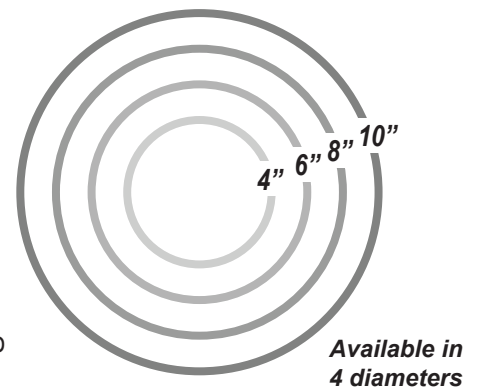




Barbican's award-winning uber-high performance LED cylinders are available in one-foot increments up to 20 feet. These one-piece, tubular fixtures impart a seamless beauty to their environment. Built from a specially synthesized, proprietary material that yields 85% light transmission while offering excellent light diffusing properties, these fixtures can provide all of the light required in a space in a visually interesting and comfortable way.

They are fully washable, presenting a sanitary solution for healthcare and hospitality settings. With RGB capabilities, versatile mounting options, dimming and other sourcing options, these beautiful cylinders can create ambient lighting to meet any requirement for your next project.



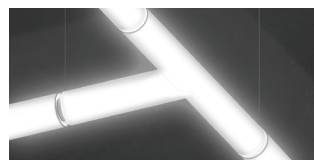
RELATED PRODUCT



HPC3 Straight



HPC3 Curved Bends



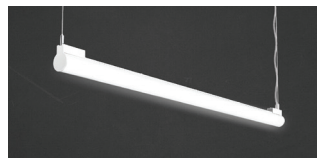
HPC3 T-Welds



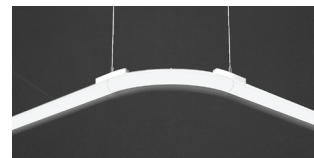
HPC3 L-Welds



HPC3 X-Welds

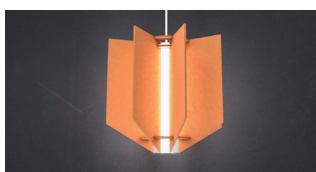


HPC Solo Straight



HPC Solo Curve

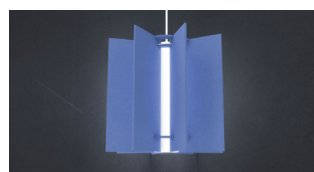
SOURCE FOR THESE ACOUSTIC FIXTURES



Belleville



Carambola



Uxbridge



Zepher

SPECIFICATION (1/2)

 **10 day quick-ship** (see following pages for quick-ship information, limitations and requirements)

Fixture	Diameter	Height	Mounting	Voltage	Canopy Finish
01-015				UNV	
01-015 HPC Pendant	4D 4" 6D 6" 8D 8" 10D 10"	12H 12" 24H 24" 36H 36" 48H 48" 60H 60" CUSH Custom length to 240" continuous to the nearest 1"; Consult factory	ACM Aircraft Cable * Standard length 120" STM Stem Mount Standard length 48" Length is field adjustable. * Remote with escutcheons contact factory for maximum cable lengths **Surface Mount possible. Consult factory	UNV 120/277 Volts Consult factory for other voltages	WCF White BCF Black SCF Silver RAL Custom RAL North America; Consult factory

End Cap/Base Finish	Power Cable Finish	Color Temperature	Color Rendering
			90CRI
WEC White BEC Black SEC Silver RAL Custom RAL North America; Consult factory	WPC White BPC Black NOPC None for use with "SM" Surface Mount only	White Sources 2700K 2700K 3000K 3000K 3500K 3500K 4000K 4000K 3000FS Full Spectrum 3000K 3500FS Full Spectrum 3500K 2765K Tunable White* CUSK Custom CT* 2700K - 6500K	RGB / RGBW Sources RGBW RGBW* *Consult factory for CT options in this column 90CRI 90+ CRI Full Spectrum option: Min 95+ CRI Min R1-R15 90+ Rf 95 Rg 105

Delivered Output	Driver Location	Dimming Driver	Options Continued on Next Page
			   
White Sources Static/Tunable 0800LM Standard 800 lm/ft (8W/ft) standard for 4" 1200LM Standard 1200 lm/ft (12W/ft) standard for 6" CUSLM Custom Lumen Output* 600lm/ft - 4800lm/ft; Consult factory for outputs outside of this range * Maximum output varies by diameter 4" - 1600 lm/ft (16W/ft) 6" - 1600 lm/ft (16W/ft)	SCDL Surface Canopy RDDL Remote Driver ADDL ACT Remote Driver FCDL Flush Ceiling	White Sources Static S010V10 Standard 0-10V, 10% S010V01 Standard 0-10V, 1%, (dim to off) EDALI01 DALI control, 0.1% LECO01 Lutron Ecosystem, 1% SOFTB, (Soft-on, Fade-to-Black) White Sources Tunable TW010V Tunable White 2-Channel 0-10V TWDALI Tunable White DALI control LECOTW Lutron Ecosystem, 1%, Tunable White - T series RGB / RGBW Sources EDMX01 DMX, 0.1% CUSDD Other Driver Options Consult factory for availability of other driver options (including POE and Camera Safe)	
RGB / RGBW Sources 27WO 27W/Linear ft* Consult factory for delivered lumens and additional information			

SPECIFICATION (2/2)

 **10 day quick-ship** (see following pages for quick-ship information, limitations and requirements)

OPTIONAL

Downlight Lumens

Downlight Beam Angle

NODL No Downlight
0800DL 800LM (8W)
1200DL 1200LM (12W)

NRBA Narrow Beam Angle (~20°)
WDBA Wide Beam Angle (~65°)

WRITTEN SPECIFICATIONS

LED System

- LED Circuitry is applied to minimum 0.0625" thick aluminum extruded cores for excellent heat management. Fixture uses **Four-Core and Six-Core Technology** to provide even illumination in all directions.
- LEDs are 90+CRI, 3 SDCM.
- Static White - 4 foot fixture performance at 3000K 90CRI, 6896lms, 61.44 Watts, 112 LPW Delivered
- Full Spectrum, efficiency is 88 lm/W; CRI is 96+ with all R1-R15 values at 90 or higher and Rf (fidelity) of 95, Rg (gamut) of 105.
- Tunable White, efficiency is 90 lm/W; Delivered lumens will stay consistent across full CCT range.
- RGBW maximum individual channel (Red, Green, Blue, or White) is 25% of total watts specified. Lumen outputs per channel per watt as follows:

White only: 84 lm/W Red only: 24 lm/W
 Green only: 71 lm/W Blue only: 14 lm/W
 All four channels max: 44 lm/W (approx 9000K CCT)

Construction

- Diffuser: 0.120" Extruded PETG (polyethylene terephthalate glycol-modified); which is a variant of PET used in water bottles everywhere. Designed to be used in environments where high levels of disinfectant products are used. It is also has a much higher impact resistance than Acrylic and is available up to 20 feet in single lengths.
 - Barbican uses a proprietary diffusion formula PETG which in conjunction with the LED system provides excellent efficiencies of up to 115 lumens per watt at 3000K 90+ CRI.
- Metal construction to be aluminum minimum 0.0625" thickness. Fasteners are to be stainless steel.
- Cable grippers are nickel plated solid brass and stainless steel. Cables are 1/16" stainless steel.
- Canopies and driver housings are minimum 0.0625" aluminum.

Mounting

- Surface cable mounts are nickel plated solid brass and are supplied with escutcheon plates for through surface power cables. Power cables are low voltage from the canopy/remote mounted drivers.
- Drivers:** All drivers are mounted remote from the fixture. Standard drivers include 0-10V 10% dimming 120/277V with Power Factor of >.9. Barbican works with most Control and Driver manufacturers including POE and can easily modify the driver housings for special control gear. Fixtures over 96W may require more than one driver per fixture.
- Emergency fixtures are supplied with leads and KO for UL924 relays (by others). Battery back up will usually only drive one or two of the cores in larger fixtures to maintain the 90 minute requirement. Maximum distance driver to fixture 15 feet.
- Labels:** ETL US and Canada, CE Europe and Middle East (Dry, Damp indoor use only)
- Finish:** Polyester Powder Coated standard, Hand Brushed Aluminum
- Lumen Maintenance:** Reported L90 > 10,000hrs, Calculated > 60,000hrs (TM-21)
- Warranty:** 5 years limited at 25 Celsius. Contact Barbican for additional information.

