PLANET LIGHTING

PLANET
LED PUCK
AIR CATENARY
Compact Catenary System

Minimal Footprint
Maximum Effect

LED Puck Air is the incredibly lightweight, highly versatile, and exceptionally elegant catenary lighting system for today's modern world. High performance yet only a fraction of the size and weight of other systems, Air enables safe, reliable, clutter-free catenary and welcomes infinite design possibilities for everything from outdoor gathering spaces to indoor accent lighting.

AIR CATENARY

Planet LED Puck Air Catenary gives designers and engineers unparalleled aesthetic discretion and precise lighting control in a lightweight, and endlessly versatile catenary package.

With a luminaire weighing in at only 100g, Air's clever, clutter-free system maximises design options and the potential of urban and public lighting.

Discover limitless applications across indoor and outdoor applications including high-end retail, captivating displays, immersive galleries, and extraordinary outdoor spaces.

SPECIFICATIONS*

IK10 **IP67** CE **ETL LISTED US Intertek** **c ETL LISTED Intertek**

ETLus conforms to UL2108
cETL conforms to CSA C22.2 #250.0

Technical
8W
3 Step MacAdam Ellipse
L90 B10 >100,000h
CRI 80+ (CRI 90+ option)

Performance
Up to 850lm (8W @ 4000k over 100lm/w)

Optics
Polycarbonate / PMMA

Distribution
Available in a range of distributions:
Circular, Oval, Decorative (see pages 4-6)

Emitter Options
BINNING: 3-step bins, 2200K-5700K CCT
Tunable White, RGBW and 17 colour options

Material
Marine Grade Aluminium

Finishes
Anodised Black Matte (Standard)
Lens Ring Colour Options Available

Ambient Operating Conditions
Min. -40°C / Max. 55°C

Protection Class
IP67 / IK10

Electrical
24VDC

Installation
Ø3mm twin cable suspension (supplied by manufacturer)

Control
GLOBAL: O-10, DMX, RDM, DALI, Phase, Casambi;
INDIVIDUAL: DMX, RDM, DALI, Casambi

Dimensions & Weight
Ø25mm x Ø150mm (standard body)
~100g per luminaire (standard body)
See following pages.

Cable Specifications
Single core 1.00mm^2 tinned copper with Kevlar braid

*Specifications are subject to change without notice.

Engineer the experience with Air Catenary.

LED BY **CREE**

ANTI GLARE

HIGH lm/W

SUPERIOR **BEAM** CONTROL

FAST INSTALL

DESIGN VERSATILITY

WEATHER RESISTANT

IMPACT RESISTANT
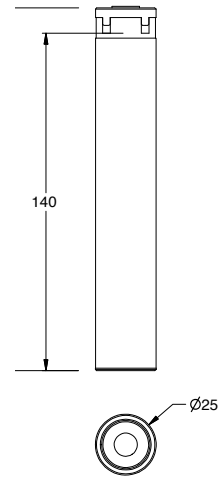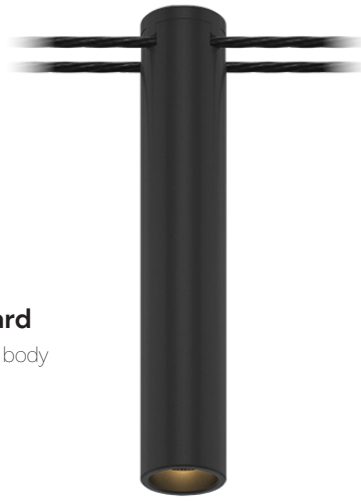
5 YEAR WARRANTY

MADE IN **AUSTRALIA**

BODY OPTIONS

Get creative with Planet LED Puck Air's clever family of options.

