LITHONIA LIGHTING®

FEATURES & SPECIFICATIONS

INTENDED USE — The industry's next generation in linear direct fluorescent products. This new compact, low-profile design offers our customers unique product features which improve the overall installation process and appearance while reducing labor cost, making it the most versatile solution for commercial, retail, manufacturing, warehouse, and cove and display applications.

CONSTRUCTION — Compact designed channel and cover are formed from code-gauge cold-rolled steel. Innovative T8 two-lamp back plate offers compact design and additional socket protection. Locking lamp holder tracks bolsters strength of the overall strip construction while creating improved lamp stability. Design includes T8 socket, features rotating collar and enclosed contacts. Improved easy "snap n' lock" end plates allow for quick attachment.

Designed to accommodate a wide variety of T8 lamp lengths. Channel offers the gripper back feature which strengthens the overall construction and allows for the use of the new Z spring hanger (see back). Newly designed, patent-pending channel cover offers a secure fit design, allowing for easy access and quick attachment without pinching wires.

Finish: High-gloss, baked white enamel finish (white standard). Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Other channel paint finish options: black (MB), smoke gray (SMG) and galvanized (GALV).

OPTICS — Reflector options include solid or apertured designs in both symmetric and asymmetric configurations. Consult factory for special-apertured versions.

ELECTRICAL — Thermally protected, resetting, Class P, HPF, non-PCB, UL listed. Suitable for damp locations. AWN, TFN or THHN wire used throughout, rated for required temperatures.

INSTALLATION — Patented-pending "three-point" row connector locks channel together for straighter and faster row mounting; included as standard. Ideal for surface-mount or suspended.

LISTINGS — UL Listed, CUL Listed or CSA Certified to Canadian Standards. Listed for 25° C ambient temperature.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.
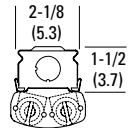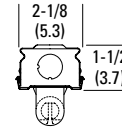
Specifications subject to change without notice.

One-Lamp T8

Two-Lamp T8

Two-Lamp T5

Low-Profile T5/T8 Striplight

Z
Linear Lamps
1 or 2 Lamps

Specifications

T8 Length: 24 (61.0) ,36 (91.4), 48 (121.9)
72 (182.9) or 96 (243.8)

T5 Length: 22-3/8 (56.8), 34-1/8 (86.7), 46 (116.8)
68-3/8 (173.6) or 92 (233.6)

Width: 2-1/8 (5.4)

Depth: 1-1/2 (3.8)

2-1/8 (5.3)   1-1/2 (3.7)

2-1/8 (5.3)   1-1/2 (3.7)

All dimensions are inches (centimeters) unless otherwise noted.

ORDERING INFORMATION   For shortest lead times, configure products using **standard options (shown in bold.)**

Example: Z 1 32 MVOLT GEB10IS

Series	Reflectors	Number of lamps	Lamp type		Voltage	Ballast		Options			
Z Compact strip For tandem double-length unit, add prefix T. Example: TZ	(see page 3 for ordering nomenclature)	**1** **2** Not included	17 25 **32** 14T5 21T5 24T5HO **28T5** 39T5HO **54T5HO**	17W T8 (24") 25W T8 (36") 32W T8 (48") 14W T5 (22") 21W T5 (34") 24W T5 HO (22") 28W T5 (46") 39W T5 HO (34") 54W T5 HO (46")	120 277 347 **MVOLT** Others available	**GEB10IS** GEB10RS GEB10PS	T8 electronic ballast, ≤10% THD, instant start (T8 only) T8 electronic ballast, ≤10% THD, rapid start[1] Electronic ballast, ≤10% THD, programmed start	GLR GMF PLR___ EL55 EL65	Internal fast-blow fuse (add X for external)[2] Internal slow-blow fuse (add X for external)[2] Plug in wiring, specify number of branch circuits and hot wires (A-black, B-Red, C-Blue, AB or AC) Emergency battery pack (nominal 390-700 lumens); consult factory for additional battery packs[2,3,4] Emergency battery pack (nominal 725-1325 lumens)[2,3,4]	TILW CSA NOM MSI MSI360 MSE360LBZ	Tandem in-line wiring CSA Certified NOM Certified Aisle motion sensor[2,3] 360° motion sensor[2,3] 360° motion sensor; for mounting within row or at end of row[2,3,4]

