



PLANET
LIGHTING

DATASHEET

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*



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

3-step bin 2200K-5700K CCT
Tunable 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

48VDC

Installation

Ø3mm twin cable suspension (supplied by manufacturer)

Control

GLOBAL: 0-10, DMX, RDM, DALI, Phase, Casambi;
INDIVIDUAL: DMX, RDM, DALI, Casambi

Dimensions & Weight

Ø25mm x 150mm (standard body)
~100g per luminaire (standard body)
See following pages.

Cable Specifications

Single core 1.00mm² tinned copper with Kevlar braid

Catenary Option

For longer catenaries (>40m) or larger loads (>240W) or minimal sag (<1%) we suggest using a stainless steel support cable.

Engineer the experience with Air Catenary & improved smooth dimming response.



*Specifications are subject to change without notice.



BODY OPTIONS

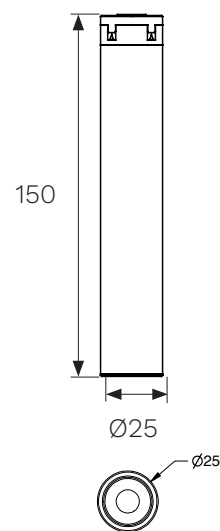
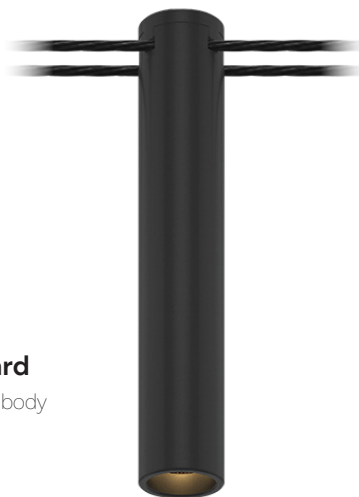
Get creative with Planet LED Puck Air's clever family of options.

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

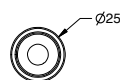
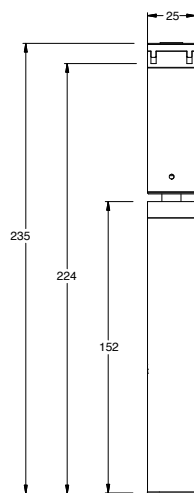
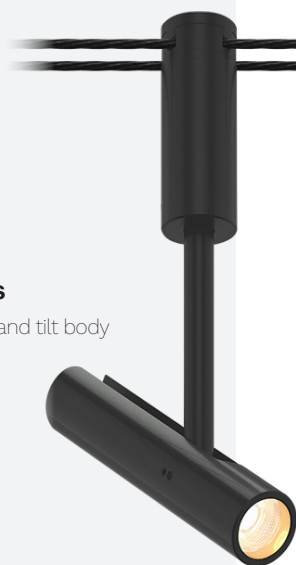
standard body



