POLO ™ - SUSPENDED

Project Name:

Fixture Type:

Fixture Code:

Quantities:

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Polo™ is a three-sided luminous shape that emits light across both horizontal and vertical planes. It features a highly efficient diffuser which delivers a unique 127 Lumens Per Watt, whilst providing uniform illumination. With its distinct combination of aesthetics and high performance, it can be designed to be the sole light source in any environment. Given its versatility, it can be used in a whole host of contemporary or traditional environments, such as entrances, retail, offices, education and places of worship.

GENERAL SPECIFICATION

Body
Aluminum and steel.

Canopy Finish
White Powder coated.

Suspension
Stainless steel cables.

Power cable
Silver braided.

Remote emergency
Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch (NA only) Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied).

Remote mounting of drivers
Wire Size 18 AWG - Max distance (from canopy to drivers) 9.5' (3m), Wire size 16 AWG - Max distance 19.5' (6m), Wire size 14 AWG - Max distance 29.5' (9m). Drivers must be accessible after installation.

Drivers
HPF electronic drivers for 120-277V (EU-240V). Drivers are either remote mounted or integral to the canopy depending on the size of the fixture.

Acoustic Panels NRC Rating
0.80

Acoustic Panels Fire Rating
ASTM E84-2018 Class A.

Acoustic Panels Material
100% recycled polyester fiber (PET).

Acoustic Panels Thickness
12mm (0.5")

Diffuser
Acrylic.

PoE
Polo can integrate into your data network via Power over Ethernet (PoE) connectivity.

Mechanical
Luminaires mount directly over J box (by others - North America only).

Delivered lumens
Delivered lumens & LPW based on 4000K CRI 80+.

Sensors
Consult factory regarding sensor compatibility.

L70 @25°C
> 50,000 hrs.

Approvals
Damp Rated.

Seismic Bracing
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

Acoustic Panel Maintenance
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

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OPTICS & FEATURES

Suspended Direct/Indirect

Acoustic

Declare

PoE

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HOW TO ORDER

A. LUMINAIRE

PLPD1P02 24", 8000 lms	**PLPD1P03** 36", 12000 lms	**PLPD1P04** 48", 16000 lms	**PLPD1P05** 60", 22000 lms

All data shown at max output and nominal values.

B. LUMENS/FT

LFA050 500 lm/ft [1]	**LFA065** 650 lm/ft [2]	**LFA100** 1000 lm/ft [3]	**LFA130** 1300 lm/ft [4]

C. CRI

CR80 CRI 80+	**CR90** CRI 90+

D. CCT

CTA27 2700K	**CTA30** 3000K	**CTA35** 3500K	**CTA40** 4000K

E. VOLTAGE

V1 120/277V	**V2** 240V [1]	**V3** 347V [2]	**V4** Low Voltage [3]

[1] Not available in North America.
[2] Available with DA01 dimming only.
[3] To be used with DA45 only.

F. DIMMING

DA01 0-10V Dimming 1.0%	**DA02** 0-10V Dimming 0.1%	**DA20** DALI Dimming 0.1%	**DA21** DALI Dimming 1.0%
DA30 DSI/switchDim [1]	**DA45** PoE [2]		

[1] Not available in North America.

[2] Must be used with V4 only.

G. SUSPENSION

SS1 Vertical, Remote driver	**SS2** Hub, Remote driver	**SS3** Vertical, Driver Integral to Canopy	**SS4** Hub, Driver Integral to Canopy

H. EMERGENCY

E0 Not required	**E2** Emergency system - Remote

Integral emergency not available.

I. ACOUSTIC PANEL COLOR

AP00 Not required	**AP02** Citrus	**AP04** White	**AP08** Red Coffee
AP11 Light Gray	**AP13** Apple Green	**AP22** Blue	**AP26** Sesame Gray
AP27 Black	**AP47** Navy Peony	**AP60** Pure Red	**AP73** Cloudburst
AP89 Douglas Fir	**APW01** Oak		

Diameter 60" include a visible seam.
Other finishes available. Contact factory.

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TECHNICAL DATA

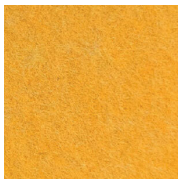
LUMINAIRE

All data shown at max output and nominal values.

Code	PLPD1P02	PLPD1P03	PLPD1P04	PLPD1P05
Diameter (A)	24"	36"	48"	60"
Wattage	63W	98W	133W	175W
Lms/Ft	1300	1300	1300	1300
Delivered lms	8000	12000	16000	22000
LPW	127	127	127	127
Diameter (B)	15.5"	26.9"	38.7"	51.0"
Depth (D)	4.5"	5.0"	5.0"	5.0"

ACOUSTIC PANEL COLOR

Not required

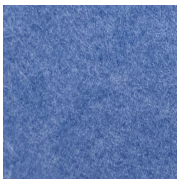

Citrus

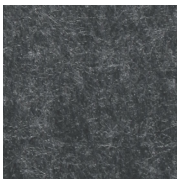
White

Red Coffee

Light Gray

Apple Green


Blue


Sesame Gray

Black

Navy Peony

Pure Red

Cloudburst

Douglas Fir

Oak

Diameter 60" include a visible seam.

