



MICRO CYLINDER 1.5™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

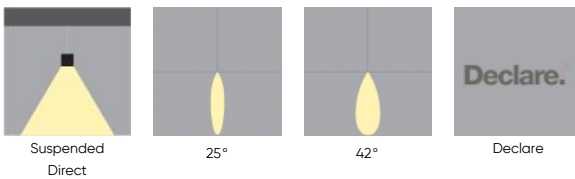


QUANTITIES

1 DESCRIPTION

MICRO CYLINDER merges elegance with minimalism. The refined geometry and lustrous anodized bezels revamp a modest shape into a dashing pendant and complement exquisite interior designs. Choose either a Frosted Drop Lens or one of the anodized bezel finish options to tailor the cylinder's visual character to the space. With lengths ranging from 12" to 36", **MICRO CYLINDER** lends itself to large-scale cascades without being obtrusive or overwhelming to a space. The light output is optimized according to the length of the cylinder allowing more lumen package options for various performance requirements. Regressed optics combined with bezels and a slender profile offer visual and aesthetic comfort. The minimalist form of **MICRO CYLINDER** blends into large spaces and creates a starlight effect when mounted at different levels. With a wide range of length options, this luminaire can be used as a primary source of light, while staggered arrangements add a sense of movement to the space.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Extruded aluminum.

SUSPENSION/POWER CABLE

Power over aircraft cable.

DRIVER

HPF electronic drivers for 120-277V, 347V (EU-240V). The driver is located in the junction box (4" x 4" x 2-1/8") or the remote box. For longer remote distances, consult factory.

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 90+.

REPORTED L70 @25°C (77°F)

> 55,000 hrs

APPROVALS

Damp Rated.

SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

FINISH

Powder coated.

BEZEL

Silver, black or gold anodized.

MECHANICAL

Luminaires mount directly over J box (by others).

SENSORS

Consult factory regarding sensor compatibility.

ESTIMATED L70 @25°C (77°F)

> 200,000 hrs

DESIGN

US Design Patent Pending.

