

# VERTEX CLF11L Linear

Vandal Resistant

CLF11L Series LED



Fixture Type	Date
Job Name	Approved By
Catalog Number	

## SPECIFICATIONS

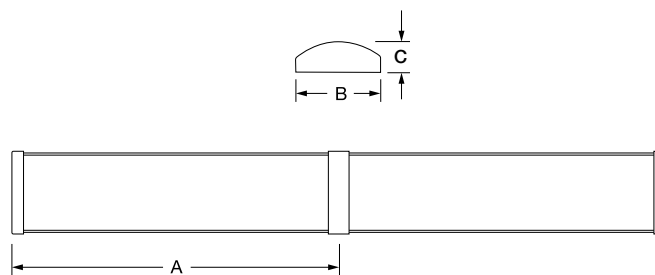
ADA  
ADA Compliant



<b>Description</b>	The Vertex CLF11L linear series combines sophisticated optical performance with an economical durable, steel construction that is typically used in applications where durability and price are both equally considered. Successful applications have included public schools, airports, industrial facilities and public rest areas. The Vertex CLF11L linear series is also available with energy saving occupancy sensors and can be continuous row mounted as needed.
<b>Housing</b>	Die formed 18 gauge cold rolled zinc coated steel. Aluminum housing is also available. Finished with electrostatically applied polyester powder coat.
<b>Lens</b>	Extruded UV stabilized polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with injection molded end caps and 2 captive stainless steel TORX® head screws.
<b>End Caps</b>	Injection molded UV stabilized polycarbonate with minimum wall thickness 0.140". Secured to housing with 2 captive stainless steel TORX® head screws per side. Provisions for surface conduit entry.
<b>Drivers</b>	Dimming to 1%, 10% or Programmable Lumen Output driver options. Non-Dimming Driver is also available.
<b>LED</b>	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L <sub>70</sub> projected life of over 130,000 hours at 50°C.
<b>Government Procurement</b>	<b>BAA – Buy America(n) Act:</b> Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations. <b>BABA – Build America Buy America:</b> Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to <a href="http://www.acuitybrands.com/buy-american">www.acuitybrands.com/buy-american</a> for additional information.
<b>UL Listing</b>	U.L., C.U.L. Damp Location Listing standard.
<b>Warranty</b>	Lifetime warranty, Luminaire LED incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. 10-year warranty on LED boards against operational defects. Tested in accordance with LM-80.
<b>Note</b>	Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## DIMENSIONAL DATA

	A	B	C
CLF11L 2FT	25.42	10.95	4.00
CLF11L 4FT	47.58	10.95	4.00



## ORDERING INFORMATION

Example: CLF11L LSL 8FT MSL2 NODIM 40W 40K 120 CLP WHT

Series*	Linear Plan*	Total Run Length* <sup>1</sup>	Max Section Length*	Housing	Drivers
CLF11L Industrial Vandal Resistant 11" Wide Linear Luminaire, Joined for Linear Run.	LSL Linear Same Length	_FT Total Run Length in Feet. Max. 100FT <i>Total Length of the Linear Run.Cannot Combine Different Fixture Lengths per run. See chart on page. 3</i>	MSL2 2FT MSL4 4FT <i>Choose only ONE length per linear run.</i>	(Blank) AL Aluminum Housing	MIN10 Dimming to 10% MIN1 Dimming to 1% NODIM Non-Dimming

Dual Drivers	Wattage* <sup>1</sup>	CCT*	Voltage*	Lens*	Finish*
2DRV Two LED Drivers for independent LED Board Operations	40W 100W 50W 160W 80W <i>See Chart on Page 3 for Available Wattage per Fixture Length</i>	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	120 120 Volt 277 277 Volt MVOLT 120-277 Volt 347 347 Volt	CLP Clear Prismatic OP Opal	BLK Black WHT White BRZ Bronze GRY Gray CUST Custom Color, Consult Factory RALTBD Ral Paint finishes <i>RALTBD for pricing only. Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options</i>