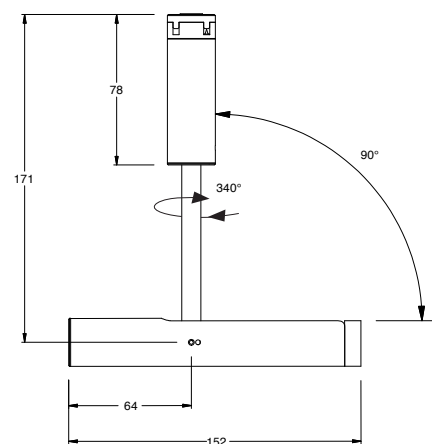
weight ~110g

Axis

pan and tilt body

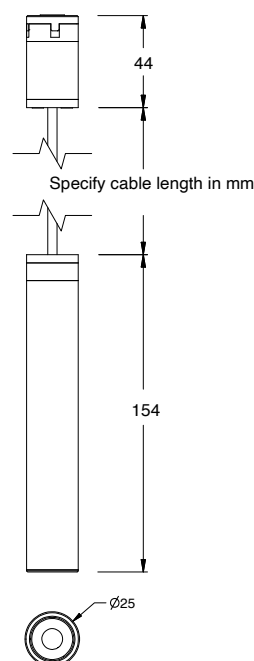


weight ~144g



Pendant

suspended body



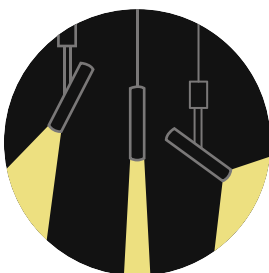
weight ~145g + 15g cable length per 5

Not to scale
Dimensions in mm



PHOTOMETRICS

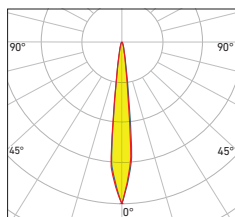
Available in a range of distribution options from our Air family.



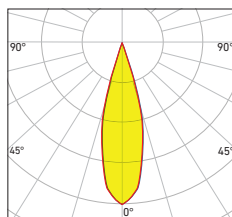
Air Director

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

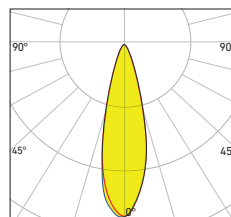
Air Spots



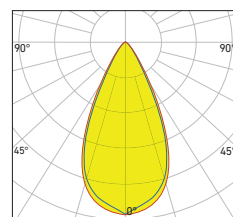
Spot



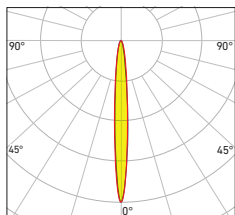
Narrow



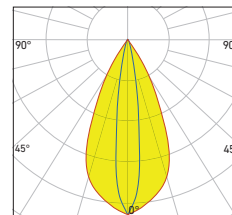
Medium



Wide



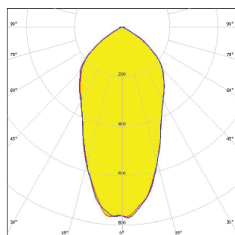
Snoot



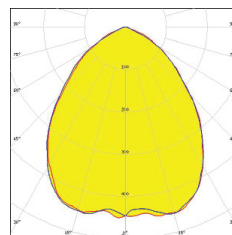
Oval

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

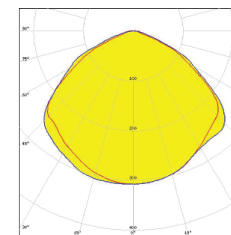
Air Floods



Flood Narrow

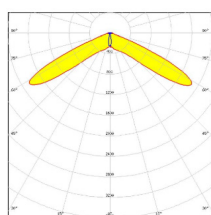


Flood Medium

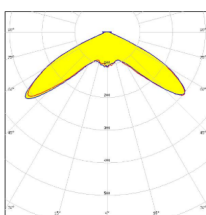


Flood Wide

Air Batwings

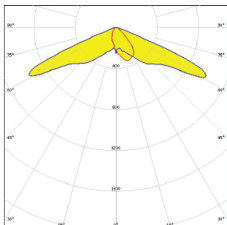


Batwing Line

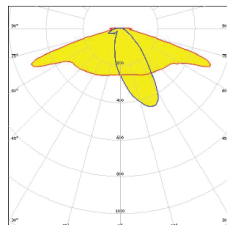


Batwing Square

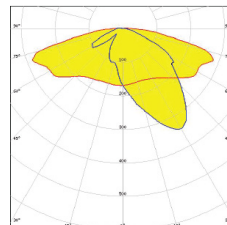
Air Street



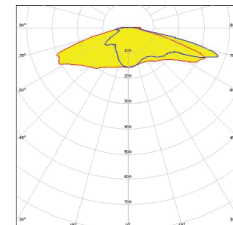
T1



T2



T3



T4

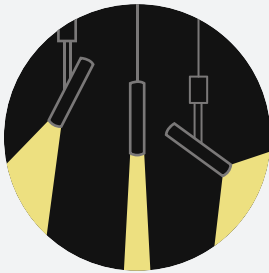
New Asymmetric Range: Air Street!

