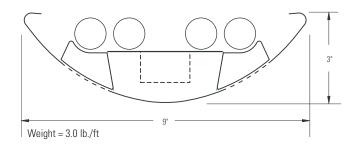
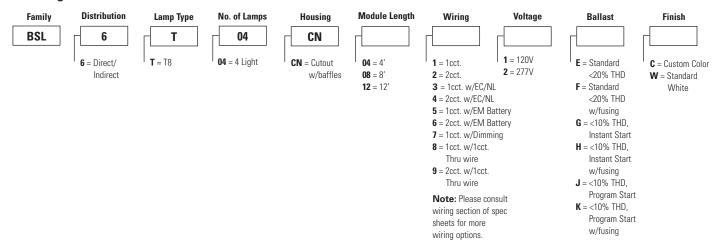


Page 1 of 8

4 Light T8 Direct/Indirect



Ordering Information



Specifications

Features

- 1. Housing: die-formed 20ga. cold rolled steel
- 2. End Set: die-cast metal with baked powder coat finish
- 3. Lamping: four T8 lamps
- 4. Configuration: 4', 8' and 12' module lengths or continuous rows
- 5. Ballasts: electronic 120V or 277V

Finish

High-quality white powder coat with textured matte finish. Custom colors available. Consult factory.

Mounting

Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

Electrical

All luminaires are factory pre-wired to module ends with quick-wire connectors.

Joints & Intersections

Self-aligning joining system with hands-free pre-joining wire access.

Labels

UL, CSA standards.

Ordering Instructions

Individual Fixtures

- 1. Determine the number of individual modules required
- 2. Order one end set per module
- 3. Order one non-power mount per module
- 4. Order one power mount per module

Continuous Rows*

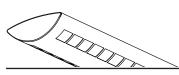
- 1. Determine run length
- 2. Order the appropriate number and length of modules for complete run
- 3. Order one end set for each run
- 4. Order one non-power mount for each module
- 5. Order one power mount per run
- 6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

*Note: Some runs may require additional power mounts. Please see the 'Run Configuration' table on next page for more details.

Job Information	Туре:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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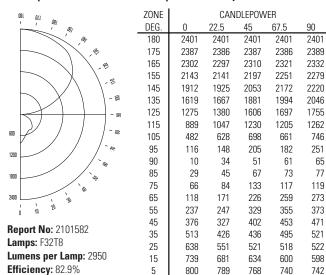


Page 2 of 8

4 Light T8 Direct/Indirect

Performance

Candlepower Curve



808

808

808

808

808

Candlepower Summary

Coefficients of Utilization

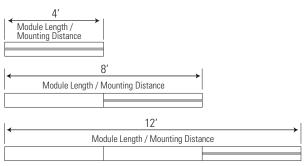
% EFFECTIVE CEILING CAVITY REFLECTANCE									
		80			70			50	
			(% WAL	L REFLE	CTANC	E		
	50	30	10	50	30	10	50	30	10
0	82	82	82	72	72	72	54	54	54
1	71	68	65	63	60	58	47	45	44
2	62	57	53	55	51	47	41	38	36
3	54	49	44	48	43	39	36	33	30
4	48	42	37	42	37	33	32	28	25
5	42	36	31	38	32	28	28	25	22
6	38	31	27	34	28	24	25	22	19
7	34	28	23	30	25	21	23	19	16
8	31	25	20	27	22	18	21	17	14
9	28	22	18	25	20	16	19	15	13
10	25	20	16	22	18	14	17	14	11

Zonal Lumen Summary

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	1775.5	15.0	18.1
90-180	8008.5	67.9	81.9
0-180	9784	82.9	100.0

Module Lengths & Mounting Distances

Up: 81.9% **Down:** 18.1%



Note: Shaded area indicates locations of emergency sections (emergency wiring controls all lamps or optional battery pack controls one or two lamps).

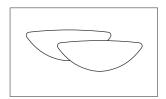
Run Configuration

g							
Run Length	4' Module	8' Module	12' Module	Joiner	End Set	Mount	Power Mount*
4' run	1				1	1	1
8' run		1			1	1	1
12' run			1		1	1	1
16' run		2		1	1	2	1
20' run		1	1	1	1	2	1
24' run			2	1	1	2	1
28' run		2	1	2	1	3	1
32' run		1	2	2	1	3	1

*Note: Additional power mounts may be required for some runs with T5 H0 lamping options, longer runs, and runs with wiring options that are more complex. Please consult factory for assistance.

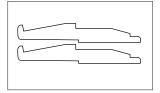
System Components & Accessories

End Set



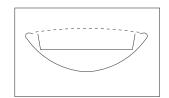
BSLESW = suspended standard white

Joiner



BSLJS = suspended joiner

Dust Cover



BSLDCS = 4' suspended dust cover

Job Information

Type:

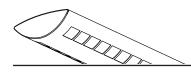
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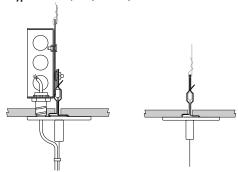


4 Light T8 Direct/Indirect

Page 3 of 8

Mounting Options

Mount Type: T-Bar 15/16" (On-Grid)*



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount

Non-Power Mount



Supension Length

1-Power Mount

3 Conductor 4 Conductor

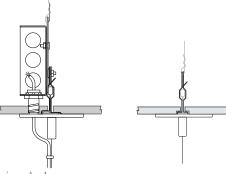
7 Conductor

2	4.	8.	12"
BSLM6102P13	BSLM6104P13	BSLM6108P13	BSLM6112P13
BSLM6102P14	BSLM6104P14	BSLM6108P14	BSLM6112P14
BSLM6102P17	BSLM6104P17	BSLM6108P17	BSLM6112P17

Non-Power Mount

BSLM6102N BS	SLM6104N	BSLM6108N	BSLM6112N
--------------	----------	-----------	-----------

Mount Type: T-Bar 9/16" (On-Grid)*





- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount



Non-Power Mount



Supension Length

1-Power Mount

3 Conductor

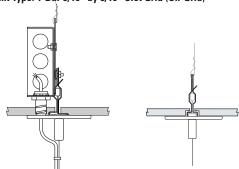
4 Conductor

7 Conductor

2'	4′	8′	12'
BSLM6202P13	BSLM6204P13	BSLM6208P13	BSLM6212P13
BSLM6202P14	BSLM6204P14	BSLM6208P14	BSLM6212P14
BSLM6202P17	BSLM6204P17	BSLM6208P17	BSLM6212P17

Non-Power Mount

Mount Type: T-Bar 9/16" by 5/16" Slot Grid (On-Grid)*



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

*Note: Standard T-bar mounts are currently not available for tegular tile ceilings, however certain tegular tile / T-bar combinations may be supported by the use of the slot-grid mount. For more information, please consult factory.

1-Power Mount



Non-Power Mount



Supension Length

1-Power Mount
3 Conductor
4 Conductor

2'	4'	8′	12'
BSLM6302P13	BSLM6304P13	BSLM6308P13	BSLM6312P13
BSLM6302P14	BSLM6304P14	BSLM6308P14	BSLM6312P14
BSLM6302P17	BSLM6304P17	BSLM6308P17	BSLM6312P17

BSLM6308N

BSLM6312N

Non-Power Mount

7 Conductor

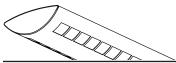
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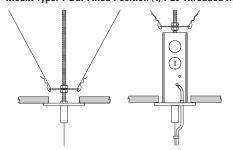
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Mount Type: T-Bar Fixed Position (1/4-20 Threaded Rod)



- · Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/2" (power) or 3/4" (non-power)
- J-Box: Integral J-Box supplied
- 1/4 20 all thread rod (supplied by others)
- Fully vertically adjustable at fixture

4 Light T8 Direct/Indirect







Supension Length

		- aponon	0g	
1-Power Mount	2'	4'	8′	12'
3 Conductor	BSLM2102P13	BSLM2104P13	BSLM2108P13	BSLM2112P13
4 Conductor	BSLM2102P14	BSLM2104P14	BSLM2108P14	BSLM2112P14

2-Power Mount

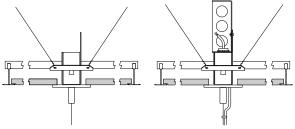
3 Conductor

BSLM2102P23	BSLM2104P23	BSLM2108P23	BSLM2112P23

Non-Power Mount

BSLM2102N BSLM2104N BS	LM2108N BSLM2112N
------------------------	-------------------

Mount Type: T-Bar Variable Position



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 3"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/4"
- Aligned by T-bar and secured to structure
- J-Box 4" square (supplied by others)
- Fully vertically adjustable at fixture
- Adjusts to both 1" and 1 1/2" high T-bar systems

*Note: Supports 15/16", 9/16" and slot grid ceiling types.