Other finishes available. Contact factory.

APPROVALS

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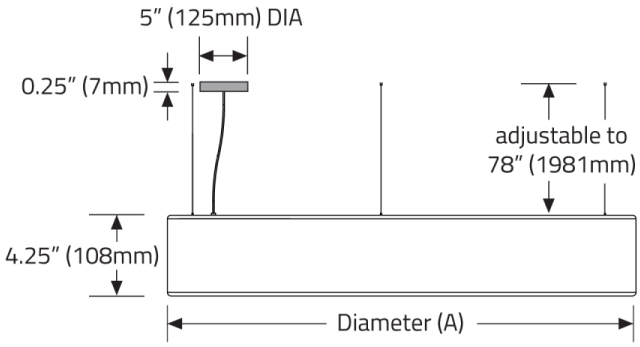
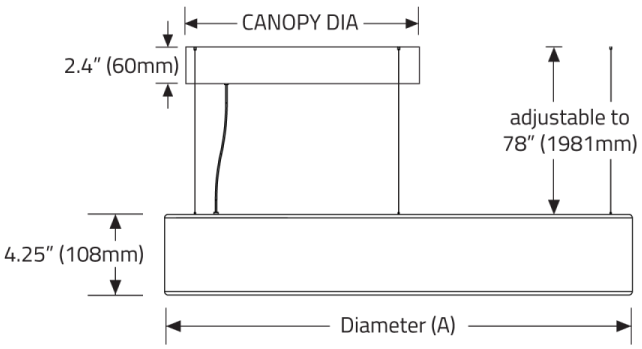
DIMENSIONAL DIAGRAMS

SS1 VERTICAL, REMOTE DRIVER

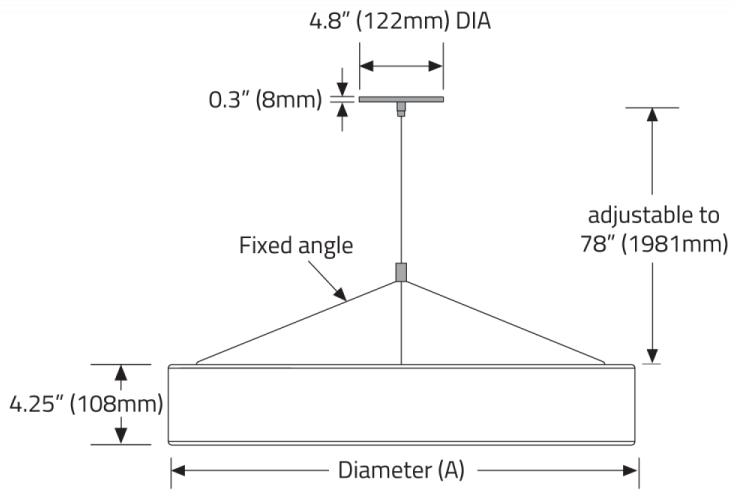


SS3 VERTICAL - INTEGRAL DRIVER

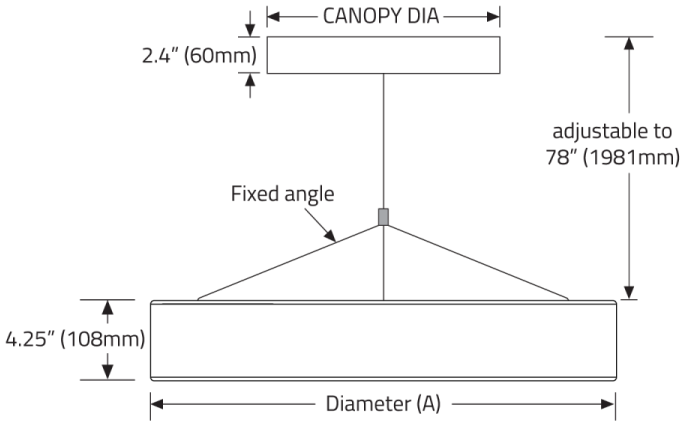


Canopy size: 11" (280MM) DIA:
PLPD1P02 (LFA050,LFA065,LFA100,LFA130)
PLPD1P03 (LFA050,LFA065,LFA100,LFA130)
PLPD1P04 (LFA050,LFA065)
PLPD1P05 (LFA050,LFA065)
13.4" (340MM) DIA:
PLPD1P04 (LFA100,LFA130)
15.4" (391MM) DIA:
PLPD1P05 (LFA100,LFA130)

SS2 HUB - REMOTE DRIVER



SS4 HUB - INTEGRAL DRIVER



Canopy size: 11" (280MM) DIA:
PLPD1P02 (LFA050,LFA065,LFA100,LFA130)
PLPD1P03 (LFA050,LFA065,LFA100,LFA130)
PLPD1P04 (LFA050,LFA065)
PLPD1P05 (LFA050,LFA065)
13.4" (340MM) DIA:
PLPD1P04 (LFA100,LFA130)
15.4" (391MM) DIA:
PLPD1P05 (LFA100,LFA130)

