

KSL - Low Profile Reflector Strip Kit

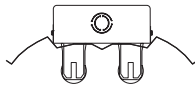
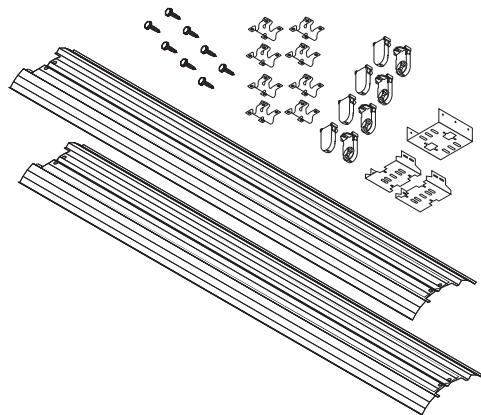
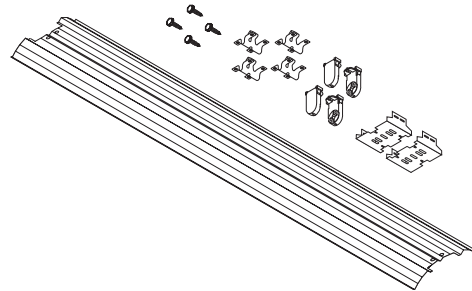
Application

The KSL reflector kits are designed to convert standard T12 strip luminaires to a highly efficient T8 or T5 lamped luminaire. The KSL configuration provides optimum performance with heights up to 16 feet. Conversion maximizes fixture efficiency and provides uniform light distribution. The reflector can be easily removed for maintenance without tools. Kit is available in 32 watt T8 or 28 and 54 watt T5 lamps.

Kit Includes

- 1 or 2 Reflectors*
- 2 or 3 Brackets*
- 2 to 8 Sockets*
- 4 to 8 Tek Screws*
- 4 to 8 Quarter Turns*

*depends on if a 4ft. or 8 ft. lamp configuration is being used



KSL - Photometrics

reflect-a-light™

Catalog Number:
KSL/EA/4-1B

Lamps:
One F32T8

Ballast:
Electronic 1-F32IS

Retrofit Kits

Coefficients of Utilization-Zonal Cavity Method Effective Floor Cavity Reflectance 0.20											
RC	80%				70%				50%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	110	110	110	110	107	107	107	107	102	102	102
1	99	94	89	68	96	92	87	84	87	84	81
2	89	81	74	63	86	79	72	67	75	70	65
3	8	70	62	56	78	69	6	55	66	59	54
4	74	62	53	46	71	60	52	46	58	51	45
5	67	54	45	38	65	53	44	38	50	43	38
6	61	48	39	33	59	47	39	32	45	38	32
7	56	43	34	28	54	42	34	28	40	33	28
8	52	38	30	24	50	37	29	24	36	29	24
9	47	34	26	20	46	33	26	20	32	25	20
10	44	31	23	18	43	30	23	18	29	22	18

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.7
Efficiency: 92.1%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: 1389

Coefficients of Utilization-Zonal Cavity Method Effective Floor Cavity Reflectance 0.20											
RC	80%				70%				50%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	108	108	108	108	106	106	106	106	101	101	101
1	99	94	90	86	96	92	88	85	88	85	82
2	90	82	75	70	87	80	74	69	77	72	67
3	82	72	64	58	79	71	64	58	68	62	57
4	75	64	56	49	73	62	55	49	60	54	48
5	68	56	48	42	66	55	47	41	53	46	41
6	63	50	42	36	61	49	41	36	47	40	35
7	58	45	37	31	56	44	36	31	43	36	31
8	53	40	32	27	52	40	32	27	38	31	26
9	49	36	28	23	47	35	28	23	34	27	23
10	45	33	25	20	44	32	25	20	31	25	20

Catalog Number:
KSL/EA/4-2B

Lamps:
Two F32T8

Ballast:
Electronic 2-F32IS

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.5
Efficiency: 92.1%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: 1390

Reflector Ordering Guide

KSL Series	4 Channel Width	EA Material	4 Length	2 Lamps	B Socket Option
----------------------	---------------------------	-----------------------	--------------------	-------------------	---------------------------

Reflector Series

RSL - One piece reflector only
 KSL - Socketed Kit includes shunted sockets, one piece reflector, brackets and self-tapping screws
 PKSL - Socketed Kit includes shunted sockets, one piece reflector, brackets and self-tapping screws, with ballast

Channel Width

4 - 4.25 inch width
 5 - 5 inch width (Specify if other width)
 A - Adjustable brackets (T8 Only)

Material Type

EA - 95% Enhanced Aluminum
 SA - 86% Specular Aluminum
 WA - 91% White Aluminum
 MA - 93% Micro Aluminum

Luminaire Length

2 - 2 ft. or 24 Inches
 3 - 3 ft. or 36 Inches
 4 - 4 ft. or 48 Inches
 6 - 6 ft. or 72 Inches
 8 - 8 ft. or 96 Inches

Number of Lamps

1 - One Lamp
 2 - Two Lamps (4 ft. & 8 ft.)
 4 - Four Lamps (8 ft. Only)

Socket Pin Option

B - T8 Bi-Pin Socket
 C - T5 Bi-Pin Socket

Download catalog PDF's, IES files and cutsheets on our website.



www.usenergysciences.com
1.800.537.1629

US Energy Sciences

reflecting technology™