12'

Supension Length

1-Power Mo	unt
------------	-----

- 3 Conductor
- 4 Conductor
- 7 Conductor

BSLM5102P13	BSLM5104P13	BSLM5108P13	BSLM5112P13
BSLM5102P14	BSLM5104P14	BSLM5108P14	BSLM5112P14
BSLM5102P17	BSLM5104P17	BSLM5108P17	BSLM5112P17

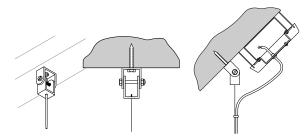
2-Power Mount

3 Conductor

BSLM5102P23	BSLM5104P23	BSLM5108P23	BSLM5112P23
-------------	-------------	-------------	-------------

Non-Power Mount

Mount Type: Support or Open-Joist Ceiling



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4"(power)
- Cable: 7x7 stranded aircraft cable
- Versatile mount, fully adjustable to accomodate open sloped ceilings
- J-Box: 4" octogonal box (supplied by others)
- Fully vertically adjustable at fixture







Supension Length

1-Power Mount	2′	4′	8′	12′
3 Conductor	BSLM3102P13	BSLM3104P13	BSLM3108P13	BSLM3112P13
4 Conductor	BSLM3102P14	BSLM3104P14	BSLM3108P14	BSLM3112P14
7 Conductor	BSLM3102P17	BSLM3104P17	BSLM3108P17	BSLM3112P17

2-Power Mount

3 Conductor

		BSLM3102P23	BSLM3104P23	BSLM3108P23	BSLM3112P23
--	--	-------------	-------------	-------------	-------------

Non-Power Mount

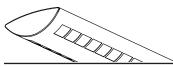
BSLM3102N	BSLM3104N	BSLM3108N	BSLM3112N

Job Information

Type:

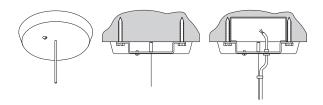
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Mount Type: Non-Accessible Ceilings (concrete, gypsum etc.)



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Mountable on 0° 15° sloped ceiling
- Optional Chicago Plenum approved version available (A4)
- J-Box: 4" octogonal box (supplied by others)
- Fully vertically adjustable at fixture







Supension Length

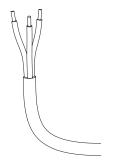
			-	
1-Power Mount	2′	4′	8′	12′
3 Conductor	BSLM1102P13	BSLM1104P13	BSLM1108P13	BSLM1112P13
4 Conductor	BSLM1102P14	BSLM1104P14	BSLM1108P14	BSLM1112P14
7 Conductor	DCI M1102D17	DCI M110/D17	DCI M1100D17	DCI M1112D17

2-Power Mount

3 Conductor

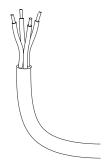
Cord Types

3 Conductor



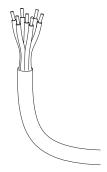
Max. 10 ampsMax. 300V

4 Conductor



- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a 2 circuit application
- Max 300\
- Good for 2 circuit feeds or a 1 circuit feed with a battery pack hot lead
- 120V or 277V applications

7 Conductor

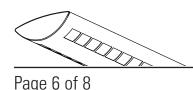


- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a multi-circuit application
- Good for 3 circuit feeds or 2 circuit feeds with a battery pack hot lead
- 120V or 277V applications



Job Information

Type:



4 Light T8 Direct/Indirect

Wiring Options: 1 Circuit

4	C	٠.	 	-
		ш		

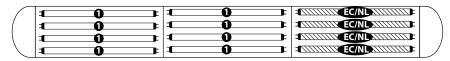
Ш	Type 1: 1cct.
	Type 8: 1cct. w/1cct. thru wire
	Type H: 1cct. w/2cct. thru wir
	Type 7: 1cct. w/dimming

	1 6) t	1) I	1 () <u>t</u>	
1			1)	١ ١
\		—)	1)	
	1)	1)	1) <u> </u>	

All lamps wired on one circuit.