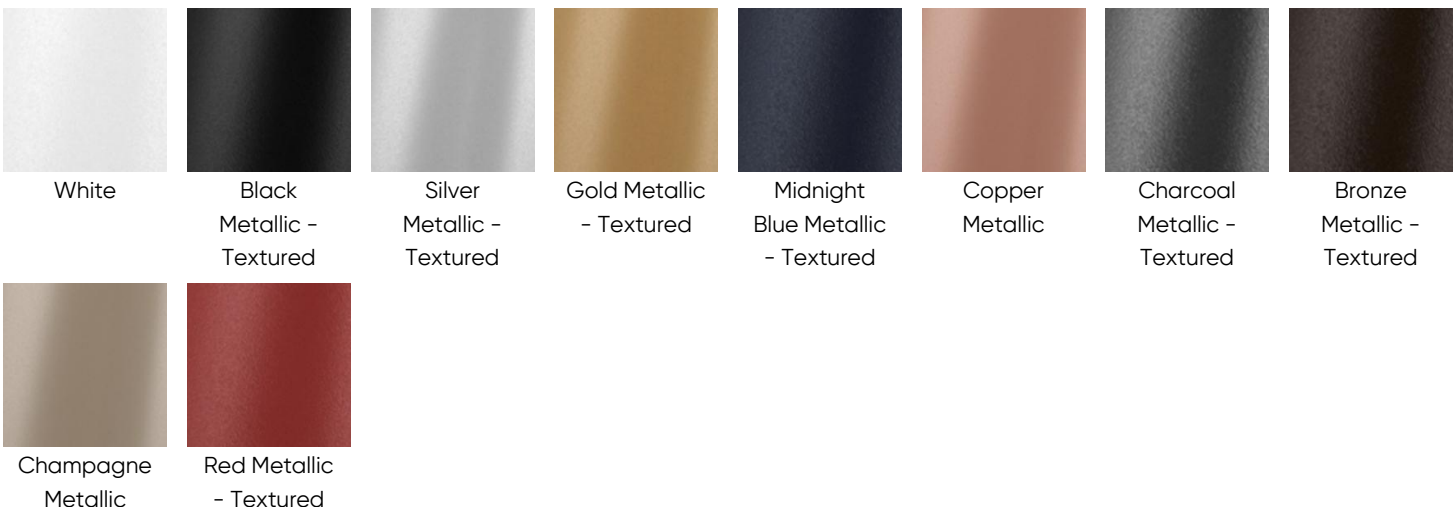
5 DESIGN OPTIONS

FIXTURE FINISH



¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH



FROSTED DROP LENS



Not required

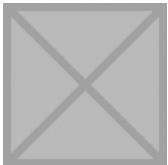


Frosted drop lens required

¹

¹ The frosted drop lens will result in a slight reduction in lumens and a minor change to the beam angle. Refer to the IES files for the exact values.

BEZEL FINISH



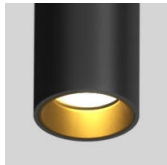
Not required



Black Anodized ¹



Silver Anodized ¹



Gold Anodized ¹

¹ Not available when the frosted drop lens is required.

6 HOW TO ORDER

1. LUMINAIRE

MCYL1P12 12", 800 lms

MCYL1P18 18", 800 lms

MCYL1P24 24", 900 lms

MCYL1P36 36", 900 lms

Data shown based on 42° beam angle. See performance data page in the download section for 25° beam angle.

2. CRI

CR90 CRI 90+

3. CCT

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

4. BEAM ANGLE

BA25 25°

BA42 42°

5. VOLTAGE

V1 120/277V

V2 240V ¹

V3 347V ²

¹ Not available in North America. ²Only available with DA01 dimming.

6. DIMMING

DA01 0-10V Dimming 1.0% ¹

DA02 0-10V Dimming 0.1% ²

DA20 DALI Dimming 0.1% ²

DA21 DALI Dimming 1.0% ²

DA30 DSI/switchDim ^{2 3}

¹ If V1 and DA01 are required in conjunction, the driver will be inside the junction box. For all other voltage and dimming options, the driver will be in a remote box. ² Not available with V3. ³ Not available in North America.

7. FIXTURE FINISH

FA01 White

FA02 Black Metallic – Textured

FA20 Silver Metallic – Textured

FA25 Gold Metallic – Textured

FA27 Wood grain – Light Cherry ¹

FA28 Wood grain – Dark Walnut ¹

FA30 Wood grain – White Oak ¹

FA44 Midnight Blue Metallic – Textured

FA45 Copper Metallic

FA46 Charcoal Metallic – Textured

FA47 Bronze Metallic – Textured

FA52 Champagne Metallic

FA53 Red Metallic – Textured

¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

8. CANOPY FINISH

CF01 White

CF02 Black Metallic – Textured

CF20 Silver Metallic – Textured

CF25 Gold Metallic – Textured

CF44 Midnight Blue Metallic – Textured

CF45 Copper Metallic

CF46 Charcoal Metallic – Textured

CF47 Bronze Metallic – Textured

CF52 Champagne Metallic

CF53 Red Metallic – Textured

9. FROSTED DROP LENS

DRL0 Not required

DRL1 Frosted drop lens required ¹

¹ The frosted drop lens will result in a slight reduction in lumens and a minor change to the beam angle. Refer to the IES files for the exact values.

10. BEZEL FINISH

FB00 Not required FB24 Black Anodized ¹ FB58 Silver Anodized ¹ FB59 Gold Anodized ¹

¹ Not available when the frosted drop lens is required.

11. SUSPENSION

HLA03 3ft cable suspension HLA06 6ft cable suspension HLA09 9ft cable suspension

* Custom lengths up to 20' are available, consult factory.

7 TECHNICAL DATA

LUMINAIRE

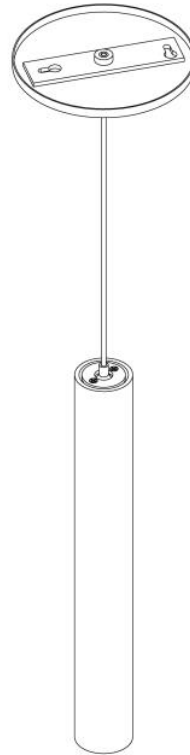
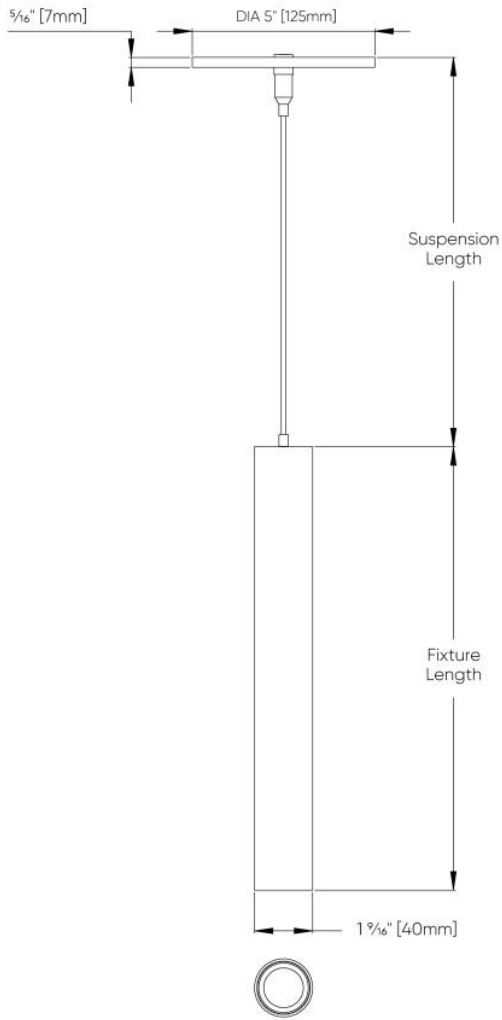
Data shown based on 42° beam angle. See performance data page in the download section for 25° beam angle.

Code	MCYL1P12	MCYL1P18	MCYL1P24	MCYL1P36
Length	12"	18"	24"	36"
Wattage	17	17	20	20
Delivered lms	800	800	900	900
LPW	45	45	44	44

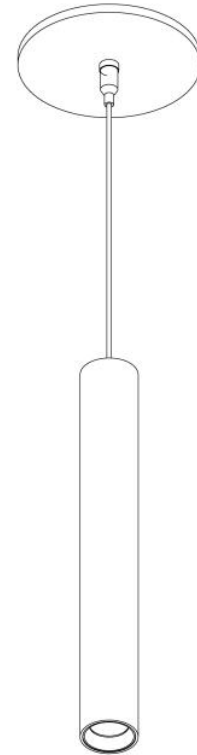
8 PERFORMANCE DATA

BEAM 25°		LENGTH	DELIVERED LUMENS	WATTS / LPW	BEAM 42°		LENGTH	DELIVERED LUMENS	WATTS / LPW
		12"	700	17 / 43			12"	800	17 / 45
		18"	700	17 / 43			18"	800	17 / 45
		24"	800	20 / 43			24"	900	20 / 44
		36"	800	20 / 43			36"	900	20 / 44

