



VISION 12

Vandal Resistant

VPF 12 Series LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

ADA Compliant

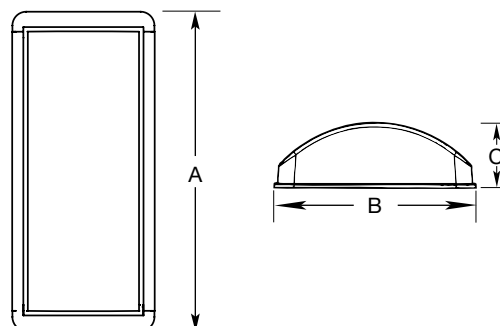


SPECIFICATIONS

Description	The Vision 12 series features an all aluminum, ligature resistant construction and optional wet location listing which allows it to be used in nearly any environmental condition. Designed in conjunction with an ophthalmologist, the polycarbonate lens provides complete control of glare and LED image while maintaining the high efficiency of clear optical material. The Vision 12 series can be row mounted to any length. Natatorium finish is standard for all versions of this fixture.
Housing	Marine grade heat treated extruded aluminum. Chemically primed and finished with robotically applied polyester powder coat.
Lens	Extruded UV stabilized opal polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.
End Caps	Die-cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.
Drivers	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. Ten year warranty on LED boards against operational defects. Tested in accordance with LM-80.
Listings	U.L., C.U.L., Damp Standard, Wet optional.
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
VPF122	27.62	12.40	3.97
VPF123	37.72	12.40	3.97
VPF124	49.72	12.40	3.97



ORDERING INFORMATION

SERIES	LED	CCT	DRIVER	VOLTS	LENS	COLOR	OPTIONS		TX/SD
VPF122	40W	2700K	CC	120-277	CP	BLK	DIM	OCCBT	
	50W	3000K	DIM	347	OP	WHT	PC	DRPCP	
	80W	3500K	PRD			BRZ	GLR	PNDKT	
VPF123	60W	4000K				GRY	WET	EMB310	
	80W	5000K				SIL	NSF	EMB310ST	
	125W					CUST	COR	EMB722	
VPF124	50W						JB	EMB722C	
	80W						LEDNL	EMB125R	
	100W						OCC	EMB250R	
	160W						OCC50	EMB375R	
							OCCFA	ST/SC	
	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	SIL= Silver	CUST = Custom Color (Consult Factory)
DIM	0-10V dimming driver. 10% at lowest level.					
PC	Photoelectric switch.					
GLR	Fuse and fuse holder.					
WET	Silicone and neoprene gasketing for wet location. Surface mount only.					
NSF	National Sanitation Foundation rated. White finish only.					
COR	Corner mounted back box. Constructed from 16 gauge cold rolled zinc coated steel. Finished with white powder coat. Damp only.					
JB	Die cast joiner band for continuous row mount. Consult factory for row information.					
LEDNL	LED Night Light.					
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.					
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.					
DRPCP	Aluminum drip cap finished with white polyester powder coat to provide wet location listing when pendant mounted.					
PNDKT	Rigid stem pendant kit. Specify length. Consult factory for availability.					
EMB310	1200 lumen self-contained 90 minute emergency battery pack for 15W minimum operation. 0°C (32°F) to 55°C (131°F). Not available in 347V. Not available with 160W. Meets CA Title 20 Standards.					
EMB310ST	1000 lumen self-testing, self-contained, 90 minute emergency battery pack. Not available for 24". 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.					
EMB722C	Cold weather, 2600 lumen self contained 90 minute emergency battery pack for 25W minimum operation. -20°C (-4°F) to 60°C (140°F). Not available in 347V. Not available with 160W.					
EMB125R	Remote mounted inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F). Not available in 347V.					
EMB250R	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C(68°F) to 30°C (86°F). Not available in 347V.					
EMB375R	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C(68°F) to 30°C (86°F). Not available in 347V.					
ST/SC	Slotted screws instead of TORX® head.					
TX/SD	TORX® head bit.					



PHOTOMETRIC DATA

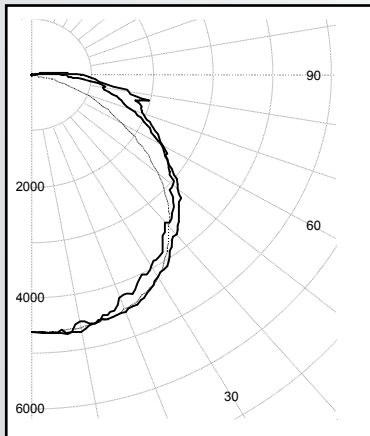
Model	Watts	Input Watts	Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
VPF122	40W	41.0W	3999	3707	3835	3554	3913	3627	4255	3944	4382	4061
VPF122	50W	54.7W	5335	4945	5117	4743	5221	4840	5676	5261	5846	5419
VPF122	80W	82.0W	7999	7414	7672	7110	7828	7256	8510	7888	8765	8124
VPF123	60W	61.5W	5999	5561	5754	5334	5871	5443	6382	5916	6573	6093
VPF123	80W	82.0W	7999	7414	7672	7110	7828	7256	8510	7888	8765	8124
VPF123	125W	123.0W	11999	11123	11508	10668	11743	10886	12765	11833	13147	12187
VPF124	50W	54.7W	5335	4945	5117	4743	5221	4840	5676	5261	5846	5419
VPF124	80W	82.0W	7999	7414	7672	7110	7828	7256	8510	7888	8765	8124
VPF124	100W	109.0W	10632	9856	10198	9453	10406	9646	11311	10485	11651	10800
VPF124	160W	164.0W	15997	9856	15343	14222	15656	14513	17018	15775	17528	16428
VPF12x	PRD		Programmable Driver. Specify Wattage or Delivered Lumens in Ordering Information.									

MODEL VPF124-160W-4000K CP

Delivered Lumens: 15,758 Lumens

Total Power: 164.0W

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



Zone	Lumens	% Lamps
0 - 30	3725	23.6
0 - 40	6163	39.1
0 - 60	11126	70.6
60 - 90	4141	26.3
0 - 90	15267	93.9
90 - 180	491	3.1
0 - 180	15758	100.0

MOUNTING PLATE DETAILS