1 Circuit with Emergency Circuit/Night Light (EC/NL)

Type 3: 1cct. w/EC/NL



One 4' section in a one circuit fixture to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

1 Circuit with Emergency Battery Pack (EM)

Type 5:	Chloride	standard
C700A		

Type M: Bodine standard B70A

Type E: Chloride high performance C1400

Type P: Bodine high performance

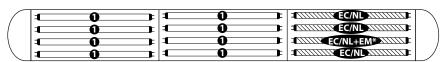
						_
	1 ()=	1 (F		
(1				
\	1			—	1+EM*X1111111	
		—	1 (—	1 0	

All lamps wired on one circuit, plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would function as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*Note: Multi-lamp battery packs are also available.

1 Circuit with Emergency Circuit/Night Light and Emergency Battery Pack

Type J: Chloride standard C700A



One 4' section in a one circuit fixture to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wire separately if controlled independently. Leads for normal circuit, EC/NL circuit and EM wired to fixture ends. All lamps in EC/NL section to be wired together.

*Note: Multi-lamp battery packs are also available.

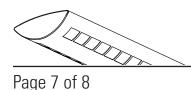
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4 Light T8 Direct/Indirect

Wiring Options: 2 Circuit Center/Outer Switching

2	Circuit	Contor	/nutar	Charite	hina

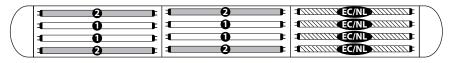
	Type 2: 2cct.
	Type 9: 2cct. w/1cct. thru wire
П	Type I: 2cct, w/2cct, thru wire

	1 ()	1 (3	1	2 1
	1	—			1	
(1				1	
						3

Fixture wired for two circuit. Lamps wired for center/outer switching.

2 Circuit Center/Outer Switching with Emergency Circuit/Night Light (EC/NL)

Type 4: 2cct. w/EC/NL

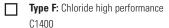


One 4' section in two circuit fixture (center/outer switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

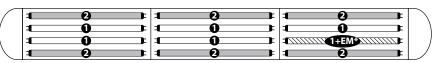
2 Circuit Center/Outer Switching with Emergency Battery Pack (EM)

Type 6:	Chloride	standard
C700 A		

Type N: Bodine standard B70A



Type Q: Bodine high performance B50

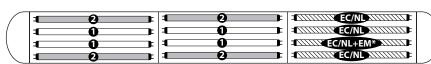


Fixture wired for two circuits (center/outer switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*Note: Multi-lamp battery packs are also available.

2 Circuit Center/Outer with Emergency Circuit/Night Light and Emergency Battery Pack

Type K: Chloride standard C700A



One 4' section in a two circuit fixture (center/outer switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL section to be wired together.

*Note: Multi-lamp battery packs are also available.

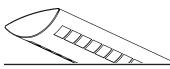
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Page 8 of 8 4 Light T8 Direct/Indirect

Wiring Options: 2 Circuit A/B Switching (alternate 4' sections)

2 Circuit A/B Switching	(alternate 4' sections)
-------------------------	-------------------------

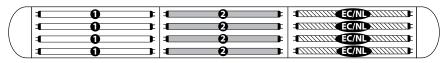
Type B: 2cct.
Type A: 2cct. w/1cct. thru wire
Type S: 2cct. w/2cct. thru wire

1 6)	1 (2	1 (
		1	2	1	
		1 9	2		
1 (1	1	1	

Fixture wired for two circuit. Lamps wired for A/B switching in alternate 4' sections.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light (EC/NL)

Type C: 2cct. w/EC/NL



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Battery Pack (EM)

Type D: Chloride standard C700A

Type 0: Bodine standard

B70A

Type G: Chloride high performance C1400

Type R: Bodine high performance

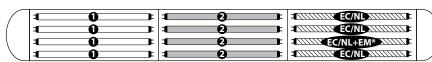
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\	1 (1 0		= \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 /
	1 ()	1 0	F		IJ

Fixture wired for two circuits (A/B switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

*Note: Multi-lamp battery packs are also available.

2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light and Emergency Battery Pack

Type L: Chloride standard C700A



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect "trigger" wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL section to be wired together.

*Note: Multi-lamp battery packs are also available.

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