

# Dart

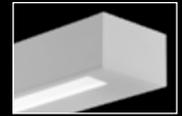
LED



acrylic diffuser

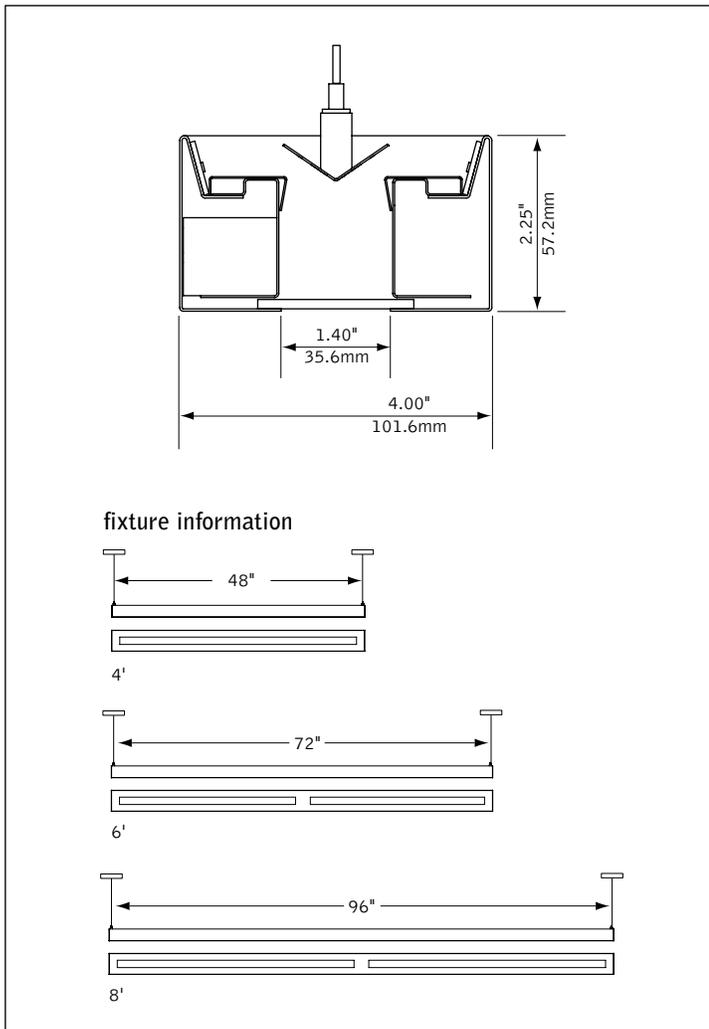


microglow lens



wall mount companion

## DIMENSIONAL DATA



## FEATURES

Miniature suspended direct/indirect LED luminaire.

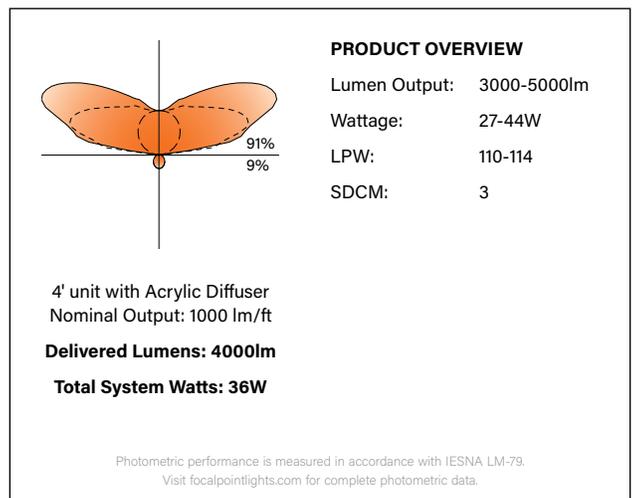
Excellent choice for lower ceiling applications and areas where ceiling uniformity is important.

Features Gradient Optic which softens cut-off line on surrounding walls and other vertical structures. Optional Beam Smoothing Diffuser provides additional softening to the beam.

MicroGlow lens offers cutoff & brightness control to support comfortable environments.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

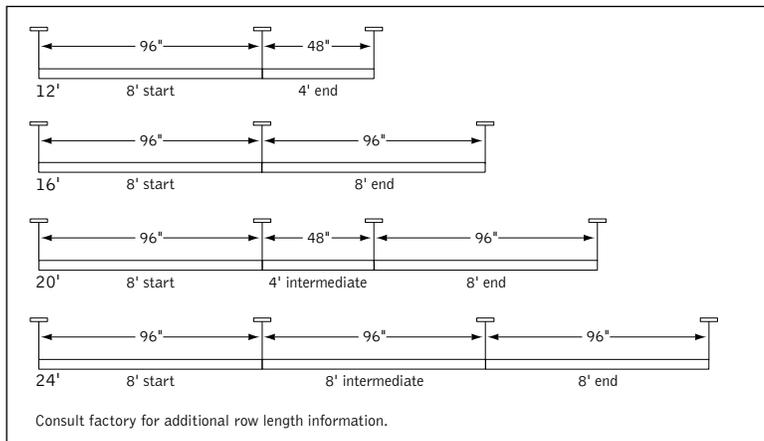
## PERFORMANCE



fixture:

project:

**DETAILS**



**SPECIFICATIONS**

**LED Systems**

Linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. Available in 3000K, 3500K, 4000K with CRI>80, 3SDCM. LED boards and drivers are replaceable.

