

POLO™ - SUSPENDED

Project Name:	Fixture Type:
Fixture Code:	Quantities:



POLO™ - SUSPENDED



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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, while 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. Capable of hitting lumen outputs of up to 22,000 lumens, this luminaire blends performance with a beautiful visual form. 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. The additional option of adding acoustic panels to the fixtures enables better auditory control in your space.

GENERAL SPECIFICATION

Body

Aluminum and steel.

Suspension

Stainless steel cables.

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).

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 Fire Rating

ASTM E84-2018 Class A.

Acoustic Panels Thickness

12mm (0.5")

PoE

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

Delivered lumens

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

L70 @25°C

> 50,000 hrs.

Seismic Bracing

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

Canopy Finish

White Powder coated.

Power cable

Silver braided.

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. For longer remote distances, consult factory.

Acoustic Panels NRC Rating

0.80

Acoustic Panels Material

100% recycled polyester fiber (PET).

Lens

Acrylic.

Mechanical

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

Sensors

Consult factory regarding sensor compatibility.

Approvals

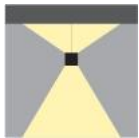
Damp Rated.

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
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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
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C. CRI

CR80 CRI 80+	CR90 CRI 90+		
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D. CCT

CTA27 2700K	CTA30 3000K	CTA35 3500K	CTA40 4000K
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E. VOLTAGE

V1 120/277V	V2 240V ¹	V3 347V ²	V4 Low Voltage ³
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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
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H. EMERGENCY

E0 Not required	E2 Emergency system - Remote		
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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"

