



MICRO CYLINDER 1.5™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

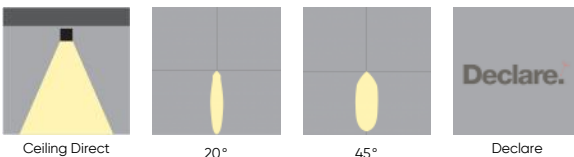


QUANTITIES

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", creative arrangements can be composed to form striking ceiling effects. The light output is calibrated to each cylinder length, providing a range of lumen packages for varying performance requirements. Recessed optics, combined with the slim profile and polished bezels, deliver both visual comfort and a sleek architectural finish.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

BODY

Extruded aluminum.

FINISH

Powder coated.

b MICRO CYLINDER 1.5™ - CEILING SURFACE
 FULL SPECIFICATION SHEET

BEZEL

Silver, black or gold anodized.

DRIVERS

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

REPORTED L70 @25°C (77°F)

> 55,000 hrs

SENSORS

Consult factory regarding sensor compatibility.

DESIGN

US Design Patent Pending.

MECHANICAL

Luminaires mount directly over J box (by others).

DELIVERED LUMENS

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

ESTIMATED L70 @25°C (77°F)

> 200,000 hrs

APPROVALS

Damp Rated.

SUSTAINABILITY

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

5 DESIGN OPTIONS

FIXTURE FINISH



The canopy finish matches the fixture housing finish.

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

FROSTED DROP LENS



Not required

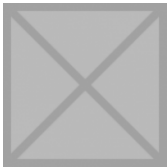


Frosted drop lens required

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.

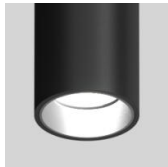
BEZEL FINISH



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

MCYL1C12 12", 800 lms

MCYL1C18 18", 800 lms

MCYL1C24 24", 900 lms

MCYL1C36 36", 900 lms

Data shown based on 45° beam angle. See performance data page in the download section for 20° 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. ² Only 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 Unavailable with V3. ³ Unavailable 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

The canopy finish matches the fixture housing finish.

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

8. 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.

9. 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.

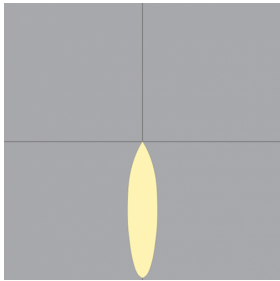
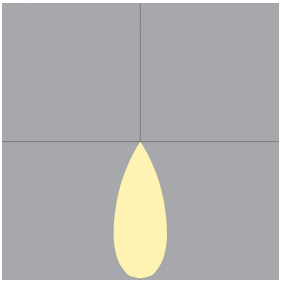
7 TECHNICAL DATA

LUMINAIRE

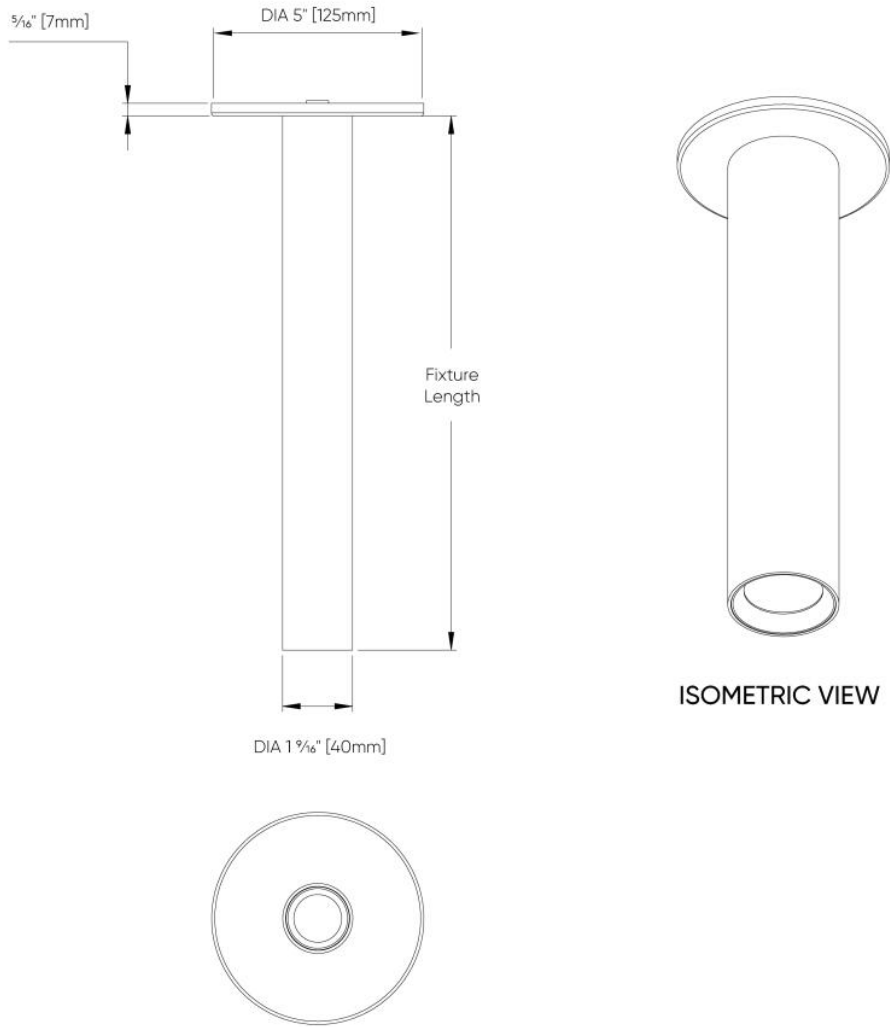
Data shown based on 45° beam angle. See performance data page in the download section for 20° beam angle.

