

# SSL238 • 120V/277V • LED PAR38



Shown with optional  
cross baffle accessory

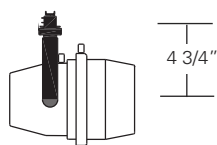
**This medium and long throw unit is perfect for areas requiring visually quiet, high intensity light.**

- Designed for most PAR38 medium screw base Solid State LED Retrofit lamps up to 20 watts and up to 100 watt incandescent.
- Sturdy aluminum housing
- Rugged steel self-locking yoke allows for horizontal and vertical focusing
- On/off safety switch (on most mounting types)
- Equipped with beam rotation and relamping handle for easy lamp changing
- Front rotation lock for alignment of directional accessories
- Has beam rotation lock for applications that require positive focus locking
- Internal accessory cartridge holds up to three size C LSI filters and accessories
- Optional cross baffle eliminates glare (45° cut-off)
- Finishes: LSI Black, White, and Silver
- Fixture weight: 1.5 lbs.

## MOUNTING OPTIONS

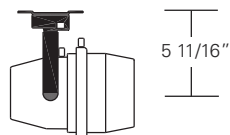
### SSL238-XXX-00-XXXX

Lexan fitting for 1 and 2 circuit LSI Track. With On/Off switch.



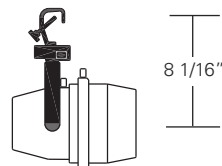
### SSL238-XXX-2G-XXXX

Universal fitting for Unistrut Systems and any screw or bolt-up applications. With switch, straight 6-foot 3-wire grounding cord and NEMA 5-15P plug.



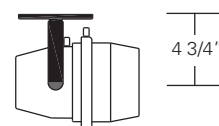
### SSL238-XXX-3G-XXXX

C-clamp for pipes from 5/8" to 2" O.D. With switch, straight 6-foot 3-wire grounding cord and NEMA 5-15P plug.



### SSL238-XXX-5A-XXXX

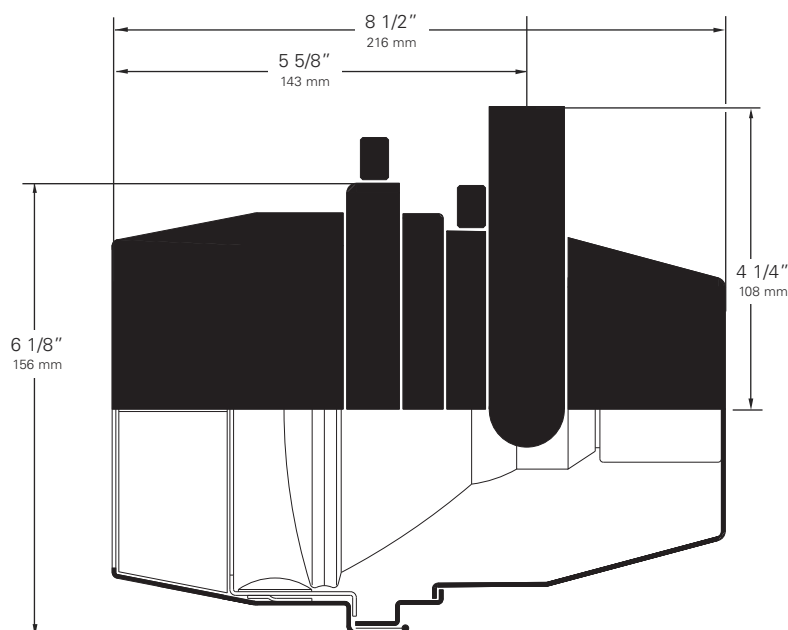
Canopy for permanent mounting on standard 4" octagonal outlet boxes.