Accessories: Order as separate catalog number.		Field Installable Reflectors			
SQ_	Swivel-stem hanger (specify length in 2" increments)	**For T8 fixtures only**		**For T5 fixtures only**	
ZSPRG	Tong and T-grid hanger (for 15/16" T-grid)	Z8SMR48	Symmetric reflector, 48" white[5]	Z5SMR46	Symmetric reflector, 46" white[5]
HC36	Hanger chain, 36"	Z8ASR48	Asymmetric reflector, 48" white[5]	Z5ASR46	Asymmetric reflector, 46" white[5]
ZACVH	Adjustable aircraft cable with hook	Z8SMR36	Symmetric reflector, 36" white[5]	Z5SMR34	Symmetric reflector, 34" white[5]
WGZ48	48" wireguard, white[5]	Z8ASR36	Asymmetric reflector, 36" white[5]	Z5ASR34	Asymmetric reflector, 34" white[5]
WGZ8SMR48	48" wireguard, white, for symmetric reflector[5]	Z8SMR24	Symmetric reflector, 24" white	Z5SMR22	Symmetric reflector, 22" white
WGZ8ASR48	48" wireguard, white, for asymmetric reflector[5]	Z8ASR24	Asymmetric reflector, 24" white	Z5ASR22	Asymmetric reflector, 22" white
WGZ46	46" wireguard, white[5]				
WGZ5SMR46	46" wireguard, white, for symmetric reflector[5]				
WGZ5ASR46	46" wireguard, white, for asymmetric reflector[5]				

Notes

1 For 347V.

2 Specify voltage (available 120/277V).

3 Not available with CSA Certified.

4 Available with 4' and 8' lengths only.

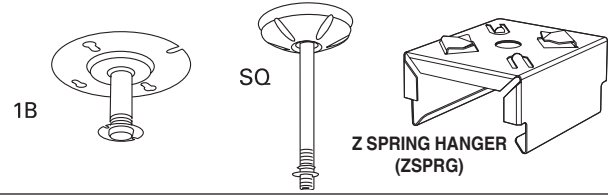5 Order two for tandem double length fixtures.

MOUNTING DATA

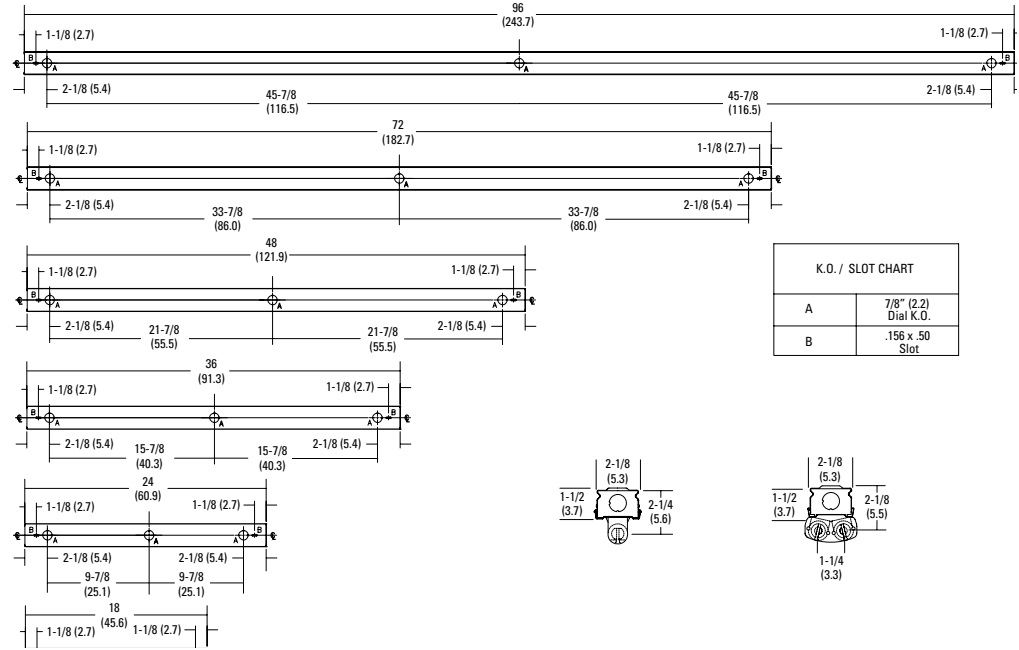For unit or row installation, surface or stem mounting.

