

SATURN

Professional Inground LED Fixture

Concept: Recessed ingrade LED fixture.

Materials: Anodized polished aluminum body.

Trim: Front made entirely of screen-printed, opal white 4mm thick glass.

Optic: High Efficiency LED. Precision optic system with PMMA lenses for the wide flood version.

Mounting: Recessed mounting with installation sleeve (required). Drive over rated to 20kN.

Driver: Remote Class 2, 120V-277VAC power supply required, see page 2 for options.

Installation: Finstallation sleeve with adjustable collar for precision finished floor mounting 2.76"H, Ø2.56". Raised installation mount includes 2.36"H, Ø 2.25" sleeve. Pre-cabled with 2ft direct burial 18-2ga cable for connection to remote power supply.

Wattage: 5W

Color Temperature: 3000°K / 4000°K

CRI: 84 CRI standard, 90 CRI available on request.

Lumens: 3000°K 4000°K

Wide Flood 115° = 48Lm 51Lm

Lumen Maintenance (L70): 50,000hrs

Calculation for LED fixtures are based on measurements that comply with IES LM-80.

Voltage: 24VDC

IP: IP67 rated

Load Rating: Resistant to static loads up to 20KN in flush mounted cement and pavement installations.

Certifications: cULus Class 2 Wet Location Listed

Tested in accordance with LM-79-08

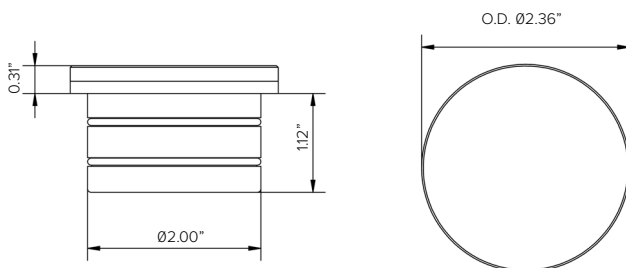
Warranty: 5 year limited warranty

* Up to 1 METER DEPTH of water for up to a maximum of 30 MINUTES



PRODUCT CODE	DRIVER	LENS	WATTAGE	COLOR TEMP	VOLTAGE	+	INSTALLATION
SAT – SATURN	RP – Remote Driver	WF – Wide Flood 115°	L1 – 5W	30 – 3000K 40 – 4000K	24 – 24VDC		Required (See Pg 2)

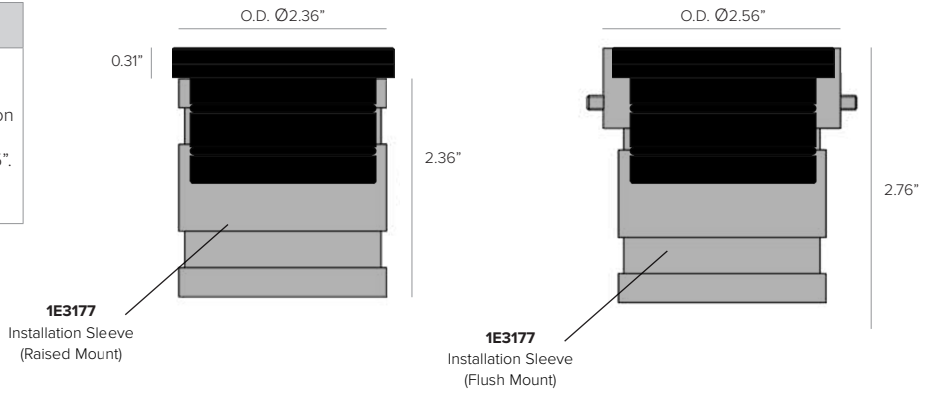
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INSTALLATION (REQUIRED)	
1E3177	Installation sleeve. Flush installation sleeve with adjustable collar for precision finished floor mounting 2.76"H, Ø2.56". Raised installation mount 2.36"H, Ø2.25". (REQUIRED)



Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DEL60PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	60W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
DEL90PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	90W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
DEDDxxx consult factory	ELECTRONIC 0-10V DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	consult factory	120-277V / 24V	0-10V DIMMING 0.1%	N/A	UR CLASS 2	consult factory
DELV40124D	ELECTRONIC LOW VOLTAGE TRANSFORMER	40W	120-277V / 24V	PHASE (120V ONLY) /0-10V DIMMING 10%	IP66 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" ¹
DELV60124D	ELECTRONIC LOW VOLTAGE TRANSFORMER	60W	120-277V / 24V	PHASE (120V ONLY) /0-10V DIMMING 10%	IP66 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" ¹
DELV96124D	ELECTRONIC LOW VOLTAGE TRANSFORMER	96W	120-277V / 24V	PHASE (120V ONLY) /0-10V DIMMING 10%	IP67 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" ¹
DELX601241CPWM	ELECTRONIC PWM DRIVER	60W	120-277V / 24V	0-10V/PWM 10%	IP67 / NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELX901241CPWM	ELECTRONIC PWM DRIVER	90W	120-277V / 24V	0-10V/PWM 10%	IP67 / NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELX1802242CPWM	ELECTRONIC PWM DRIVER	2X90W	120-277V / 24V	0-10V/PWM 10%	IP67 / NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹
DELX2703243CPWM	ELECTRONIC PWM DRIVER	3X90W	120-277V / 24V	0-10V/PWM 10%	IP67 / NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹

¹ Dimensions include enclosure with mounting bracket.

* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

MAX FIXTURES PER DRIVER

		Fixture Wattage						
		3W	4W	5W	6W	9W	10W	14W
Driver Wattage	40W	10	8	6	5	3	3	2
	60W	16	12	9	8	5	4	3
	96W	25	19	15	12	8	7	5
	90W	24	18	14	12	8	7	5
	2X90W	48	36	28	24	16	14	10
	3X90W	72	54	43	36	24	21	15
	100W	26	20	16	12	8	8	5
	2X100	53	40	32	26	17	16	11

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Photometrics