Choose either Standard, Axis or Pendant body type, then select your distribution, emitter and options. Interchangeable accessories and options are also available.
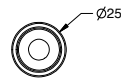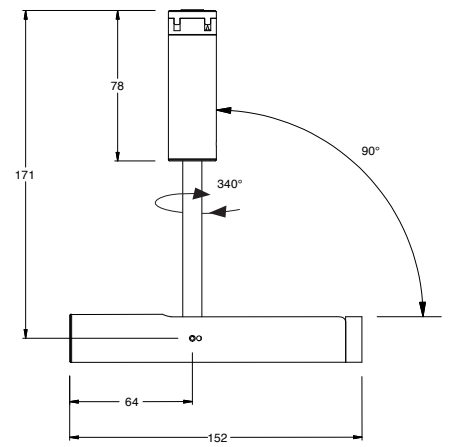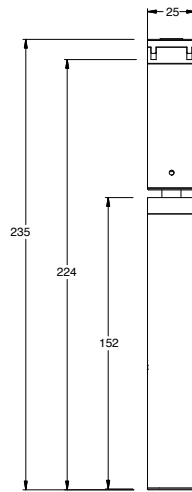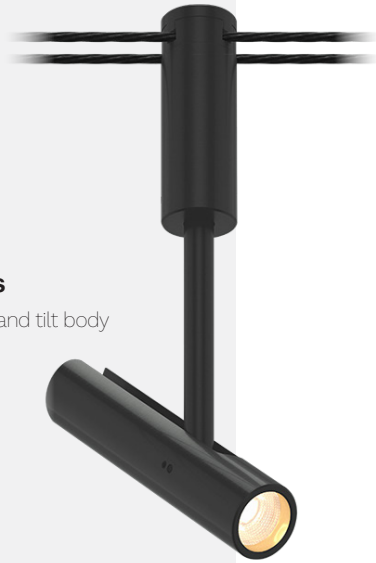
Note, final dimensions will depend on which options are chosen.

Standard
standard body

140

Ø25

weight ~110g

Axis
pan and tilt body

25

235

224

152

78

171

340°

90°

64

152

Ø25

weight ~144g

Pendant
suspended body

44

Specify cable length in mm

154

Ø25

Not to scale
Dimensions in mm
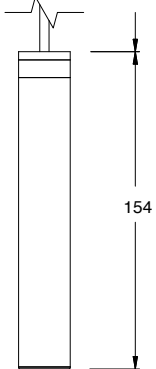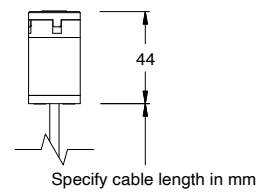
weight ~145g + 15g cable length per 5

PLANET
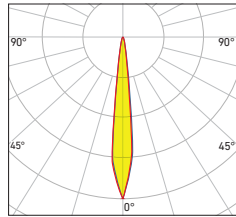**LED PUCK**

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PHOTOMETRICS

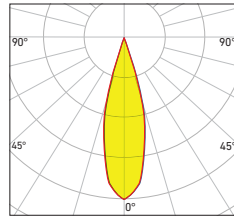Available in a range of distribution options from our Air family.
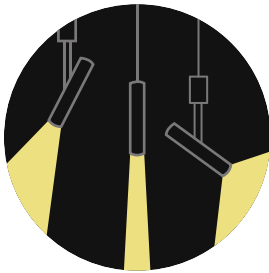
Air Director

Precise, high uniformity and limitless flexibility, our Air Director series lets you sculpt with light with incredible control.
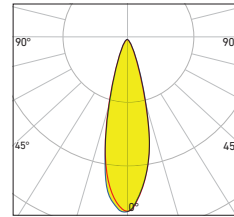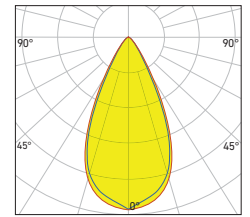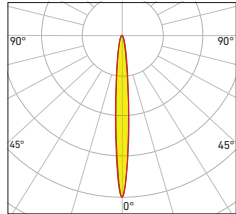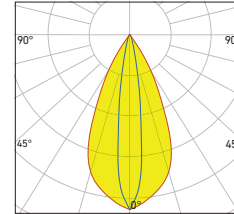
Air Spots

Spot

Narrow

Medium

Wide

Snoot

Oval

Air Spots, Snoot, and Oval distributions are compatible with our Air accessories.
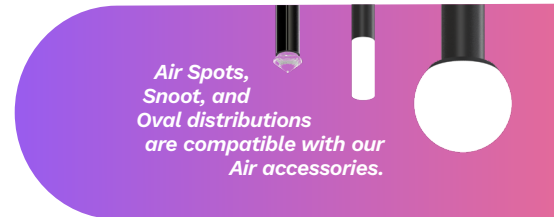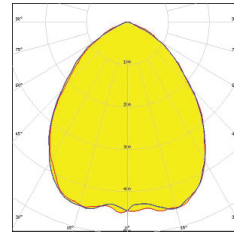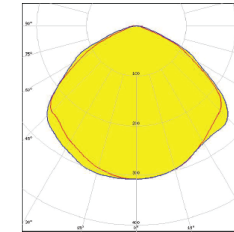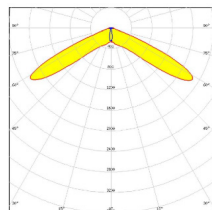
Air Floods
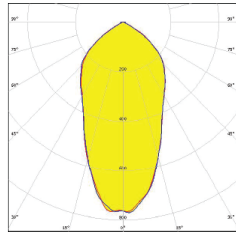
Flood Narrow

Flood Medium

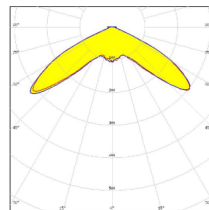Flood Wide

Air Batwings
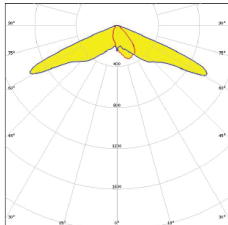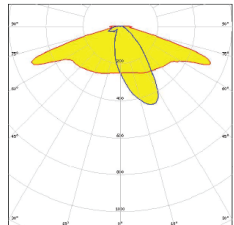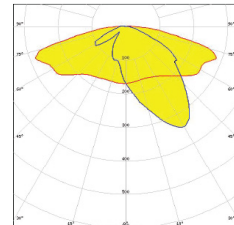

Batwing Line

Batwing Square
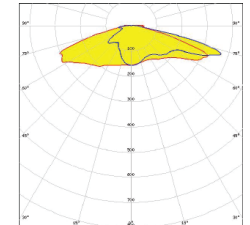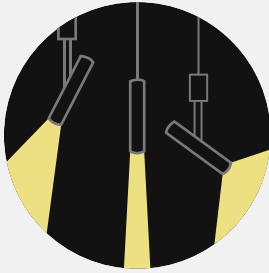
New Asymmetric Range: Air Street!

Our new asymmetric options are optimised for road and path lighting. Air Street enables extremely wide spacings while maintaining great uniformity and light levels.

Air Street

T1

T2

T3

T4

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PHOTOMETRICS

Available in a range of distribution options from our Air family.

Air Director

Precise, high uniformity and limitless flexibility, our Air Director series lets you sculpt with light with incredible control.
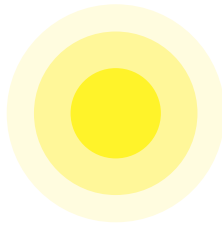
Air Zoom

Flexible focus beam adjustment from narrow to wide (~10° to 60°)

sliding beam control

Iris/aperture control lever
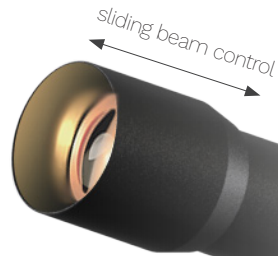
Air Iris

Adjustable beam limiter from narrow to wide

Special beams Air Zoom (top right) and Air Iris (bottom right)

DATASHEET   AIR CATENARY

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Air Brilliant range available in various distributions for decorative and ambient effect.
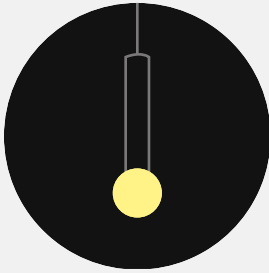
Air Brilliant

Decorative and diffuse distribution options to set the mood and ambience.

