



# POLO™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

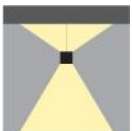


QUANTITIES

### 1 DESCRIPTION

**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.

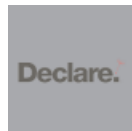
### 2 OPTICS & FEATURES



Suspended  
Direct/Indirect



Acoustic



Declare



PoE

### 3 APPROVALS



DAMP  
LOCATION



IP20

**4** 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.

**SUSTAINABILITY**

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

**5 DESIGN OPTIONS**

**ACOUSTIC PANEL COLOR**



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

**6 HOW TO ORDER**

**1. 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.

**2. LUMENS/FT**

LFA050 500 lm/ft<sup>1</sup>      LFA065 650 lm/ft<sup>2</sup>      LFA100 1000 lm/ft<sup>3</sup>      LFA130 1300 lm/ft<sup>4</sup>

**3. CRI**

CR80 CRI 80+      CR90 CRI 90+

**4. CCT**

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

## 5. VOLTAGE

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Available with DA01 dimming only. <sup>3</sup> To be used with DA45 only.

## 6. 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 <sup>1</sup>

**DA45** PoE <sup>2</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Must be used with V4 only.

## 7. SUSPENSION

**SS1** Vertical, Remote driver

**SS2** Hub, Remote driver

**SS3** Vertical, Driver Integral to Canopy

**SS4** Hub, Driver Integral to Canopy

## 8. EMERGENCY

**E0** Not required

**E2** Emergency system - Remote

Integral emergency not available.

## 9. 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.

**7** TECHNICAL DATA

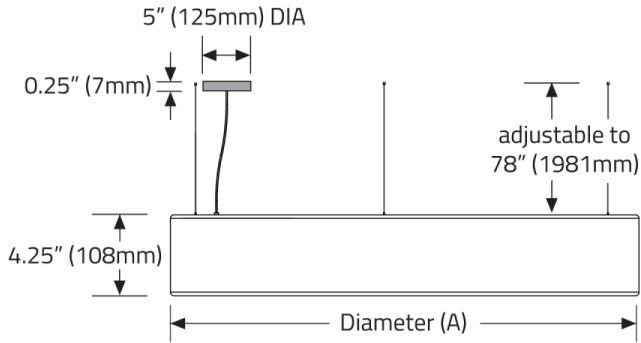
**LUMINAIRE**

All data shown at max output and nominal values.

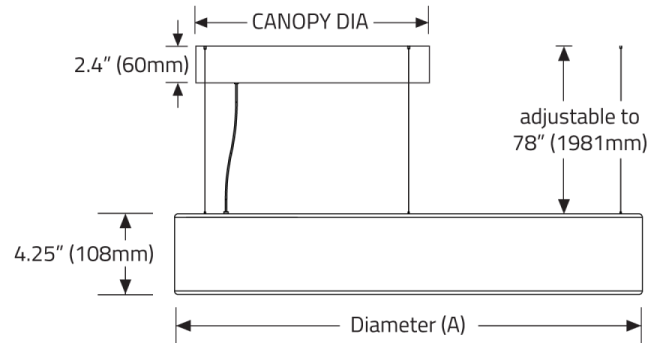
<b>Code</b>	<b>PLPD1P02</b>	<b>PLPD1P03</b>	<b>PLPD1P04</b>	<b>PLPD1P05</b>
<b>Diameter (A)</b>	24"	36"	48"	60"
<b>Wattage</b>	63W	98W	133W	175W
<b>Lms/Ft</b>	1300	1300	1300	1300
<b>Delivered lms</b>	8000	12000	16000	22000
<b>LPW</b>	127	127	127	127
<b>Diameter (B)</b>	15.5"	26.9"	38.7"	51.0"
<b>Depth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

