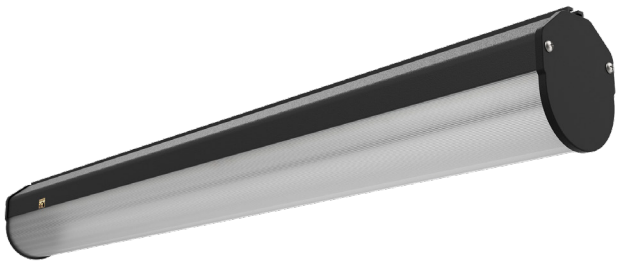
LEINS2

LED INSPECTION LIGHTING

Paint Inspection ● Plastic Inspection ● Defect Detection

The LEINS2 is an LED Inspection lighting fixture that was specifically designed for focusing light in a particular direction for inspection and surface defect detection applications. This fixture is capable of saving 45% or more energy than the traditional fluorescent fixture, and has an excellent economic efficiency by greatly reducing maintenance costs while eliminating the need for handling and disposing of hazardous material.



Consult LDPI Sales for available NOM Certified Configurations

LEINS2		V1			
1	2	3	4	5	6

1 SERIES	2 SOURCE*	3 VOLTAGE	4 LENGTH	5 FINISH	6 OPTIONS
LEINS2	**P8:** 8W to 28W **P13:** 13W to 51W **P21:** 21W to 84W *See performance table	**V1:** 120-277VAC (50/60Hz)	**2:** 2 Ft. **4:** 4 Ft. **6:** 6 Ft. **8:** 8 Ft.	**PB:** Powder Coat Black (Standard) **PW:** Powder Coat White	**C:** Cord with Blunt End **CP1:** 6 Ft. Cord with 120V Twist Lock L5-15P Plug **CP2:** 6 Ft. Cord with 277V Twist Lock L7-15P Plug **D2:** 0-10V Dimming, (2) M12 Connectors as Standard* **D3:** DALI Dimming, (2) M12 Connectors as Standard* **EM:** Battery/Driver Backup (90 Min.) *If dimming option is selected along with a cord and plug, separate dimming cables are required. Ordered separately.

CERTIFICATIONS

UL1598 / CSA 22.2 No. 250.0 (Ordinary)
Lumen Maintenance (L70): >50,000 hrs. (reported)
-20°C to 50°C Ambient Rating
CRI >95 / R9

CONSTRUCTION

Extruded aluminum housing
Extruded, frosted acrylic lens
Powder coat black finish (standard)
Weights: Length specific, see dimensions chart

ELECTRICAL

120-277VAC
Dimming Options: 0-10V or DALI
Emergency, battery backup option available

FEATURES

5 Year Warranty
Mounting Options: Ceiling, Wall, Cable, Chain, Surface
(Mounting options ordered separately, field installed)
Lens designed for topographical defect detection
Powder coat special: Customer must specify RAL #
Anodized Black Finish (Minimum order quantities required)

***These products are Manufactured in the USA with both domestic and imported components; not all fixture configurations are compliant. Contact LDPI Sales with specific part number and requirement - Build America, Buy America, TAA or any other federal procurement act for compliance confirmation. Compliance confirmation can take up to 3 days.**

PERFORMANCE

Source	Length	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumen Output* (Lm)
P8	2 Ft.	120-277	0.07 - 0.03	8	5,000K	930
	4 Ft.		0.12 - 0.05	14		1860
	6 Ft.		0.19 - 0.08	22		2790
	8 Ft.		0.24 - 0.10	28		3720
P13	2 Ft.		0.11 - 0.05	13		1570
	4 Ft.		0.22 - 0.10	26		3140
	6 Ft.		0.33 - 0.15	39		4710
	8 Ft.		0.43 - 0.19	51		6280
P21	2 Ft.		0.18 - 0.08	21		2480
	4 Ft.		0.35 - 0.16	42		4960
	6 Ft.		0.53 - 0.24	63		7440
	8 Ft.		0.70 - 0.31	84		9920

* Nominal values

Emergency Mode		
Wattage (Max)	Length	Lumen Output (Lm)
20	2 Ft.	1370
	4 Ft. & 8 Ft.	2740
	6 Ft.	4110

