



PLANET
LIGHTING

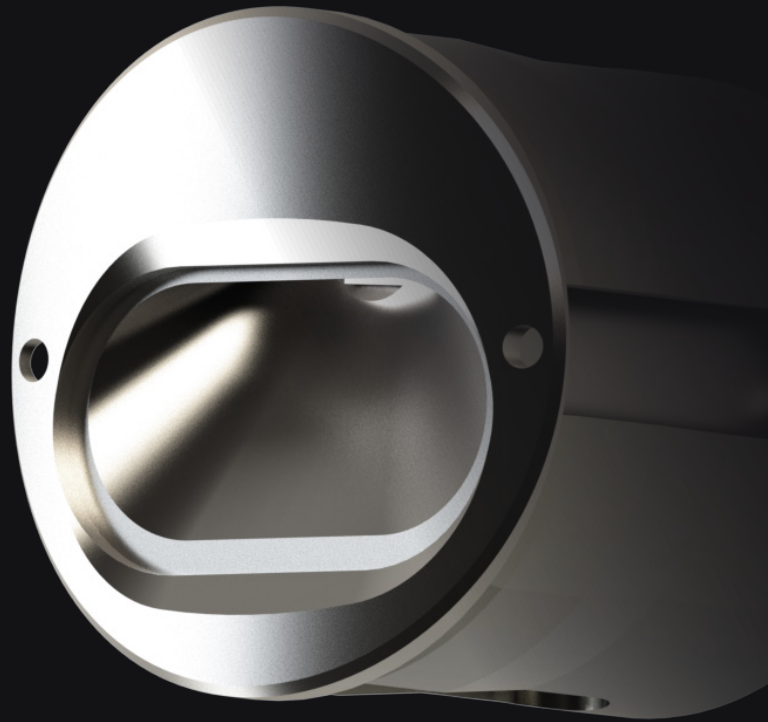
DATASHEET

PLANET
LED PUCK

MEGA PUCK APERTURE

Keep the path bright and our skies dark with MegaPuck Aperture: our extreme asymmetric technology combined with extreme glare and uplight control.

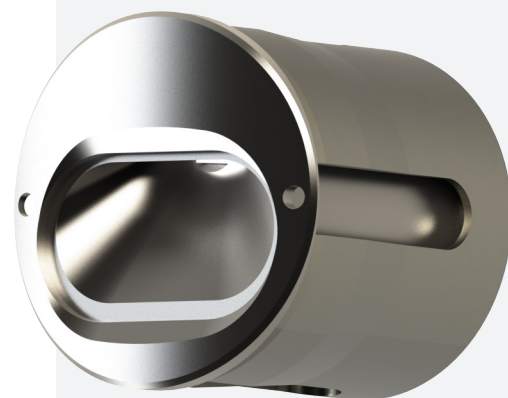
With a Upwards Light Ratio (ULR) of <1%, MegaPuck Aperture is the ideal tool for keeping pathways well-lit while minimising light pollution. A versatile lighting solution for wall washing, paths and more, direct light precisely where you need it – with no spill or waste.



MEGAPUCK APERTURE

MegaPuck Aperture is our extreme asymmetric versatile luminaire with extreme glare and uplight control. Direct light where you need it – with no light waste.

Engineered for precision and sustainability, MegaPuck Aperture is adaptable to various installations, poles, bollards, or even flat surfaces, and seamlessly integrates into existing structures. Easy to install & discreet, it's time to break free from lighting limitations.



Engineer the experience
with MegaPuck Aperture

SPECIFICATIONS*



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



Technical

8W/700mA Max. (in metallic substrate)
6W/500mA Max. (in non-metallic substrate)
3 Step MacAdam Ellipse
L90 B10 >100,000h
CRI 80+ (CRI 90+ option)

Performance

Up to 500lm (in metallic substrate)
Up to 300lm (in non-metallic substrate)

Optics

Polycarbonate / PMMA

Distribution

Only available in asymmetric

Emitter Options

3-step bins, 2700 K—4000 K CCT
Tunable White, RGBW and 17 colour options

Material

Anodised aluminium

Finishes

Anodised black
Anodised bright
Powdercoat option (RAL colour)

Ambient Operating Conditions

Min. -40° / Max. 55°

Protection Class

IP67 / IK10

Electrical

Series: Can be wired in series:
Up to 8 MegaPucks in series from a TCI
MAXI JOLLY HV constant current LED
driver set to 500mA; or,
Up to 6 MegaPucks in series from a TCI
MAXI JOLLY HV constant current LED
driver set to 700mA.
Parallel: Can be wired in parallel using
24VDC (with 1 x inline DC-DC driver per
MegaPuck).