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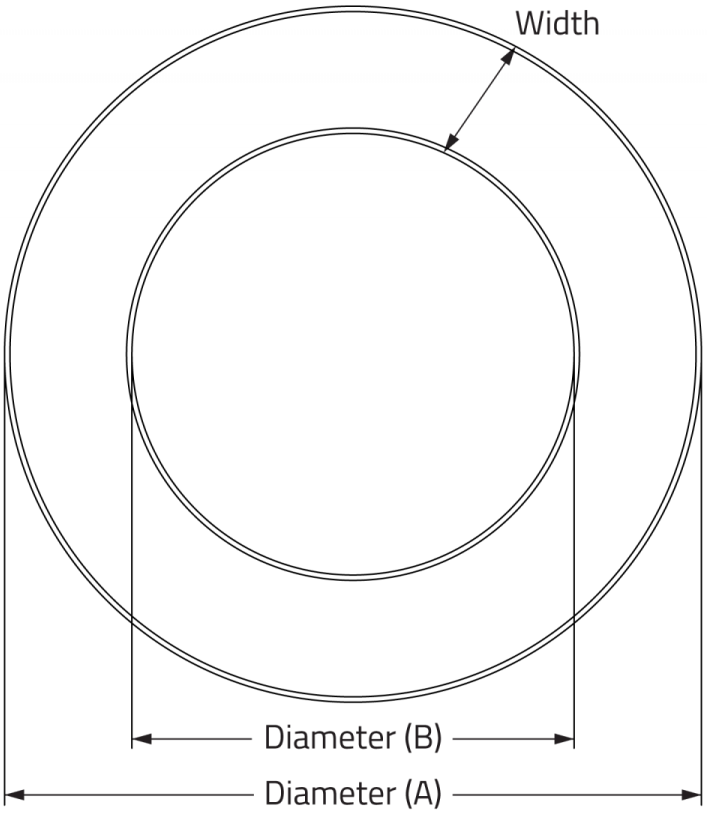

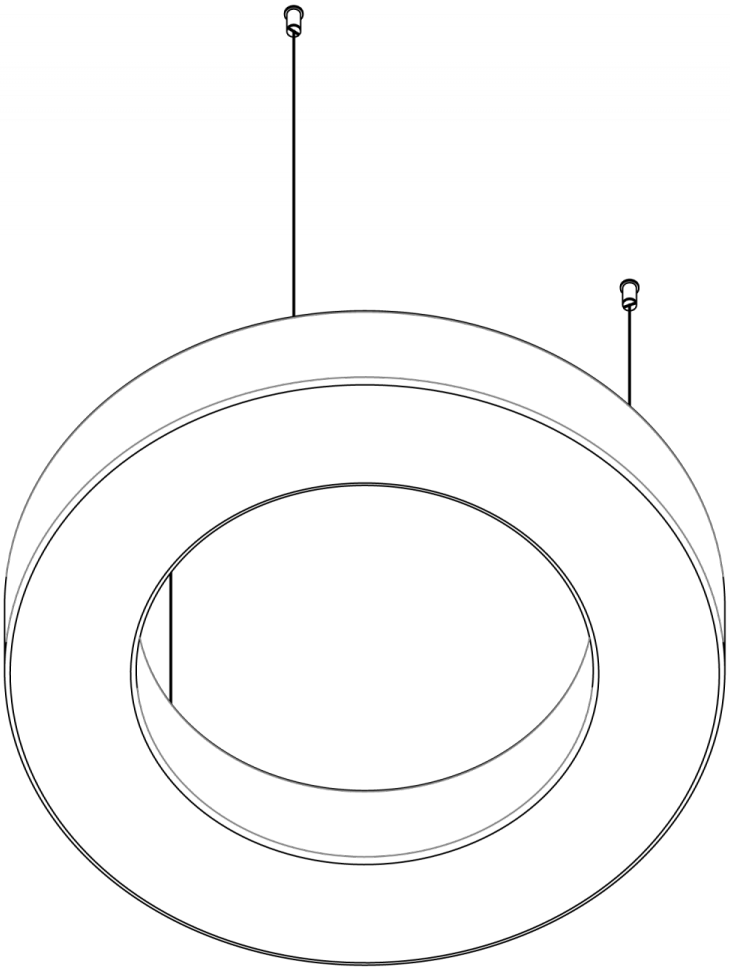

ISOMETRIC VIEW

CODE	DIAMETER (A)	DIAMETER (B)	WIDTH
PLPD1P02	24.5" (622mm)	15.5" (394mm)	4.5" (114mm)
PLPD1P03	36.6" (930mm)	26.9" (683mm)	5" (127mm)
PLPD1P04	48.7" (1237mm)	38.7" (983mm)	5" (127mm)
PLPD1P05	61.3" (1556mm)	51" (1295mm)	5" (127mm)

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