

FSH - Strip *with* High Profile Reflector

Application

The FSH Series Strip Fixtures are designed for general purpose applications that require a dependable, efficient light source such as markets, storerooms, factories and warehouses. Its heavy-duty construction, versatile mounting options and ease of maintenance makes it a competitive choice for many applications. Luminaire can be individually surface mounted chain hung, pendant mounted or hung in continuous rows. Lamp options include T8 and T5's. Knockouts are provided on housing back and ends for both mounting and wiring ease.

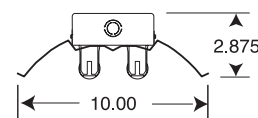
Construction

Die formed code gauge steel housing and ends, embossed for strength and uniformity. Heavy-duty ends attach to housing with interlocking tabs and screws. Wiring components are mounted to the one-piece back housing, permitting easy access by removal of the cover without removing fixture. All painted metal parts are pretreated with a phosphate bonding process and painted with electrostatically applied, high temperature baked, white enamel for superior quality and durability.

Reflectors are constructed from highly polished specular aluminum. Material form, fit and thickness meet or exceed all UL 1598 requirements. Computer assisted design provides maximum light output, uniform light distribution, rigid strength and ballast access without the use of tools.

Custom Design

Custom design is available for all styles. Please find tear sheets on page 115 for fax-in orders.



FSH - Photometrics

reflect-a-light™

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:
FSH-23248-SA-N

Lamps:
Two F32T8

Ballast:
Electronic 2-F32IS

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.5
Efficiency: 91.2%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: LTL01390

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	48	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:
FSH-43296-SA-N

Lamps:
Four F32T8

Ballast:
Electronic (2) 2-F32IS

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.5
Efficiency: 91.2%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: LTL01391

Fixture Ordering Guide

FSH Series	2 Lamps	32 Wattage	48 Length	EA Material	N Ballast
----------------------	-------------------	----------------------	---------------------	-----------------------	---------------------

Series
FSH - High Profile

Lamp Wattage
14 - 14 Watt T5
17 - 14 Watt T8
25 - 25 Watt T8
28 - 28 Watt T5
32 - 32 Watt T8
54 - 54 Watt T5

Fixture Length
24 - 24 Inches
36 - 36 Inches
48 - 48 Inches
72 - 72 Inches
96 - 96 Inches

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

Electronic Ballast Options
H - High Power
N - Normal Power
L - Low Power
4 - 480 Volt

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



www.usenergysciences.com
1.800.537.1629

US Energy Sciences
reflecting technology™