

S2



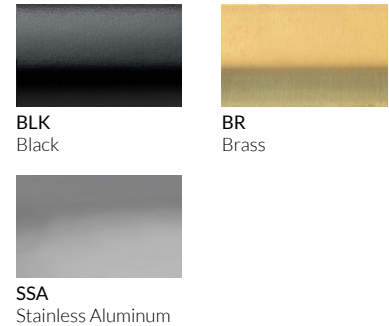
SPECIALTY LIGHTS | Saturn Series | 3.25" Ø × 1.6" H
1 - 6W (100 - 575lm) | 10.5-18 VAC | Integrated LED

FEATURES

- U.S.-made light engine and external driver (3.25" x 5/8"); driver is fully encapsulated in weatherproof PVC housing (See fixture drawing on page 3 for more details).
- CNC-machined, IP67 rated, corrosion-resistant 6061 aluminum or C360 Brass.
- Dimmable configurations available; see Specifications and ordering guide for details. Standard fixtures are non-dimmable.
- Integrated finned body serves as the heat sink, drawing heat away from the LED module and shedding it through a high-surface-area profile for dependable operation.
- Built-in surge protector safeguards internal electronics from voltage fluctuations and power surges.
- High-performance 3-step bin LED with an L70 rating of over 100,000 hours.
- [20-year manufacturer limited warranty.](#)
- ETL listed to the UL 1838 standard, with IES Files Available (See page 4).
- 3000K fixtures available in all finishes, wattages, and optics, in stock and ready to ship. Other color temperatures are non-stock and require a lead time of 5-7 business days.



AVAILABLE FINISHES:



POWER CONSUMPTION

Candela Power & IES charts can be found on page 4

COLOR TEMPERATURE	WATTAGE	VA	LUMENS	ADDITIONAL COLOR TEMP OPTIONS	
● 3000K*	1W	2VA	100LM	● 2700K	● 5000K
	3W	6VA	325LM	● Amber	● Blue
	6W	10VA	575LM	● Royal Blue	● Green
				● Red	● Fuchsia
				● Lavender	

* Indicates stocked items. Non-stocked items require 5-7 business days additional lead time, special order deposit and are non-refundable. Fuchsia and Lavender require additional lead time above the standard 5-7 business days.

SPECIFICATIONS

Materials

CNC-machined from billet 6061-T6 aluminum or C360 brass with 304 stainless hardware.

Finish

BLK: Marine-grade black anodize for lasting performance. UV/corrosion protection.

BR: Raw, brushed brass; will tarnish/patina naturally.

SSA: Marine-grade anodization for lasting corrosion resistance and durability.

Shroud Options

S2/S3 Slotted Shroud — optional accessory. Field-installable, two-point mount; four mounting slots enable near-full rotation; glare and line-of-sight control. (See page 2 for details).

Wattage

1, 4, 6W CREE LED delivering up to 575 lm.

Voltage

10.5-18VAC. Requires low voltage transformer or step down transformer.

Light Engine

Integrated design, field-replaceable — USA-built metal core LED module. Standard CRI 80 (CRI 90 optional). CCT: 2700K & 3000K (others available). Mac-Adam 3-step binning for consistent color.

Optics

Interchangeable optics available in 12°, 25°, 40°, and 60° beam angles.

Lead Wire

36" 18 AWG tinned copper.

Dimming Options

Dimmable configurations support DC phase dimming (TRIAC/ELV) and 0 to 10 V constant current with specified drivers, compatible with Lutron, Crestron, and Control4 when specified. Standard fixtures are non dimmable. For full dimmable options, contact your sales rep.

Mounting

Standard two-point mount through integrated holes using (2) #6×2½" 18-8 SS Phillips flat-head SMS; optional swivel adds 90°/45° tilt (See page 2 for details)

Listings

ETL listed to UL1838, IP68 Standard.