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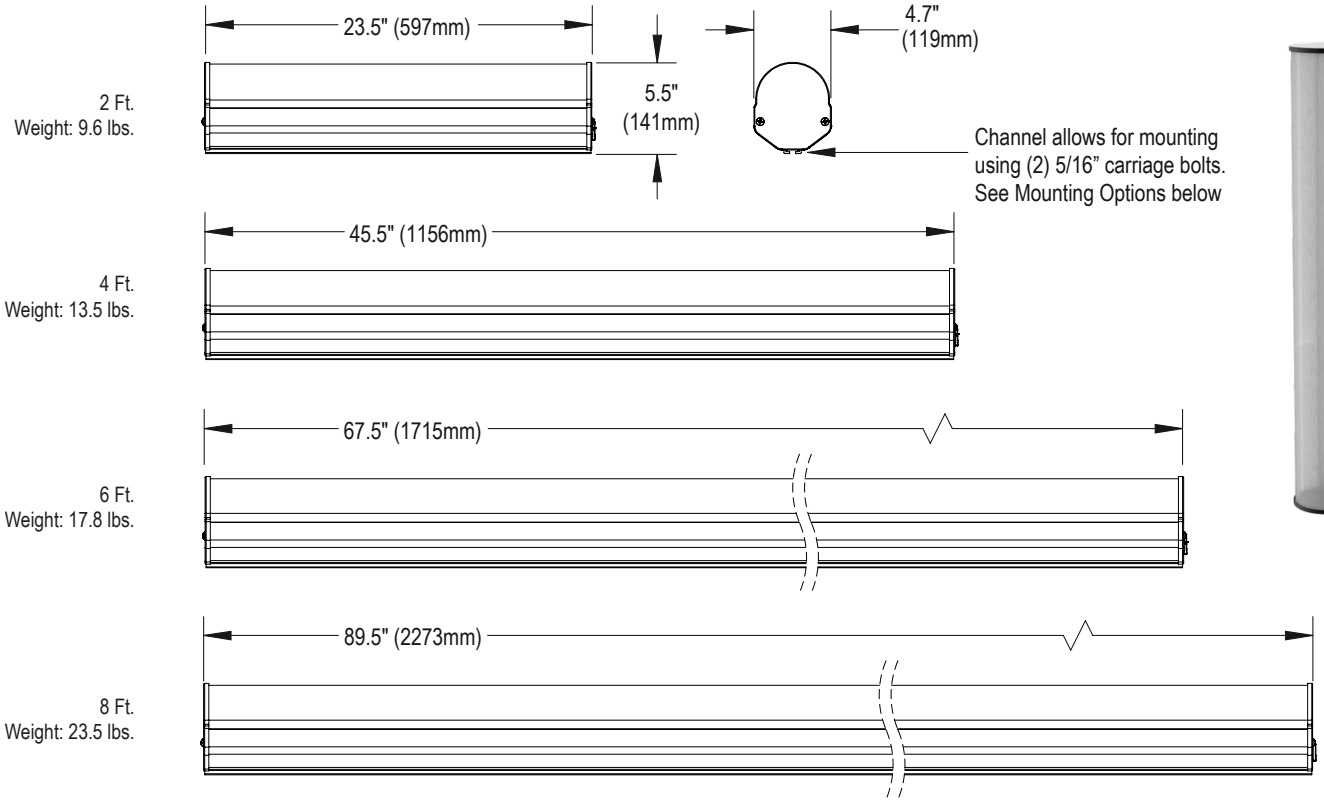
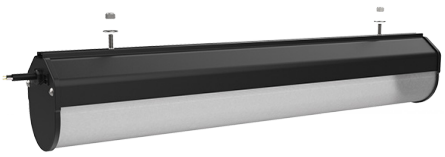
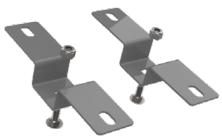
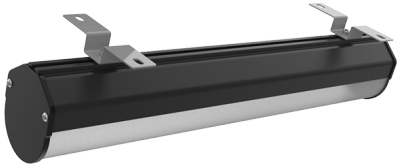
DIMENSIONS



MOUNTING (ORDERED SEPARATELY, FIELD INSTALLED)

Part #	Description		
18093	Direct Universal Mount Kit (2) 5/16-18 x 1" Carriage Bolt (2) 5/16" Flat Washer (2) 5/16" Lock Nut		
8170	Cable / Chain Kit Includes hardware and cable eyelets as shown. Cable/chain not included		
8171	Ceiling / Wall Kit Includes hardware and brackets as shown.		
10568	Surface Kit Includes hardware and brackets as shown.		

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Product design and specifications subject to change without notice.
Visit www.ldpi-inc.com for the most current version and photometric data. v.03.26.26

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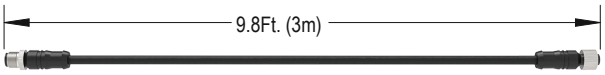
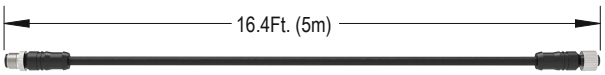
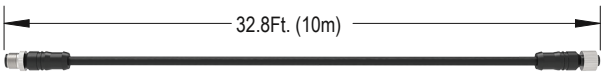
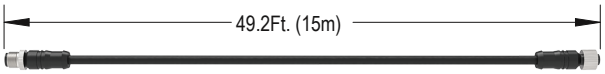
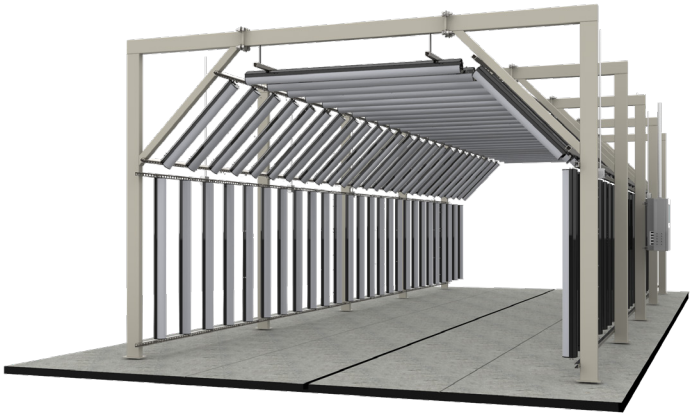
DIMMING CABLES (ORDERED SEPARATELY)

Dimming Cables (Required with D2 and D3 dimming options)			
Part #	**Connector Type**		**Length (if applicable)**
16350	M12 4-pin foil shield w/ drain male/female		
16349			
14772			
16348			

ACCESSORIES AND APPLICATIONS

Application	
Custom cart solutions for portable lighting soluitons. Purchased separately. Consult sales with your requirements.	
Inspection tunnels for topographical defect detection. Custom controls options available. Ordered separately. Consult sales with your requirements.	

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