DISTRIBUTION		DESCRIPTION
Air Diamond		Cut glass with high refractive effect producing a distinct star-shaped pattern and bright centre point
Air Prism		Cut glass with a soft yet defined kaleidoscope effect
Air Wand		Modern festoon dual lighting effect
Air Globe		Modern festoon lantern. Choose from Globe Closed, Globe Open, Globe Half, Globe Silver, Globe Frosted or Globe Glass.

LED OPTIONS

Available in a range of white options (2200K-5700K CCT), Tunable White, or RGBW. Also available in 17 colours.

2200K (22)	4000K (40)	Tunable White (TW)
2700K (27)	5000K (50)	RGBW (RGBW)
3000K (30)	5700K (57)	
3500K (35)		

				White WT Neutral	White WT Warm	PhotoRed HR 650-670nm
White WT Cool						
Violet VL 400-420nm	RoyalBlue RY 450-460nm	Blue BL 460-475nm	Cyan CY 490-510nm	Green GR 520-535nm	Amber AM 585-595nm	Red-Orange RO 610-620nm	Red RD 620-630nm
		Phosphor PB Blue	Phosphor PC Cyan	Phosphor PL Lime	Phosphor PA Amber	Phosphor PO Red-Orange	Phosphor PR Red
			Phosphor PM Mint	Phosphor PY Yellow		

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ACCESSORIES, FINISHES & EXTRA OPTIONS

Choose your finish, accessories and any additional options. LED Puck Air Catenary comes standard in anodised black marine grade aluminium with matching lens ring.

*Please note: Air Batwings, Air Floods and Air Street distributions are **not compatible** with Air accessories*

Titlable wall mount accessory

Up to
180°

Pole mounting options also available

New Air Projector Accessory!

Pair Air Pendant with our economical wall and pole mounting option, Air Projector.

FINISH / ACCESSORY		DESCRIPTION
Black Matte Body (Standard)		Anodised standard black marine grade aluminium
Black Lens Ring Finish (Standard)		Standard black lens ring finish
Gold Lens Ring Finish		Gold lens ring finish
Silver Lens Ring Finish		Silver lens ring finish
Painted Finish		Painted finish (please specify or contact us)
CRI 90+		CRI90+
Barn Doors		4 door adjustable barn doors
Air Lens Cover		Polycarbonate lens cover

Spec Your LED Puck Air
The Way You Want It!

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HARDWARE

Mounting hardware sets are available for various mounting surface types. Sets come complete with Mount, Turnbuckles, blocks and grub screws. Cable and Drivers are available separately. See our Mounting Reference Guide for more details or contact your supplier.

Total Installed horizontal loading:

40-50kg tensile force.

Spec Your Mounting
See our Air Catenary Mounting Reference Sheets

Masonry

MAS-SET
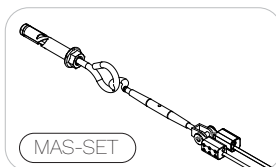
Masonry Mount Set
For masonry surfaces

Timber

TIM-SET
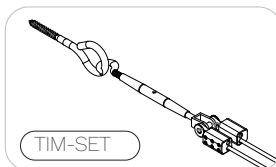
Timber Mount Set
For timber surfaces

Metal

Product code

MET-SET
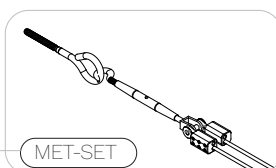
Metal Mount Set
For metal surfaces

Pole*

POLXXX-SET
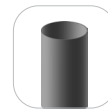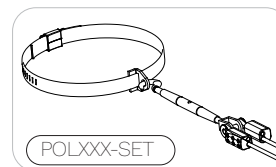
Pole / Tree Mount Set
*Remember to specify diameter. For example, the code P150 means one Pole/tree Mount Set to fit 150mm diameter.