LABELS



ETL/CE
Listed



Dry/Damp
Rated



5-Year
Warranty



Power Over
Ethernet



Tunable
White



RGBW
Color Tuning



Full
Spectrum

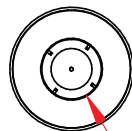
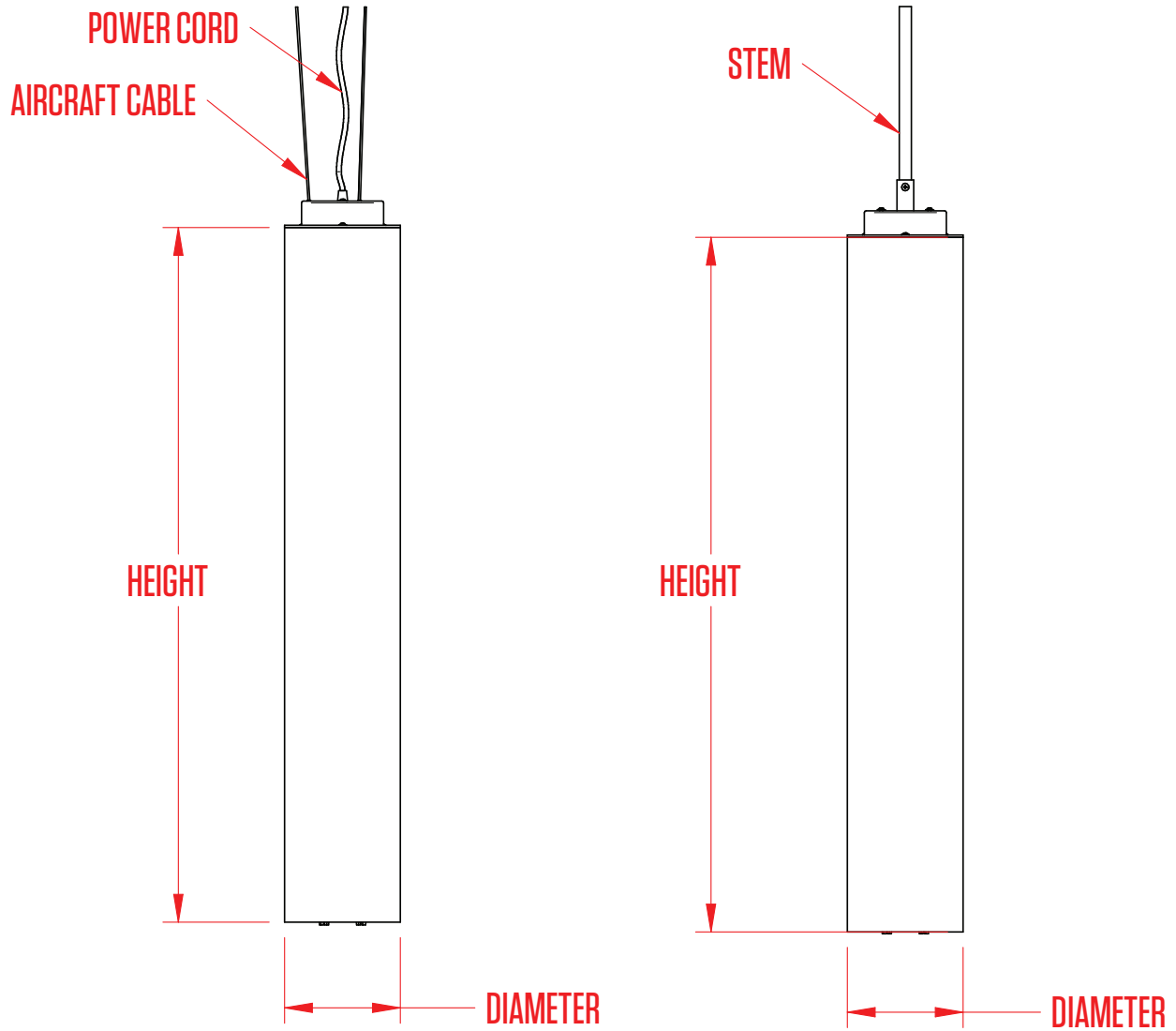


