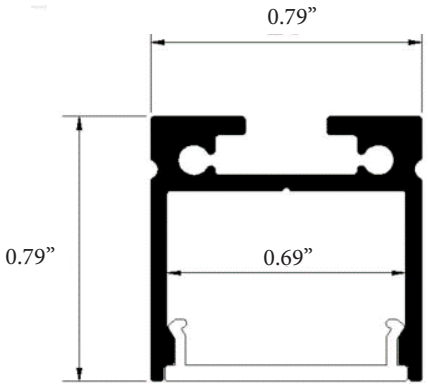
LIGHTING Elements

Project Name:	
Type:	
Qty:	

Pluto Small POE



PRODUCT DESCRIPTION

The Pluto Family of fixtures are a sleek and elegant linear fixture that are available in standard pendant, rotational pendant, standard surface and rotational arm mounting options. The fixtures are available with Direct light distributions and a variety of lengths.

FEATURES

- POE (Power over Ethernet)
- Powered Suspension System - No power cord
- High transmission frosted lenses with no diode
- imaging
- No visible fasteners
- Extruded aluminum housing
- High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 5/16” Diameter
- 90 CRI
- Damp listed

Note: *POE system must be configured/commissioned based on the outputs on the last page to connect to the fixture.*

ORDERING INFORMATION

PLS-POE

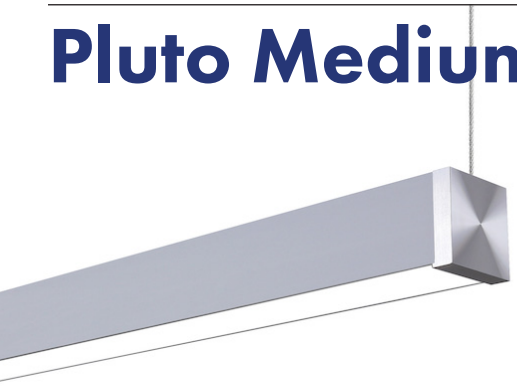
Fixture Type	Mounting	Light Distribution	Color Temp.	Length
PLS-POE Pluto Small (Power Over Ethernet)	**SPM** Standard Pendant Mount Standard **SSC** Surface Ceiling	**D** Direct	**30K** 3000 k **35K** 3500 k **40K** 4000 k	**1** 1’ 1-3/8 **2** 2’ 1-3/8” **3** 3’ 1-3/8” **4** 4’ 1-3/8” **5** 5’ 1-3/8” **6** 6’ 1-3/8” **7** 7’ 1-3/8” **8** 8’ 1-3/8” **12** 12’ 1-3/8” **XX** Custom (consult factory for options)

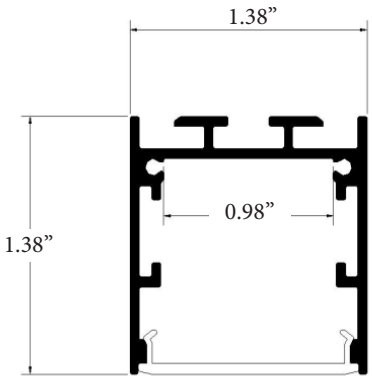
Housing Finish	Hardware Detail Finish	Canopy Size	Canopy Finish	Aircraft Cable Lenght	Options
SC Satin Clear (standard) **SW** Satin White (powder coat) **MB** Matte Black (powder coat) **W** Walnut **C** Cherry **O** Oak **M** Maple **S** Santos **CF** Custom Finish (consult factory)	**MF** Machined Finish (standard) **CF** Custom Finish (consult factory)	**P5N5** 5” Power feed canopy 5” Non-power feed canopy **P5N2** 5” Power feed canopy 2” Non-power feed canopy *-P5N5 must be used for continuous runs* *-SSC & SSW no canopy needed*	**SC** Satin Clear (Standard) **SW** Satin White (powder coat) **CPC** Custom Powder Coat Canopy Finish *-SSC & SSW no canopy needed*	**4** 4ft. **8** 8ft. **CL** Custom Length	**NA** No Options

LIGHTING Elements

Project Name:	
Type:	
Qty:	

Pluto Medium POE





PRODUCT DESCRIPTION

The Pluto Family of fixtures are a sleek and elegant linear fixture that are available in standard pendant, rotational pendant, standard surface and rotational arm mounting options. The fixtures are available with Direct light distributions and a variety of lengths.

