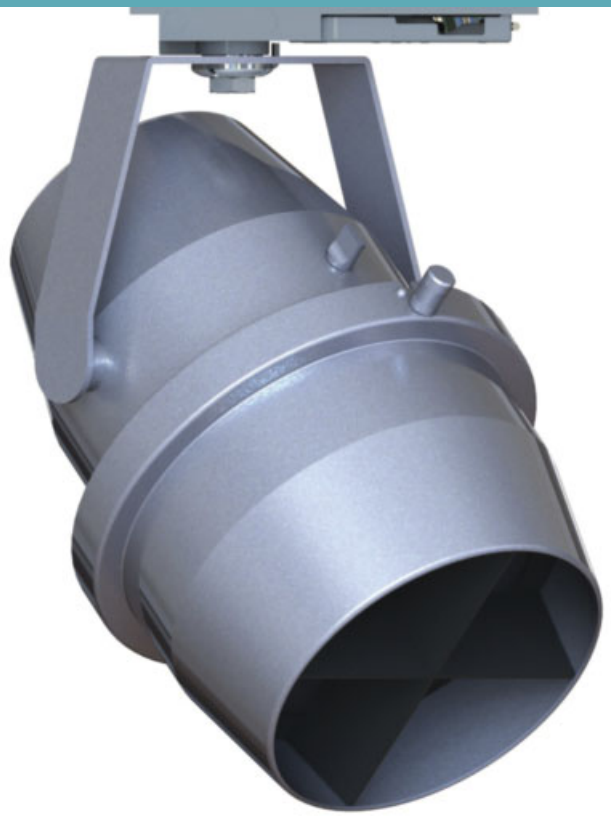
Job Name Here	Fixture Type Here
Designer/Firm Name Here	Ordering Information Here

SSL238 • 120V/277V • LED PAR38



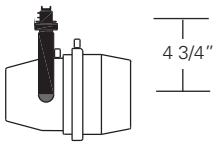
Shown with optional cross baffle accessory

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

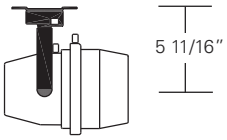
- Designed for most PAR38 medium screw base Solid State LED Retrofit lamps up to 20 watts and up to 100 watt incandescent.
- Sturdy aluminum housing
- Rugged steel self-locking yoke allows for horizontal and vertical focusing
- On/off safety switch (on most mounting types)
- Equipped with beam rotation 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

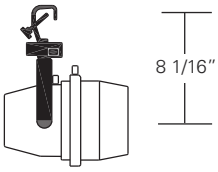
SSL238-XXX-00-XXXX
Lexan fitting for 1 and 2 circuit LSI Track. With On/Off switch.



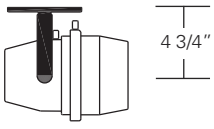
SSL238-XXX-2G-XXXX
Universal fitting for Unistrut Systems and any screw or bolt-up applications. With switch, straight 6-foot 3-wire grounding cord and NEMA 5-15P plug.



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.



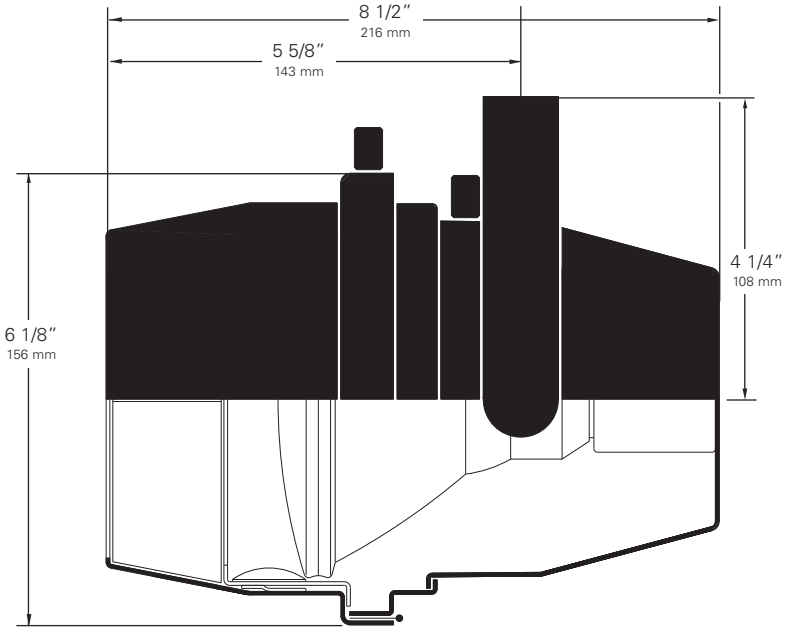
SSL238-XXX-5A-XXXX
Canopy for permanent mounting on standard 4" octagonal outlet boxes.