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ORDERING GUIDE

EXAMPLE: S2 204 BLK 2700K-HCL-WL1048 BR

MODEL

S2 S2 Specialty Light Saturn Series Fully Integrated	WATTAGE	OPTICS	FINISH	COLOR TEMPERATURE
	DIM (Dimmable)	1 (12°)	BLK (Black) BR (Brass) SSA (Stainless Aluminum)	3000K (Default/Blank) 2700K 5000K AMB (Amber) BLU (Blue) RBL (Royal Blue) GRN (Green) RED (Red) FSA (Fuchsia) LVR (Lavender)
	10 (1W)	2 (25°)		
	20 (6W)	4 (40°)		
	35 (6W)	6 (60°)		

OPTIONAL ACCESSORIES

Accessory images & dimensions can be found on page 3

SHROUD S2/S3 SLOTTED SHROUD BLACK (Slotted Shroud)	LOUVER HCL (Hex Cell Louver)	Mounting SURFACE MOUNT SWIVEL S2 (S2/S3 Swivel)
IN-GRADE MOUNT WL1048 BR (Well Light Housing)		

TRANSFORMERS

BUILD THE SKU LEFT → RIGHT

Pattern: [WATTAGE (VA)]-[MODEL]-[CONNECTION TYPE]

Items tagged "(Default/Blank)" are not included in the SKU.

EXAMPLE: 602-WLED SS-DW

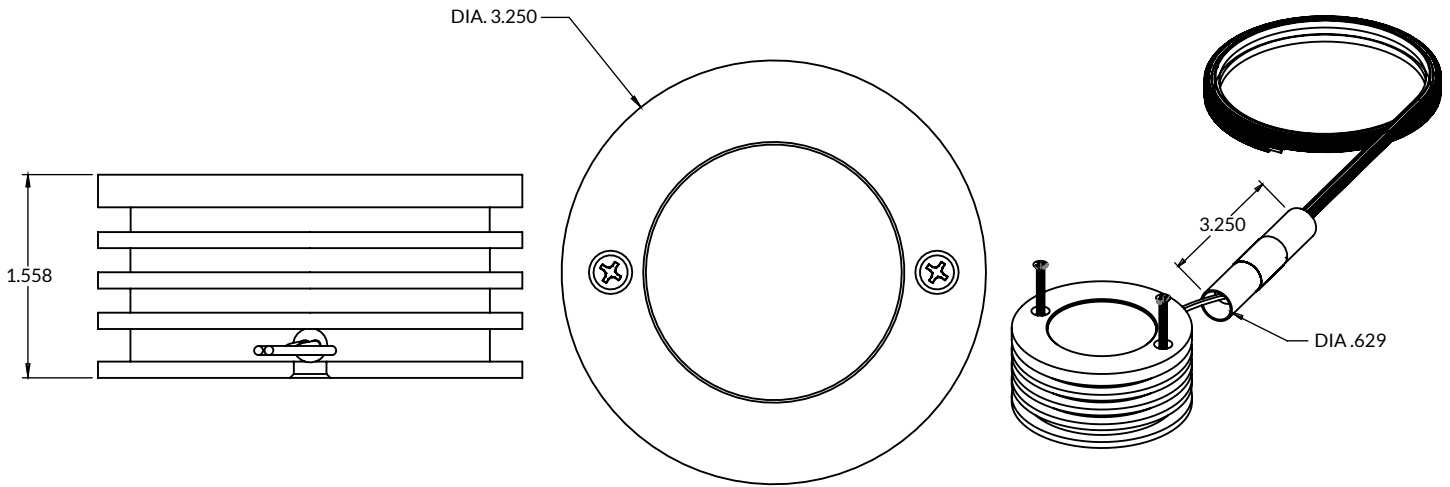
WATTAGE (VA) 62 102 152 302 602 902 1202 60WNL 60	MODEL WLED SS (Low Voltage Magnetic Transformer 15V Tap W/ LED & Surge Protection) INLINE (60W No-Load Inline Electronic Transformer 120VAC Input, 12VAC Output) MD (Mammoth Dynamics phase-dimmable constant current driver (DC))	CONNECTION TYPE Pluggable 120VAC Plug-In (Default/Blank) DW (Direct Wire 120VAC) Direct Wire 120VAC (Default/Blank) Direct Wire 120VAC (Default/Blank)
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FIXTURE DRAWINGS



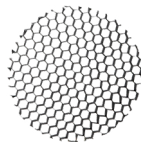
OPTIONS & ACCESSORIES

Shroud
Options:



[SLOTTED SHROUD](#)

Louver
Options:



[HONEY COMB LOUVER](#)

MOUNTING OPTIONS

Surface
Mount:



[S2/S3 SWIVEL](#)



[WELL LIGHT HOUSING](#)