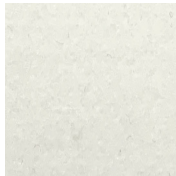
ACOUSTIC PANEL COLOR




Not required




Citrus




White




Red Coffee



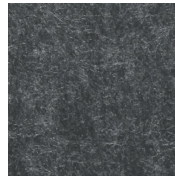
Light Gray



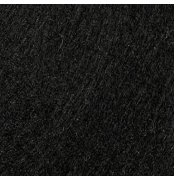
Apple Green



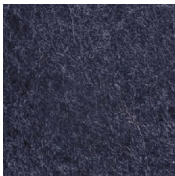
Blue



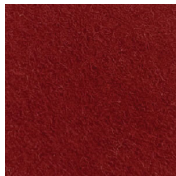
Sesame Gray




Black




Navy Peony




Pure Red



Cloudburst



Douglas Fir



Oak

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

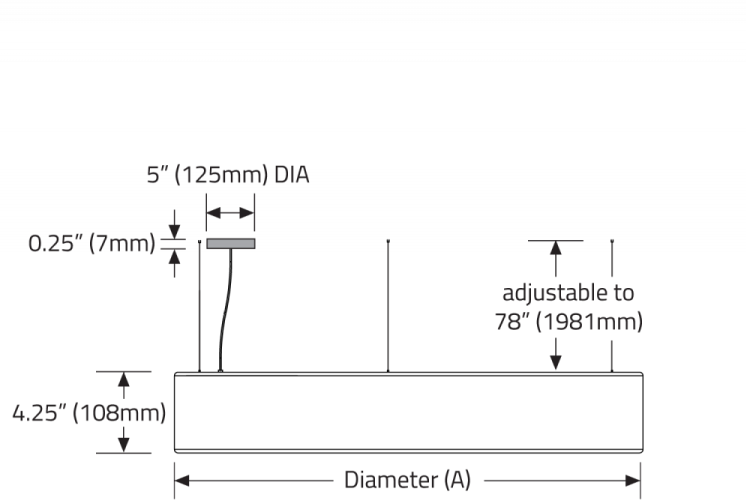
APPROVALS



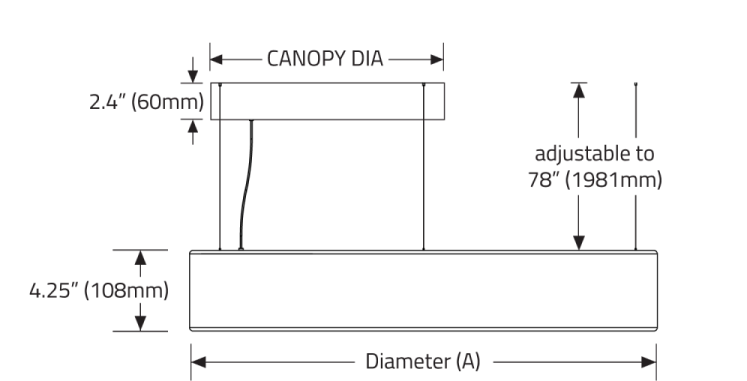
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DIMENSIONAL DIAGRAMS

SS1 VERTICAL, REMOTE DRIVER

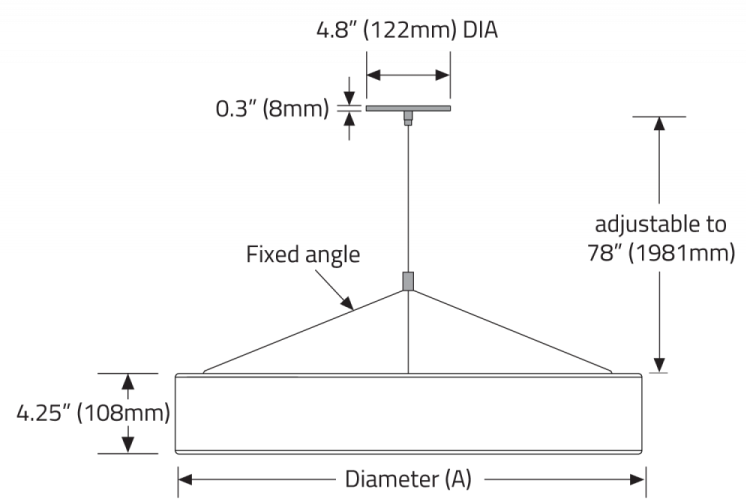


SS3 VERTICAL - INTEGRAL DRIVER

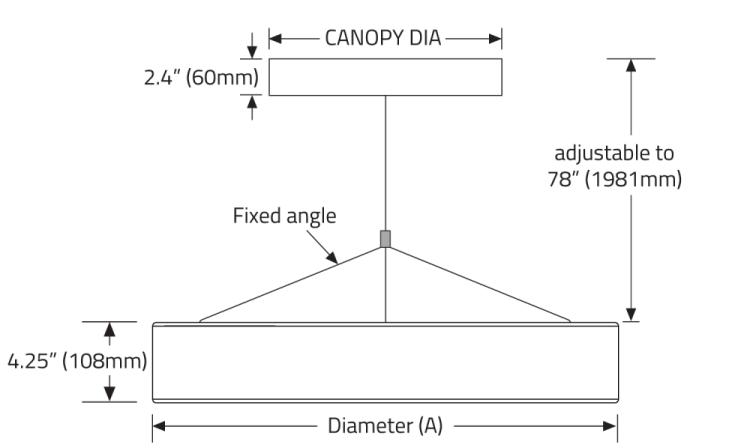


Canopy size: 11" (280MM) DIA:
PLPD1P02 (LFA050,LFA065,LFA100,LFA130)
PLPD1P03 (LFA050,LFA065,LFA100,LFA130)
PLPD1P04 (LFA050,LFA065)
PLPD1P05 (LFA050,LFA065)
13.4" (340MM) DIA:
PLPD1P04 (LFA100,LFA130)
15.4" (391MM) DIA:
PLPD1P05 (LFA100,LFA130)