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



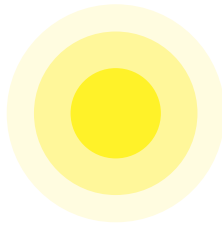
PHOTOMETRICS

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



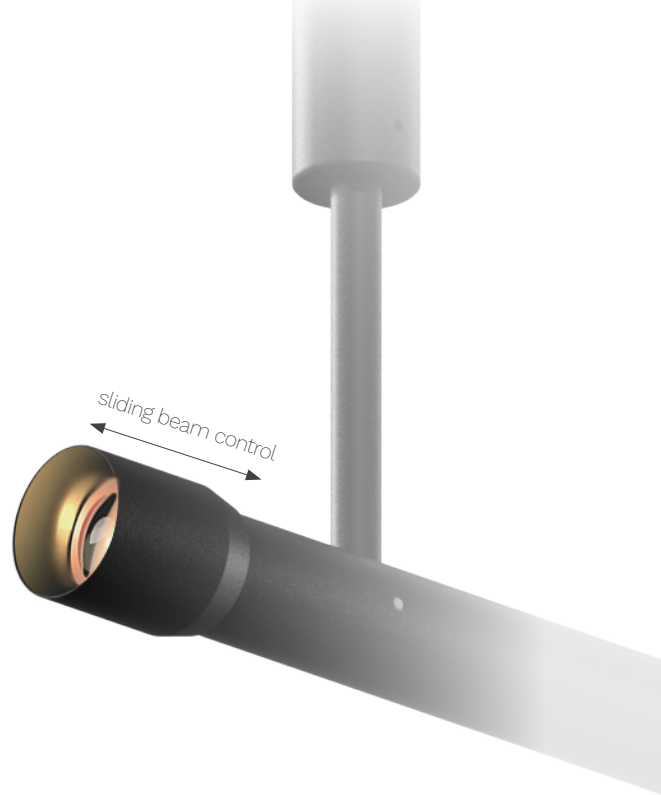
Air Director

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°)



Air Iris

Adjustable beam limiter from narrow to wide

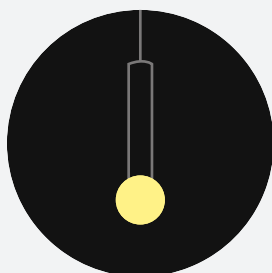
Iris/aperture control lever



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



PHOTOMETRICS



Air Brilliant

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



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

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), or Tunable with two temperatures or colours. Also available in 17 colours.

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

White WT Cool					White WT Neutral	White WT Warm	PhotoRed HR 650-670nm
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		



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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[AIR CATENARY](#)

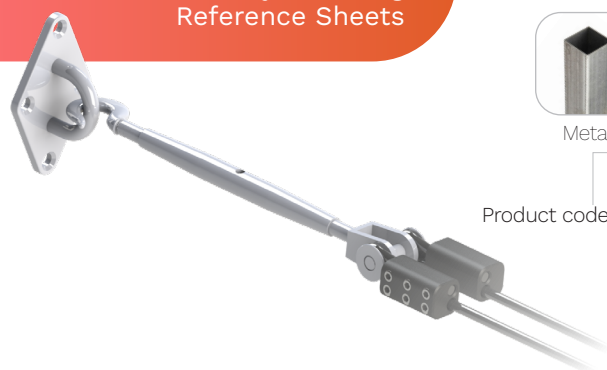


HARDWARE

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.

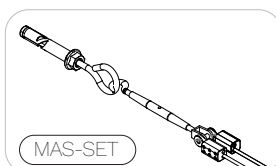
Spec Your Mounting
See our Air Catenary Mounting
Reference Sheets