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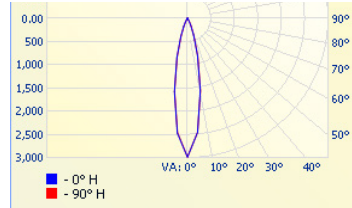
SPECIALTY | SATURN

PHOTOMETRICS

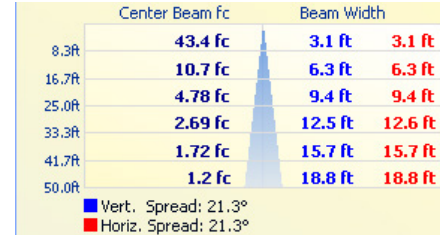
S2 12°

Input Power	6 W
Color Temperature (CCT)	3000 K
Color Rendering Index (CRI)	80+
Beam Spread	12°
Max Candela Power	2987cd
Delivered Lumens	575
Efficacy	71 lm/W

Polar Graph - Intensity



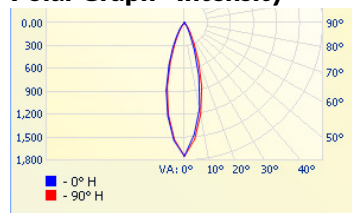
Cone of Light - Illuminance



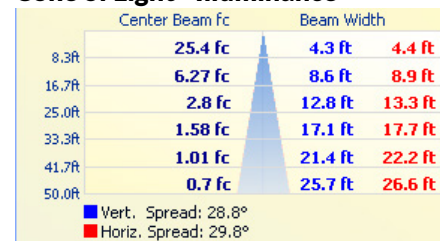
S2 25°

Input Power	6 W
Color Temperature (CCT)	3000 K
Color Rendering Index (CRI)	80+
Beam Spread	25°
Max Candela Power	1749cd
Delivered Lumens	572
Efficacy	71 lm/W

Polar Graph - Intensity



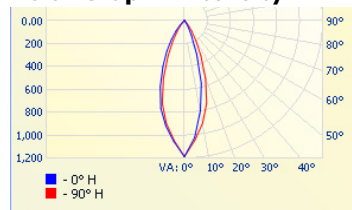
Cone of Light - Illuminance



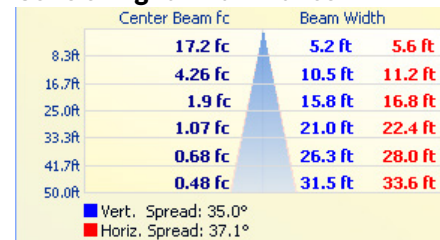
S2 40°

Input Power	6 W
Color Temperature (CCT)	3000 K
Color Rendering Index (CRI)	80+
Beam Spread	40°
Max Candela Power	1188cd
Delivered Lumens	541
Efficacy	67 lm/W

Polar Graph - Intensity



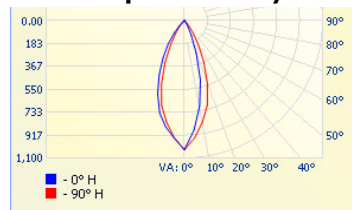
Cone of Light - Illuminance



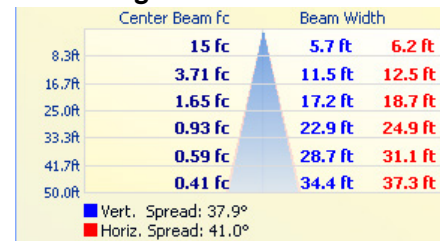
S2 60°

Input Power	6 W
Color Temperature (CCT)	3000 K
Color Rendering Index (CRI)	80+
Beam Spread	60°
Max Candela Power	1034cd
Delivered Lumens	536
Efficacy	66 lm/W

Polar Graph - Intensity



Cone of Light - Illuminance



Wattage Multiplier

Wattage	Multiplier
1 Watt	.17
3 Watt	.55
6 Watt	1

CCT Multiplier

Color Temperature	Multiplier
2700 K	.97
3000 K	1.00
4000 K	1.05

Resources

[S2 Saturn Series Specialty Light – IES Version \(ZIP\)](#)

[S2 Saturn Series Specialty Light – PDF Version \(ZIP\)](#)

[S2 Saturn Series Specialty Light – Install Guide](#)