9 DIMENSIONAL DIAGRAMS

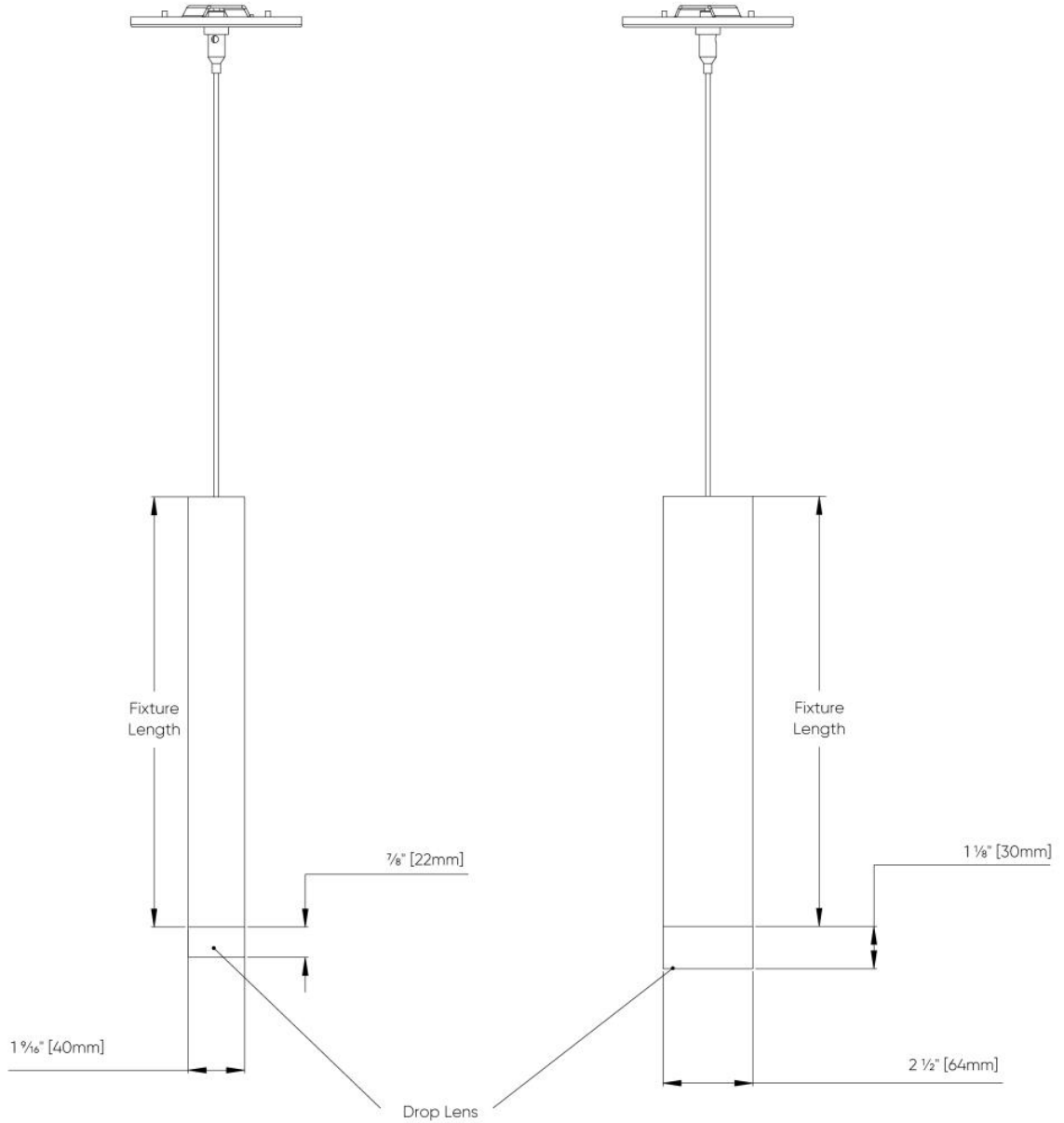


ISOMETRIC TOP VIEW



ISOMETRIC BOTTOM VIEW

Fixture Length	(A)
12" (MCYL2P12)	12" [304 $\frac{1}{8}$ mm]
18" (MCYL2P18)	18" [457 $\frac{3}{8}$ mm]
24" (MCYL2P24)	24" [609 $\frac{1}{2}$ mm]
36" (MCYL2P36)	36" [914 $\frac{3}{4}$ mm]



FROSTED DROP LENS DIMENSIONS