SS2 HUB - REMOTE DRIVER

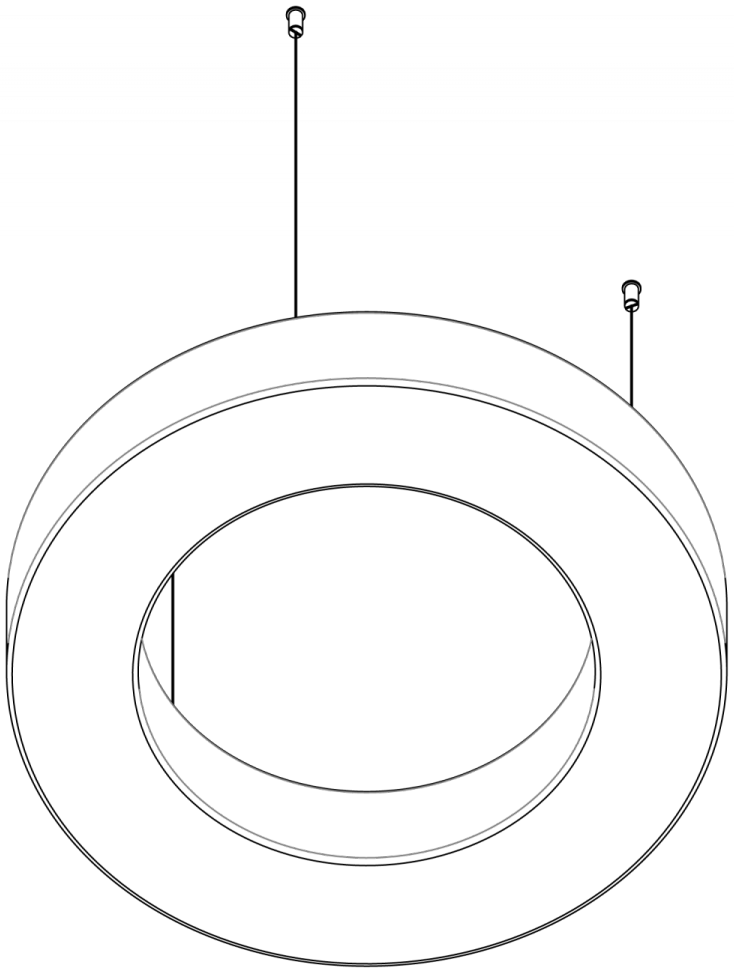
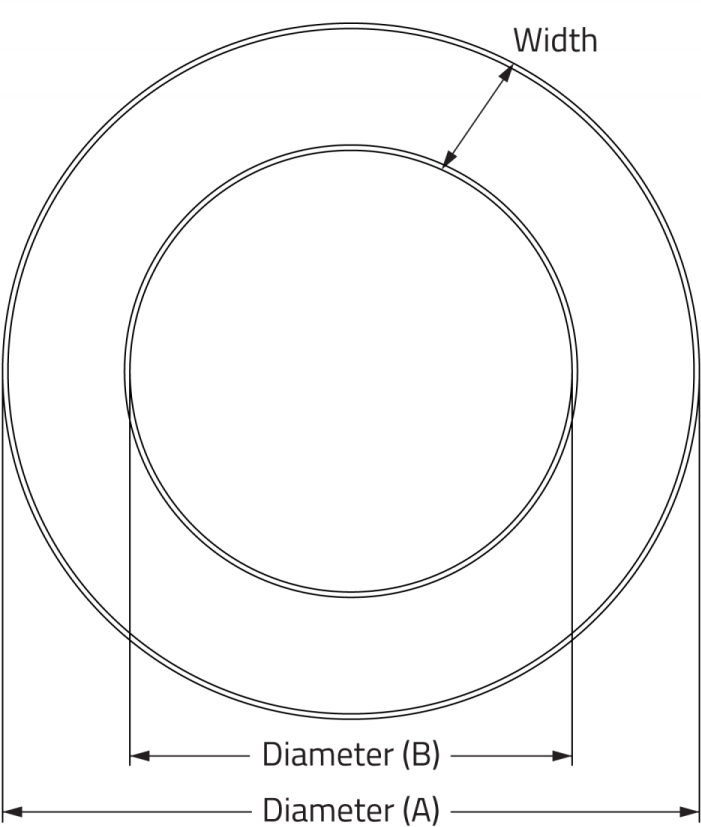


SS4 HUB - INTEGRAL DRIVER



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)