Product Composition Declaration

APPLICATIONS

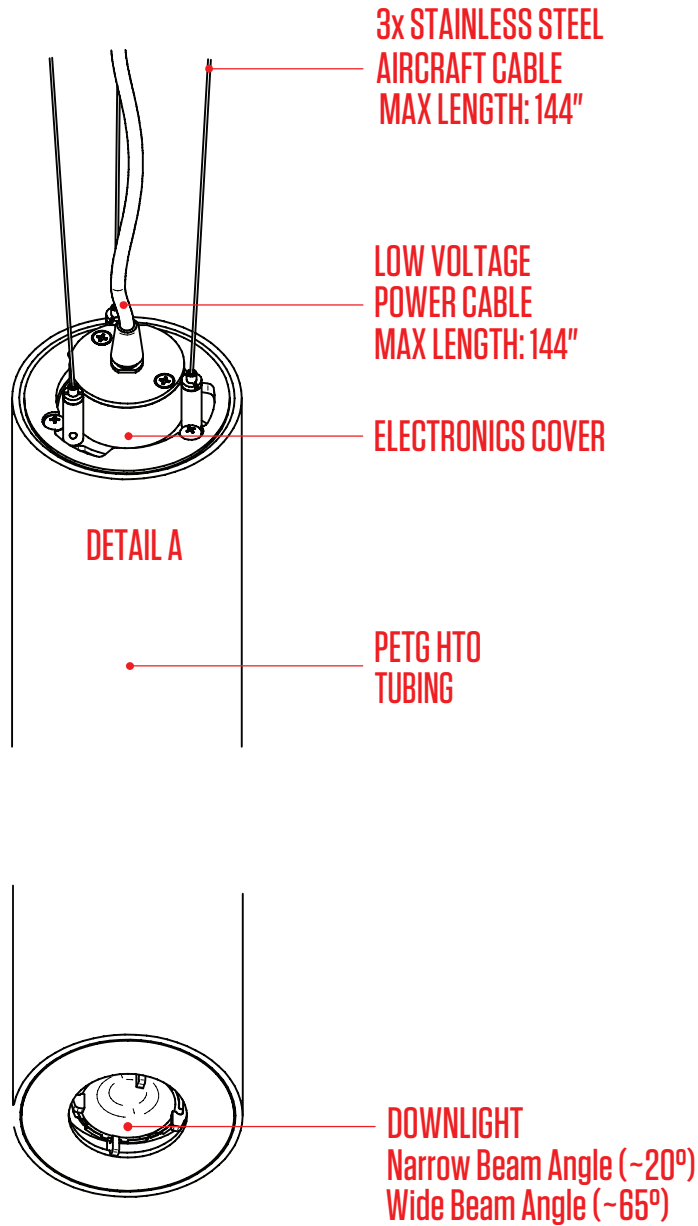


SPECIFICATION DETAILS



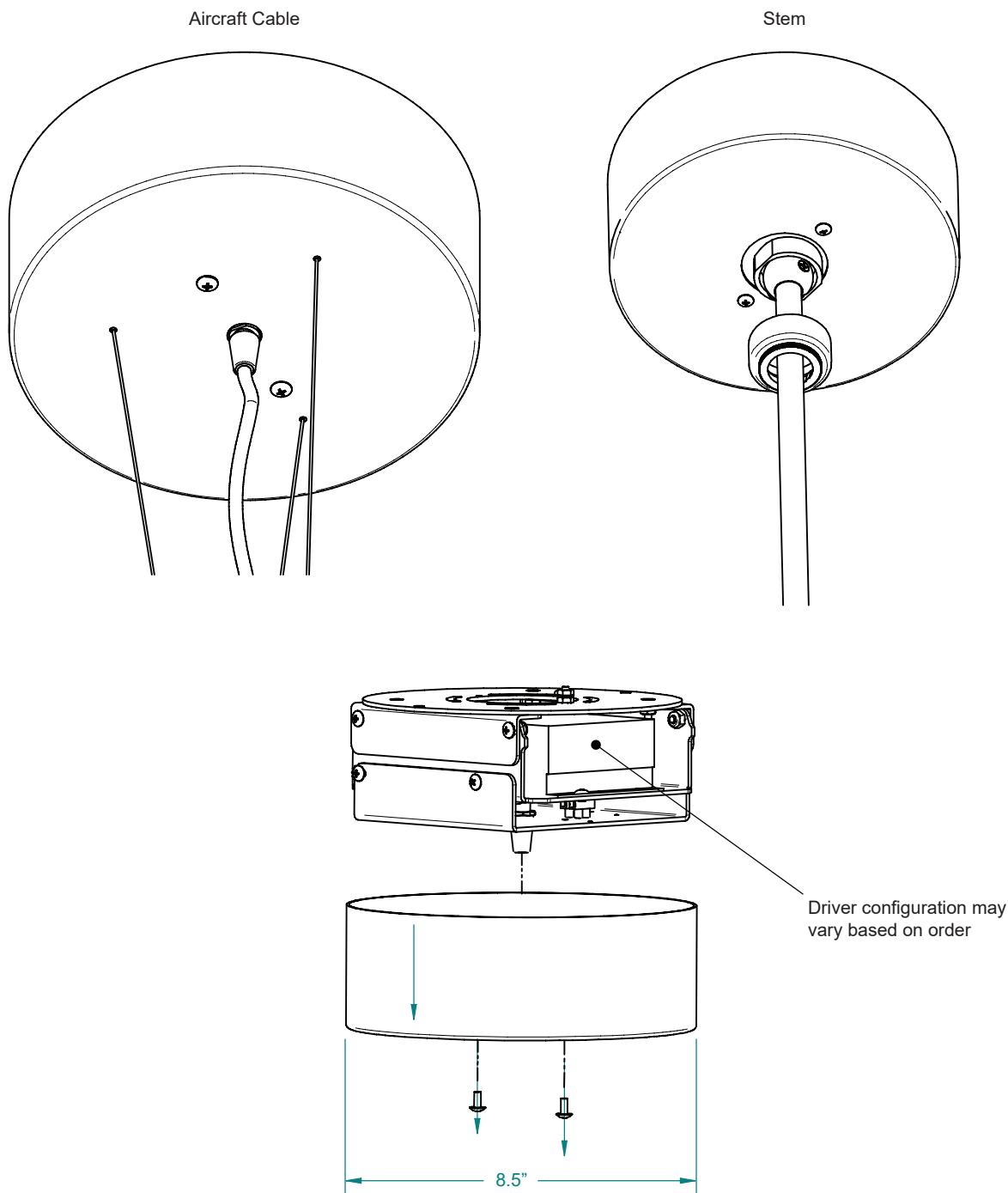
Ø 3" OPENING REMAINS CONSTANT FOR ALL DIAMETERS

SPECIFICATION DETAILS



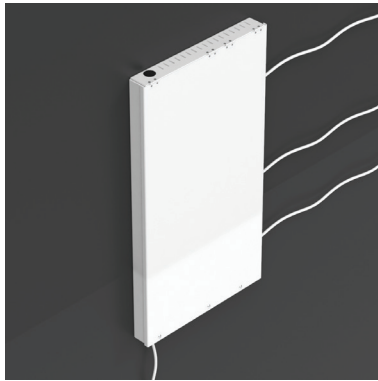
SPECIFICATION DETAILS (cont.)

Surface Canopy (SCDL)

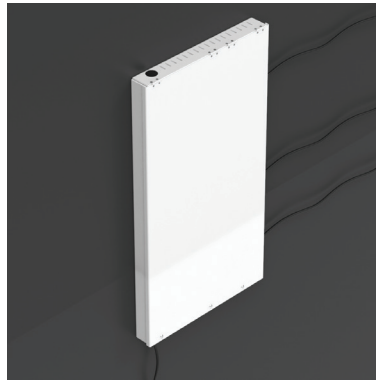


SPECIFICATION DETAILS (cont.)

