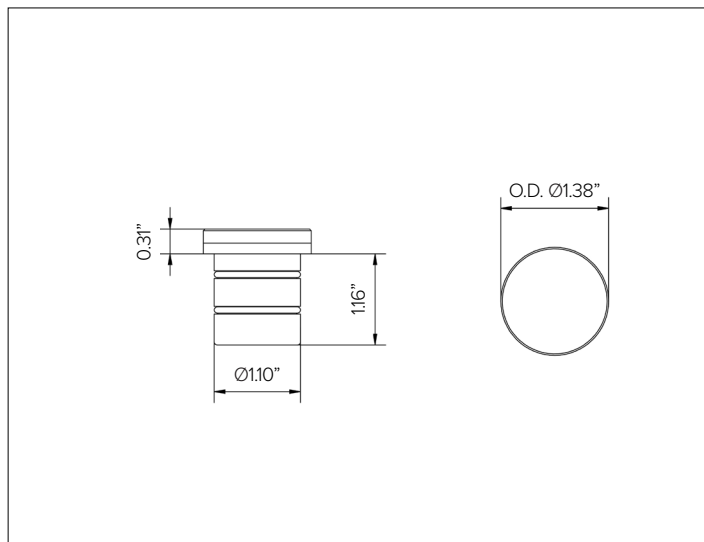


SATURN MINI RGB

Miniature Direct View Dynamic Color Changing Inground LED Marker Light



CONCEPT

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

FIXTURE MECHANICAL CHARACTERISTICS

Housing	Ø 1.38" Dia.
Materials	Milled anodized aluminum marine grade cataphoresis ^A body. Opal white .35" thick polymethyl methacrylate lens.
Power Connection	Pre-cabled with 6" direct burial 20-4 cable for connection to remote DMX interface/power supply.
Mounting	Recessed mounting with installation sleeve (required).
Installation	Flush recessed ingrade / wall mounting installation sleeve with adjustable collar for precision mounting, see available options.
Protection	IP67
Resistance	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.
^AFixture 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

Driver	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 Onsite Services for additional programming and installation support.
Wattage	11W
Voltage	24V DC / 3 Chan
Operating Temp.	-25°C / +35°C

SOURCE

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

TM30	CCT (Nominal)	SDCM
RGB		2

OPTIC

Direct view opal white lens.



Beam	DV
Delivered Lumens	RGB 10Lm
Efficacy	9Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L70/B20 >40,000hrs at max TA +40°C
Photobiological Classification	Low risk safety RG1

SATURN MINI RGB

SPECIFICATION INFORMATION

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

Ex: SAMRPDVL2RGB24 / DEDDX1001243CDMX / 1US3178S

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






8 - DRIVER	9 - CONTROLLER	10 - INSTALLATION	11 - INSTALLATION ACCESSORIES
Power Supply See section for details	Controller See section for details	2" Installation Sleeve See section for details 3" Installation Sleeve See section for details 6" Installation Sleeve See section for details 9" Installation Sleeve See section for details	Sleeve mounting HUB See section for details Installation J-box See section for details

SATURN MINI RGB

8 - POWER SUPPLY (REQUIRED)

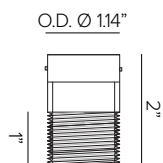
ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDX1001243CDMX	100W	DMX 3 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX2002243CDMX	2X100W	DMX 3 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

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	5	99	Indoor	5VDC 120V AC Plug in power supply included	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	10	500	Indoor	6-7V DC 120V AC Plug in power supply included	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	10	500	Indoor	6-7V DC 120V AC Plug in power supply included	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.

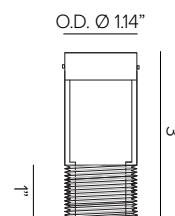
SATURN MINI RGB

10 – INSTALLATION (REQUIRED)



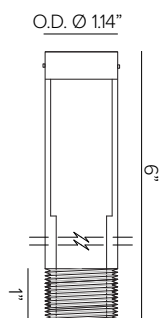
SATURN MINI 2" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting.

Part No. **1US3178S**



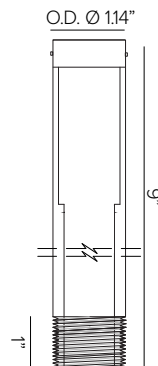
SATURN MINI 3" installation sleeve. Tube with threaded bottom end for height adjustment up to 3/4" for precision mounting. 2" field cut allowance.

Part No. **1US3178M**



SATURN MINI 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.

