



Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

# TRAC-MASTER®

Wall Wash/Floods

## BIAx® SERIES

### TBX18E, TBX39E and TBX40E

#### PRODUCT SPECIFICATIONS

**Lamp** Two 18W, 36W/39W or 40W high lumen compact fluorescent rapid start lamps by GE, Philips, or Osram-Sylvania  
• 4 pin 2G11 base.

**Ballast** UL listed, CSA certified • HPF Electronic 120V • End of lamp life protection.

**Aiming** 90° vertical aiming capability and 358° rotation (TBX40 has 90° vertical aiming capability only) • Two locking knobs provided.

**Connections** Single, oversized adapter on "C" channel style yoke on 18W and 36/39W units • Two standard trac adapters on 40W unit.

**Adapter** Copper alloy contacts provide precise spring action - no arcing and will not take a set • True, positive electrical ground  
• On/off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures trac light to trac • "Pull-up" contact to up position for two-circuit application.

**Materials** Computer contoured reflector • Sturdy extruded aluminum housing with die-cast aluminum end caps and textured paint.

**Louver** One piece parabolic blade louvers are of sturdy, injection molded construction with snap-in design • Specular louvers offer controlled brightness, with minimal loss in efficiency • Equally efficient, white louvers have a more contemporary appearance and are easier to keep clean • Black louvers provide excellent brightness control, but with a moderate reduction in fixture efficiency • Louvers must be specified separately.

**Mounting** For ceiling mount installations only.

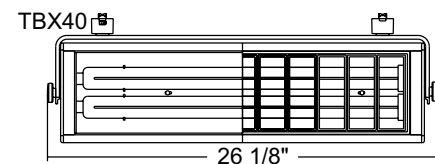
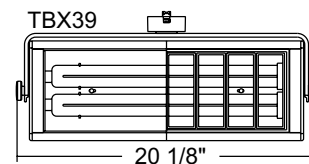
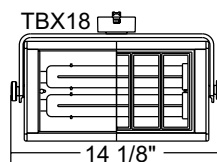
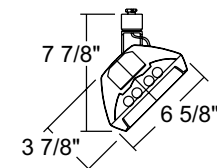
**Labels** UL listed, CSA certified.

Product specifications subject to change without notice.

#### PRODUCT CODES

Catalog Number	Finish	Ballast	Wattage and Lamp
<b>TBX18E-WH</b>	White	Electronic	(2) 18W High Lumen CFL
<b>TBX18E-BL</b>	Black	Electronic	(2) 18W High Lumen CFL
<b>TBX18E-SL</b>	Silver	Electronic	(2) 18W High Lumen CFL
<b>TBX39E-WH</b>	White	Electronic	(2) 36/39W High Lumen CFL
<b>TBX39E-BL</b>	Black	Electronic	(2) 36/39W High Lumen CFL
<b>TBX39E-SL</b>	Silver	Electronic	(2) 36/39W High Lumen CFL
<b>TBX40E-WH</b>	White	Electronic	(2) 40W High Lumen CFL
<b>TBX40E-BL</b>	Black	Electronic	(2) 40W High Lumen CFL
<b>TBX40E-SL</b>	Silver	Electronic	(2) 40W High Lumen CFL

#### DIMENSIONS



#### ENGINEERING DATA

	18W	36/39W	40W
Total Input Power	36	78	88
Operating Amps	.34	.59	.60
Power Factor	>.98	>.98	>.98
T.H.D.	<10%	<10%	<10%
Min. Starting Temp.	-5°F	-5°F	-5°F
Crest Factor	<1.5	<1.5	<1.5
Ballast Factor	1.0	1.0	1.0

#### ACCESSORIES

Louvers	Finish
<b>WL18</b>	White
<b>BL18</b>	Black
<b>SL18</b>	Specular
<b>WL39</b>	White
<b>BL39</b>	Black
<b>SL39</b>	Specular
<b>WL40</b>	White
<b>BL40</b>	Black
<b>SL40</b>	Specular

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REV-11/11


# TRAC-MASTER®


Wall Wash/Floods


## BIAX® SERIES


**TBX18E, TBX39E and TBX40E**


### WALL WASH


TBX18	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←2'→	←3'→				
TRAC 2' FROM WALL	□							□	□				
	1'	88	47	11	1	0	0	110	96	110	90	52	90
	2'	59	40	17	6	2	0	97	92	97	71	56	71
	3'	33	26	15	7	3	1	69	68	69	47	44	47
	4'	17	15	10	6	3	2	45	46	45	31	28	31
	5'	10	10	7	5	3	2	32	34	32	22	20	22
	6'	5	5	4	3	2	2	19	20	19	13	14	13
Two 18W Biax Lamps 2,500	7'	3	3	3	2	2	1	15	12	15	9	10	9
Total Lumens	8'	2	2	2	2	2	1	12	10	12	8	6	8
	9'	2	2	1	1	1	1	8	8	8	6	6	6

