

Advantus™

Aimable 360°

Lens included for ease of maintenance and preservation of optical integrity



University of Tennessee, Neyland Stadium
Knoxville, Tennessee
Lighting Designer: Benya Lighting Design
Architect: McCarty Holsapple McCarty, Inc
Photo by: Patrick Murph Racey

Features

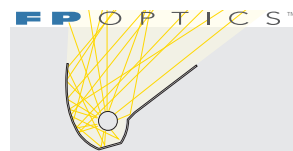
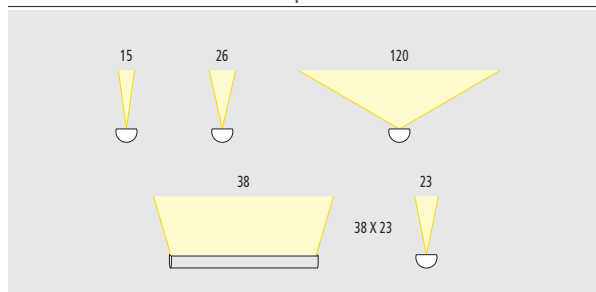
- 5 year product warranty
- Extruded aluminum housing with die-cast end caps and mounting hardware
- Oven cured no VOC acrylic powder coat
- Easy mounting with secure aiming lock
- Stem mounting
- Standard nominal lengths from 24" to 60"
- Option for continuous row mounting
- Easy relamping
- Fluorescent or low energy, long life LED source
- Source specific optical systems
- FP Optics™ — Maximizes fluorescent efficiency with high performance computer optimized reflector system using Miro Silver and Miro 9 finish
- Clear acrylic lens
- PSX models – use with PS24 Series of 24VDC Class II remote power supplies. Each PS24 can power multiple fixtures (see total wattage table) and is available with 0-10V analog dimming. System costs are reduced by distributing the PS24 over multiple fixtures. Low-voltage Class II wiring between the PS24 and connected fixtures simplifies installation. The PS24 is not included with fixtures; order separately - see Accessories section.
- High power factor electronic ballast, 0° F / -18° C starting temperature (fluorescent)
- High power factor integral ballast (fluorescent)
- ETL listed to UL standards (US and Canada) for wet locations

LED Features

- White source (3000K, 3500K)
- PSX models are dimmable with PS-24VDC90W02 power supply
- Modular design allowing replacement of the LED source and power supply
- Constant current LED driver technology to protect LEDs from experiencing "over current" conditions that can cause overheating and premature failure
- Thermally managed within manufacturer specifications to promote long LED life
- No ultraviolet or infrared, alleviating potential damage to art, fabric and materials
- Mercury free LED source reduces impact to waste stream



LED Source Optical Distribution



Order Code Example

OV1100-24PSX	FS14(MVOLT)	SWF(8)	TW9016	REM	
Model Number - Length	Source	Optical Distribution	Mounting Options	Finish	Options
3.5" housing diameter	Nominal Source Lumens				
					Dimensions
OV1100-24	1FS14				SC 25-1/4" (641 mm)
OV1110-24 (Cutoff Visor)	1FS24				L 26-1/2" (673 mm)
OV1100-24PSX	• LCW1700 • LCW3400	15			
OV1110-24PSX (Cutoff Visor)	• LNW1700 • LNW3400	26			
	• LWW1700 • LWW3400	38 X 23			
		120			
OV1100-36	1FS21				SC 37-1/4" (946 mm)
OV1110-36 (Cutoff Visor)	1FS39				L 38-1/2" (978 mm)
OV1100-36PSX	• LCW2500 • LCW5100	15			
OV1110-36PSX (Cutoff Visor)	• LNW2500 • LNW5100	26			
	• LWW2500 • LWW5100	38 X 23			
		120			
OV1100-48	1FS28		SWF(SL)	(Painted)	SC 49" (1245 mm)
OV1110-48 (Cutoff Visor)	1FS54		SCF(SL)		L 50-1/4" (1276 mm)
OV1100-48PSX	• LCW3400 • LCW6900	15			
OV1110-48PSX (Cutoff Visor)	• LNW3400 • LNW6900	26			
	• LWW3400 • LWW6900	38 X 23			
		120			
OV1100-60	1FS35				SC 60-3/4" (1543 mm)
OV1110-60 (Cutoff Visor)	1FS80				L 62" (1575 mm)
OV1100-60PSX	• LCW4300 • LCW8600	15			
OV1110-60PSX (Cutoff Visor)	• LNW4300 • LNW8600	26			
	• LWW4300 • LWW8600	38 X 23			
		120			

