

VISION VPF4

Vandal Resistant

VPF4 Series LED



WALL / CEILING/
PENDANT MOUNT
LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

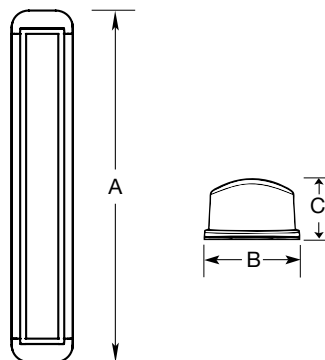
SPECIFICATIONS



- Description** The Vision VPF4 series features an all aluminum, ligature resistant construction 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 VPF4 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 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** Dimming to 1%, 10% or Programable Lumen Output driver options. Non-Dimming Driver is also available.
- 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.
- UL Listing** U.L., C.U.L.
- Buy American** Luminaire LED, LLC products are manufactured in the USA with components purchased from USA suppliers, and meets the Buy American requirements. Content of specification sheets is subject to change; please consult our website for current product information.
- Warranty** **Lifetime** warranty against vandalism. Luminaire LED 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.

DIMENSIONAL DATA

	A	B	C
VPF4 1FT	15.50	4.35	2.70
VPF4 2FT	26.10	4.35	2.70
VPF4 3FT	37.88	4.35	2.70
VPF4 4FT	49.69	4.35	2.70



ORDERING INFORMATION

Example: VPF4 4FT MIN1 40W 27K 120 CLP WHT

Series*	Size (Nominal)* ¹	Drivers*	Wattage (Nominal) ¹	Lumens (For PRD Only)	CCT*
VPF4 Vandal Resistant 4" Wide Wraparound Luminaire	1FT	MIN1 ² Dimming to 1%	5W 20W 40W	500LM - 5800LM - Lumens available in 100LM increments <i>Lumens required if PRD driver chosen</i>	27K 2700K
	2FT	MIN10 ^{2,3} Dimming to 10%	10W 25W 50W		30K 3000K
	3FT	NODIM Non-Dimming Driver	15W 30W		35K 3500K
	4FT	PRD ⁴ Driver Programmed to Specific Lumen Output <i>PRD not available with Wattage</i>	<i>Required for all drivers except PRD driver</i>		40K 4000K 50K 5000K

Voltage*	Lens*	Finish*
120 120 Volt	CLP Clear Prismatic	BLK Black
277 277 Volt	OP Opal	WHT White
MVOLT 120-277 Volt		BRZ Bronze
347 347 Volt		GRY Gray
		SIL Silver
		CUST Custom Color, Consult Factory

*Required

OPTIONS

Emergency ³	
EMB310 ⁵ Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). 1200 lumens	EMB20R ^{6,7} Remote mounted micro inverter that will operate a 25W maximum load for 90 min. 0°C (32°F) to 45°C (113°F).
EMB310ST ⁵ Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards. 1000 lumens	EMB125R ⁶ Remote inverter that will operate a maximum 125W load for 90 min. 20°C (68°F) to 30°C (86°F).
EMB10ST ⁴ Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards. 1000 lumens	EMB250R ⁶ Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).
EMB310T20 ⁵ Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 1200 lumens	EMB375R ⁶ Remote inverter that will operate a 375W maximum load for 90 min. 20°C (68°F) to 30°C (86°F).

Pendant Type/Length	Back Box	Fusing	Photocell	Sensors
Rigid Stems RG_ ^{8,9} (12" - 96") <i>Order in 12" increments up to 96".</i>	COR Corner mounted back box	GLR ¹⁰ Fuse and Fuse Holder	PC ¹⁰ Photoelectric Switch	OCCBT ^{4,11} 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.

Mounting Hardware	Hardware
DRPCP ^{8,9} Aluminum drip cap finished with white polyester powder coat to be used when pendant mounted	PHSC Phillips Head instead of TORX [®] head

Ordering Notes

- See Size and Wattage Chart
- Not available with 5W or 10W
- Not available with 347V
- Not available with 1FT
- Not available with 1FT or 2FT
- Not available with MVOLT
- Not available with Lumens over 1900 LM
- Not available with COR
- DRPCP is required with Rigid Stems(RG_)
- Not available with MVOLT or 347
- Not available with any Emergency Battery Pack

Accessories: Order as separate catalog number.

TXSD TORX[®] Screwdriver Bit

Initial shipment includes one (1) TXSD per fixture

SIZE & WATTAGE CHART

Size	Wattage
1FT	5W 10W
2FT	15W 20W
3FT	20W 30W
4FT	25W 40W 50W

SIZE & LUMEN CHART (FOR PRD)

Size	Lumen Range
1FT	200LM - 1000LM
2FT	400LM - 2400LM
3FT	800LM - 3200LM
4FT	1000LM - 5800LM

