

Page 1 of 4

# 1 Light T8 Wall Mount Semi-Indirect

# **Ordering Information**

Ordoning									
Family	Distribution	Lamp Type	No. of Lamps	Housing	<b>Module Length</b>	Wiring	Voltage	Ballast	Finish
BSL	8 8 = Wall Mount	<b>T T</b> = T8	<b>01 01</b> = 1 Light	LN = Perforated	<b>04</b> = 4' <b>08</b> = 8' <b>12</b> = 12'	1 = 1cct. 3 = 1cct. w/EC/ 5 = 1cct. w/EM/ 7 = 1cct. w/Dim 8 = 1cct. w/1cct Thru wire  Note: Please c wiring section o sheets for more wiring options.	Battery ming  onsult f spec	E = Standard <20% THD  F = Standard <20% THD w/fusing G = <10% THD, Instant Start H = <10% THD, Instant Start w/fusing J = <10% THD, Program Start K = <10% THD, Program Start W/fusing	C = Custom Color W = Standard White

# **Specifications**

## Features

- 1. Housing: die-formed 20ga. cold rolled steel
- 2. End Set: die-cast metal with baked powder coat finish
- 3. Lamping: one T8 lamp
- 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

Flexible mounting locations.

### **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\***

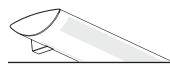
- 1. Determine run length
- 2. Order the appropriate number and length of modules for complete run
- 3. Order one end set for each run
- 4. Order one non-power mount for each module
- 5. Order one power mount per run
- 6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

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

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

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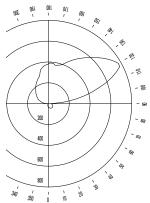


# Page 2 of 4

# 1 Light T8 Wall Mount Semi-Indirect

# **Performance**

#### **Candlepower Curve**



340	350	Ö	10	20	B
	ort i ps:			156	
Lum	iens	per	Lar	np:	2950
Effic	cien	cy: 5	58.5	%	
Up:	93.6	% <b>[</b>	)ow	<b>n:</b> 6	.4%

#### **Candlepower Summary**

ZONE		CAN	DLEPOW	ER	
DEG.	0	45	90	135	180
180	381	381	381	381	381
175	390	390	379	372	369
165	383	367	369	341	309
155	443	373	349	266	250
145	531	411	317	224	210
135	627	458	277	183	171
125	731	503	229	143	140
115	720	537	169	106	110
105	436	415	85	73	74
95	132	115	17	33	39
90	23	12	1	4	6
85	29	15	2	2	2
75	39	23	4	2	2
65	46	31	7	2	2
55	51	36	12	4	3
45	53	40	17	6	4
35	51	41	23	10	7
25	48	41	27	17	13
15	42	38	30	24	21
5	36	34	32	29	28
0	32	32	32	32	32

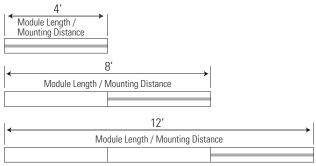
#### **Coefficients of Utilization**

	% EFFECTIVE CEILING CAVITY REFLECTANCE								
		80			70			50	
				% WAL	L REFLE	CTANC	E		
	50	30	10	50	30	10	50	30	10
0	56	56	56	49	49	49	34	34	34
1	49	47	45	42	40	39	30	29	28
2	42	39	36	37	34	32	26	24	23
3	37	33	30	32	29	26	23	20	19
4	33	28	25	28	25	22	20	18	16
5	29	24	21	25	21	18	18	15	13
6	26	21	18	22	18	16	16	13	11
7	23	19	15	20	16	14	14	12	10
8	21	16	13	18	14	12	13	10	8
9	19	14	12	16	13	10	11	9	7
10	17	13	10	15	11	9	10	8	6

#### **Zonal Lumen Summary**

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	111	3.8	6.4
90-180	1616	54.8	93.6
0-180	1727	58.5	100.0

# **Module Lengths & Mounting Distances**



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

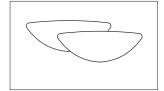
# **Run Configuration**

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
	Length 4' run 8' run 12' run 16' run 20' run 24' run 28' run	Length         Module           4' run         1           8' run         12' run           16' run         20' run           24' run         28' run	Length         Module         Module           4' run         1         1           8' run         1         1           12' run         2         20' run         1           20' run         1         2           24' run         2         2	Length         Module         Module         Module           4' run         1            8' run         1            12' run         2            20' run         1         1           24' run         2         2           28' run         2         1	Length         Module         Module         Module         Module         Joiner           4' run         1         2         1         2	Length         Module         Module         Module         Joiner         End Set           4' run         1         1         1         1           8' run         1         1         1         1           12' run         1         1         1         1           16' run         2         1         1         1           20' run         1         1         1         1           24' run         2         1         2         1           28' run         2         1         2         1	Length         Module         Module         Module         Joiner         End Set         Mount           4' run         1         1         1         1         1           8' run         1         1         1         1         1           12' run         1         1         1         1         1           16' run         2         1         1         1         2           20' run         1         1         1         1         2           24' run         2         1         2         1         3           28' run         2         1         2         1         3

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

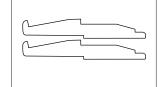
# **System Components & Accessories**

# **End Set**

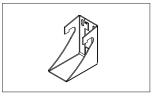


**BSLEWW** = wall mount standard white **BSLJW** = wall mount joiner

# Joiner

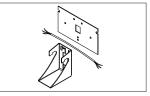


# Non-Power Wall Mount



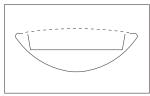
**BSLWN** = non-power wall mount

# **Power Wall Mount**



**BSLWP1** = 1-power mount **BSLWP2** = 2-power mount

# **Dust Cover**



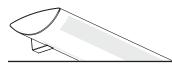
**BSLDCW** = 4' wall mount dust cover

# **Job Information**

Type:

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Page 3 of 4

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# **Wiring Options: 1 Circuit**

4	C:	:4
	L.IFE	

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

	:0	• •	

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.

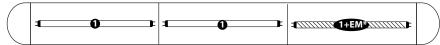
## 1 Circuit with Emergency Battery Pack (EM)

Type 5: Chloride standard C700A

Type M: Bodine standard B70A

Type E: Chloride high performance C1400

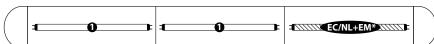
Type P: Bodine high performance



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.

# 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.

**Job Information** 

Type:



Page 4 of 4

1 Light T8 Wall Mount Semi-Indirect

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

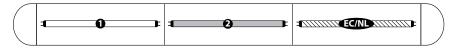
ш	Type B: 2cct.
	Type A: 2cct. w/1cct. thru wire
П	Type S: 2cct. w/2cct. thru wire



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.

## 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

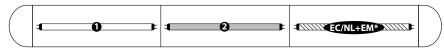
Type R: Bodine high performance



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.

# 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 module to be wired together.

> **Job Information** Type: