



Vertex 7

Vandal Resistant

CLF 7 Series LED

Fixture Type

Date

Job Name

Approved By

Catalog Number

SPECIFICATIONS

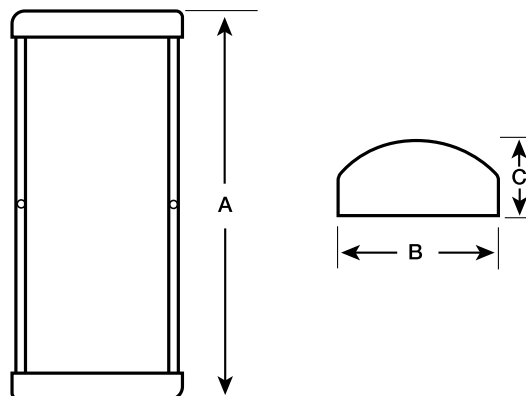
ADA Compliant



Description	The Vertex 7 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 7 series is also available with energy saving occupancy sensors and can be continuous row mounted as needed.
Housing	Die formed 18 gauge cold rolled zinc coated steel. Finished with electrostatically applied polyester powder coat.
Lens	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.
End Caps	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.
Driver	Constant current driver at 700mA, 120-277V, 347V optional.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K or 5000K and 82 CRI wired in parallel-series. L ₇₀ 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.
Listings	U.L., C.U.L., Damp optional. Product listed on the DesignLights Consortium Qualified Products List. Please check the DLC Qualified Products List at www.designlights.org/QPL for listed configuration details.
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

DIMENSIONAL DATA

	A	B	C
CLF71	16.11	7.35	3.16
CLF72	25.38	7.35	3.16
CLF73	35.73	7.35	3.16
CLF74	47.58	7.35	3.16



ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
CLF71	5W	2700K	120-277	CC	CP	BLK	DIM	16 GA	
	15W	3000K	347	DIM	OP	WHT	PC	AL	
CLF72	15W	3500K		PRD		BRZ	GLR	COR	
	25W	4000K				GRY	2B	EMB310	
CLF73	20W	5000K				CUST	JB	EMB722	
	40W						DAMP	EMB20R	
CLF74	25W						OCC	EMB125R	
	50W						OCC50	EMB250R	
							OCCFA	EMB375R	
							OCCBT	ST/SC	
	PRD: Specify Watts or Lumens								

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.				
2B	(2) LED drivers for independent LED board operation. N/A with CLF 71.				
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 ft. and 4 ft. fixtures only.				
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.				
16GA	16 gauge housing.				
AL	Aluminum housing.				
COR	Corner mounted back box. Constructed from 16 gauge cold rolled zinc coated steel. Finished with white 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. 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.				
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.				

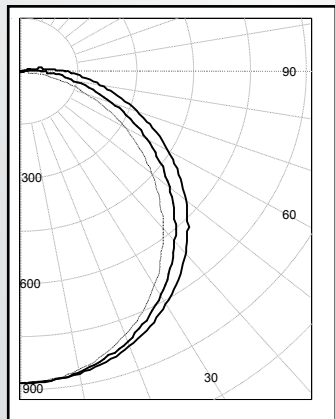


PHOTOMETRIC DATA

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	
CLF71	5W	6.75W	722	670	730	677	745	691	769	713	792	733
CLF71	15W	13.5W	1445	1340	1461	1355	1491	1383	1538	1426	1583	1468
CLF72	15W	13.5W	1445	1340	1461	1355	1491	1383	1538	1426	1583	1468
CLF72	25W	26.6W	2879	2668	2912	2698	2971	2754	3063	2839	3155	2924
CLF73	20W	20.0W	1983	1837	2005	1858	2046	1896	2110	1955	2173	2013
CLF73	40W	42.9W	3765	3489	3842	3561	4408	4086	4545	4213	4681	4339
CLF74	25W	26.9W	2879	2668	2912	2698	2971	2754	3063	2839	3155	2924
CLF74	50W	54.0W	5519	5116	5581	5173	5695	5279	5872	5443	6048	5606
CLFxx	PRD		Programmable Driver. Must Specify Wattage or Lumens in Ordering Information									

MODEL CLF72-25W-4000K-OP

Delivered Lumens: 2,629 Lumens



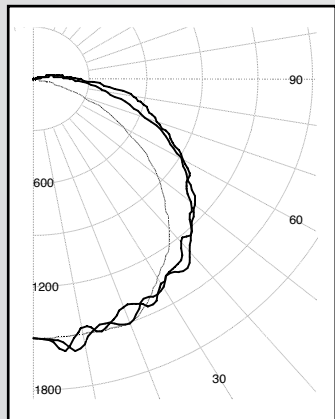
IES FILE: CLF72-25W-4000K-OP

Total Power: 29.8W

Zone	Lumens	% Lamps
0 - 30	677	25.7
0 - 40	1102	41.9
0 - 60	1934	73.6
60 - 90	621	23.6
0 - 90	2555	97.2
90 - 180	75	2.8
0 - 180	2629	100.0

MODEL CLF74-50W-4000K-CP

Delivered Lumens: 5,437 Lumens



IES FILE: CLF74-50W-4000K-CP

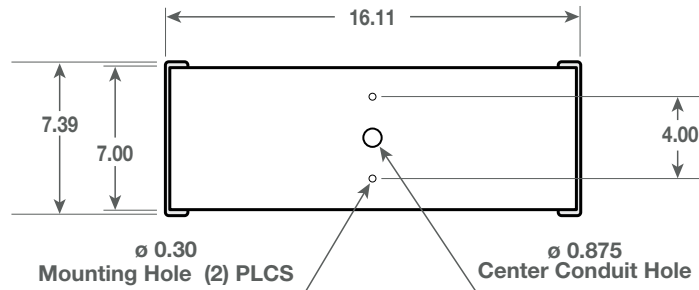
Total Power: 55.3W

Zone	Lumens	% Lamps
0 - 30	1229	22.6
0 - 40	2056	37.8
0 - 60	3785	69.6
60 - 90	5217	26.3
0 - 90	3161	96.0
90 - 180	220	4.0
0 - 180	5437	100.0

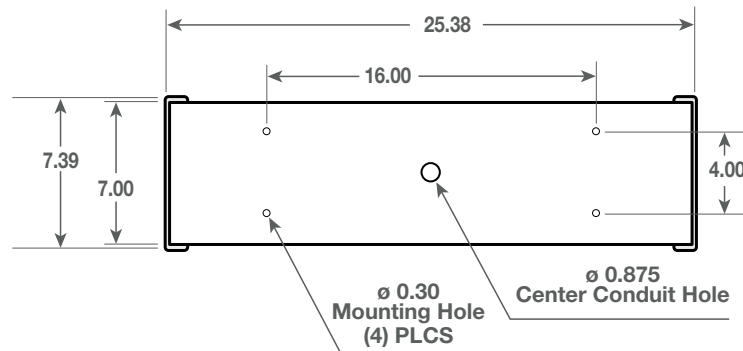
Testing was performed in accordance with IES LM-79-08

MOUNTING PLATE DETAILS

CLF 71



CLF 72



CLF 74