### Other Options (Consult Factory):

- Stems, specify length (4" - 48")
- Custom color, RAL palette
- Security/Worklight Fixture, use **—EF** as mounting option (Track mount only)

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## LED PAR38 LAMPS

Watts	Spread	CBCP	
18.5	9°	24100	SP38-18-09D-930-03
18.5	25°	5400	SP38-18-25D-930-03
18.5	36°	2500	SP38-18-36D-930-03
18.5	60°	1100	SP38-18-60D-930-03

## PAR38 INCANDESCENT LAMPS

Watts	Spread	CBCP	
50	10°	14000	50PAR/HIR/SP10
50	30°	3000	50PAR/HIR/FL30
60	10°	20000	60PAR/HIR/SP10
60	30°	3600	60PAR/HIR/FL30
60	40°	2000	60PAR/HIR/FL40
80	10°	25000	80PAR/HIR/SP10
80	25°	5500	80PAR/HIR/FL25
90	10°	16000	90PAR/H/SP10
90	12°	12000	90PAR/HIR/SP12/XL
90	25°	4100	90PAR/H/FL25
90	25°	4100	90PAR/H/CB/FL25
90	40°	2800	90PAR/HIR/FL40/XL
100	10°	29000	100PAR/HIR/SP10
100	25°	6300	100PAR/HIR/FL25
100	40°	3400	100PAR/HIR/FL40

## ORDERING INFORMATION

1. Choose the **Accessory Cartridge**:  
(NXB) for No Cross Baffle  
(WXB) for with Cross Baffle
2. Select your **Mounting Option**.  
(00) for Track Fitting (2G) for Unistrut Fitting  
(3G) for C-clamp Fitting (5A) for Canopy Fitting
3. Choose desired **Voltage**:  
(120) for 120V (277) for 277V
4. Choose other fixture **Options** (add suffix):  
Coiled Cord is available with **2G** and **3G** mounting options. Change **2G** to **2C** and **3G** to **3C**. (When a coiled cord is not specified, a straight cord is provided.)  
• For Wrench Locking, add **WL**
5. Choose a **Finish** for your fixture:  
Black (B) White (W) Silver (S)

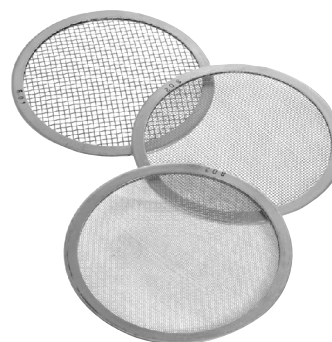
Example:

**SSL238** — **WXB** — **2G** **WL** — **120** **B**  
FIXTURE ACCESSORY CARTRIDGE FITTING WRENCH LOCKING VOLTAGE FINISH

Blue fields are optional. Leave blank if not required.

6. Don't forget your **Accessories!**  
LSI features the widest range of accessories in the industry to help you modify the light's intensity, color, texture and pattern.

## ACCESSORIES



### Light Blocking Screens C801S, C802S, C803S

Stainless steel screens, used to reduce transmitted light without changing its color temperature.

### Other accessories:

- Louver C
- Glass Color Filters C
- Cross Baffle 238
- Spread Lenses C990, C992, C995, C996
- Beam Softener C998
- Backer Ring CB
- Color and Spread Gels C

