



VISION 8

Vandal Resistant

VPF 8 Series LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

SPECIFICATIONS

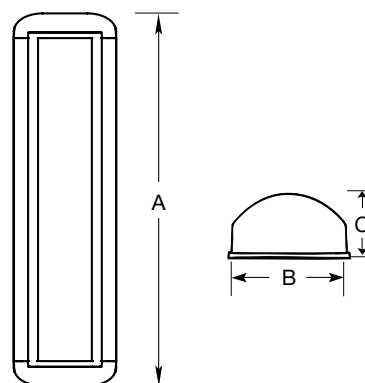
ADA Compliant



- Description** The Vision 8 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 8 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. L₇₀ 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
VPF82	27.64	8.75	3.96
VPF83	37.87	8.75	3.96
VPF84	49.68	8.75	3.96



ORDERING INFORMATION

SERIES	LED	CCT	DRIVER	VOLTS	LENS	COLOR	OPTIONS		TX/SD
									TX/SD
VPF 82	15W	2700K	CC	120-277	CP	BLK	DIM	OCCBT	
	25W	3000K	DIM	347	OP	WHT	PC	EMB310	
	50W	3500K	PRD			BRZ	GLR	EMB310ST	
VPF 83	20W	4000K				GRY	WET	EMB722	
	40W	5000K				SIL	NSF	EMB722C	
VPF 84	25W					CUST	COR	EMB125R	
	50W						JB	EMB250R	
	70W						LEDNL	EMB375R	
	100W						2B	PNDKT	
							OCC	DRPCP	
							OCC50	ST/SC	
							OCCFA		
	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 on independent circuit.	
2B	(2) LED drivers for independent LED board operation.	
OCC	Microwave occupancy sensor mounted behind the lens. All LED boards sensed on/off. 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 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.	
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.	
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. 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. 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.	
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.	
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.	
PNDKT	Rigid stem pendant kit. Specify length. Consult factory for availability.	
DRPCP	Aluminum drip cap finished with white polyester powder coat to provide wet location listing when pendant mounted.	
ST/SC	Phillips head 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	
VPF82	15W	13.0W	1325	1227	1339	1240	1367	1266	1410	1306	1452	1345
VPF82	25W	26.6W	2879	2668	2910	2697	2971	2754	3063	2839	3155	2924
VPF82	50W	56.0W	5059	4689	5115	4742	5220	4839	5382	4989	5543	5138
VPF83	20W	19.5W	1988	1842	2010	1864	2052	1901	2115	1960	2178	2018
VPF83	40W	38.9W	3967	3677	4012	3718	4094	3795	4221	3912	4348	4030
VPF84	25W	26.6W	2879	2668	2910	2697	2971	2754	3063	2839	3155	2924
VPF84	50W	53.3W	5560	5154	5621	5211	5736	5317	5915	5483	6092	5647
VPF84	70W	74.0W	7783	7214	7869	7295	8030	7444	8280	7675	8528	7905
VPF84	100W	114.6W	10357	9601	10473	9709	10687	9906	11019	10214	11349	10520
VPF8x	PRD		Programmable Driver. Specify Wattage or Delivered Lumens in Ordering Information.									



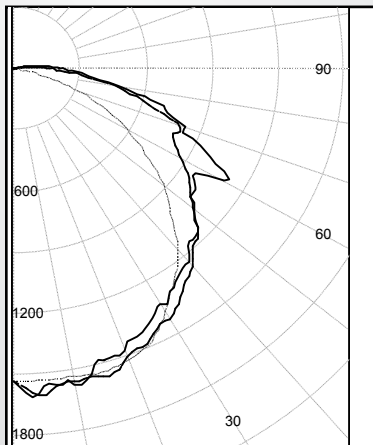
PHOTOMETRIC DATA

MODEL VPF84-50W-4000K CP

Delivered Lumens: 5,477 Lumens

Total Power: 54.0W

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



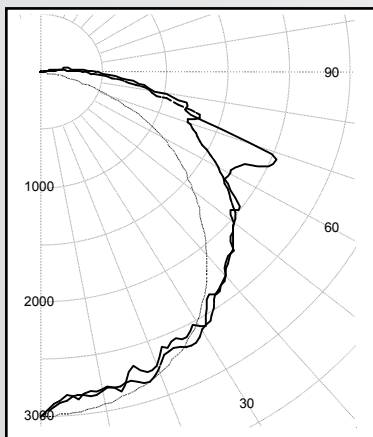
Zone	Lumens	% Lamps
0 - 30	1256	22.9
0 - 40	2072	37.8
0 - 60	3781	69.0
60 - 90	1557	28.4
0 - 90	5339	97.5
90 - 180	138	2.5
0 - 180	5477	100.0

MODEL VPF84-100W-4000K CP

Delivered Lumens: 10,203 Lumens

Total Power: 114.6W

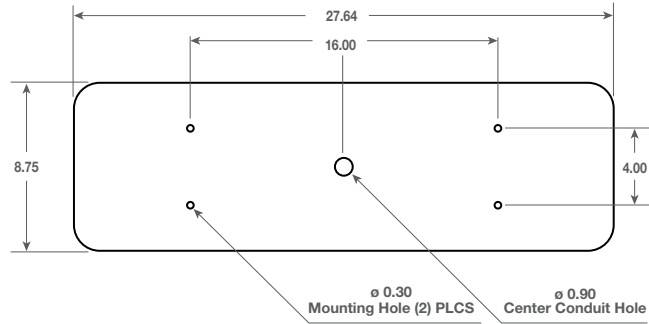
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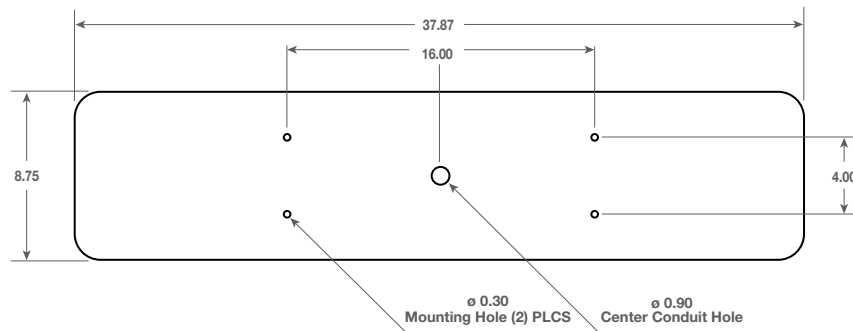
Zone	Lumens	% Lamps
0 - 30	2290	22.4
0 - 40	3796	37.2
0 - 60	6958	68.2
60 - 90	2963	29.0
0 - 90	9922	97.2
90 - 180	281	2.8
0 - 180	10203	100.0

MOUNTING PLATE DETAILS

VPF82



VPF83



VPF84