Product code



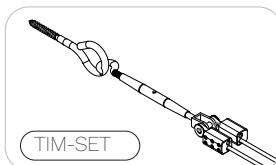
Masonry



Masonry Mount Set
For masonry surfaces



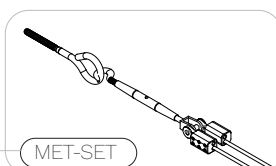
Timber



Timber Mount Set
For timber surfaces



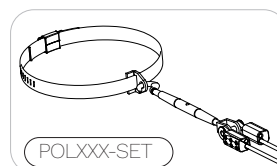
Metal



Metal Mount Set
For metal surfaces



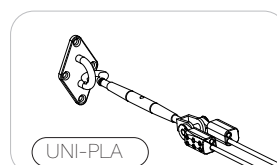
Pole*



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



Other*



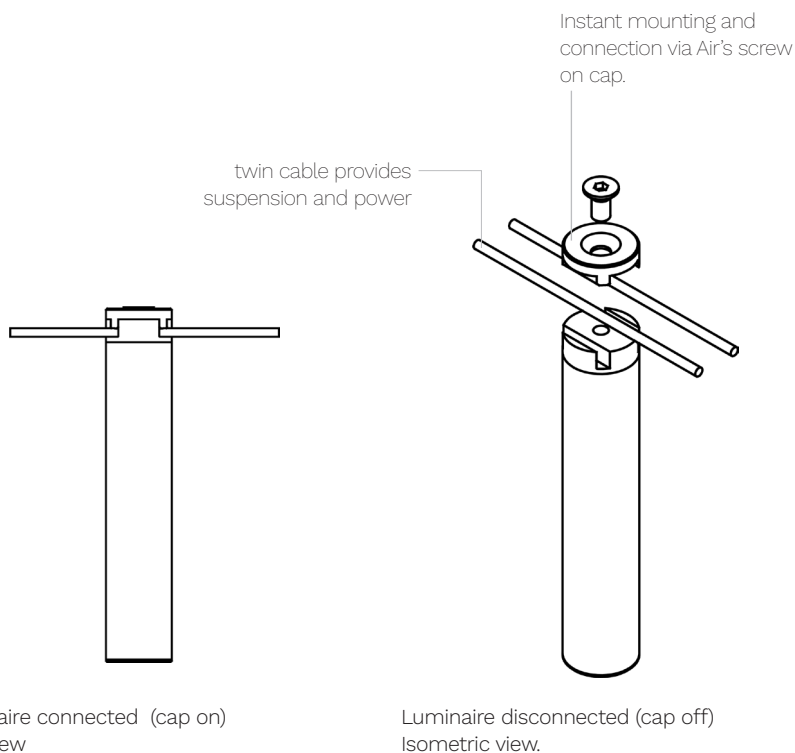
Universal Plate Mount Set
Please contact us for advice.

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.



Luminaire connected (cap on)
Side view

Luminaire disconnected (cap off)
Isometric view.

*Specifications are subject to change without notice.

Not to scale

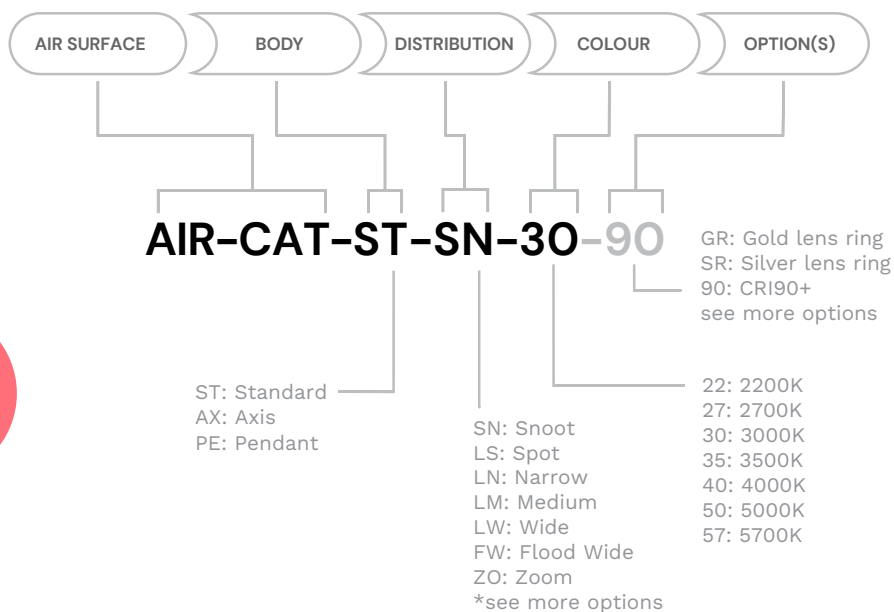
DATASHEET

AIR CATENARY



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.

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

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
TW	Tunable
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

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