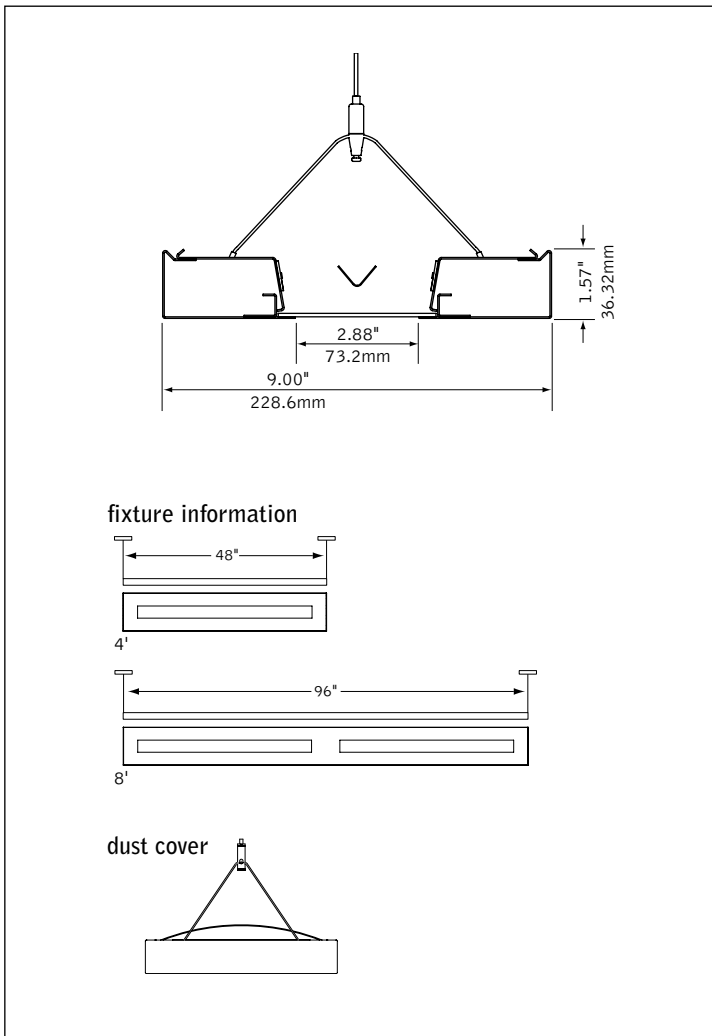


acrylic diffuser



microglow

DIMENSIONAL DATA



FEATURES

Low profile suspended direct/indirect LED luminaire.

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

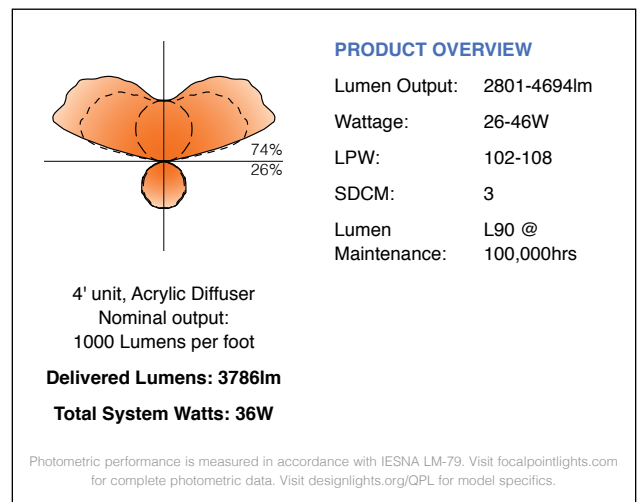
Features Gradient Optic which softens cut-off line on surrounding walls and other vertical structures.

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

35% energy savings over comparable fluorescent versions.

Up to 108 lpw.