Other*

?

UNI-PLA
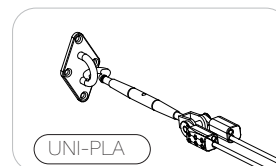
Universal Plate Mount Set
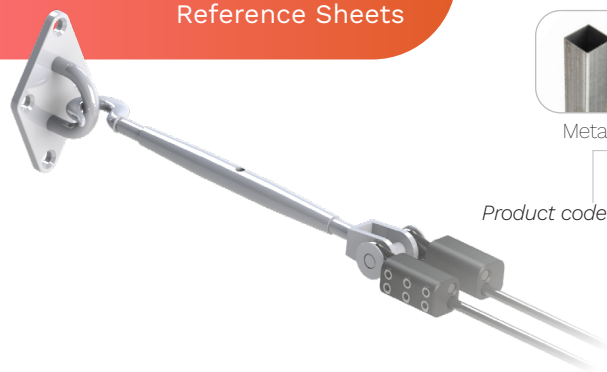Please contact us for advice.

Mounting hardware sets available for all surface types.

CONNECTION

Air Catenary has a combined all-in-one twin cable suspension and power system, including Dim over power. There is no need for a separate power cable.

Air will conveniently mount and connect simultaneously via its screw on/off cap making repositioning simple.

Instant mounting and connection via Air's screw on cap.

twin cable provides suspension and power
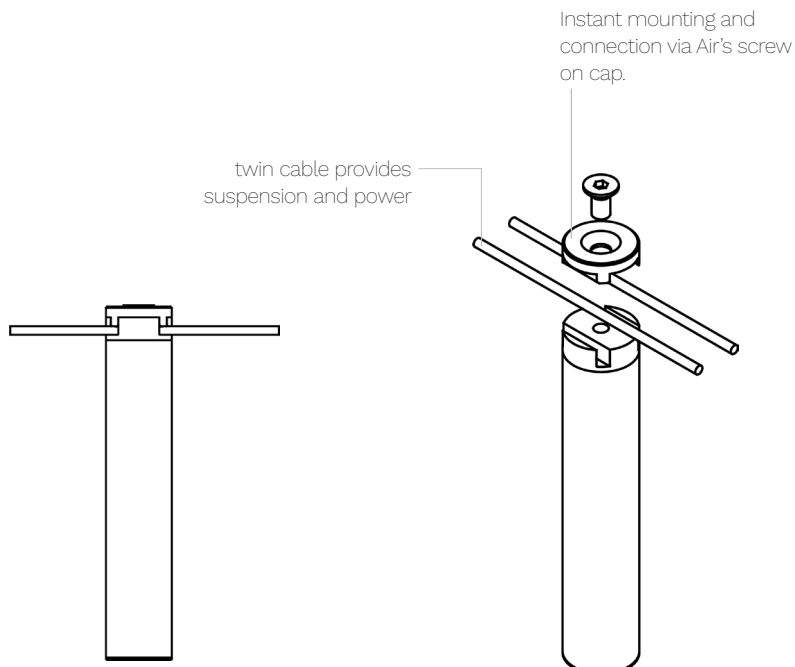
Luminaire connected (cap on)
Side view

Luminaire disconnected (cap off)
Isometric view.

*Specifications are subject to change without notice.