Code	MCYL1C12	MCYL1C18	MCYL1C24	MCYL1C36
Length	12"	18"	24"	36"
Wattage	17	17	20	20
Delivered lms	800	800	900	900
LPW	45	45	44	44

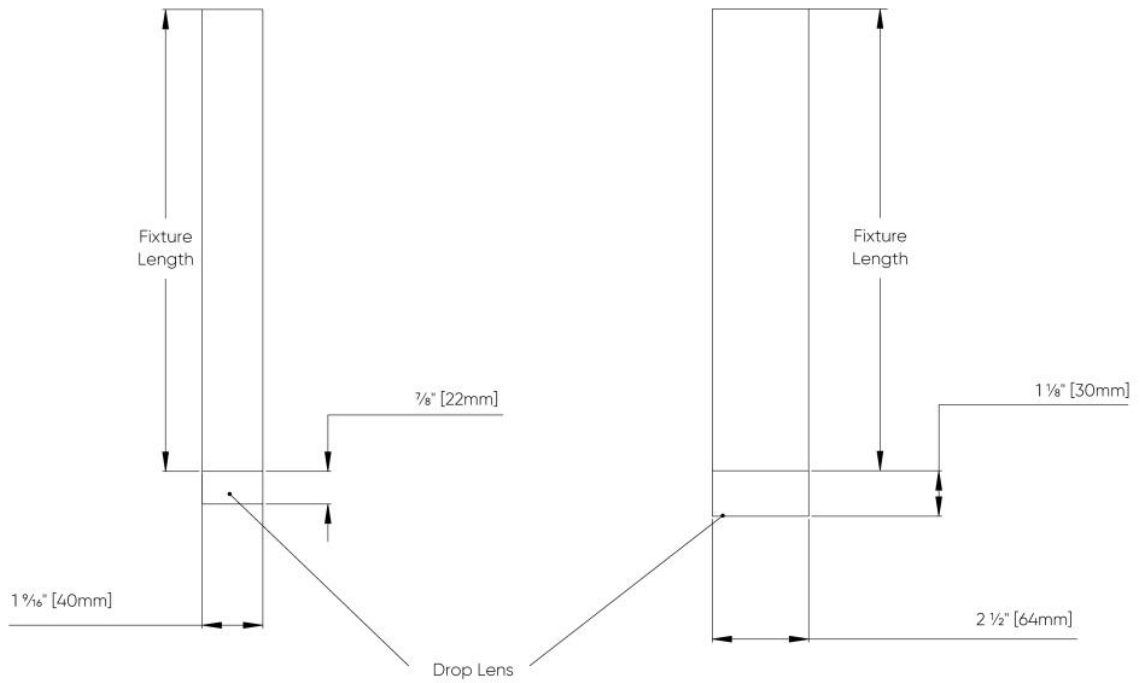
8 PERFORMANCE DATA

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

9 DIMENSIONAL DIAGRAMS



Fixture Length	(A)
12" (MCYL1C12)	12" [304 13/16mm]
18" (MCYL1C18)	18" [457 3/16mm]
24" (MCYL1C24)	24" [609 5/16mm]
36" (MCYL1C36)	36" [914 3/16mm]



FROSTED DROP LENS DIMENSIONS