

# Vertex 11

Vandal Resistant

CLF 11 Series LED



Fixture Type	Date
Job Name	Approved By
Catalog Number	

## SPECIFICATIONS

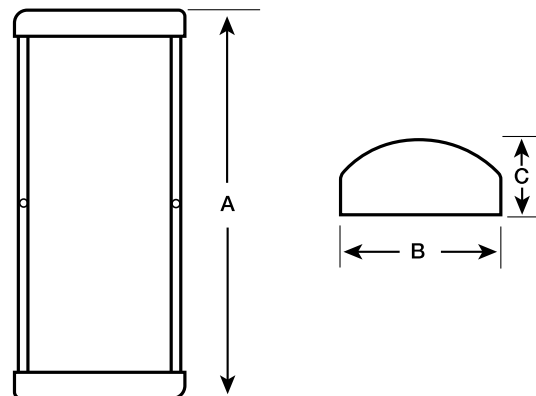
ADA Compliant



<b>Description</b>	The Vertex 11 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 11 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. 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>Driver</b>	Constant current driver at 700mA, 120-277V. 347V optional.
<b>LED</b>	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K or 5000K and 80 CRI wired in parallel-series. L <sub>70</sub> projected life of over 130,000 hours at 50°C. Tested in accordance with LM-80. Ten year warranty on LED boards against operational defects.
<b>Listings</b>	U.L., C.U.L., Damp optional. Product listed on the DesignLights Consortium Qualified Products List. Please check the DLC Qualified Products List at <a href="http://www.designlights.org/QPL">www.designlights.org/QPL</a> for listed configuration details.
<b>Lifetime Warranty</b>	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

## DIMENSIONAL DATA

	A	B	C
CLF111	16.21	10.95	4.00
CLF112	25.42	10.95	4.00
CLF114	47.58	10.95	4.00



## ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
CLF111	20W	2700K	120-277	CC	CP	BLK	DIM	COR	
	25W	3000K	347	DIM	OP	WHT	PC	EMB310	
	40W	3500K		PRD		BRZ	GLR	EMB722	
CLF112	60W	4000K				GRY	JB	EMB20R	
	80W	5000K				CUST	DAMP	EMB125R	
	125W						OCC	EMB250R	
CLF114	50W						OCC50	EMB375R	
	80W						OCCFA	ST/SC	
	100W						OCCBT		
	160W						AL		
							16 GA		
	PRD: Specify Watts or Lumens Above								

CC = Constant Current (Standard)

DIM = 0-10V Dimming, 10% at lowest level

PRD = Programmable driver. Specify Lumens or Watts. Consult factory.



## OPTIONS

LENS	CP = Clear Prismatic Standard		OP = Opal Optional		
COLORS	BLK = Black	WHT = White	BRZ = Bronze	GRY = Gray	CUST = Custom Color (Consult Factory)
PRD	Programmable driver. When ordering, must specify Watts or Lumens. Consult factory for availability.				
DIM	0-10V dimming driver. 10% at lowest level.				
PC	Photoelectric switch.				
GLR	Fuse and fuse holder.				
JB	Injection molded joiner band for continuous row mount.				
DAMP	Closed cell neoprene gasketing as required for UL damp location listing.				
OCC	Microwave occupancy sensor mounted behind the lens. Consult factory for availability in select models.				
OCC50	Microwave occupancy sensor mounted behind the lens. 50% of LED's constantly on and 50% sensed. 2' and 4' fixtures only. Consult factory for availability in select models.				
OCCFA	Microwave occupancy sensor mounted behind the lens. All LED boards 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.				
OCCBT	Bluetooth connected microwave occupancy sensor mounted behind the lens. All LED board sensed to dim to 50%, 30%, 20%, or 10%, field selectable low levels. Consult factory for availability in select models.				
AL	Aluminum housing.				
16 GA	16 gauge cold rolled steel housing.				
COR	Corner mounted back box. Constructed from 16 gauge cold rolled zinc coated steel. Finished with white polyester powder coat.				
EMB310	1200 lumen self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Not available in 347V. Not available with 160W. Meets CA Title 20 Standards.				
EMB722	2600 lumen self contained 90 minute emergency battery pack for 25W minimum operation. 0°C (32°F) to 60°C (140°F). Not available in 347V. Not available with 160W.				
EMB20R	Remote mounted micro inverter that will operate a 20W maximum load for 90 minutes. 0°C (32°F) to 50°C (122°F). Not available in 347V.				
EMB125R	Stand-alone inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB250R	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB375R	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
ST/SC	Phillips head screws instead of TORX® head.				

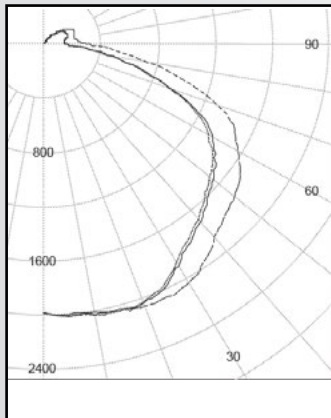


## PHOTOMETRIC DATA

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	
CLF111	20W	20.0W	1733	1606	1751	1622	1787	1657	1844	1709	1899	1759
CLF111	25W	27.0W	2283	2115	2307	2137	2355	2183	2429	2251	2501	2318
CLF111	40W	41.0W	3465	3212	3502	3246	3576	3316	3687	3418	3797	3520
CLF112	40W	41.0W	3465	3212	3502	3246	3576	3316	3687	3418	3797	3520
CLF112	50W	57.5W	5235	4852	5291	4904	5402	5007	5570	5162	5736	5317
CLF112	80W	86.3W	7858	7285	7941	7362	8109	7517	8360	7750	8611	7982
CLF114	50W	57.5W	5235	4852	5291	4904	5402	5007	5570	5162	5736	5317
CLF114	80W	86.3W	7858	7285	7941	7362	8109	7517	8360	7750	8611	7982
CLF114	100W	115.0W	10471	9707	10583	9810	10805	10017	11140	10327	11474	10636
CLF114	160W	172.6W	15722	15038	15889	14729	16224	15039	16726	15504	17227	15969
CLF11x	PRD		Programmable Driver. Specify Wattage or Lumens in Ordering Information									

### MODEL CLF114-160W-4000K-CP

Delivered Lumens: 1,5487 Lumens



### IES FILE: CLF114-160W-4000K-CP

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