Not to scale

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SPECIFY YOUR AIR CATENARY

Customise your Planet LED Puck Air to meet your specific requirements. Refer to the sample product code and accompanying product code table provided for guidance. For more detailed information, visit our website or contact your Planet Lighting supplier.
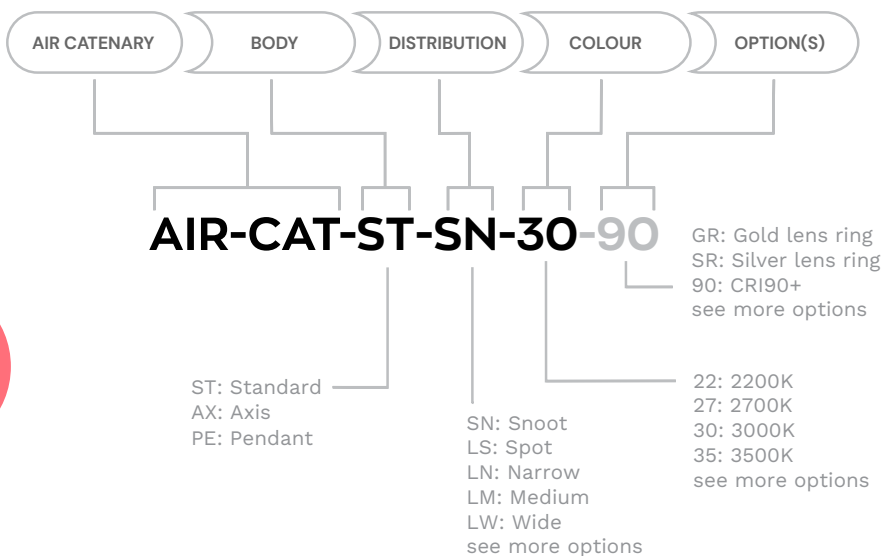
Ask Us

Your success is important to us. Get in touch with your Planet LED Puck supplier today.

AIR CATENARY → BODY → DISTRIBUTION → COLOUR → OPTION(S)

AIR-CAT-ST-SN-30-90

GR: Gold lens ring
SR: Silver lens ring
90: CRI90+
see more options

22: 2200K
27: 2700K
30: 3000K
35: 3500K
see more options

SN: Snoot
LS: Spot
LN: Narrow
LM: Medium
LW: Wide
see more options

ST: Standard
AX: Axis
PE: Pendant

PRODUCT CODES

Body

ST	Standard body
AX	Axis body (pan and tilt)
PE	Pendant body

Distribution

Air Director Range

SN	Snoot	Beam Limiter
LS	Spot	Extra Narrow Spot
LN	Narrow	Narrow Spot
LM	Medium	Medium Spot
LW	Wide	Wide Spot
FN	Flood Narrow	Narrow Flood
FM	Flood Medium	Medium Flood
FW	Flood Wide	Wide Flood

LO	Oval	Wide Elliptical
BS	Square	Batwing Square
BL	Line	Batwing Line
ZO	Zoom	Adjustable Focus
IR	Iris	Adjustable Limiter

Air Street Range

T1	T1	
T2	T2	
T3	T3	
T4	T4	

Air Brilliant Range

DI	Diamond	
PR	Prism	
WA	Wand	
GO	Globe Open	
GC	Globe Closed	
GH	Globe Half	
GS	Globe Silver	
GF	Globe Frosted	
GG	Globe Glass	
	Custom Beam Angle (please enquire)	

Colour

22	2200K
27	2700K
30	3000K
35	3500K
40	4000K
50	5000K
57	5700K

VT	Violet
RY	Royal Blue
BL	Blue
PB	PC Blue
CY	Cyan
PC	PC Cyan
GR	Green
PM	PC Mint
PL	PC Lime
PY	PC Yellow

AM	Amber
PA	PC Amber
PO	PC Red-Orange
RO	Red-Orange
PR	PC Red
RD	Red
PH	Photo Red
RGBW	RGBW
TW	Tunable White
Custom (please enquire)	

Custom Options

GR	Gold Lens Ring Finish
SR	Silver Lens Ring Finish
P	Painted Finish (please specify)
90	CRI 90+
BD	Barn Doors
LC	Air Lens Cover

DATASHEET AIR CATENARY

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