\*Required

## OPTIONS

Emergency <sup>2</sup>	
#EMB310 <sup>3</sup> Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F) 1200 lumens	#EMB20R <sup>5</sup> Remote mounted micro inverter that will operate a 25W maximum load for 90 min. 0°C (32°F) to 45°C (113°F).
#EMB310T20 <sup>3</sup> Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 1200 lumens	#EMB125R <sup>5</sup> Remote inverter that will operate a maximum 125W load for 90 min. 20°C (68°F) to 30°C (86°F)
#EMB722 <sup>3,4</sup> Self contained, 90 minute emergency battery pack for 25W operation only. 0°C (32°F) to 60°C (140°F). 2600 lumens	#EMB250R <sup>5</sup> Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F)
	#EMB375R <sup>5</sup> Remote inverter that will operate a 375W maximum load for 90 min. 20°C (68°F) to 30°C (86°F)
<i>Location of battery pack defaults to the right side of the final fixture in the run, for other locations please consult factory.</i>	

Back Box	Fusing	Photocell	Sensors <sup>7</sup>	Hardware
COR Corner mounted back box	GLR <sup>6</sup> Fuse and Fuse Holder	PC <sup>6</sup> Photoelectric switch	OCC Microwave occupancy sensor mounted behind the lens. On/Off operation only. OCC50 <sup>8</sup> Microwave occupancy sensor. 50% of LED's constantly on and 50% sensed on/off. OCCBT Bluetooth connected microwave occupancy sensor mounted behind the lens. All LED board sensed to dim to 50%, 40%, 30%, 20%, or 10%, field selectable low levels. OCCFA Microwave occupancy sensor mounted behind the lens. All LED board sensed to dim to 50%, 30%, 20%, or 10%, field selectable low levels. Factory standard preset of 50% dimming level and 20 minute time out	PHSC Phillips Head instead of TORX® head

### Ordering Notes

- See Linear Run Chart
- Not available with 347V
- Not available with 160W
- Not available in MSL4
- Not available MVOLT
- Not available with MVOLT or 347
- Not available with EMB20R, EMB125R, EMB250R
- Not available with 2DRV

**Accessories:** Order as separate catalog number.

TXSD TORX® Screwdriver Bit

*Initial shipment includes one (1) TXSD per fixture*

## LINEAR RUN CHART

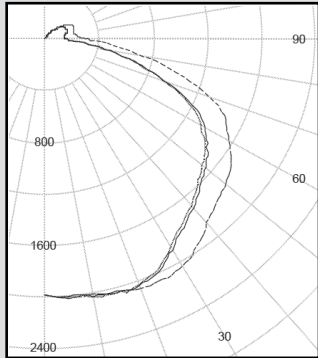
Size	Wattage
MSL2	40W   50W   80W
MSL4	50W   80W   100W   160W

## PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
CLF11L 2FT	40W	41.0W	3465	3212	3502	3246	3576	3316	3687	3418	3797	3520
CLF11L 2FT	50W	57.5W	5235	4852	5291	4904	5402	5007	5570	5162	5736	5317
CLF11L 2FT	80W	86.3W	7858	7285	7941	7362	8109	7517	8360	7750	8611	7982
CLF11L 4FT	50W	57.5W	5235	4852	5291	4904	5402	5007	5570	5162	5736	5317
CLF11L 4FT	80W	86.3W	7858	7285	7941	7362	8109	7517	8360	7750	8611	7982
CLF11L 4FT	100W	115.0W	10471	9707	10583	9810	10805	10017	11140	10327	11474	10636
CLF11L 4FT	160W	172.6W	15722	15038	15889	14729	16224	15039	16726	15504	17227	15969
CLF11L xFT	PRD		Programmable Driver. Specify Lumens in Ordering Information									

