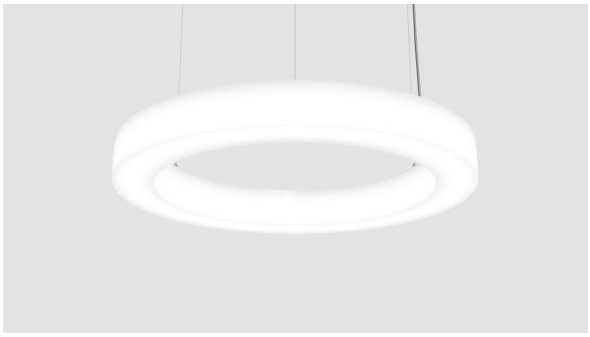
POLO™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

POLOis 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



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4 GENERAL SPECIFICATION

BODY
Aluminum and steel.

CANOPY FINISH
White Powder coated.

SUSPENSION
Stainless steel cables.

POWER CABLE
Silver braided.

REMOTE EMERGENCYSYSTEM (E2)
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. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied). Refer to the Emergency option notes below for wattage, configuration and regional details.

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.

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")

LENS
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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SUSTAINABILITY

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

5 DESIGN OPTIONS

ACOUSTIC PANEL COLOR


Not required


Citrus

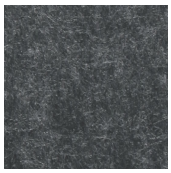
White


Red Coffee

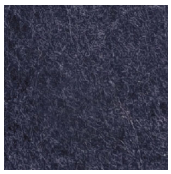

Light Gray


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.

6 HOW TO ORDER

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.

LUMENS/FT

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

CRI

CR80 CRI 80+
CR90 CRI 90+

CCT

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

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.

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.

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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EMERGENCY

E0 Not required

E2 Emergency system - Remote [1]

[1] For North America, the minimum emergency system wattage is 7.5W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

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

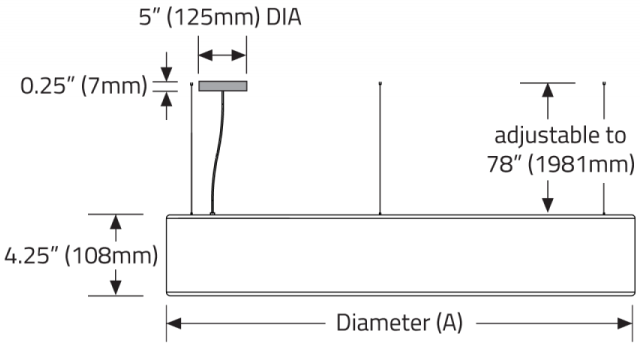
All data shown at max output and nominal values.

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"

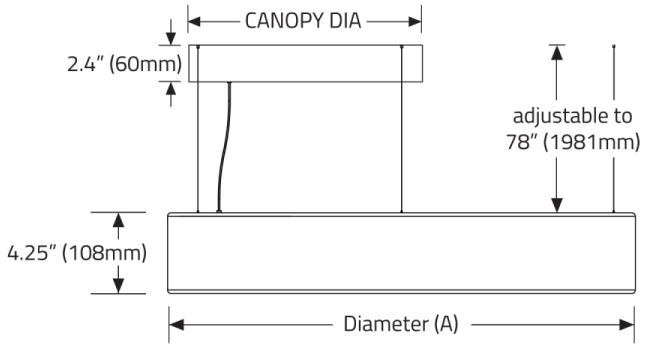
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8 DIMENSIONAL DIAGRAMS

