLESS
STEEL



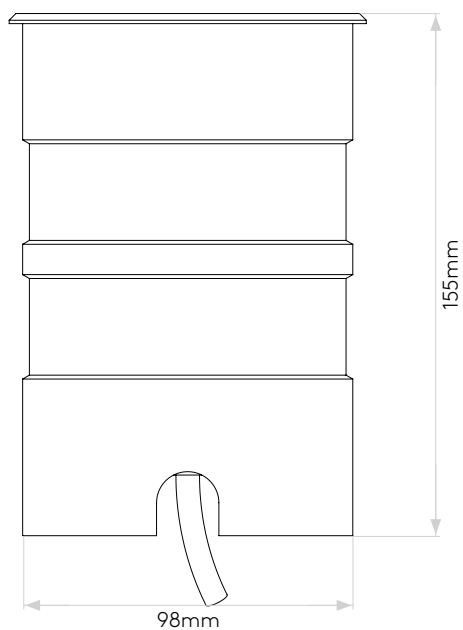
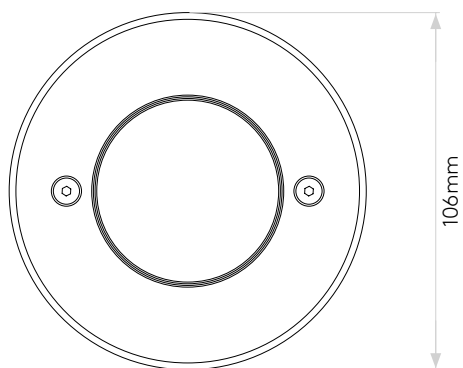
CODE: 1378006
FINISH: ANODISED
ALUMINIUM

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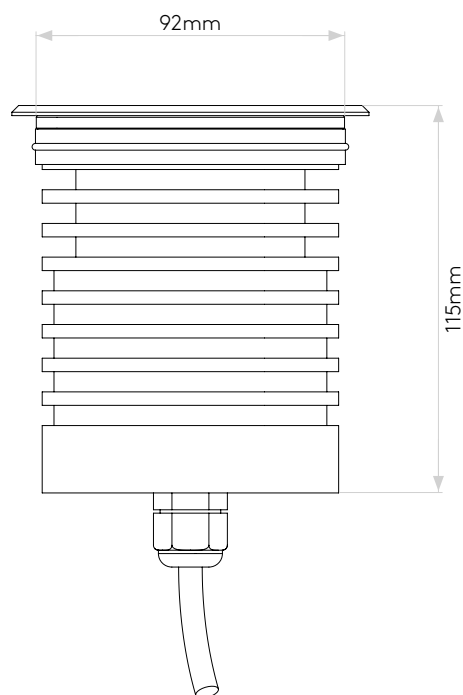
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With Mounting Cover



Without Mounting Cover

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BAYVILLE SPIKE SPOT

astro

GENERAL

LOCATION:	Exterior
CLASS:	CE (Class I)
IP RATING:	IP65
BATHROOM ZONE:	Zone 1, 2, 3
DRIVER REQUIRED:	No
INSTALLATION ORIENTATION:	Ground/Floor
MAIN MATERIAL:	Metal - Aluminium
DIMENSIONS (mm):	H: 94 W: 75 D: 102
CUT OUT HOLE (mm):	-
RECESS DEPTH (mm):	-
FIRE RATING:	-
CABLE LENGTH (mm):	2000
GROSS WEIGHT (kg):	0.85

LAMP

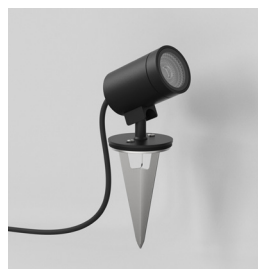
LIGHT SOURCE:	LED Module
WATTAGE:	8.2W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH (mm):	-
LUMINOUS FLUX (lm):	467
COLOUR TEMP (K):	3000
CRI (Ra):	80
MACADAM ELLIPSE:	3-Step
TILT ADJUSTABLE ANGLE (°):	90
ROTATION ADJUSTABLE ANGLE (°):	330
LIFETIME (hrs):	40000
BEAM ANGLE (°):	44