Installation

Can be integrated into flat or curved
surfaces with a minimum thickness of
2mm. Flush or 1mm proud finish:

Flush Finish:

Flat Surfaces: Ø30mm hole with Ø32mm
x 1mm rebate (requires >3mm material
thickness)

Curved Surfaces: Ø30mm hole with Ø32mm x
2.75mm rebate

Proud Finish (1mm):

Ø30mm hole

Control

1-10 v | DALI | DMX | ZigBee | Casambi Blue
Light Link | BasicDIM Wireless



*Specifications are subject to change without notice.

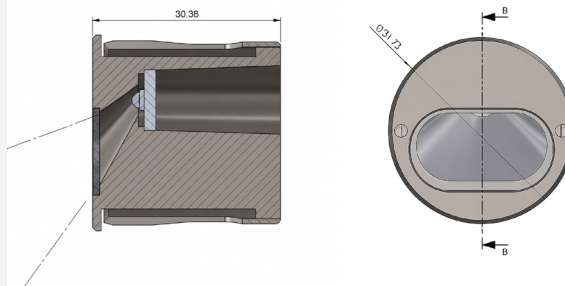


LUMINAIRE DETAIL

Suitable for a range of flat or curved installation surfaces, both metallic and non-metallic.

Applications include integrated lighting into flat surfaces or curved surfaces between 80 to 150mm diameter.

Ideal for bollards, poles and other architectural substrates.



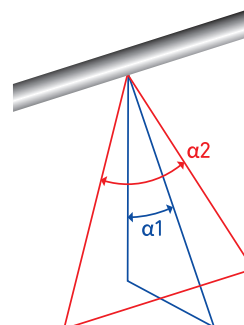
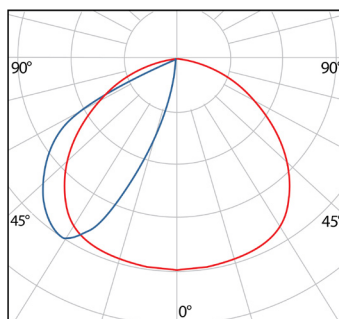
Flat Face



Curved Face

PHOTOMETRICS

MegaPuck Aperture has an extreme asymmetric beam with a ULR of <1%.



LED OPTIONS

Available in 17 colours and a range of white options. Also available in Tunable White and RGBW.

2700K		Tunable White	
3000K		RGBW	
3500K			
4000K			

								Photo Red HR 650-670 nm
Violet VL 400-420 nm	Royal Blue RY 450-460 nm	Blue BL 460-475 nm	Cyan CY 490-510 nm	Green GR 520-535 nm	Amber AM 585-595 nm	Red-Orange RO 610-620 nm	Red RD 620-630 nm	
		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			

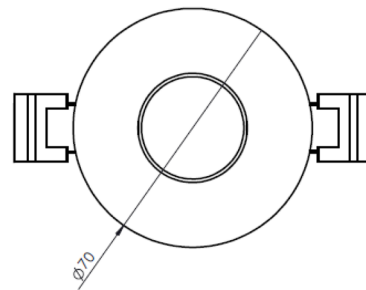
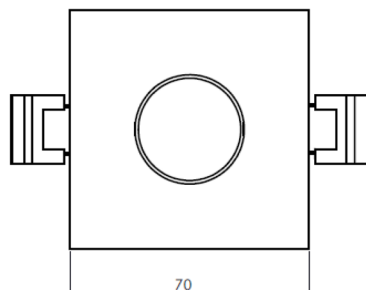
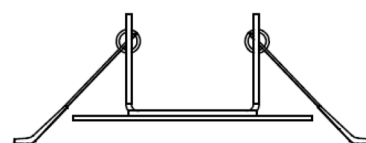
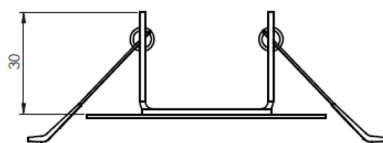
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ACCESSORIES

The Recessed Spring Mount accessory for mounting into non-rigid materials such as plaster or ceiling tiles.

Available in square or circular, black or white, and other shapes and colours on request.



PRODUCT CODE BUILDER

BODY FACE BEAM LED OPTIONS

MEGA-CF-AP-30-BA-Z

MEGA: Metal Substrates &
Non-metal Substrates

CF: Curved Face
FF: Flat Face
(Lens only in FF)

AP: Aperture

18: 1800K
22: 2200K
30: 3000K
35: 3500K
40: 4000K
50: 5000K
60: 6000K
65: 6500K

90: CRI90+
Z: Zero coating
BA: Bright Anodised

Ask Us

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

DATASHEET

MEGAPUCK
APERTURE