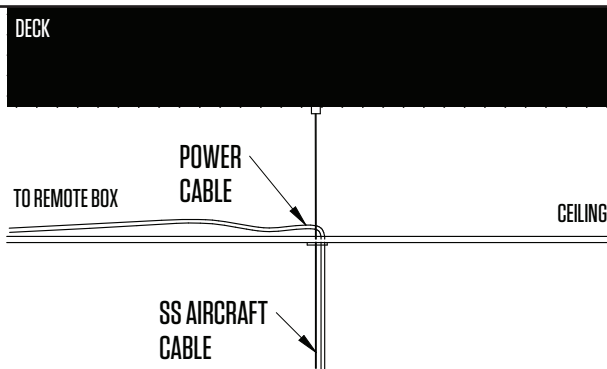
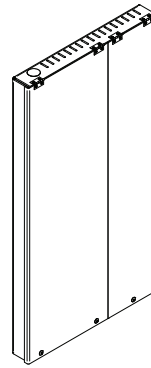
Remote Driver (RDDL)



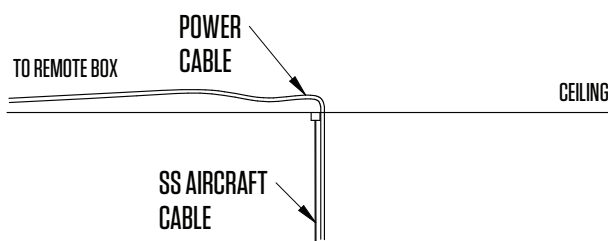
White Power Cord



Black Power Cord



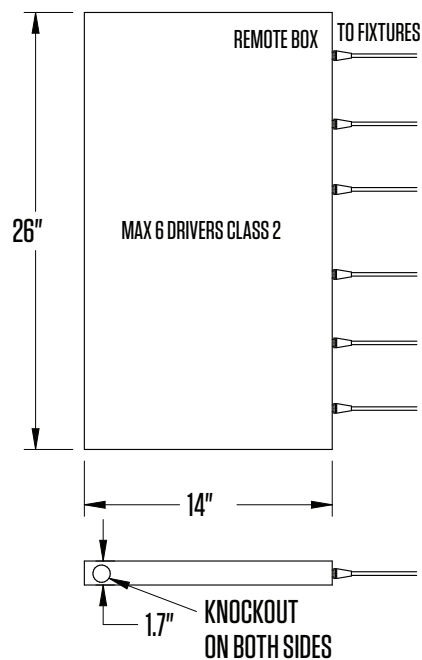
Acoustic Ceiling Power Supply Box Mounting Side View



Solid Ceiling Power Supply Box Mounting Side View



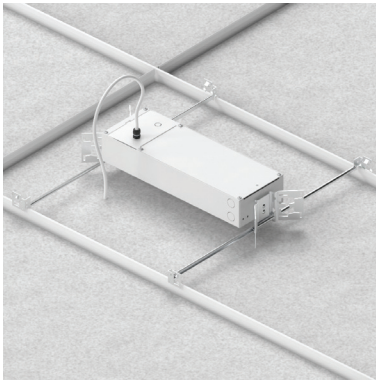
Ceiling Finishing Plate



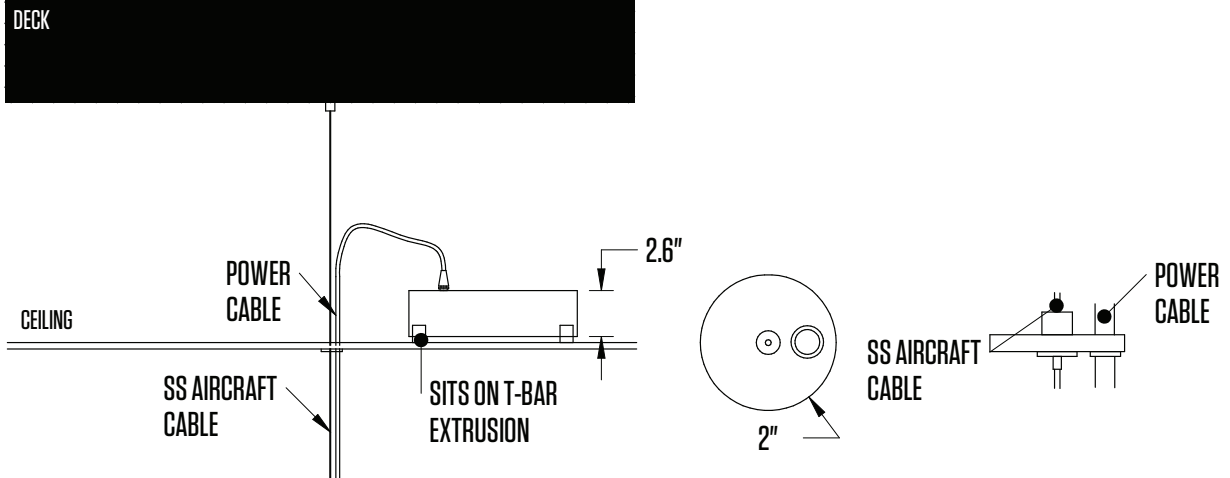
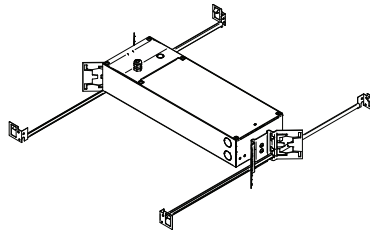
Power Supply Box Dimensions