**8** DIMENSIONAL DIAGRAMS

SS1 VERTICAL, REMOTE DRIVER

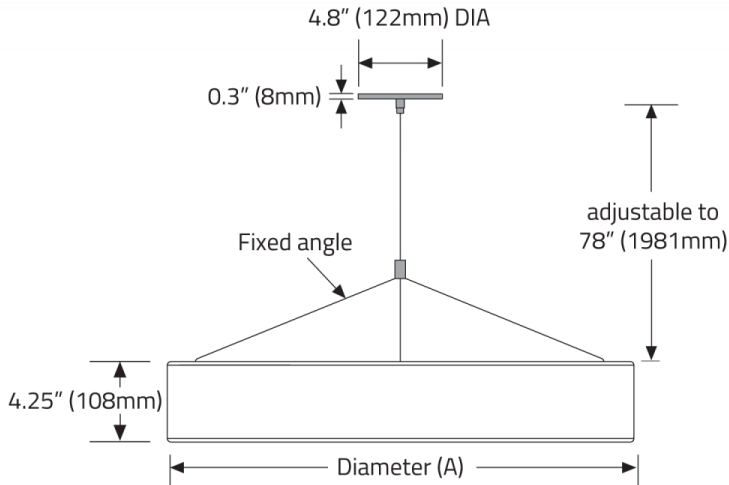


SS3 VERTICAL - INTEGRAL DRIVER

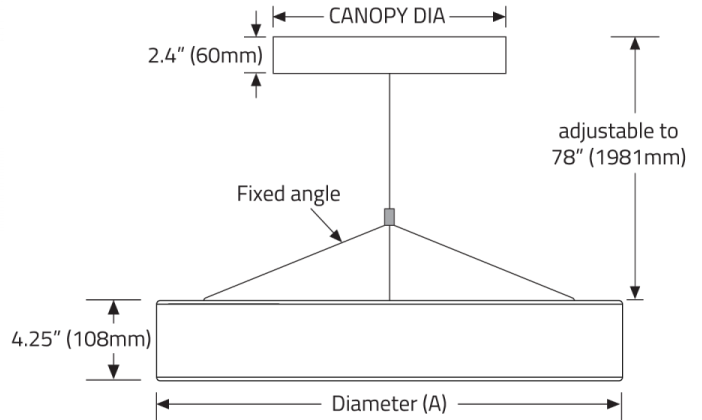


- Canopy size: 11" (280MM) DIA:**  
 PLPD1P02 (LFA050,LFA065,LFA100,LFA130)  
 PLPD1P03 (LFA050,LFA065,LFA100,LFA130)  
 PLPD1P04 (LFA050,LFA065)  
 PLPD1P05 (LFA050,LFA065)  
**13.4" (340MM) DIA:**  
 PLPD1P04 (LFA100,LFA130)  
**15.4" (391MM) DIA:**  
 PLPD1P05 (LFA100,LFA130)

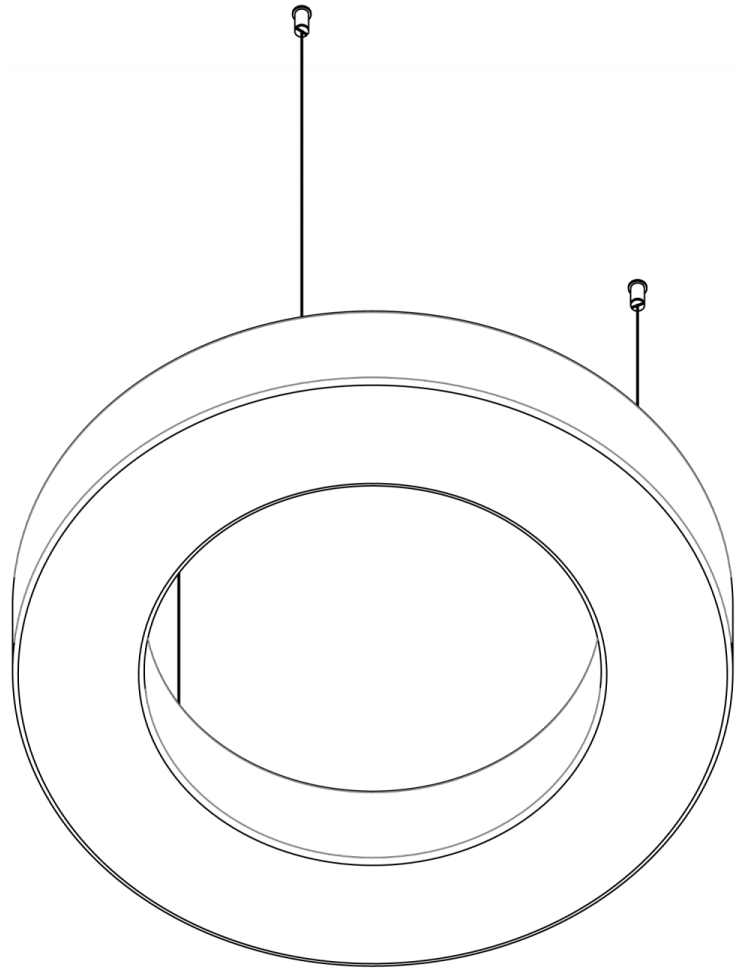
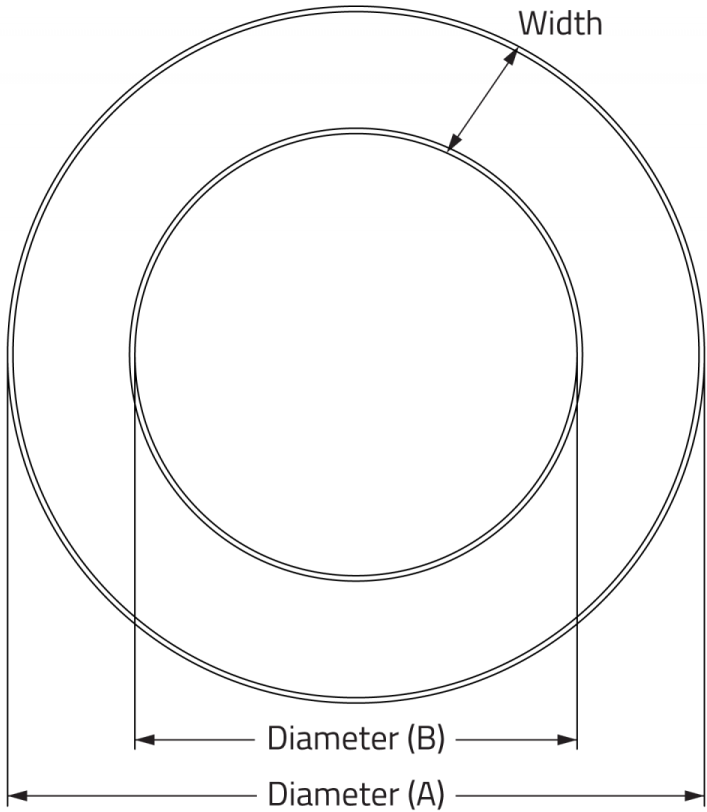
SS2 HUB - REMOTE DRIVER



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)



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)