

# FSM - 3 & 6 Lamp Aisle Lighter

## Application

The FSM Series Strip Fixtures are designed for applications that require a dependable, efficient light. Its heavy-duty construction, versatile mounting options and ease of maintenance makes it a competitive choice. Luminaires 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.

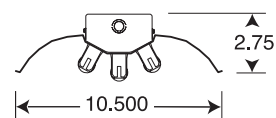
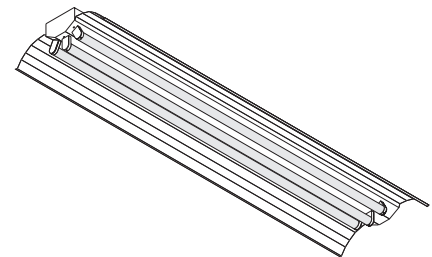
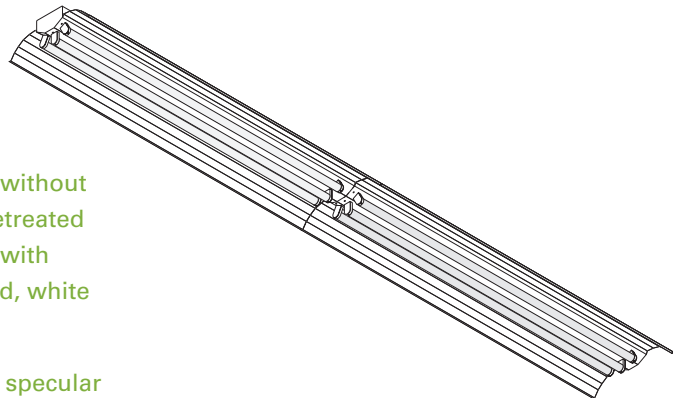
Reflectors are constructed from highly polished specular aluminum. Material form, fit and thickness meet or exceed all UL 1598 requirements. Computer assisted design provides maximum light output, uniform light distribution, rigid strength and ballast access without the use of tools.

## Electrical

Energy saving and electronic Class P, CBM/ETL certified HPF ballast comply with Federal Energy Efficiency Standards; Underwriters Laboratories listed.

## Custom Design

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



# FSM - 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	105	105	105	105	102	102	102	102	96	96	96
1	94	90	85	81	91	87	83	79	82	79	76
2	85	78	71	66	82	75	69	64	71	66	62
3	78	68	61	55	75	66	59	54	63	57	52
4	71	60	52	46	69	59	51	46	56	49	44
5	65	53	45	39	63	52	44	38	49	43	37
6	60	48	39	34	58	46	39	33	44	37	32
7	55	43	35	29	53	42	34	29	40	33	28
8	51	38	31	25	49	38	30	25	36	29	24
9	47	35	27	22	45	34	27	22	32	26	21
10	44	31	24	19	42	31	24	19	29	23	19

**Catalog Number:**  
FSM-33248-SA-N

**Lamps:**  
Three F32T8

**Ballast:**  
Electronic 3-F32IS

**Plane:** 0-DEG 90-DEG  
**Spacing Criteria:** 1.2 1.1  
**Efficiency:** 89.1%  
**Photometric Certified by:** Luminaire Testing Laboratory  
**Report No.:** LTL03779

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	105	105	105	105	102	102	102	102	96	96	96
1	94	89	85	81	91	87	83	79	82	79	76
2	85	78	71	66	82	75	69	64	71	66	62
3	78	68	61	55	75	66	59	54	63	57	52
4	71	60	52	46	69	59	51	46	56	49	44
5	65	53	45	39	63	52	44	38	49	43	37
6	60	48	39	34	58	46	39	33	44	37	32
7	55	43	35	29	53	42	34	29	40	33	28
8	51	38	31	25	49	38	30	25	36	29	24
9	47	35	27	22	45	34	27	22	32	26	21
10	44	31	24	19	42	31	24	19	29	23	19

**Catalog Number:**  
FSM-63296-SA-N

**Lamps:**  
Six F32T8

**Ballast:**  
Electronic (2) 3-F32IS

**Plane:** 0-DEG 90-DEG  
**Spacing Criteria:** 1.2 1.1  
**Efficiency:** 89.1%  
**Photometric Certified by:** Luminaire Testing Laboratory  
**Report No.:** LTL03777

## Fixture Ordering Guide

<b>FSM</b> Series	<b>3</b> Lamps	<b>32</b> Wattage	<b>48</b> Length	<b>EA</b> Material	<b>N</b> Ballast
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<b>Series</b> FSM - Medium Profile	<b>Lamp Wattage</b> 32 - 32 Watt T8 54 - 54 Watt T5	<b>Fixture Length</b> 48 - 48 Inches 96 - 96 Inches	<b>Reflector Material</b> EA - 95% Enhanced Aluminum SA - 86% Specular Aluminum WA - 91% White Aluminum MA - 93% Micro Aluminum	<b>Electronic Ballast Options</b> H - High Power N - Normal Power L - LowPower 4 - 480 Volt
<b>No. of Lamps</b> 3 - Three Lamps 6 - Six Lamps				

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