FEATURES

- POE (Power over Ethernet)
- Powered Suspension System - No power cord
- High transmission frosted lenses with no diode
- imaging
- No visible fasteners
- Extruded aluminum housing
- High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 5/16” thick machined end caps
- 1-3/8” Diameter
- RAM - 360° rotational w/ 4” long arm mount
- 90 CRI
- Damp listed

Note: *POE system must be configured/commissioned based on the outputs on the last page to connect to the fixture.*

ORDERING INFORMATION

PLM-POE

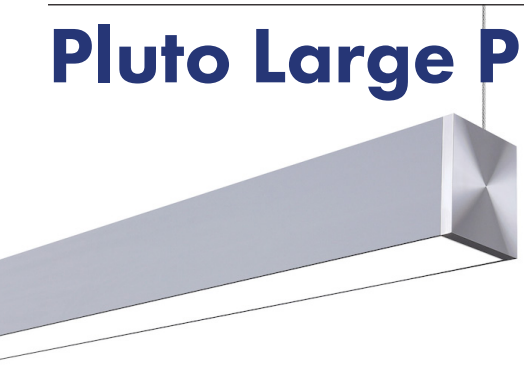
Fixture Type	Mounting	Light Distribution	Color Temp.	Length
PLM-POE Pluto Medium (Power Over Ethernet)	**SPM** Standard Pendant Mount **RPM** Rotational Pendant Mount **SSW** Standard Surface Wall **SSC** Standard Surface Ceiling **RAM** Rotational Arm Mount	**D** Directt	**30K** 3000 k **35K** 3500 k **40K** 4000 k	**1** 1’ 1-3/8 **2** 2’ 1-3/8” **3** 3’ 1-3/8” **4** 4’ 1-3/8” **5** 5’ 1-3/8” **6** 6’ 1-3/8” **7** 7’ 1-3/8” **8** 8’ 1-3/8” **12** 12’ 1-3/8” **XX** Custom (consult factory for options)

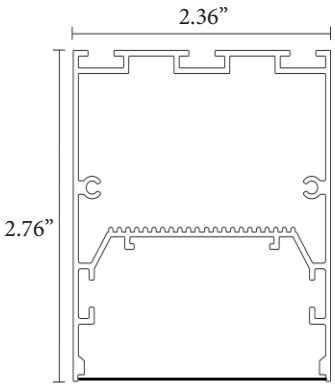
Housing Finish	Hardware Detail Finish	Canopy Size	Canopy Finish	Aircraft Cable Lenght	Options
SC Satin Clear (standard) **SW** Satin White (powder coat) **MB** Matte Black (powder coat) **W** Walnut **C** Cherry **O** Oak **M** Maple **S** Santos **CF** Custom Finish (consult factory)	**MF** Machined Finish (standard) **CF** Custom Finish (consult factory)	**P5N5** 5” Power feed canopy 5” Non-power feed canopy **P5N2** 5” Power feed canopy 2” Non-power feed canopy *-P5N5 must be used for continuous runs* *-SSC & SSW no canopy needed*	**SC** Satin Clear (Standard) **SW** Satin White (powder coat) **CPC** Custom Powder Coat Canopy Finish *-SSC & SSW no canopy needed*	**4** 4ft. **8** 8ft. **CL** Custom Length	**NA** No Options

LIGHTING Elements

Project Name:	
Type:	
Qty:	

Pluto Large POE





PRODUCT DESCRIPTION

The Pluto Family of fixtures are a sleek and elegant linear fixture that are available in standard pendant, rotational pendant, standard surface and rotational arm mounting options. The fixtures are available with Direct light distributions and a variety of lengths.