SS1 VERTICAL, REMOTE DRIVER

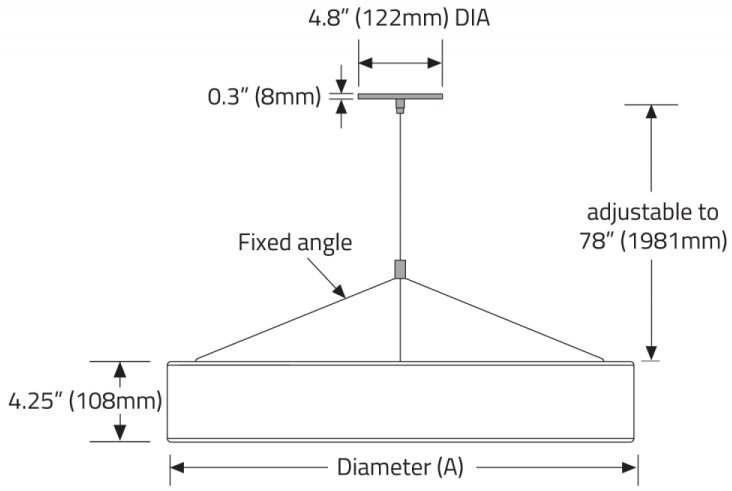


SS3 VERTICAL - INTEGRAL DRIVER

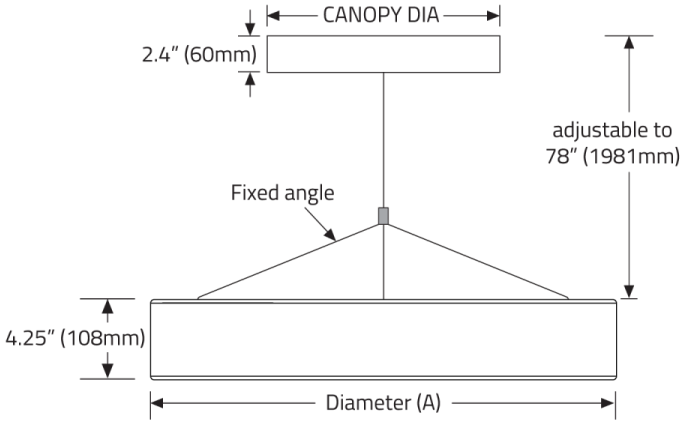


Canopy size: 11" (280MM) DIA:
PLPD1P02 (LFA050,LFA065,LFA100,LFA130)
PLPD1P03 (LFA050,LFA065,LFA100,LFA130)
PLPD1P04 (LFA050,LFA065)
PLPD1P05 (LFA050,LFA065)
13.4" (340MM) DIA:
PLPD1P04 (LFA100,LFA130)
15.4" (391MM) DIA:
PLPD1P05 (LFA100,LFA130)

SS2 HUB - REMOTE DRIVER

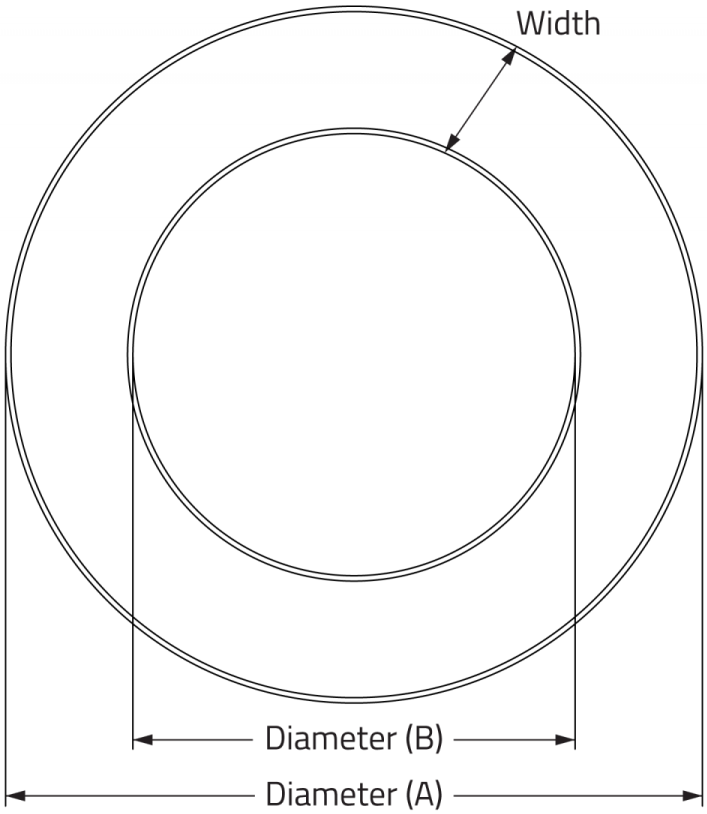


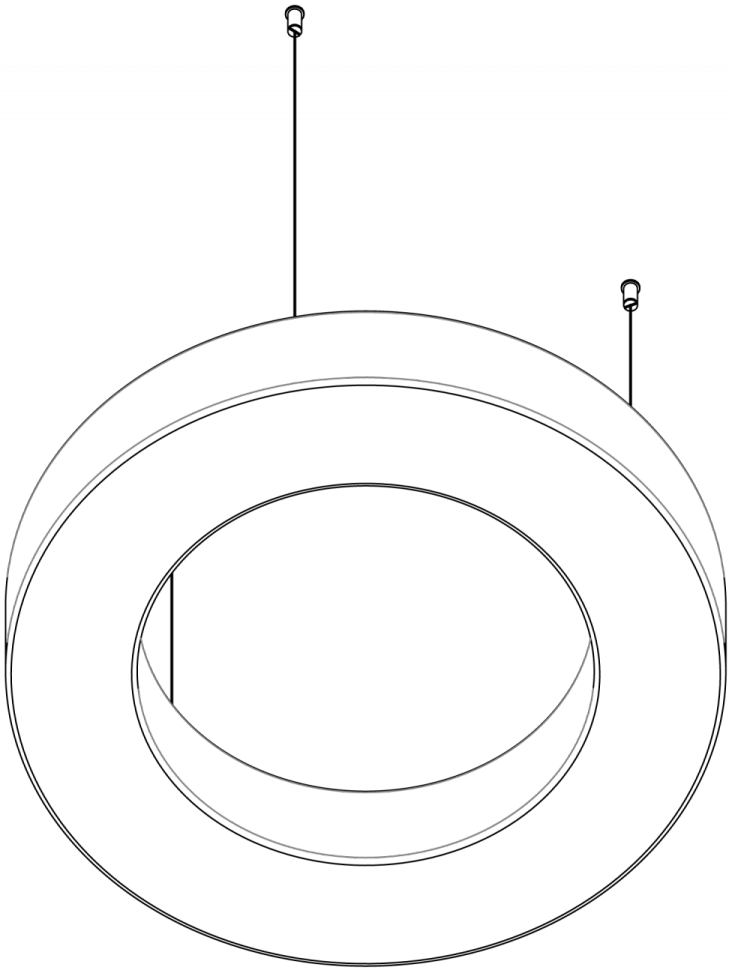
SS4 HUB - INTEGRAL DRIVER



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)

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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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