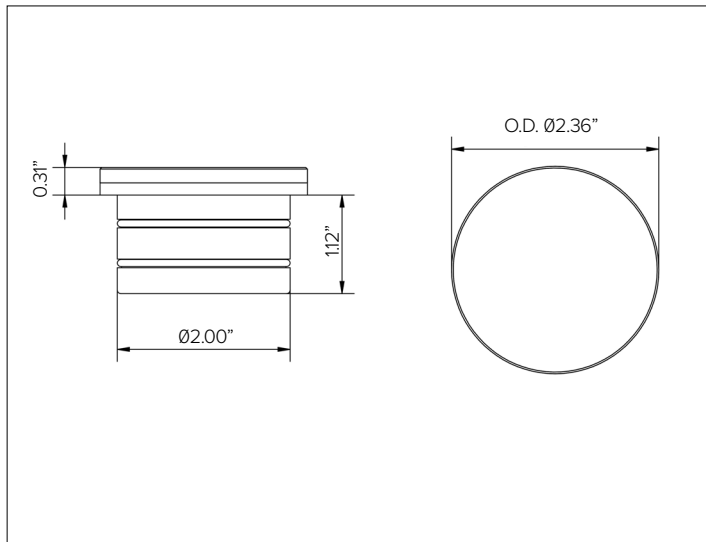


# SATURN RGBW

## Small Direct View Dynamic Color Changing LED Marker Light



### CONCEPT

Small direct view dynamic color changing recessed ingrade / wall marker light.

### FIXTURE MECHANICAL CHARACTERISTICS

<b>Housing</b>	Ø 2.36" Dia.
<b>Materials</b>	Milled anodized aluminum marine grade cataphoresis <sup>A</sup> body. Opal white 0.35" thick acrylic lens.
<b>Power Connection</b>	Pre-cabled with 6" direct burial 20-6 cable for connection to remote DMX interface/power supply.
<b>Mounting</b>	Recessed mounting with installation sleeve (required).
<b>Installation</b>	Flush recessed ingrade / wall mounting installation sleeve with adjustable collar for precision mounting, see available options.
<b>Protection</b>	IP67
<b>Resistance</b>	Walkover rated only.

### CERTIFICATIONS

cULus Class 2 Wet Location Listed.  
 Tested in accordance with LM-79-08.  
 Compliant for California installations.  
 Made in America, BAA, BABA

### WARRANTY

5 year limited warranty.  
<sup>A</sup> Fixture body complete with marine grade suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

### SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

### ELECTRICAL CHARACTERISTICS

<b>Driver</b>	Factory attached end prep, see available options. Remote Class 2 power supply with DMX/RGBW interface required, see available options. DMX 512 protocol, 0% dim range. Refer to Targetti <a href="#">Onsite Services</a> for additional programming and installation support.
<b>Wattage</b>	2.2W
<b>Voltage</b>	24V DC / 4 Chan
<b>Operating Temp.</b>	-25°C / +35°C

### SOURCE

Linear RGB LED. Quad Chip: Red 620nm / Green 525nm / Blue 470nm

TM30	CCT (Nominal)	SDCM
	RGBW 2700K	2

### OPTIC

Direct view opal white lens.



Beam	DV
<b>Delivered Lumens</b>	<b>RGBW</b> 18Lm
<b>Efficacy</b>	8Lm/W max. Refer to photometric graphs for specific values.
<b>Lifetime</b>	L70/B20 >30,000hrs at max TA +40°C
<b>Photobiological Classification</b>	Low risk safety RG1

# SATURN RGBW

SAT							8	9	10	11
1	2	3	4	5	6	7	REQUIRED	OPTIONAL	REQUIRED	OPTIONAL

Ex: SATRPDVL2RGBW24 / DEDDI1001244CDMX / 1US3177S

1 - PRODUCT CODE	3 - DRIVER	4 - LENS	5 - WATTAGE	6 - KELVIN	7 - VOLTAGE
SAT — SATURN	RP — Remote Driver	DV — Direct View	L2 — 2.2W	RGBW — RGBW	24 — 24V DC

8 - DRIVER	9 - CONTROLLER	10 - INSTALLATION	11 - INSTALLATION ACCESSORIES
<a href="#">Power Supply</a> See section for details	<a href="#">Controller</a> See section for details	<a href="#">2" Installation Sleeve</a> See section for details <a href="#">3" Installation Sleeve</a> See section for details <a href="#">6" Installation Sleeve</a> See section for details <a href="#">9" Installation Sleeve</a> See section for details	<a href="#">Sleeve mounting HUB</a> See section for details <a href="#">Installation J-box</a> See section for details

# SATURN RGBW






## 8 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDD1001244CDMX	100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDI2002244CDMX	2X100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEDD100DMX	100W	DMX 4 Chan	0%	IP20	120-277V / 24V	UR Class 2	9.06" x 3.15" x 1.18"	EldoLED LINEARdrive electronic driver. <b>UL Listed enclosure provided by others.</b>

## 9 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
SWITCH20		12	1	3	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.
TGDMXSLESAU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudie Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLESAU11		1024	99	5	Indoor	5VDC 120V AC <i>Plug in power supply included</i>	ETL	6.3" x 3.6" x 1.8"	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICKDE3B		1024	500	10	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICKDE3W		1024	500	10	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

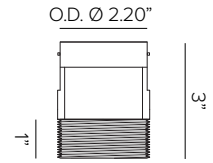
# SATURN RGBW

## 10 – INSTALLATION (REQUIRED)



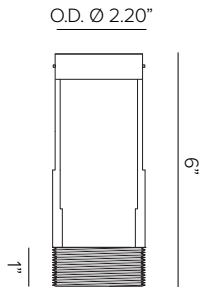
SATURN 2" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting.