SSL238 • PHOTOMETRIC DATA

SORAA LED PAR38 Lamp

SP38-18-09D-930-03

18.5 watt, 35000 hrs

Beam Spread to 50% of CBCP 9°

Center Beam Candlepower 18500

Color Temperature 3000

SORAA LED PAR38 Lamp

SP38-18-25D-930-03

18.5 watt, 35000 hrs

Beam Spread to 50% of CBCP 25°

Center Beam Candlepower 5400

Color Temperature 3000

SORAA LED PAR38 Lamp

SP38-18-36D-930-03

18.5 watt, 35000 hrs

Beam Spread to 50% of CBCP 36°

Center Beam Candlepower 2500

Color Temperature 3000

SORAA LED PAR38 Lamp

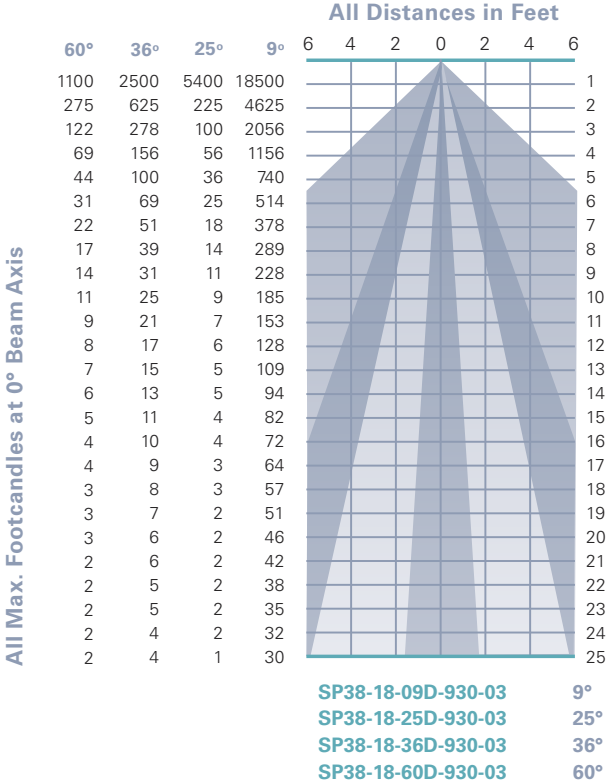
SP38-18-60D-930-03

18.5 watt, 35000 hrs

Beam Spread to 50% of CBCP 60°

Center Beam Candlepower 1100

Color Temperature 3000



Abbreviations used:

• CBCP = Center Beam Candlepower

# SSL238 • INCANDESCENT PHOTOMETRIC DATA

## 50PAR/HIR/SP10 50 watt, 3000 hrs

Beam spread to 50% of CBCP **10°**  
 Center beam candlepower **14000**  
 Color temperature (Kelvin) **2810**

## 50PAR/HIR/FL30 50 watt, 3000 hrs

Beam spread to 50% of CBCP **30°**  
 Center beam candlepower **3000**  
 Color temperature (Kelvin) **2810**

## 100PAR/HIR/SP10 100 watt, 3000 hrs

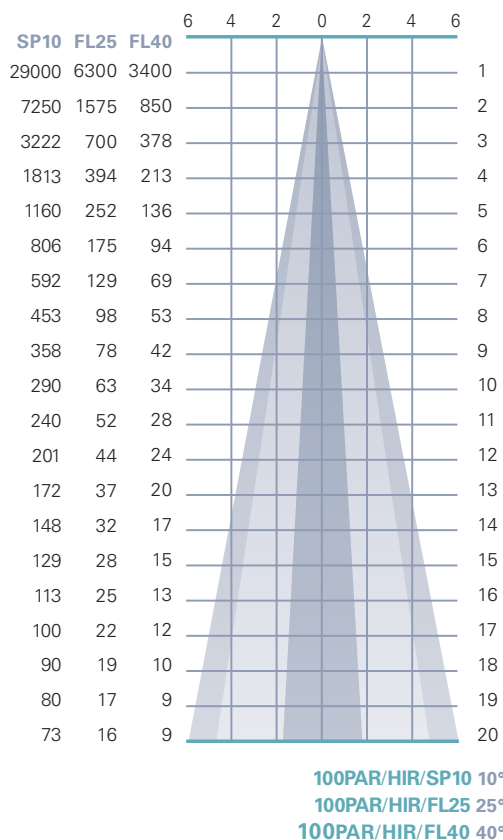
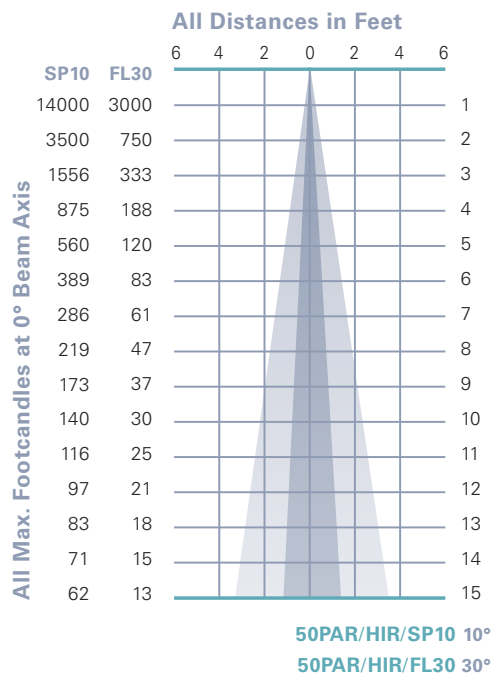
Beam spread to 50% of CBCP **10°**  
 Center beam candlepower **29000**  
 Color temperature (Kelvin) **2900**

## 100PAR/HIR/FL25 100 watt, 3000 hrs

Beam spread to 50% of CBCP **25°**  
 Center beam candlepower **6300**  
 Color temperature (Kelvin) **2900**

## 100PAR/HIR/FL40 100 watt, 3000 hrs

Beam spread to 50% of CBCP **40°**  
 Center beam candlepower **3400**  
 Color temperature (Kelvin) **2900**

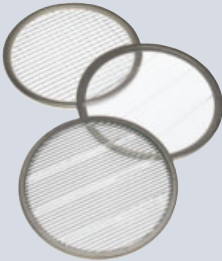


### Abbreviations used:

- CBCP = Center Beam Candlepower
- H = Halogen
- HIR = Halogen Infra Red


SSL238

• ACCESSORIES



**SPREAD LENSES AND BEAM SOFTENER**


No.	Description	% of Light Transmission
C990	Spread Lens/Clear	83 (5°X 50°)
C992	Spread Lens/Clear	85 (5°X 30°)
C995	Spread Lens/Clear	83 (50°X 50°)
C996	Spread Lens/Clear	86 (45°X 50°)
C998	Beam Softener/Clear	80 (45°X 45°)



**<sup>1</sup>LIGHT BLOCKING SCREENS C**

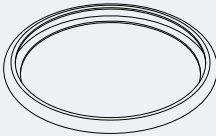
Stainless steel mesh screens used alone or in combinations will block from approximately 20% to 90% of the transmitted light without changing color temperature of the light

No.	% of Light Blocked
C801S	20
C802S	30
C803S	40



**LOUVER HEX C**

1/8" thick Hexcell black metal louver used for thin profile.



**BACKER RING CB**

Stainless steel ring to hold gel when no other size C accessories is being used.

1. Figures vary based upon LED Module/Optic being used and relationship of screen(s) to LED Module/Optic and to each other.

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LED • 5

# SSL238 • GELS (FOR LED USE ONLY)

As the foremost innovator in accent lighting, LSI offers a complete range of pre-cut Gels to modify the color and distribution of light.



## SPREAD GELS

Size: C (121 mm diameter)	Spread Gel
GELL1-C	1° Spread Gel
GELL5-C	5° Spread Gel
GELL10-C	10° Spread Gel
GELL20-C	20° Spread Gel
GELL30-C	30° Spread Gel
GELL40-C	40° Spread Gel
GELL60-C	60° Spread Gel
GELL80-C	80° Spread Gel
GELL30X5-C	30° by 5° Spread Gel
GELL40X1-C	40° by 1° Spread Gel
GELL60X1-C	60° by 1° Spread Gel
GELL60X10-C	60° by 10° Spread Gel
GELL75X45-C	75° by 45° Spread Gel
GELL90X60-C	90° by 60° Spread Gel
GELR101-C	Beam Softener