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

Job Name Here	Fixture Type Here
Designer/Firm Name Here	Ordering Information Here

SSL238 • 120V/277V • LED PAR38



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**)

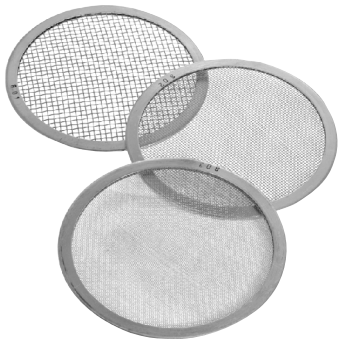
Example:

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**

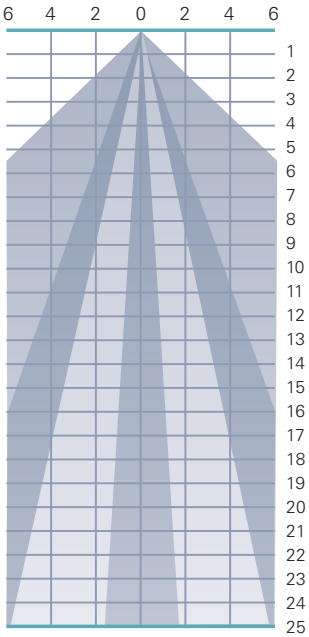
SORAA LED PAR38 Lamp
SP38-18-36D-930-03
18.5 watt, 35000 hrs
Beam Spread to 50% of CBCP **36°**
Center Beam Candlepower **2500**
Color Temperature **3000**

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**

All Max. Footcandles at 0° Beam Axis

All Distances in Feet

60°	36°	25°	9°
1100	2500	5400	18500
275	625	225	4625
122	278	100	2056
69	156	56	1156
44	100	36	740
31	69	25	514
22	51	18	378
17	39	14	289
14	31	11	228
11	25	9	185
9	21	7	153
8	17	6	128
7	15	5	109
6	13	5	94
5	11	4	82
4	10	4	72
4	9	3	64
3	8	3	57
3	7	2	51
3	6	2	46
2	6	2	42
2	5	2	38
2	5	2	35
2	4	2	32
2	4	1	30



SP38-18-09D-930-03 9°
SP38-18-25D-930-03 25°
SP38-18-36D-930-03 36°
SP38-18-60D-930-03 60°

Abbreviations used:
• CBCP = Center Beam Candlepower

SSL238 • INCANDESCENT PHOTOMETRIC DATA

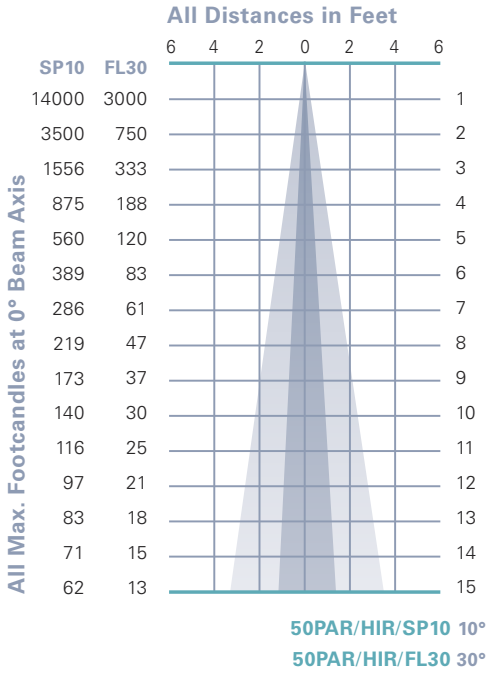
50PAR/HIR/SP10 50 watt, 3000 hrs
Beam spread to 50% of CBCP **10°**
Center beam candlepower **14000**
Color temperature (Kelvin) **2810**

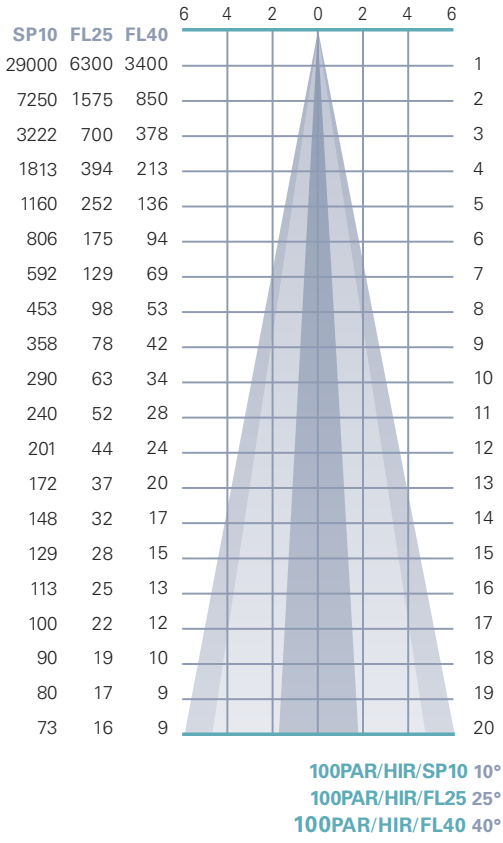
50PAR/HIR/FL30 50 watt, 3000 hrs
Beam spread to 50% of CBCP **30°**
Center beam candlepower **3000**
Color temperature (Kelvin) **2810**