Unit installation — Minimum of two hangers required.

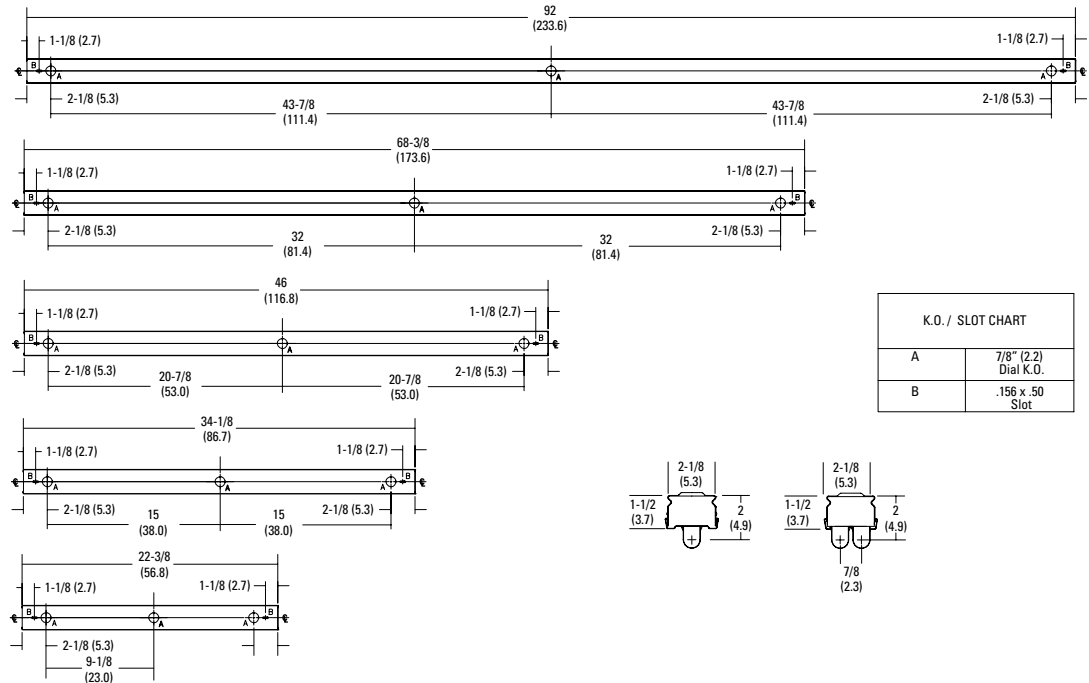Row installation — One hanger per channel plus one per row required.

Review local codes when installing any product, as the minimum of 1 hanger per fixture may not satisfy your local building code.
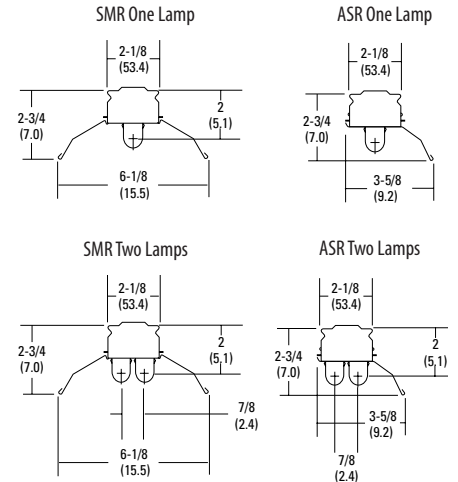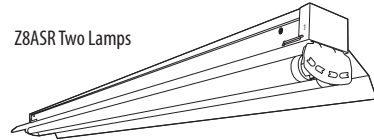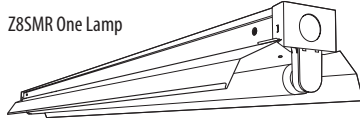
1B   SQ   **Z SPRING HANGER (ZSPRG)**

T8 DIMENSIONS

96 (243.7)
1-1/8 (2.7)   1-1/8 (2.7)
B A   A B
2-1/8 (5.4)   45-7/8 (116.5)   45-7/8 (116.5)   2-1/8 (5.4)