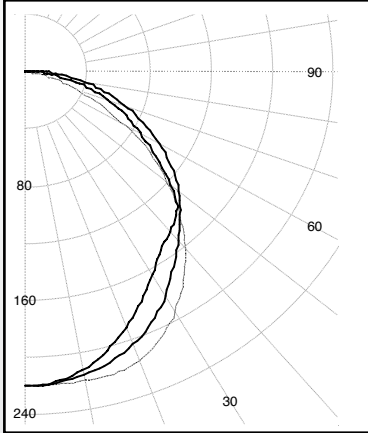
PHOTOMETRIC DATA

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	
VPF4 1FT	5W	7.5W	628	581	635	586	648	599	669	619	688	637
VPF4 1FT	10W	10.4W	898	814	907	841	927	859	956	866	984	912
VPF4 2FT	15W	14.0W	1193	1106	1206	1118	1231	1142	1270	1177	1308	1212
VPF4 2FT	20W	21.0W	2166	2007	2189	2029	2235	2071	2305	2136	2374	2200
VPF4 3FT	20W	20.2W	2111	1966	2134	1987	2178	2028	2246	2092	2313	2155
VPF4 3FT	30W	31.1W	2965	2748	2998	2778	3060	2835	3155	2924	3249	3011
VPF4 4FT	25W	26.9W	2814	2608	2845	2636	2903	2690	2994	2775	3083	2858
VPF4 4FT	40W	42.2W	4332	4015	4380	4061	4470	4144	4609	4272	4748	4400
VPF4 4FT	50W	54.6W	4947	4584	5320	4929	5428	5030	5598	5189	5765	5344
VPF4 xFT	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information, see Chart above.									

PHOTOMETRIC DATA

MODEL VPF4 1FT 5W 40K CLP

Delivered Lumens: 619 Lumens



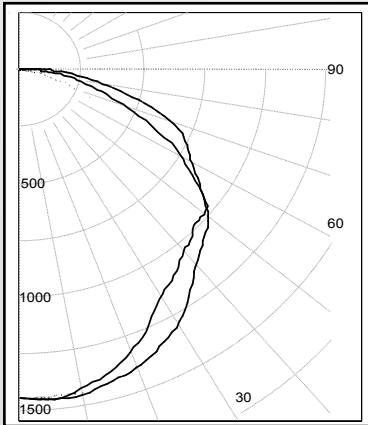
Total Power: 7.5W

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

Zone	Lumens	% Lamps
0 - 30	169	27.3
0 - 40	273	44.1
0 - 60	479	77.3
60 - 90	136	21.9
0 - 90	615	99.3
90 -180	5	0.7
0 - 180	619	100.0

MODEL VPF4 4FT 40W 40K CLP

Delivered Lumens: 4,268 Lumens



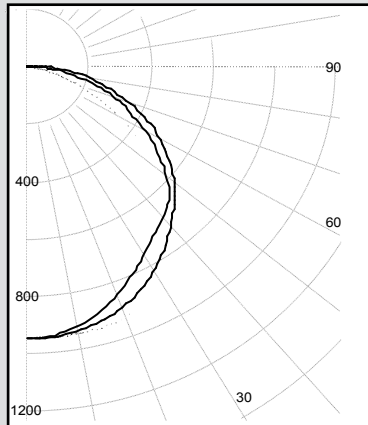
Total Power: 42.2W

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

Zone	Lumens	% Lamps
0 - 30	1127	26.4
0 - 40	1828	42.8
0 - 60	3258	76.3
60 - 90	980	23.0
0 - 90	4238	99.3
90 -180	31	0.7
0 - 180	4268	100.0

MODEL VPF4 4FT 25W 40K CLP

Delivered Lumens: 2,772 Lumens



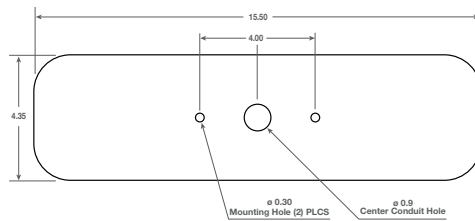
Total Power: 26.9W

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

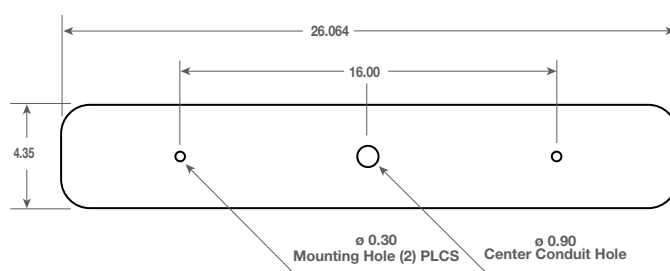
Zone	Lumens	% Lamps
0 - 30	733	26.4
0 - 40	1194	43.1
0 - 60	2116	76.3
60 - 90	633	22.8
0 - 90	2749	99.2
90 -180	24	0.8
0 - 180	2772	100.0

MOUNTING PLATE DETAILS

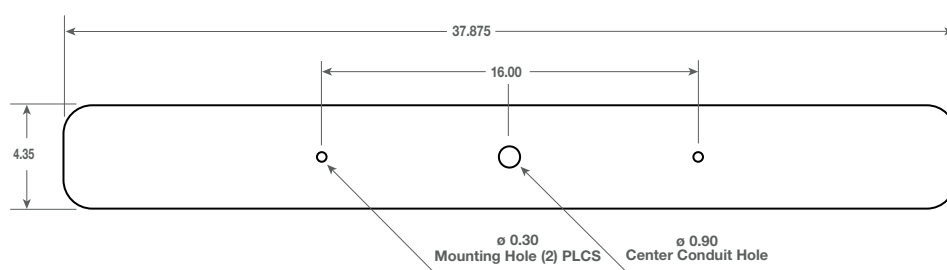
VPF4 1FT



VPF4 2FT



VPF4 3FT



VPF4 4FT