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**

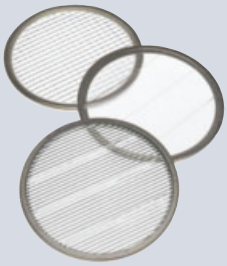
100PAR/HIR/FL40 100 watt, 3000 hrs
Beam spread to 50% of CBCP **40°**
Center beam candlepower **3400**
Color temperature (Kelvin) **2900**





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°)

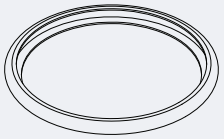
[1]LIGHT BLOCKING SCREENS C

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.

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
GEL-L1-C	1° Spread Gel
GEL-L5-C	5° Spread Gel
GEL-L10-C	10° Spread Gel
GEL-L20-C	20° Spread Gel
GEL-L30-C	30° Spread Gel
GEL-L40-C	40° Spread Gel
GEL-L60-C	60° Spread Gel
GEL-L80-C	80° Spread Gel
GEL-L30B5-C	30° by 5° Spread Gel
GEL-L40B2-C	40° by 0.2° Spread Gel
GEL-L60B1-C	60° by 1° Spread Gel
GEL-L60B10-C	60° by 10° Spread Gel
GEL-L75B45-C	5° by 45° Spread Gel
GEL-L90B60-C	90° by 60° Spread Gel
GEL-R101-C	Beam Softener

COLOR GELS

Size: C (121 mm diameter)	Gel Color	Size: C (121 mm diameter)	Gel Color
GEL-R7-C	Pale Yellow	GEL-R3204-C	Half Blue
GEL-R12-C	Straw	GEL-R331-C	Shell Pink
GEL-R13-C	Straw Tint	GEL-R383-C	Sapphire Blue
GEL-R14-C	Medium Straw	GEL-R397-C	Pale Grey
GEL-R21-C	Golden Amber	GEL-R2001-C	Storaro Red
GEL-R25-C	Orange Red	GEL-R2004-C	Storaro Green
GEL-R26-C	Light Red	GEL-R2009-C	Storaro Violet
GEL-R27-C	Medium Red	GEL-R3202-C	Full Blue
GEL-R57-C	Lavender	GEL-R3206-C	Third Blue
GEL-R71-C	Sea Blue	GEL-R3216-C	Eighth Blue (Boosts 3200K to 3300K)
GEL-R72-C	Azure Blue	GEL-R3318-C	Tough 1/8 Minusgreen
GEL-R91-C	Primary Green	GEL-R3410-C	Roscosun (1/8 CTO) (Reduces 5500K to 4900K)
GEL-R97-C	Light Grey	GEL-R3441-C	Full Straw (CTS)
GEL-R98-C	Medium Grey	GEL-R3443-C	Quarter Straw (CTS)
GEL-R101-C	Light Frost	GEL-R4330-C	CalColor 30 Cyan
GEL-R104-C	Tough Silk	GEL-R4415-C	CalColor 15 Green
GEL-R119-C	Lt. Hamburg Frost	GEL-R4490-C	CalColor 90 Green
GEL-R121-C	Blue Diffusion	GEL-R4860-C	CalColor 60 Pink
GEL-R305-C	Rose Gold	GEL-R4890-C	CalColor 90 Pink
GEL-R312-C	Canary	GEL-R4930-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.

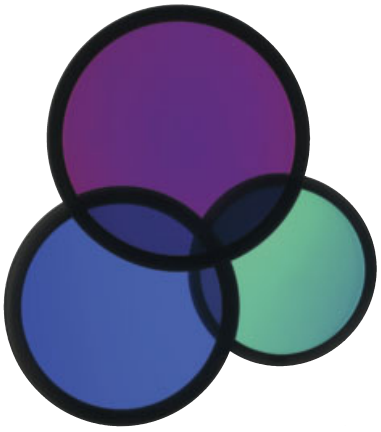
COLOR MEDIA

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
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

Technical Data

Dichroic color filters are created in a vacuum chamber by multi-layer vapor deposits of different minerals onto low expansion, chemically resistant Borosilicate glass.

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.

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.

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.

No.	Color	% of Light Transmission
2001	Light Pink	69
2002	Medium Pink	43
2003	Hot Pink	11
2004	Pale Pink	55
2010	Deep Magenta	29
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