FEATURES

- POE (Power over Ethernet)
- 3/64” aircraft cable suspension system
- High transmission frosted lenses with no diode
- imaging
- No visible fasteners
- Extruded aluminum housing
- High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8” thick machined end caps
- 2-5/16”” Diameter
- RAM - 360° rotational w/ 4” long arm mount
- 90 CRI
- Damp listed

Note: *POE system must be configured/commissioned based on the outputs on the last page to connect to the fixture.*

ORDERING INFORMATION

PLL-POE

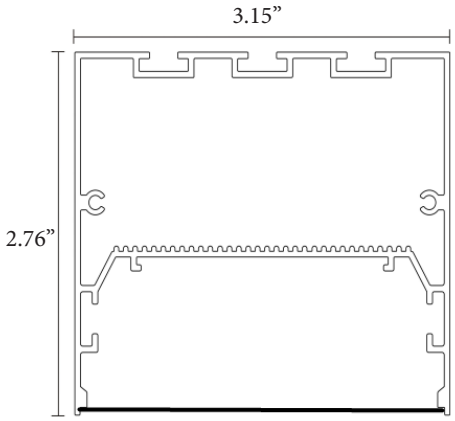
Fixture Type	Mounting	Light Distribution	Color Temp.	Length
PLL-POE Pluto Large (Power Over Ethernet)	**SPM** Standard Pendant Mount **RPM** Rotational Pendant Mount **SSW** Standard Surface Wall **SSC** Standard Surface Ceiling **RAM** Rotational Arm Mount	**D** Direct	**30K** 3000 k **35K** 3500 k **40K** 4000 k	**1** 1’ 1-3/8 **2** 2’ 1-3/8” **3** 3’ 1-3/8” **4** 4’ 1-3/8” **5** 5’ 1-3/8” **6** 6’ 1-3/8” **7** 7’ 1-3/8” **8** 8’ 1-3/8” **12** 12’ 1-3/8” **XX** Custom (consult factory for options)

Housing Finish	Hardware Detail Finish	Canopy Size	Canopy Finish	Power Cord Color	Aircraft Cable Lenght	Options
SC Satin Clear (standard) **SW** Satin White (powder coat) **MB** Matte Black (powder coat) **W** Walnut **C** Cherry **O** Oak **M** Maple **S** Santos **CF** Custom Finish (consult factory)	**MF** Machined Finish (standard) **CF** Custom Finish (consult factory)	**P5N5** 5” Power feed canopy 5” Non-power feed canopy **P5N2** 5” Power feed canopy 2” Non-power feed canopy *-P5N5 must be used for continuous runs* *-SSC & SSW no canopy needed*	**SC** Satin Clear (Standard) **SW** Satin White (powder coat) **CPC** Custom Powder Coat Canopy Finish *-SSC & SSW no canopy needed*	**WH** White **GR** Gray **BL** Black **CC** Custom Color	**4** 4ft. **8** 8ft. **CL** Custom Length	**NA** No Options

LIGHTING Elements

Project Name:	
Type:	
Qty:	

Pluto X-Large POE



PRODUCT DESCRIPTION

The Pluto Family of fixtures are a sleek and elegant linear fixture that are available in standard pendant, rotational pendant, standard surface and rotational arm mounting options. The fixtures are available with Direct light distributions and a variety of lengths.

FEATURES

- POE (Power over Ethernet)
- 3/64” aircraft cable suspension system
- High transmission frosted lenses with no diode
- imaging
- No visible fasteners
- Extruded aluminum housing
- High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8” thick machined end caps
- 2-5/16”” Diameter
- RAM - 360° rotational w/ 4” long arm mount
- 90 CRI
- Damp listed

Note: *POE system must be configured/commissioned based on the outputs on the last page to connect to the fixture.*

ORDERING INFORMATION

PLXL-POE

Fixture Type	Mounting	Light Distribution	Color Temp.	Length
PLXL-POE Pluto X-Large (Power Over Ethernet)	**SPM** Standard Pendant Mount **RPM** Rotational Pendant Mount **SSW** Standard Surface Wall **SSC** Standard Surface Ceiling **RAM** Rotational Arm Mount	**D** Direct	**30K** 3000 k **35K** 3500 k **40K** 4000 k	**1** 1’ 1-3/8 **2** 2’ 1-3/8” **3** 3’ 1-3/8” **4** 4’ 1-3/8” **5** 5’ 1-3/8” **6** 6’ 1-3/8” **7** 7’ 1-3/8” **8** 8’ 1-3/8” **12** 12’ 1-3/8” **XX** Custom (consult factory for options)