ELECTRICAL

SWITCHED:	No
DIMMABLE:	Yes
DIMMING METHOD:	Phase-Leading & Trailing Edge
SUPPLY FREQUENCY (Hz):	50/60
DRIVER/BALLAST VOLTAGE (V):	210-250
DRIVER LIFETIME (hrs):	40000
EFFICACY (lm/W):	57

ADDITIONAL INFORMATION:

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



CODE: 1401021
FINISH: TEXTURED BLACK



CODE: 1401022
FINISH: TEXTURED GREY

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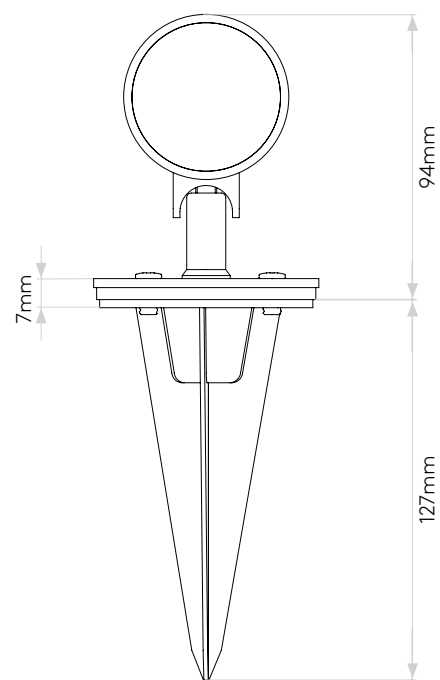
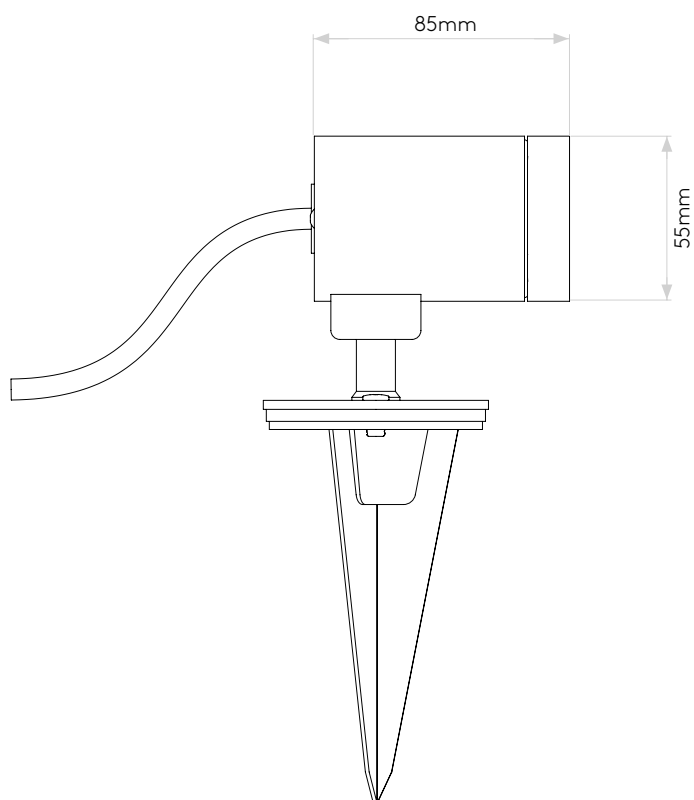
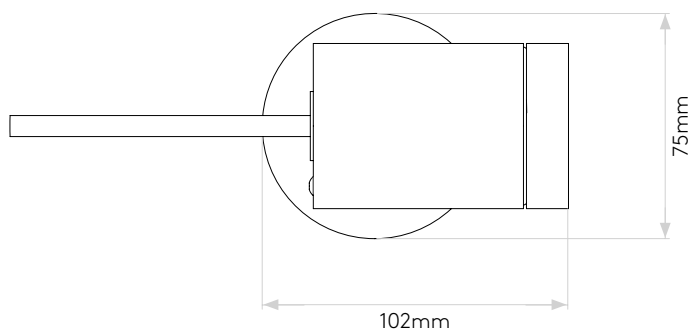
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DARKLIGHT DESIGN

