

KSH - High Profile Reflector Strip Kit

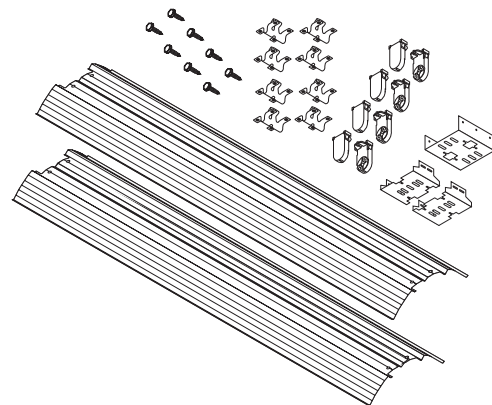
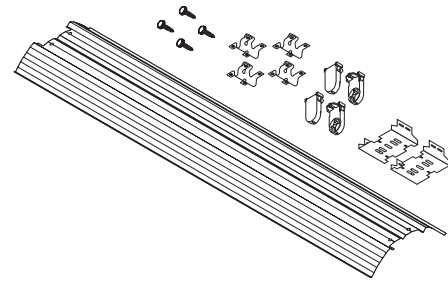
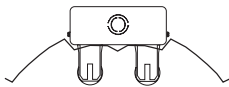
Application

The KSH reflector kits are designed to convert standard T12 strip luminaires to a highly efficient T8 or T5 luminaire. The KSH is designed for optimum performance with heights above 18 feet. Conversion maximizes fixture efficiency and provides uniform light distribution. The reflector can be easily removed for maintenance without tools. Available in 32 watt T8; 28 or 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



KSH - Photometrics

reflect-a-light™

Catalog Number:
KSH/EA/4-1B

Lamps:
One F32T8

Ballast:
Electronic 1-F32IS

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	76	74	96	92	87	67	87	84	81
2	89	81	67	63	86	79	72	55	75	70	65
3	8	70	59	55	78	69	6	46	66	59	54
4	74	62	52	48	71	60	52	38	58	51	45
5	67	54	46	42	65	53	44	42	50	43	38
6	61	48	42	38	59	47	39	32	45	38	32
7	56	43	37	33	54	42	34	28	40	33	28
8	52	38	33	30	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: 1.3 1.2
Efficiency: 92.5%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: 1654

Catalog Number:
KSH/EA/4-2B

Lamps:
Two F32T8

Ballast:
Electronic 2-F32IS

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

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.1
Efficiency: 90.5%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: 1655

Reflector Ordering Guide

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

Reflector Series

RSH - One piece reflector only

KSH - Socketed Kit includes shunted sockets, one piece reflector, brackets and self-tapping screws

PKSH - 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™