### MODEL CLF11L 4FT 160W 40K CLP

Delivered Lumens: 1,5487 Lumens

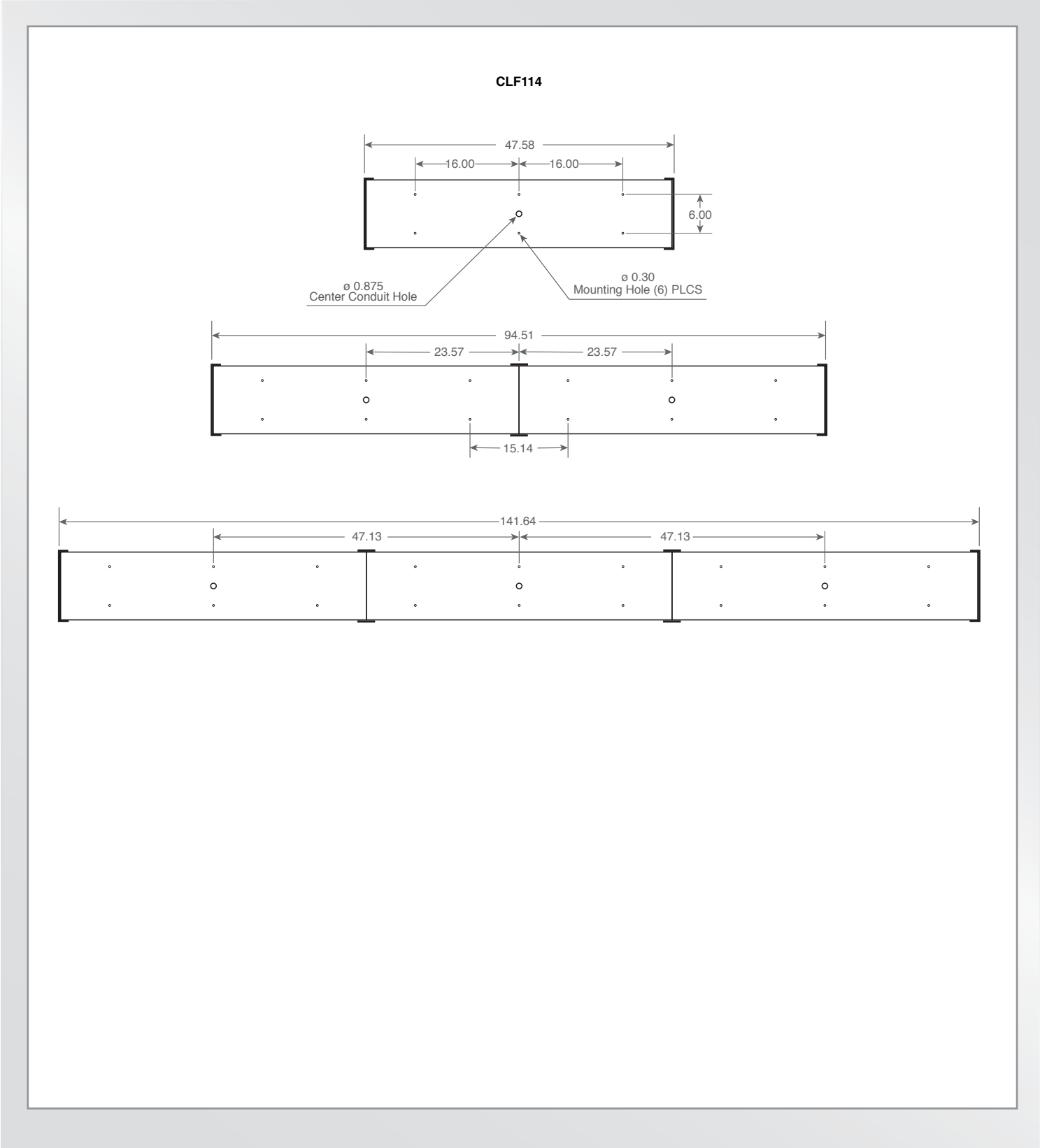


### IES FILE: CLF11L 4FT 160W 40K CLP

Total Power: 172.6W

Zone	Lumens	% Lamps
0 - 30	3520	22.7
0 - 40	5845	37.7
0 - 60	10705	69.1
60 - 90	4117	26.6
0 - 90	14823	95.7
90 - 180	665	4.3
0 - 180	15487	100.0

## MOUNTING PLATE DETAILS



# VERTEX **CLF11L Linear**

Vandal Resistant

CLF11L Series LED

FIXTURE IMAGE