SPECIFICATION DETAILS (cont.)

ACT Remote Driver (ADDL)

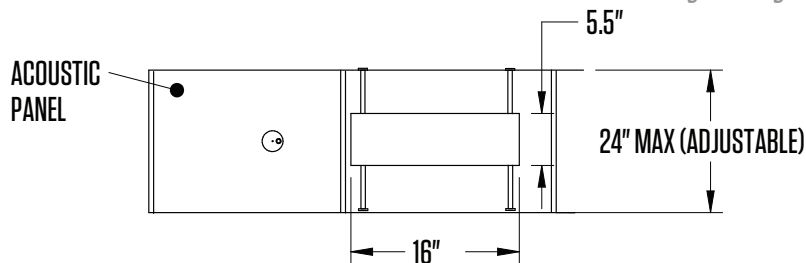


Driver Housing



Above Ceiling Location Mounting Side View

Ceiling Finishing Plate



Above Ceiling Location Mounting Top View

SPECIFICATION DETAILS (cont.)

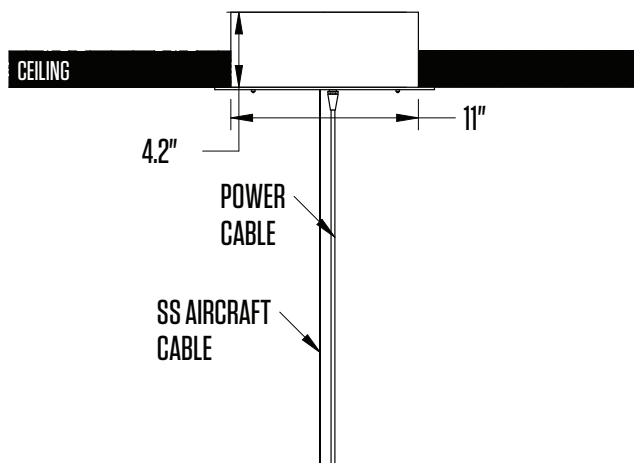
Flush Ceiling Canopy (FCDL)



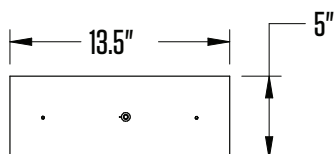
White Power Cord



Black Power Cord



Flush Ceiling Location Mounting Side View



Flush Ceiling Location Mounting Bottom View

QUICK SHIP

10 day quick-ship

Barbican's Quick Ship program offers a **two-week (10 business day) lead time** for specific standard fixtures with select options. The standard fixtures in this program include HPC³ Straight, Drum, Halo and HPC. See spec sheet and website for available options.

HPC3 Straight is available in quantities **up to 50 fixtures per order**. Quick ship date will be confirmed at time of quotation if the order is placed within 5 working days. The order will be acknowledged within 24 hours of receipt of a clean PO. **A clean PO must include the correct catalog numbers, quantities and "Quick Ship" clearly identified.**

Lead time will be 10 business days from the acknowledgment date.

Larger quantities and additional options may be possible.

10 day lead time does not include factory Summer, Christmas or Government mandated shutdowns, statutory holidays (Canadian) or weekends. Change orders will affect lead time and may incur additional costs. Please consult factory.

Barbican cannot be held responsible for any delivery delays caused by the freight company after the product has left our facility. The freight company is solely responsible for any delays. Barbican will accommodate the customer's own freight company on request.

Note that Barbican may be able to ship other products in an expedited manner. Please consult Barbican for lead times.