**Construction**

One-piece 22 Ga. steel housing. Steel end caps attach flush to housing. For row installation, internal brackets form hairline joint. All luminaires are provided with single-point suspension mounted on 48", 72" or 96" centers. 4' unit weight: 10lbs. 6' unit weight: 16 lbs. 8' unit weight: 21 lbs.

**Optic**

Reflector fabricated of low iridescent, semi specular premium grade aluminum. 24 Ga. steel gradient optic finished in matte white powder coat. 0.125" thick acrylic lens. Optional 0.42" smooth acrylic Beam Smoothing Diffuser.

**Electrical**

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Power factor > .9.

**Emergency**

Emergency Battery output—12W for 90 minutes for all available models. Beam Smoothing Diffuser supplied as standard. Emergency Circuit with Connected Solutions (WSPC, WLXP) shipped standard with leads to connect UL924 compliant device, by others.

**Labels**

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

**Finish**

Polyester powder coat applied over a multi-stage pre-treatment. Canopy finished in Matte Satin White.

**Lumen Maintenance**

Reported: L70 at 60,000 hours                      Calculated: L70 at 130,000 hours  
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

**Reliability**

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

**Warranty**

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

**4' PERFORMANCE CHART**

Shielding	Lumens per Foot	Delivered Lumens	System Watts	LPW
Acrylic Diffuser / MicroGlow Lens	750LF	3000	27	112
	875LF	3500	31	112
	1000LF	4000	36	111
	1125LF	4500	41	110
	1250LF	5000	44	114

Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

**ORDERING**

<b>Fixture Series</b>		<b>FDALS</b>
Dart LED	FDALS	
<b>Shielding</b>		
Acrylic Diffuser	AC	
MicroGlow Prismatic Lens	MG	
<b>Lumen Output</b>		
750 Lumens per foot	750LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
1125 Lumens per foot	1125LF	
1250 Lumens per foot	1250LF	
<b>Color Temperature</b>		
3000K	30K	
3500K	35K	
4000K	40K	
<b>Circuits</b>		<b>1C</b>
Single Circuit	1C	
<b>Voltage</b>		
120/277 UNV Volt	UNV	
347 Volt <small>(LD1 only)</small>	347	
<b>Control System &amp; Dimming Level</b>		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI - 1% Dimming	D11	
DALI - 10% Dimming	DD1	
Step Dimming <small>(Not available with 750LF)</small>	SD5	
Wattstopper PLUS: Connected Light Module <small>(0-10V standard. Consult factory for DALI.)</small>	WSPC	
WaveLinX Pro - 1% Dimming* <small>*See sensor layout guide</small>	WLXP	
<b>Mounting</b>		
24" Cable Suspension	J24	
48" Cable Suspension	J48	
96" Cable Suspension	J96	
<small>(Add "P" for Chicago plenum. Eg: JP12, CP12) (Specify one of the following in place of "J" C - for 5" canopies at non-feed locations. CS - for sloped ceilings.)</small>		
<b>Factory Options</b>		
Beam Smoothing Diffuser <small>(Dust Cover. Supplied as standard with Emergency Battery.)</small>	BSD	
Emergency Circuit	EC	
Emergency Battery <small>(Not available in 6' units. BSD standard.)</small>	EM	
<b>Finish</b>		
Titanium Silver	TS	
Matte Satin White	WH	
<b>Fixture Run Length</b>		
	4'	4'
	6'	6'
<small>(Can not be combined with 4' &amp; 8' lengths to create longer run length)</small>		
	8'	8'
	12' (8'+4')	12'
	16' (8'+8')	16'
	20' (8'+4'+8')	20'
	24' (8'+8'+8')	24'
<small>(Individual units may not be field modified for continuous row mount)</small>		

Focal Point provides broad flexibility through compatibility with a wide range of indoor lighting control systems. A variety of sensors, nodes, controllers, and drivers can be specified to scale the system and meet the needs of each application across both wired and wireless networks.

Features such as daylight harvesting, occupancy sensing, dimming, and switching help save energy, reduce costs, and enhance occupant comfort. All Connected Solutions luminaires require a compatible building control system.

Controls systems supplied by others. For performance data and additional control system details, please visit the connected solutions manufacturers websites.

Connected Solution	Ordering Code	Model #	Protocol	Compatible Networks <small>(Not all compatible networks may be listed)</small>	Description	Occupancy & Daylight	Communication to Luminaire	Drivers <small>(Primary drivers are listed in <b>bold</b>. To specify a particular driver please consult factory.)</small>	Driver Type
WATTSTOPPER®									
	WSPC	EN-ZBHA-CLM-DIM	ZigBee	Wattstopper PLUS	Node	Enabled <sup>†</sup>	Wireless	<b>Advance by Signify</b>	0-10V standard, consult factory for DALI
	WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Sensor	Integrated <sup>*</sup>	Wireless <small>(WaveLinx Pro Wireless Area Controller)</small>	<b>Advance by Signify</b>	<b>0-10V</b>

<sup>†</sup>Enabled: Luminaire supplied with a node/controller. Sensor to be provided by others.

<sup>\*</sup>Integrated: Luminaire supplied with an installed sensor.