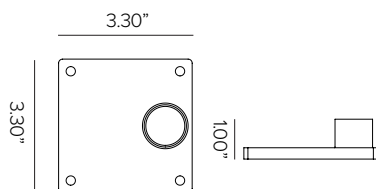
Part No. **1US3178L**



SATURN MINI 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.

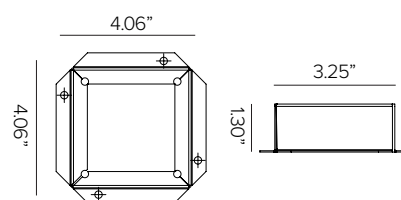
Part No. **1US3178X**

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. **1US3178HB**



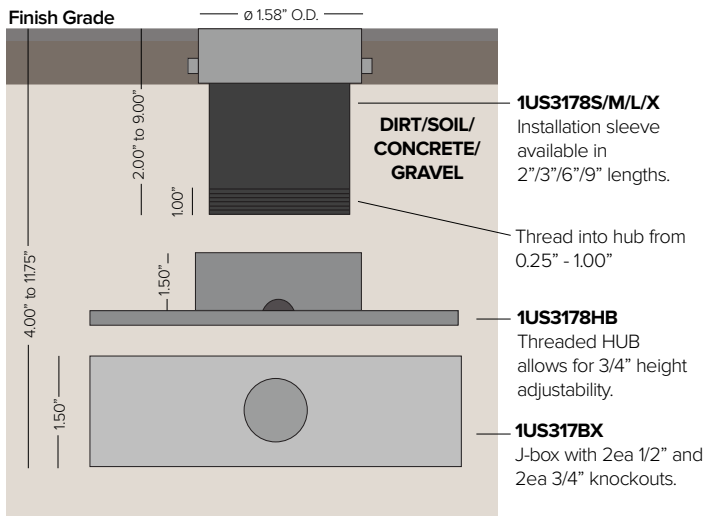
3-1/2" x 3-4/4" installation J-box. Aluminum with 2ea 1/2" and 2ea 3/4" knockouts. Optional for use with HUB only.

Part No. **1US317BX**

SATURN MINI RGB

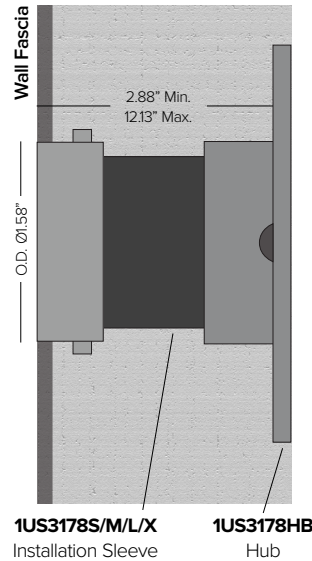
INSTALLATION DIAGRAMS

In-Ground Mounting



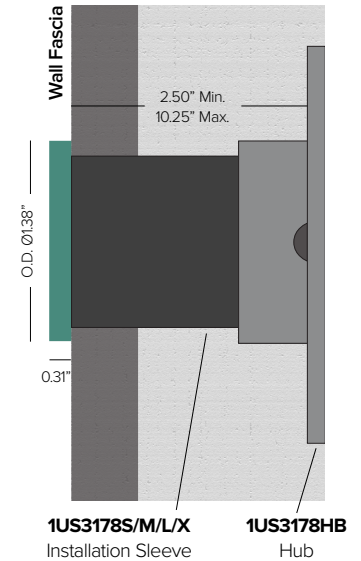
Flush Wall Mount

Recessed sleeve with collar for flush mounting.



Surface Wall Mount

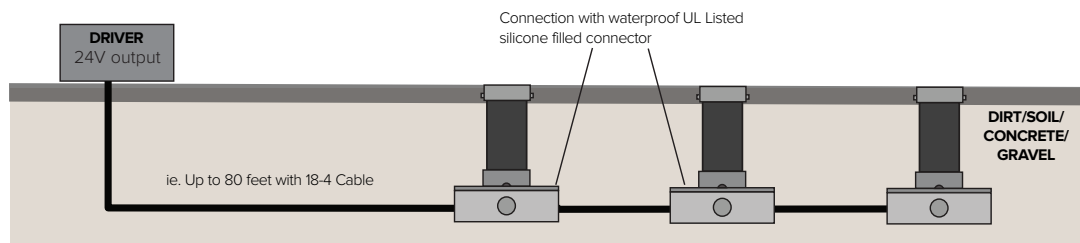
Recessed sleeve without collar for surface mount with outer glow effect.



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.