TBX18	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←3'→	←4'→				
TRAC 3' FROM WALL	□							□	□				
	1'	49	40	22	10	3	1	69	66	69	55	44	55
	2'	39	33	20	11	5	2	63	62	63	49	42	49
	3'	27	24	17	10	6	3	49	50	49	39	36	39
	4'	18	16	12	8	5	3	38	38	38	28	28	28
	5'	11	10	8	6	4	3	27	26	27	19	20	19
	6'	6	6	5	4	3	2	18	18	18	12	14	12
Two 18W Biax Lamps 2,500	7'	4	4	4	3	3	2	12	12	12	2	2	2
Total Lumens	8'	3	3	3	2	2	1	9	10	9	7	8	7
	9'	2	2	2	2	1	1	8	6	8	4	6	4

TBX39	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←3'→	←4'→				
TRAC 3' FROM WALL	□							□	□				
	1'	108	89	49	22	9	3	154	150	154	126	100	126
	2'	81	70	44	23	12	5	131	132	131	105	92	105
	3'	62	55	38	23	13	7	116	114	116	88	84	88
	4'	40	36	28	19	12	7	86	84	86	64	64	64
	5'	25	24	20	15	10	7	63	62	63	45	48	45
	6'	14	13	12	10	8	6	42	40	42	30	32	30
Two 39W Biax Lamps 5,800	7'	9	9	8	7	6	4	29	28	29	21	22	21
Total Lumens	8'	7	7	6	5	5	4	23	22	23	17	18	17
	9'	4	4	4	3	3	2	14	14	14	10	12	10

TBX39	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←3'→	←4'→				
TRAC 4' FROM WALL	□							□	□				
	1'	67	59	40	23	12	6	119	118	119	91	86	91
	2'	52	47	34	22	13	8	104	104	104	78	76	78
	3'	48	44	33	23	14	9	102	102	102	76	76	76
	4'	35	33	26	19	13	9	85	82	85	61	64	61
	5'	25	24	20	16	12	8	67	66	67	49	50	49
	6'	16	16	13	11	9	7	48	46	48	34	36	34
Two 39W Biax Lamps 5,800	7'	10	10	9	8	7	5	34	32	34	24	26	24
Total Lumens	8'	7	7	7	6	5	5	27	24	27	17	22	17
	9'	6	5	5	5	4	3	22	18	22	14	16	14

TBX40	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←3'→	←4'→				
TRAC 3' FROM WALL	□							□	□				
	1'	130	105	56	24	9	2	180	174	180	148	114	148
	2'	101	85	51	27	13	6	159	154	159	127	106	127
	3'	72	64	44	27	15	8	134	130	134	102	96	102
	4'	46	41	31	21	13	8	98	96	98	72	72	72
	5'	27	26	21	16	11	7	69	68	69	49	52	49
	6'	15	15	12	10	7	5	43	42	43	29	32	29
Two 40W Biax Lamps 6,300	7'	10	10	8	7	5	4	30	30	30	20	22	20
Total Lumens	8'	7	6	6	5	4	3	23	20	23	15	16	15
	9'	5	5	5	4	4	3	17	16	17	10	14	10

TBX40	Single Fixture Performance					Multiple Fixture Performance							
	Distance from ceiling	0	1'	2'	3'	4'	5'	←3'→	←4'→				
TRAC 4' FROM WALL	□							□	□				
	1'	73	66	45	27	14	6	131	132	131	101	94	101
	2'	63	57	41	26	16	9	123	122	123	95	90	95
	3'	54	49	38	25	16	10	116	114	116	86	88	86
	4'	41	38	31	23	16	10	101	96	101	73	76	73
	5'	29	28	23	18	13	9	77	74	77	55	58	55
	6'	18	18	16	13	11	8	56	54	56	40	44	40
Two 40W Biax Lamps 6,300	7'	12	12	11	9	8	6	38	36	38	28	30	28
Total Lumens	8'	8	8	8	7	6	5	30	28	30	20	24	20
	9'	6	6	6	5	4	3	22	20	22	14	18	14

All data shown is for fixtures with specular or white louvers. For fixtures with black louver use 0.85 multiplier. Without louver use 1.15 multiplier. Note: For fixtures without louvers, levels at edge of pattern will be higher and the width of pattern will increase.