72 (182.7)
1-1/8 (2.7)   1-1/8 (2.7)
B A   A B
2-1/8 (5.4)   33-7/8 (86.0)   33-7/8 (86.0)   2-1/8 (5.4)

48 (121.9)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.4)   21-7/8 (55.5)   21-7/8 (55.5)   2-1/8 (5.4)

36 (91.3)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.4)   15-7/8 (40.3)   15-7/8 (40.3)   2-1/8 (5.4)

24 (60.9)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.4)   2-1/8 (5.4)
9-7/8 (25.1)   9-7/8 (25.1)

18 (45.6)
1-1/8 (2.7)   1-1/8 (2.7)

K.O. / SLOT CHART	
A	7/8" (2.2) Dial K.O.
B	.156 x .50 Slot

2-1/8 (5.3)
1-1/2 (3.7)   2-1/4 (5.6)

2-1/8 (5.3)
1-1/2 (3.7)   2-1/8 (5.5)
1-1/4 (3.3)

T5 DIMENSIONS

92 (233.6)
1-1/8 (2.7)   1-1/8 (2.7)
B A   A B
2-1/8 (5.3)   43-7/8 (111.4)   43-7/8 (111.4)   2-1/8 (5.3)

68-3/8 (173.6)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.3)   32 (81.4)   32 (81.4)   2-1/8 (5.3)

46 (116.8)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.3)   20-7/8 (53.0)   20-7/8 (53.0)   2-1/8 (5.3)

34-1/8 (86.7)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.3)   15 (38.0)   15 (38.0)   2-1/8 (5.3)

22-3/8 (56.8)
1-1/8 (2.7)   1-1/8 (2.7)
B A   B
2-1/8 (5.3)
9-1/8 (23.0)

K.O. / SLOT CHART	
A	7/8" (2.2) Dial K.O.
B	.156 x .50 Slot

2-1/8 (5.3)
1-1/2 (3.7)   2 (4.9)

2-1/8 (5.3)
1-1/2 (3.7)   2 (4.9)
7/8 (2.3)

PHOTOMETRICS

See www.lithonia.com.

LITHONIA LIGHTING®

Z-T8-T5

REFLECTORS

Z5SMR Two Lamps

Z5ASR One Lamp

Z8SMR One Lamp

Z8ASR Two Lamps

SMR One Lamp
2-1/8 (53.4)
2-3/4 (7.0)
2 (5.1)
6-1/8 (15.5)

ASR One Lamp
2-1/8 (53.4)
2-3/4 (7.0)
2 (5.1)
3-5/8 (9.2)

SMR Two Lamps
2-1/8 (53.4)
2-3/4 (7.0)
2 (5.1)
7/8 (2.4)
6-1/8 (15.5)

ASR Two Lamps
2-1/8 (53.4)
2-3/4 (7.0)
2 (5.1)
3-5/8 (9.2)
7/8 (2.4)
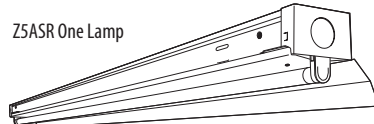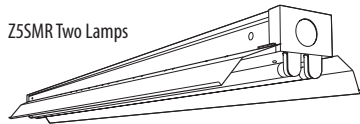
Specifications

All dimensions are inches (centimeters)

ORDERING INFORMATION For shortest lead times, configure products using **bolded options**. **Example:** Z5SMR46A8

Series/Length/Distribution

Series		**Length**		**Distribution**		**Finish**	
Z5ASR	Asymmetric reflector, T5	_Z5ASR/Z5SMR only_		(**blank**)	Solid	(**blank**)	White
Z5SMR	Symmetric reflector, T5	22	Nominal 22" length	A2	ASR with 2% uplight	MB	Matte black
Z8ASR	Asymmetric reflector, T8	34	Nominal 34" length	**A4**	ASR with 4% uplight	GALV	Galvanized
Z8SMR	Symmetric reflector, T8	**46**	Nominal 46" length	A5	SMR with 5% uplight	SKGY	Smoke gray
		Z8ASR/Z8SMR only		**A8**	SMR with 8% uplight	**SSR**	Specular finish aluminum (95% reflectance**)**
		24	Nominal 24" length	P	Perforated		
		36	Nominal 36" length				
		48	Nominal 48" length				

LITHONIA LIGHTING®