Housing Finish	Hardware Detail Finish	Canopy Size	Canopy Finish	Power Cord Color	Aircraft Cable Lenght	Options
SC Satin Clear (standard) **SW** Satin White (powder coat) **MB** Matte Black (powder coat) **W** Walnut **C** Cherry **O** Oak **M** Maple **S** Santos **CF** Custom Finish (consult factory)	**MF** Machined Finish (standard) **CF** Custom Finish (consult factory)	**P5N5** 5” Power feed canopy 5” Non-power feed canopy **P5N2** 5” Power feed canopy 2” Non-power feed canopy *-P5N5 must be used for continuous runs* *-SSC & SSW no canopy needed*	**SC** Satin Clear (Standard) **SW** Satin White (powder coat) **CPC** Custom Powder Coat Canopy Finish *-SSC & SSW no canopy needed*	**WH** White **GR** Gray **BL** Black **CC** Custom Color	**4** 4ft. **8** 8ft. **CL** Custom Length	**NA** No Options

LIGHTING Elements

Project Name:	
Type:	
Qty:	

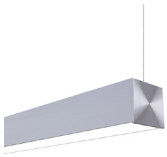
Pluto

CANOPY OPTIONS:

2 inch non-power feed canopy

5 inch power feed canopy

MOUNTING OPTIONS:



Standard Pendant Mount

Rotational Pendant Mount

Standard Surface Mount

Rotational Arm Mount (360° Rotation, 4" Long Arm)

WOOD FINISHES:

Walnut | Cherry | Oak | Maple | Santos

CONFIGURATION:

	Power Feed Quantity	
Fixture	**1-6 feet long**	**7-12 feet long**
PLS-POE	1	2
PLM-POE	1	2
PLL-POE	1	2
PLXL-POE	1	2

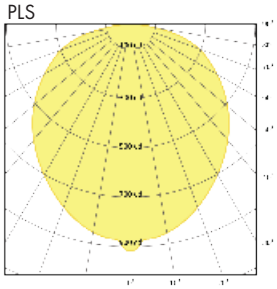
Forward Voltage for each LED board = Vf: 39V

Output	LM/FT	W/FT	Drive Current (mA)
VLO	480	4	90
LO	720	6	135
SO	945	8	180
HO	1185	10	225
VHO	1380	12	270

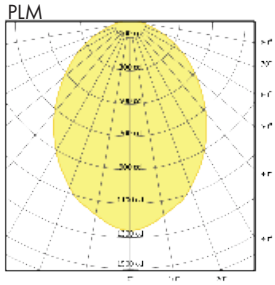
* Drive Current must be multiplied by the Fixture Length to get the proper drive current (For each power feed)

PHOTOMETRY:

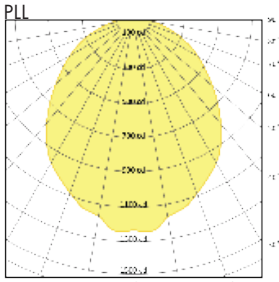
PLS



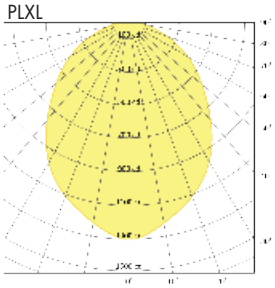
PLM



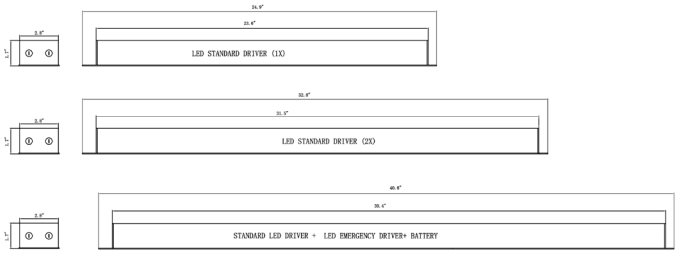
PLL



PLXL



FIXTURE PROPERTIES(AS TESTED)

- 4' nominal length fixture
- Standard Output (SO)
- Total system energy consumption: 32 Watt
- 118 Lumens/Watt

DRIVER HOUSING DIAGRAM