Part No. **1US3177S**



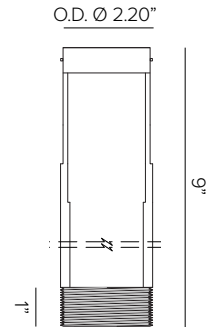
SATURN 3" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. 2" field cut allowance.

Part No. **1US3177M**



SATURN 6" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. Can be used with inground paver installation. 2" field cut allowance.

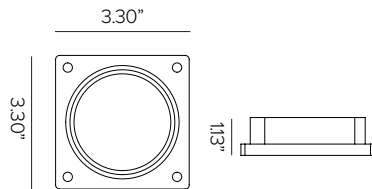
Part No. **1US3177L**



SATURN 9" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. Can be used with inground paver installation. 2" field cut allowance.

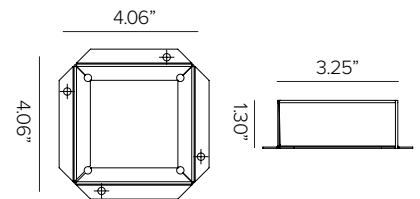
Part No. **1US3177X**

## 11 – INSTALLATION ACCESSORIES (OPTIONAL)



SATURN MINI HUB with 3/4" height adjustability for field leveling mounted on 3-3/4" square j-box cover. Optional for use of sleeve only.

Part No. **1US3177HB**



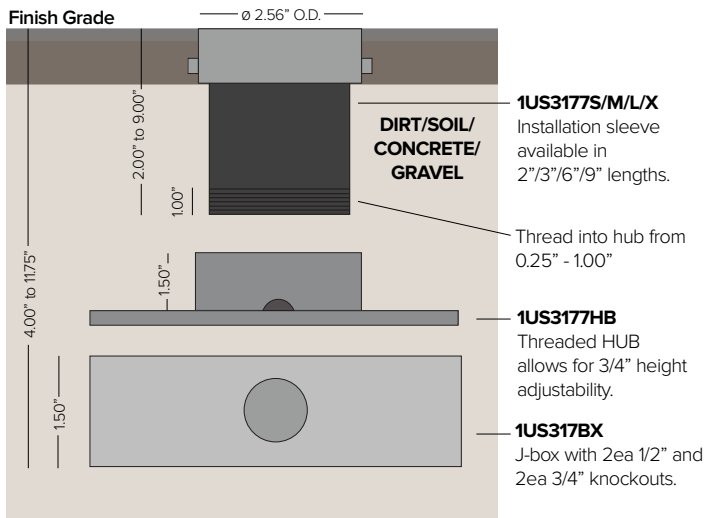
3-1/2" x 3-4/4" installation J-box. Aluminum with 2ea 1/2" and 2ea 3/4" knockouts. Optional for use with HUB only.

Part No. **1US317BX**

# SATURN RGBW

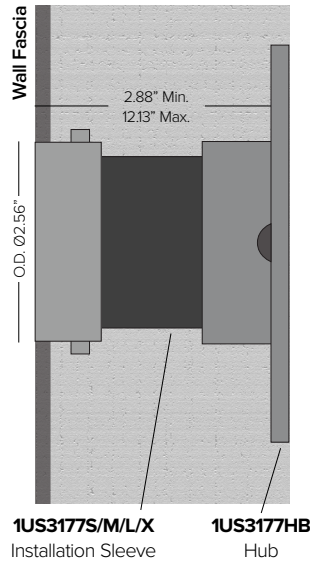
## INSTALLATION DIAGRAMS

### In-Ground Mounting



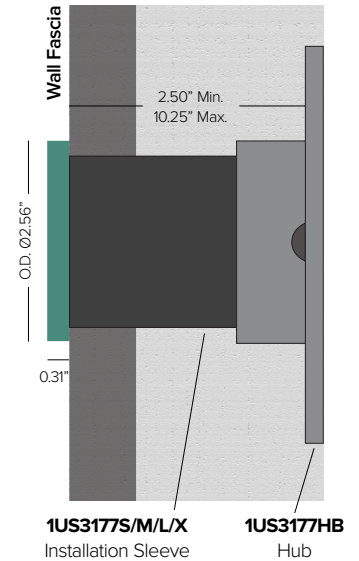
### Flush Wall Mount

Recessed sleeve with collar for flush mounting.



### Surface Wall Mount

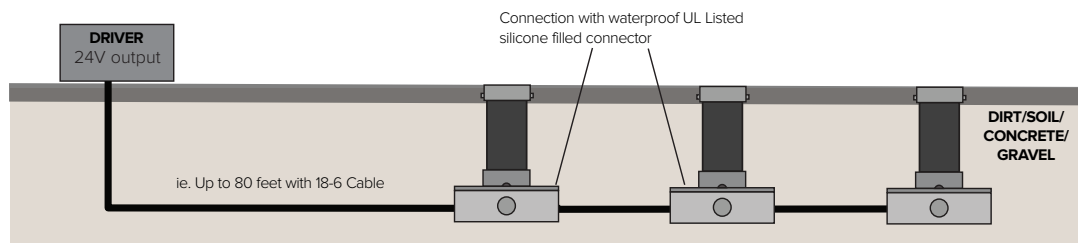
Recessed sleeve without collar for surface mount with outer glow effect.



### Overall Heights

- 2" Installation Sleeve = 4.00" Min to 4.75" Max
- 3" Installation Sleeve = 5.00" Min to 5.75" Max
- 6" Installation Sleeve = 8.00" Min to 8.75" Max
- 9" Installation Sleeve = 11.00" Min to 11.75" Max

## WIRING DIAGRAM



**NOTE:** Low voltage outdoor landscape wiring to be installed by a certified electrician per local building requirements, max 4A 96W circuit.