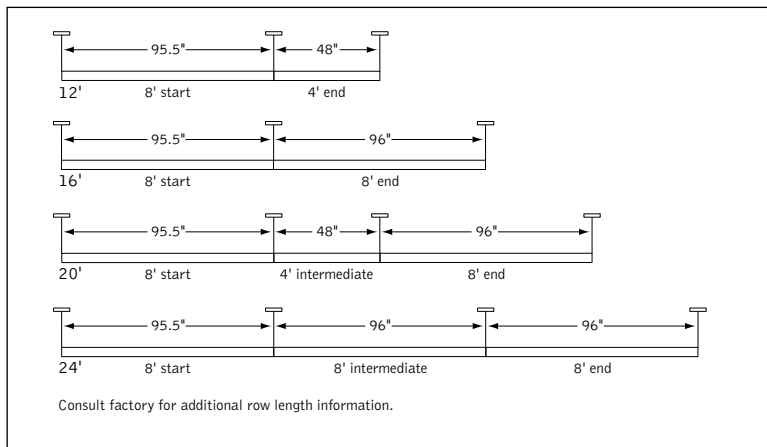
PERFORMANCE



fixture:

project:

SUSPENSION INFORMATION



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 20 Ga. steel housing. Steel end caps attach flush to housing. For row installation, internal brackets form hairline joint. All luminaires are provided with Y-cable suspension mounted on 48" or 96" centers. 4' unit weight: 22 lbs., 8' unit weight: 40 lbs.

Optic

Reflector fabricated of 22 Ga. steel finished in high reflectance matte white. 24 Ga. steel beam softening filter finished in matte white powder coat. .125" thick acrylic lens.

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

IOTA CP12. Emergency output —12W for 90 minutes. Maximum mounting height: 11.25ft. Emergency Circuit maximum mounting height: 15.00ft.

Labels

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

Finish

Polyester powder coat applied over a 5-stage pre-treatment. Canopy finished in Matte Satin White.

Lumen Maintenance

Calculated: L90 at 100,000 hours Reported: L90 at >37,000 hours
 Derived from EPA TM-21 calculator

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	Tested System Watts	LPW
Acrylic Diffuser	750LF	2801	26	108
	875LF	3298	31	106
	1000LF	3786	36	105
	1125LF	4260	41	104
	1250LF	4679	46	102
MicroGlow Lens	750LF	2810	26	108
	875LF	3308	31	107
	1000LF	3798	36	106
	1125LF	4274	41	104
	1250LF	4694	46	102

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

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

		FTWLS
Fixture Series	Twelve LED	FTWLS
Shielding	Acrylic Diffuser	AC
	MicroGlow Prismatic Lens	MG
Lumen Output	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
Color Temperature	3000K	30K
	3500K	35K
	4000K	40K
Circuits	Single Circuit	1C
Voltage	120 Volt	120
	277 Volt	277
	UNV Volt	UNV
<small>(Cannot be specified with EM option)</small>		
Driver	0-10V - 10% Dimming	LD1
	Lutron A-Series	L3D
	1% EcoSystem Digital	
<small>(Not available with 1250LF)</small>		
<small>(Consult factory for 3-wire control)</small>		
Mounting	12" Cable Suspension	J12
	24" Cable Suspension	J24
	48" Cable Suspension	J48
	96" Cable Suspension	J96
<small>(Add "P" for Chicago plenum. Eg: JP12, CP12)</small>		
<small>(Specify one of the following in place of "J"</small>		
<small>C - for 5" canopies at non-feed locations.</small>		
<small>CS - for sloped ceilings.)</small>		
Stem Mount		S__
<small>(Specify stem length in inches Standard stem lengths 6, 12, 18, 24, 36, 48". White stems and canopies supplied standard. For non-white housings: to match stem and housing, add M to ordering code (S12M). To match stem, canopy and housing, add MC to ordering code (S12MC)</small>		
Factory Options	Dust Cover	DC
	Emergency Circuit	EC
	Emergency Battery	EM
<small>(Sensor options available—consult factory)</small>		
Finish	Titanium Silver	TS
	Matte Satin White	WH
Fixture Run Length	4'	4'
	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>		

*For more information visit focalpointlights.com/reference or consult factory.

