



Introducing Pro Series PLL Linear LED for harsh industrial use

Introduction

The Champ Pro Series PLL Linear LED by Eaton's Crouse-Hinds is specifically designed to replace fluorescent T12, T8 and T5HO lighting in heavy and harsh industrial applications. The rugged and durable design features the industry's most versatile and flexible mounting options. The PLL is the ideal solution for high vibration, impact and hose down applications.

Applications:

Ideal for a variety of non-hazardous applications such as mining, food processing, marine, wastewater treatment, heavy manufacturing and general wash down areas.

Key features & benefits:

- Industry-leading efficacy: up to 130 LPW
- -40°C to +65°C ambient operating temperature
- Ultra slim (less than 3" height) low profile fixture
- Versatile ceiling/swivel, wall, flush, pole and pendant mounting options
- Standard wide and optional narrow optics for uniform illumination
- Four points of secondary retention and through feed wiring options
- Ability to withstand 2,000 psi of hose pressure from a 5 foot distance and 5G, 3-axis vibration
- Surge protection options (up to 10kV)

Electrical specifications:

	2 ft.	4 ft.
Voltage	100-277 VAC/108-250 VDC; 347-480 VAC	
Amperage @ 120VAC	0.24	0.46
Wattage @ 120 VAC	29W typical	55W typical
Lumen output	3,600	7,100
Frequency	50/60 Hz	50/60 Hz
Power factor @ 100 VAC	0.90	0.95
THD	<20%	<20%

*Preliminary typical values; data subject to change.



Certifications:

NEC/CEC standards:

- Type 4X
- IP66
- Wet Locations

UL standards:

- UL1598 Luminaire
- UL1598A Luminaire for Installation on Marine Vessels

CSA standard:

- C22.2 No. 250

Additional standards:

- ABS design assessed – *pending*

Materials:

Housing:

- Copper-free aluminum
- Optional Corro-free™ epoxy powder coat

Lens:

- Glass or polycarbonate
- Diffused glass or polycarbonate

Quick & easy installation:

- Easy access to drivers and wiring
- Plug 'N Play LynxPOWER™ cord set and receptacle for daisy chaining multiple fixtures and ease of install (optional)
- Pre-wired cable with Type P cable and ADE 1F gland for quicker field installation (optional)

Mounting:

Versatile mounting options:

- Back mount (fixed/ceiling)
- Back mount (swivel/ceiling)
- Offset ceiling mount
- Offset wall mount
- Pole mount
- Pendant mount – *pending*

Ordering information

Part number example

PLL4N/UNV1 S903 LP TF P

Champ Pro series linear LED, cool white, 4 foot, 3/4" hubs, 80° narrow light pattern, 100-277 VAC driver, polycarbonate lens, LynxPOWER receptacles, through feed hubs, painted

PLL	4	N	/UNV1	S903	LP	TF	P	
Series				Lens			Finish	
PLL	Champ Pro series linear LED luminaire			BLANK	Glass		BLANK	Natural aluminum
				S903	Polycarbonate		P	Painted (gray, epoxy)
				S891	Diffused glass			
				S903D	Diffused polycarbonate			
Length/lumens							Through feed	
4	4 ft. length, 7,100 lumens						TF	Pull wire included in the fixture
2	2 ft. length, 3,600 lumens							
Optics							Cord options	
BLANK	Wide (120°)						LP*	LynxPOWER receptacles, factory pre-wired
N	Narrow (80°)						CD	Type P cable, 10 ft. (non-armored), ADE 1F series gland pre-wired to fixture
Voltage								
/UNV1	100-277 VAC; 108-250 VDC							
/UNV34	347-480 VAC							

*All ML3C4WC series Mini-Line LynxPOWER cord sets can be utilized. Refer to accessories section below for part number.

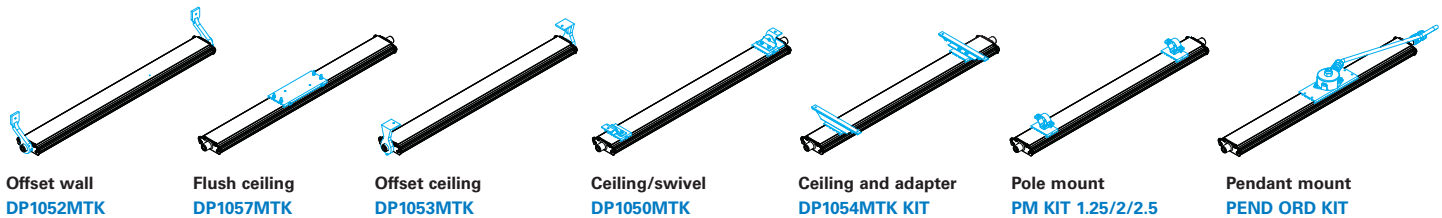
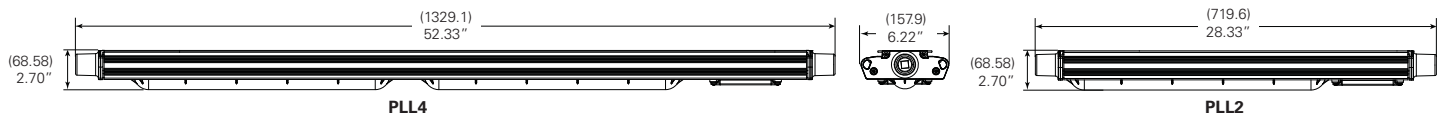
Accessories (ordered separately)

DP1057MTK	Flush/back mount back plate	VMVL/UNV1 80W 1A KIT	1 amp driver replacement kit 90-277 VAC for 4 ft. linear
DP1050MTK	Ceiling/swivel mount	VMVL/UNV34 80W 1A KIT	1 amp driver replacement kit 347-480 VAC for 4 ft. linear
DP1053MTK	Ceiling/wall mount offset	VMVL/UNV1 80W 0.5A KIT	0.5 amp driver replacement kit 90-277 VAC for 2 ft. linear
DP1054MTK KIT	Ceiling mount bracket and adapter kit	VMVL/UNV34 80W 0.5A KIT	0.5 Amp driver replacement kit 347-480 VAC for 2 ft. linear
DP1052MTK	Offset wall mount	SRG UNV1	10kV/KA surge protection kit for 100-277 VAC
PM KIT 1.25	Pole mount kit, 1.25" conduit	SRG UNV34	10kV/KA surge protection kit for 347-480 VAC
PM KIT 2.0	Pole mount kit, 2.00" conduit	CABLE KIT ORD 1	TECK non-armored cable (5 ft.) with TECK glands
PM KIT 2.5	Pole mount kit, 2.50" conduit	CABLE KIT ORD 2	Type P non-armored cable (5 ft.) with ADE 1F glands
*PEND ORD KIT	Pendant mount kit	**ML3C4WC060F	6 ft. Mini-Line LynxPOWER cordset
SS KIT	Safety chain kit	**ML3C4WC120F	12 ft. Mini-Line LynxPOWER cordset

*Pending, contact Eaton's Crouse-Hinds customer service for availability.

**Additional lengths available. Contact Eaton's Crouse-Hinds customer service for additional options.

Mounting options and dimensions:



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Printed in USA
Publication No. 5178-1114
November 2014

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