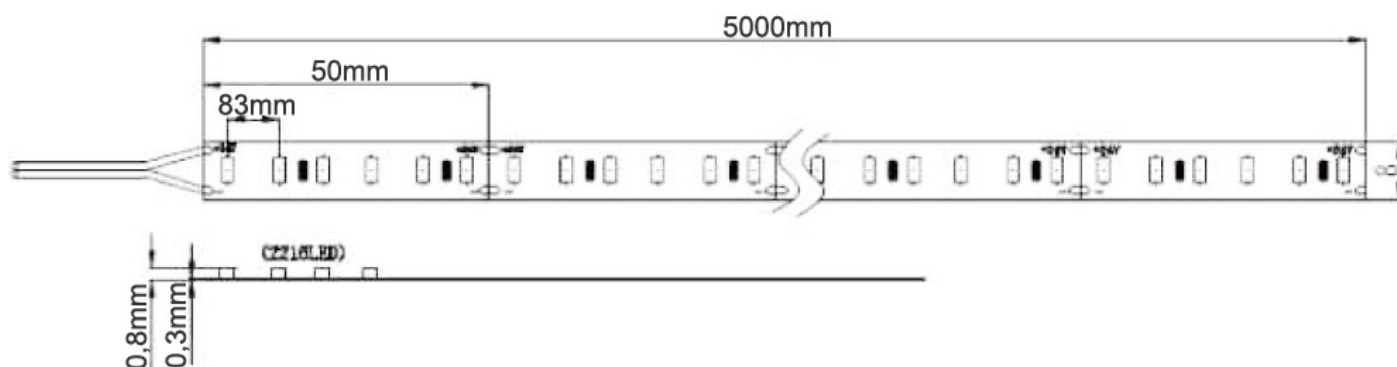
DARKLIGHT DESIGN

LIGHTFLOW 24V 9.6W IP66

HIGH CRI LINEAR LED TAPE



DIAGRAM



PRODUCT OVERVIEW

- Light source: 2216 SMD SANAN (Philips) LED
- LED quantity: 120LED/m
- PCB width: 8mm
- Working Voltage: 24V
- Rated Current: 400mA/m
- Rated Power: 9.6W/m
- Radiance Angle: 120°
- 3M self-adhesive tape on the back
- Trimmable every 6 LEDs along the cut-mark
- Dimmable with PWM compatible dimmer
- IP66 rated - suitable for exterior use
- Silicone tube covering

All the information in this document is provided in good faith. Darklight Design will not be held responsible for any losses due to inaccuracies within this document.

DARKLIGHT DESIGN

DARKLIGHT DESIGN

LIGHTFLOW 24V 9.6W IP66

HIGH CRI LINEAR LED TAPE

TECHNICAL SPECIFICATIONS (FOR OVERALL MODULE)

Colour	Natural White
IP Rating	IP66
CRI	>90
Voltage	24V
Power	41W
Current	1.7A
Luminous Flux	3600lm
Radiance Angle	120°
Length	5000mm

TECHNICAL SPECIFICATIONS (PER METRE)

