Lighting Services Inc Retrofit LED Series

SSLCX38 · ACCESSORIES



SPREAD LENSES AND BEAM SOFTENER

No.	Description	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°)



'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.

Lighting Services Inc Retrofit LED Series

SSLCX38 · GELS

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-L30X5-C	30° by 5° Spread Gel
GEL-L40X1-C	40° by 1° Spread Gel
GEL-L60X1-C	60° by 1° Spread Gel
GEL-L60X10-C	60° by 10° Spread Gel
GEL-L75X45-C	75° by 45° Spread Gel
GEL-L90X60-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
А	3 1/2"	LumeLEX® 2060, SSL230, SSLCX30, SSLGR30CL, SSLGR36
В	4 1/4"	LumeLEX® MAR-L
С	4 3/4"	LumeLEX® 2084, LumeLEX® 2088, SSL238, SSLCX36, SSLCX38, SSLGR38CL

No	Color	1% of Light
No.		Transmission
902	Medium Pink	36
903	Deep Pink	37
904	Flesh Pink	73
906	Pale Lavender	14 19
907	Surprise Pink	
908 910	Lilac	21
910	Warm Red Strawberry	6
912	Ruby	4
912	,	1
914	Magenta 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:

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

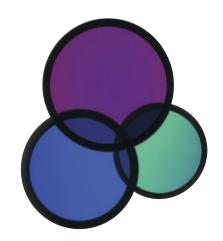
COLOR MEDIA

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
Α	3 1/2"	LumeLEX® 2060, SSL230, SSLCX30, SSLGR30CL, SSLGR36
В	4 1/4"	LumeLEX® MAR-L
С	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.

DI.	Calar	% of Light
No.	Color	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