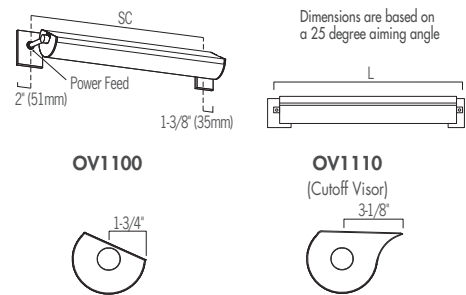
Accessories - Order Separately (see Technical Reference Section for additional details)

Power Supply for PSX models (order separately)		Input Voltage	Options	Maximum PSX Units per Power Supply	
PS-24VDC90W01	24VDC 90 watt power supply; no dimming, 75' maximum remote distance using 16 AWG wire	Specify 120V or 277V	XPS	Lumens	Nominal Source / Fixture Wattage
PS-24VDC90W02	24VDC 90 watt power supply, 0-10V dimmable, 20' maximum remote distance			1700	22 / 26
				2500	33 / 39
				3400	43 / 51
				4300	55 / 65
				5100	65 / 77
				6900	87 / 102
				8600	110 / 130
					2 Power Supplies Required

Line Drawings

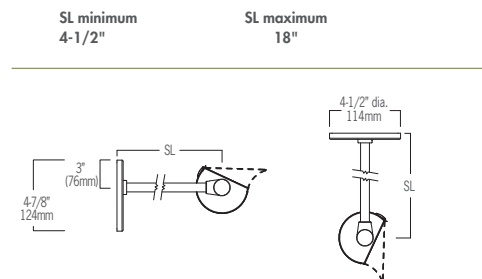
SC is measured from stem center to stem center
 L = Length SC = Stem Center SL = Stem Length

Power feed can be located on either end



STEM LENGTHS

Stem Length (SL) must be specified when ordering.
 Maximum stem lengths are based on Wind Zone A installations.
 Longer lengths or higher wind zones can be accommodated through mounting variations



Abbreviation Key

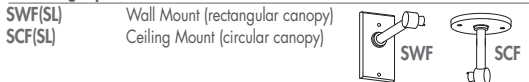
• Indicated Finish or Option is not available with XPS

Source (Voltage)

LED sources are 85CRI typical, within 4-step MacAdam
 Specify Voltage or MVOLT
 MVOLT fixture accepts 120 through 277 input voltage

• LCW	Cool White, 4000K, LED	(24VDC)
• LNW	Neutral White, 3500K, LED	(24VDC)
• LWW	Warm White, 3000K, LED	(24VDC)
FS14	14w T-5, mini bi-pin base, FLR	(MVOLT)
FS21	21w T-5, mini bi-pin base, FLR	(MVOLT)
FS24	24w T-5/HO, mini bi-pin base, FLR	(MVOLT; 347V)
FS28	28w T-5, mini bi-pin base, FLR	(MVOLT)
FS35	35w T-5, mini bi-pin base, FLR	(MVOLT; 347V)
FS39	39w T-5/HO, mini bi-pin base, FLR	(MVOLT; 347V)
FS54	54w T-5/HO, mini bi-pin base, FLR	(MVOLT; 347V)
FS80	80w T-5/HO, mini bi-pin base, FLR	(MVOLT; 347V)

Mounting Options



Finishes (see inside back cover)

(Painted) Color Code Required - see color chart

Options

BAF	Blade baffle (not available with LED)
FUSE	Fluorescent fusing, specify 120V or 277V
REM	Remote emergency battery pack for fluorescent; rated for dry location, 32° F / 0° C minimum, not available with 347V
XPS	Express 10 day shipment (not available for continuous row configuration)

Photometrics and 3D Modeling

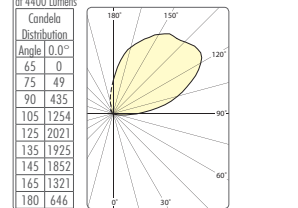
Complete BIM, Sketchup, and Photometric files for these models can be downloaded from www.visalighting.com

IES File Number

OV1100-24-1FS24	54	
OV1100-36-1FS39	65	
OV1100-48-1FS54	67	10448
OV1100-60-1FS80	59	
OV1100-48PSX-LNW4500-26	38	17050
OV1100-48PSX-LNW4500-120	38	17231
OV1110-48PSX-LNW4500-26	38	17050
OV1110-48PSX-LNW4500-120	38	17231

LTL 10448

Source: One 54w High Output T5 Linear Fluorescent rated at 4400 Lumens



LTL 17050

Source: 48 White LEDs with Clear Prismatic Plastic Optics Above Each