LED/m	120
W/m	8.2W
Lm/m	720lm
Lm/W	87.8m
Shipping Units	1/5

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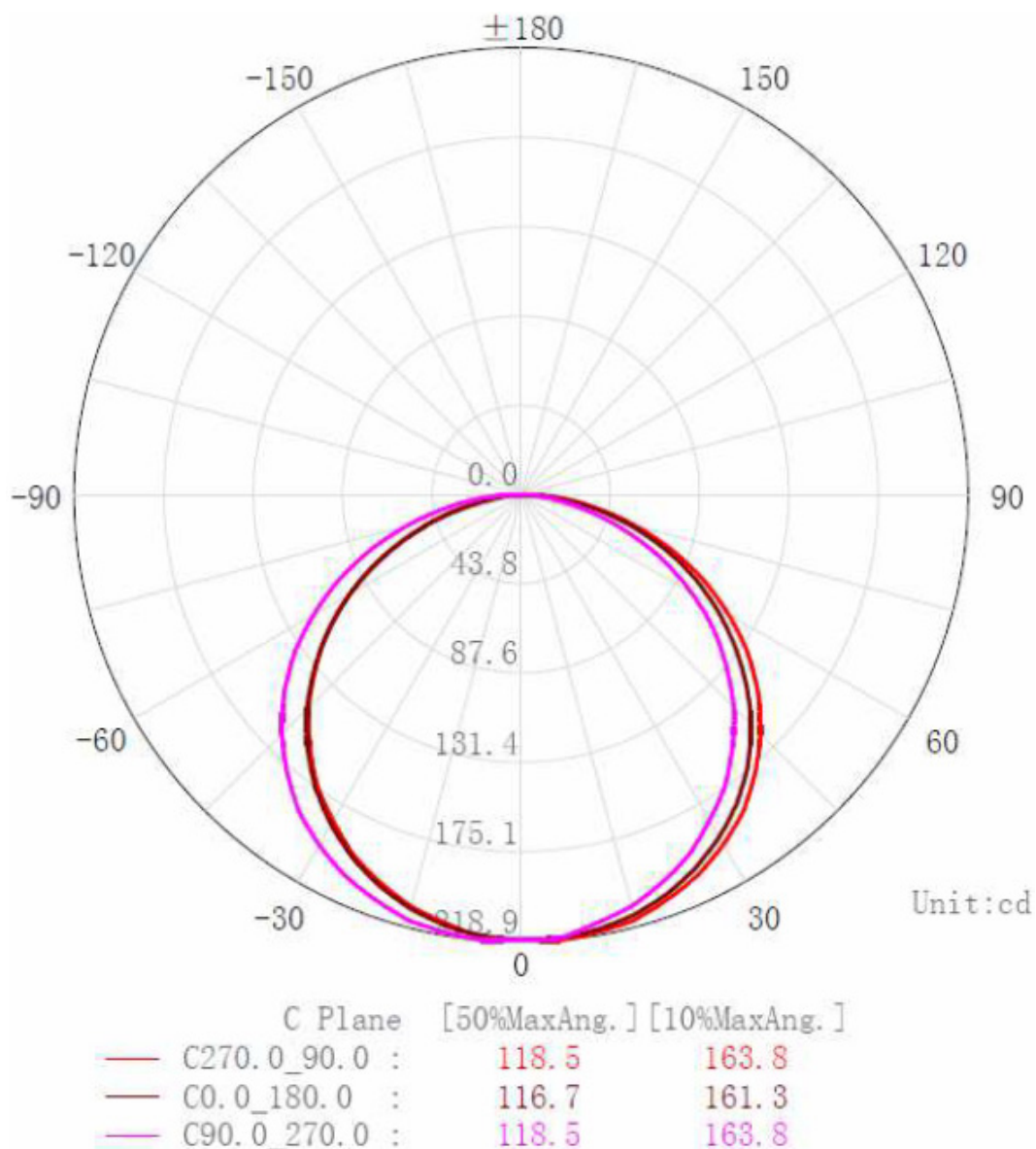
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C PLANE DISTRIBUTION DIAGRAM