## COLOR GELS

Size: C (121 mm diameter)	Gel Color	Size: C (121 mm diameter)	Gel Color
GELR7-C	Pale Yellow	GELR3204-C	Half Blue
GELR12-C	Straw	GELR331-C	Shell Pink
GELR13-C	Straw Tint	GELR383-C	Sapphire Blue
GELR14-C	Medium Straw	GELR397-C	Pale Grey
GELR21-C	Golden Amber	GELR2001-C	Storaro Red
GELR25-C	Orange Red	GELR2004-C	Storaro Green
GELR26-C	Light Red	GELR2009-C	Storaro Violet
GELR27-C	Medium Red	GELR3202-C	Full Blue
GELR57-C	Lavender	GELR3206-C	Third Blue
GELR71-C	Sea Blue	GELR3216-C	Eighth Blue (Boosts 3200K to 3300K)
GELR72-C	Azure Blue	GELR3318-C	Tough 1/8 Minusgreen
GELR91-C	Primary Green	GELR3410-C	Roscosun (1/8 CTO) (Reduces 5500K to 4900K)
GELR97-C	Light Grey	GELR3441-C	Full Straw (CTS)
GELR98-C	Medium Grey	GELR3443-C	Quarter Straw (CTS)
GELR101-C	Light Frost	GELR4330-C	CalColor 30 Cyan
GELR104-C	Tough Silk	GELR4415-C	CalColor 15 Green
GELR119-C	Lt. Hamburg Frost	GELR4490-C	CalColor 90 Green
GELR121-C	Blue Diffusion	GELR4860-C	CalColor 60 Pink
GELR305-C	Rose Gold	GELR4890-C	CalColor 90 Pink
GELR312-C	Canary	GELR4930-C	CalColor 30 Lavender

# COLOR MEDIA

## COLOR FILTERS

As the foremost innovator in accent lighting, LSI offers a complete range of permanent fade-free glass color filters, which are available in nine stock diameters. All glass color filters are rimmed in a seamless aluminum ring and are slotted for heat expansion.



Size	Diameter	LSI Fixture Series
AAA	2 3/8"	LumeLEX® 2020/2030/2031/2038, SSLCX16, SSL260, LumeLEX MAR-S
ZM	2 13/16"	LZ Zoom
AA	3"	LumeLEX® 2024 (with LX2024-Holder or LX2024-Barndoor), LumeLEX® 2044, LumeLEX 2048
A	3 1/2"	LumeLEX® 2060, SSL230, SSLCX30, SSLGR30CL, SSLGR36
B	4 1/4"	LumeLEX® MAR-L
C	4 3/4"	LumeLEX® 2084, LumeLEX® 2088, SSL238, SSLCX36, SSLCX38, SSLGR38CL

No.	Color	1% of Light Transmission
902	Medium Pink	36
903	Deep Pink	37
904	Flesh Pink	73
906	Pale Lavender	14
907	Surprise Pink	19
908	Lilac	21
910	Warm Red	10
911	Strawberry	6
912	Ruby	4
913	Magenta	1
914	Light Amethyst	25
915	Medium Amethyst	16
916	Deep Amethyst	4
917	Olive	18
918	Light Green	68
920	Medium Green	25
921	Deep Green	7
922	Silver green	65
923	Yellow Green	49
924	Emerald Green	12
925	Light Turquoise	68
926	Medium Turquoise	40
927	Deep Turquoise	17
928	Light Blue	34
930	Medium Blue	3
932	Daylight	59
933	Gene Moore Blue	18
936	Grey	56
937	Light Blue Green	17
939	Light Amber	68
940	Medium Amber	48
941	Deep Amber	43
942	Straw	78
943	Gold	87
944	Canary Yellow	84
945	Lemon	81
946	Pumpkin	32
947	Tangerine	20
948	Orange	23
949	Pink Gold	54
950	Bronze	48
951	Brass	11
952	Autumn Tan	11
953	Leaf Brown	19
954	Butter Pecan	3
955	Toasted Almond	1