Twelve™

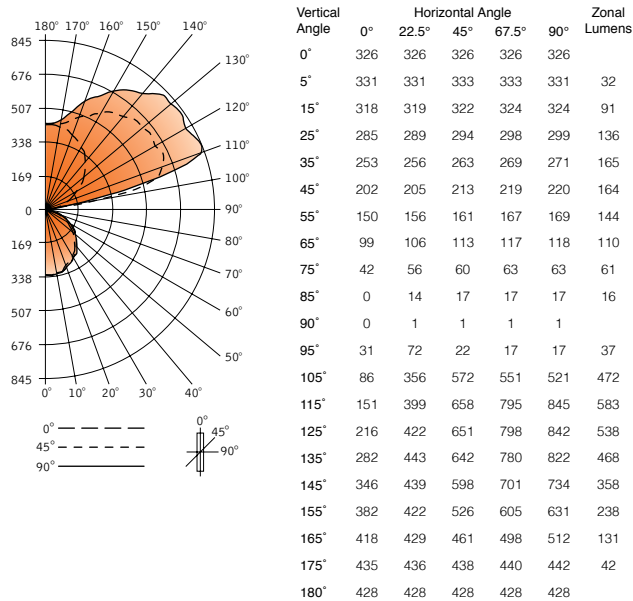
LED - ACRYLIC DIFFUSER

FTWLS-AC-1000LF-35K-LD1-WH-4'

Filename: FTWLSAC1000LF35K.IES
 Test #: 18053.0

Lumens: 3786lm
 System Watts: 36.0W
 LPW: 105

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	258	6.8
0-90°	919	24.3
90-130°	1630	43.1
90-180°	2867	75.7
Total Luminaire 0-180°	3786	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3701	3906	4033
55°	3383	3650	3824
65°	3032	3460	3609
75°	2092	2999	3173
85°	0	2485	2589

Go to www.focalpointlights.com for additional photometric data.

Twelve™

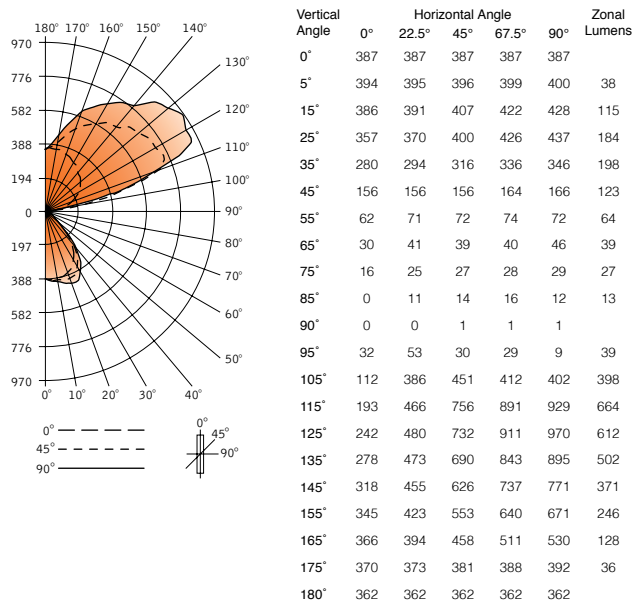
LED - MICROGLOW

FTWLS-MG-1000LF-35K-LD1-WH-4'

Filename: FTWLSMG1000LF35K.IES
 Test #: 18056.0

Lumens: 3798lm
 System Watts: 36.1W
 LPW: 105

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	338	8.9
0-90°	801	21.1
90-130°	1713	45.1
90-180°	2997	78.9
Total Luminaire 0-180°	3798	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2860	2860	3053
55°	1397	1620	1636
65°	927	1207	1422
75°	809	1337	1478
85°	0	2090	1777

Go to www.focalpointlights.com for additional photometric data.