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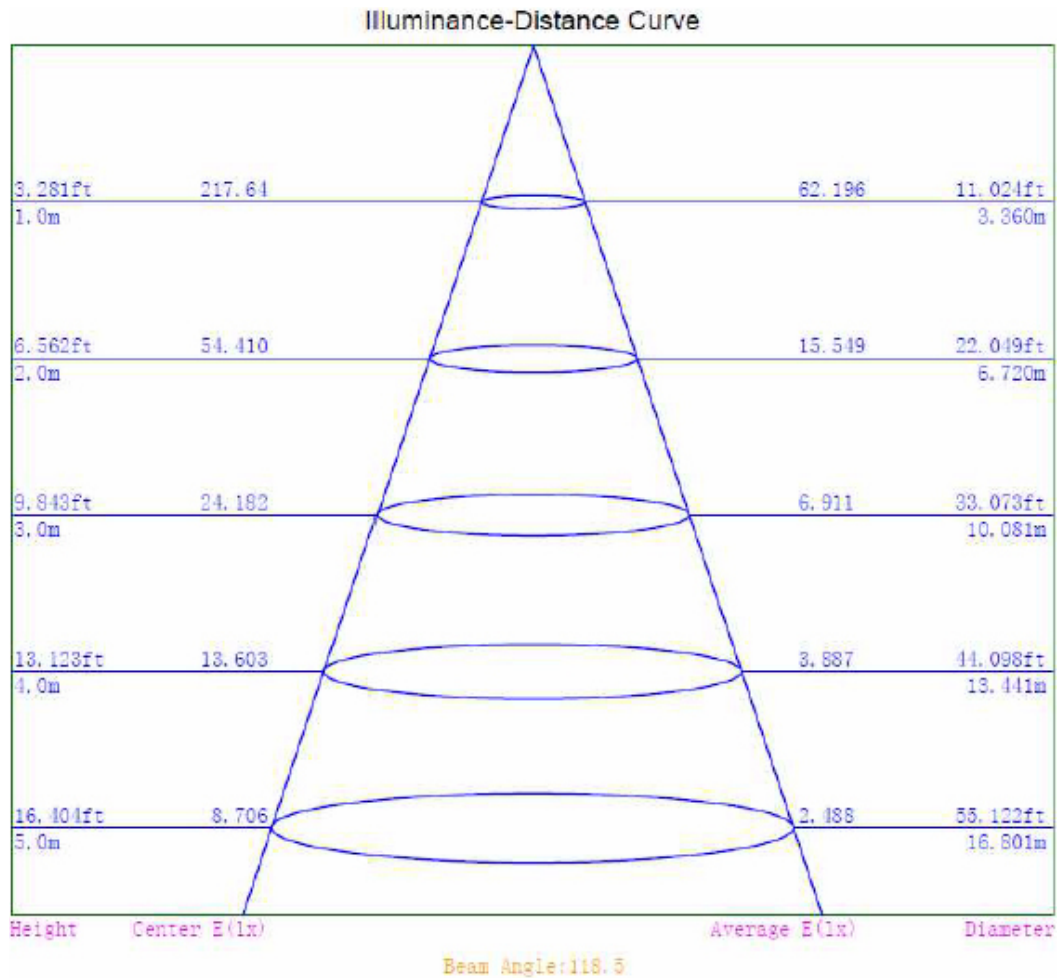
DARKLIGHT DESIGN

DARKLIGHT DESIGN

LIGHTFLOW 24V 9.6W IP66

HIGH CRI LINEAR LED TAPE

LUX TEST DIAGRAM



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DARKLIGHT DESIGN

DARKLIGHT DESIGN

LIGHTFLOW 24V 9.6W IP66

HIGH CRI LINEAR LED TAPE

PLEASE NOTE

- Installation of LED modules (with power supplies) needs to be made in accordance with all applicable health and safety standards. Only qualified personnel should be allowed to perform installations
- Assembly must not damage or destroy conducting paths on the circuit board.
- Observe correct polarity
- Please ensure that the power supply is of adequate power to operate the total load
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation at soldering points between module and the mounting surface
- The maximum run length from any power feed should be limited to 5000mm
- Soldering of wires with the module mounted on a heatsink: Pre-tin solderpads and wires and solder for max 3 s at 350 °C. Allow solderpoints to completely cool down before the next soldering. Prevent shear- or peel forces
- The mounting of the module is facilitated by means of the double-sided adhesive on the back-surface of the module. Care must be taken to provide a clean and dry mounting surface, free of oils or silicone coatings as well as dirt particles. The mounting substrate must have sufficient structural integrity. Take care to completely remove the protective film. Once the module is appropriately positioned, press on the module with about 20N/cm² (refer to application techniques of 3M adhesive transfer tapes)
- The minimum bending radius is 20mm
- When installing in environments with large variations in temperature and operating length of more than 2m, the use of metallic mounting surfaces is necessary. Otherwise it is advisable to use an additional thicker adhesive tape to absorb the stress of any mismatch in expansion coefficients

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