Notes:

1. Values given are approximate due to slight variations in glass color and thickness.

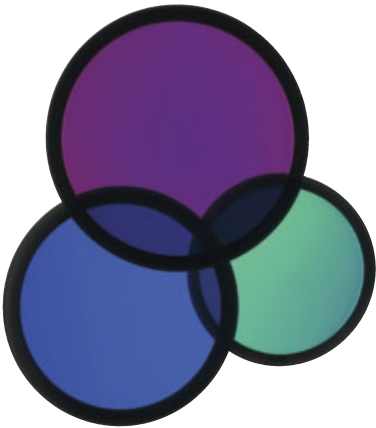
# COLOR MEDIA

## DICHROIC COLOR FILTERS

In addition to our complete line of glass color filters, LSI now offers dichroic glass color filters that achieve purer, more saturated, richer color by selective wavelength transmission. Since these filters reflect rather than absorb the unwanted color wavelengths, a higher intensity of colored light can be obtained with fewer or lower wattage fixtures. In addition, this selective transmission allows for very accurate color matching from filter to filter.

All standard LSI filter sizes are available in a wide palette of well chosen dichroic colors that can be used with all LSI fixtures that accept accessories.

LSI dichroic glass color filters have the added benefit of being rimmed for extra durability to allow for frequent usage without fear of breakage or edge chipping.



Size	Diameter	LSI Fixture Series	Technical Data	No.	Color	% of Light Transmission
AAA	2 3/8"	LumeLEX® 2020/2030/2031/2038, SSLCX16, SSL260, LumeLEX MAR-S	Dichroic color filters are created in a vacuum chamber by multi-layer vapor deposits of different minerals onto low expansion, chemically resistant Borosilicate glass.	2001	Light Pink	69
ZM	2 13/16"	LZ Zoom		2002	Medium Pink	43
AA	3"	LumeLEX® 2024 (with LX2024-Holder or LX2024-Barndoor), LumeLEX® 2044, LumeLEX 2048	Deposits are made in alternating layers of varying microscopic thickness which allow very narrow color wavelengths to be selectively transmitted and all other wavelengths to be reflected.	2003	Hot Pink	11
A	3 1/2"	LumeLEX® 2060, SSL230, SSLCX30, SSLGR30CL, SSLGR36	LSI does not recommend using dichroic color filters with lamps or fixtures that have beam spreads greater than 40° because a secondary color aura is created by the wide angular transmitted wavelengths that are different than the desired color wavelength.	2004	Pale Pink	55
B	4 1/4"	LumeLEX® MAR-L		2010	Deep Magenta	29
C	4 3/4"	LumeLEX® 2084, LumeLEX® 2088, SSL238, SSLCX36, SSLCX38, SSLGR38CL	Since there is mainly transmission and reflection of the color wavelengths by the dichroic filter and very little absorption, the dichroic filter can be used with many high temperature lights that normally would not accept color filters.	2011	Lavender	24
				2012	Vivid Magenta	31
				2013	Lavender Accent	48
				2014	Lilac	37
				2015	Purple Fusion	12
				2020	Sky Blue	39
				2021	Sea Blue	39
				2022	Cyan	33
				2023	Light Blue Green	30
				2024	Primary Blue	24
				2025	Medium Red Blue	15
				2026	Deep Purple	16
				2027	Peacock Blue	53
				2028	Mediterranean Blue	20
				2029	Boost Blue	51
				2040	Light Yellow Green	64
				2041	Fern Green	47
				2042	Turquoise	35
				2043	Primary Green	31
				2044	Industrial Green	64
				2050	Yellow	80
				2051	Amber	71
				2052	Amber Blush	38
				2053	Bastard Amber	71
				2054	Goldenrod	63
				2055	Bright Straw	56
				2060	Medium Orange	51
				2061	Orange	44
				2070	Flame Red	27
				2071	Primary Red	25