



TRAC-MASTER®

Wall Wash/Floods

BIA X® SERIES

TBX18E, TBX39E and TBX40E

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

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.

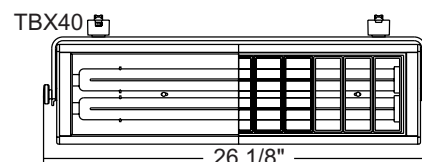
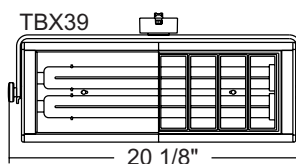
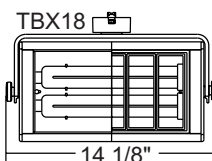
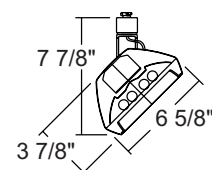
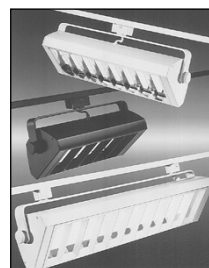
Labels UL listed, CSA certified.

Product specifications subject to change without notice.

PRODUCT CODES

Catalog Number	Finish	Ballast	Wattage and Lamp
TBX18E-WH	White	Electronic	(2) 18W High Lumen CFL
TBX18E-BL	Black	Electronic	(2) 18W High Lumen CFL
TBX18E-SL	Silver	Electronic	(2) 18W High Lumen CFL
TBX39E-WH	White	Electronic	(2) 36/39W High Lumen CFL
TBX39E-BL	Black	Electronic	(2) 36/39W High Lumen CFL
TBX39E-SL	Silver	Electronic	(2) 36/39W High Lumen CFL
TBX40E-WH	White	Electronic	(2) 40W High Lumen CFL
TBX40E-BL	Black	Electronic	(2) 40W High Lumen CFL
TBX40E-SL	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
WL18	White
BL18	Black
SL18	Specular
WL39	White
BL39	Black
SL39	Specular
WL40	White
BL40	Black
SL40	Specular

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REV-6/09

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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
2'	59	40	17	6	2	0	97	92	97	71
3'	33	26	15	7	3	1	69	68	69	47
4'	17	15	10	6	3	2	45	46	45	31
5'	10	10	7	5	3	2	32	34	32	22
6'	5	5	4	3	2	2	19	20	19	13
Two 18W Biax Lamps 2,500	7'	3	3	3	2	2	15	12	15	9
Total Lumens	8'	2	2	2	2	2	12	10	12	8
	9'	2	2	1	1	1	8	8	8	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
2'	39	33	20	11	5	2	63	62	63	49
3'	27	24	17	10	6	3	49	50	49	39
4'	18	16	12	8	5	3	38	38	38	28
5'	11	10	8	6	4	3	27	26	27	19
6'	6	6	5	4	3	2	18	18	18	12
Two 18W Biax Lamps 2,500	7'	4	4	4	3	3	12	12	12	2
Total Lumens	8'	3	3	3	2	2	9	10	9	7
	9'	2	2	2	2	1	8	6	8	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
2'	81	70	44	23	12	5	131	132	131	105
3'	62	55	38	23	13	7	116	114	116	88
4'	40	36	28	19	12	7	86	84	86	64
5'	25	24	20	15	10	7	63	62	63	45
6'	14	13	12	10	8	6	42	40	42	30
Two 39W Biax Lamps 5,800	7'	9	9	8	7	6	29	28	29	21
Total Lumens	8'	7	7	6	5	5	23	22	23	17
	9'	4	4	4	3	3	14	14	14	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
2'	52	47	34	22	13	8	104	104	104	78
3'	48	44	33	23	14	9	102	102	102	76
4'	35	33	26	19	13	9	85	82	85	61
5'	25	24	20	16	12	8	67	66	67	49
6'	16	16	13	11	9	7	48	46	48	34
Two 39W Biax Lamps 5,800	7'	10	10	9	8	7	34	32	34	24
Total Lumens	8'	7	7	7	6	5	27	24	27	17
	9'	6	5	5	5	4	22	18	22	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
2'	101	85	51	27	13	6	159	154	159	127
3'	72	64	44	27	15	8	134	130	134	102
4'	46	41	31	21	13	8	98	96	98	72
5'	27	26	21	16	11	7	69	68	69	49
6'	15	15	12	10	7	5	43	42	43	29
Two 40W Biax Lamps 6,300	7'	10	10	8	7	5	30	30	30	20
Total Lumens	8'	7	6	6	5	4	23	20	23	15
	9'	5	5	5	4	3	17	16	17	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
2'	63	57	41	26	16	9	123	122	123	95
3'	54	49	38	25	16	10	116	114	116	86
4'	41	38	31	23	16	10	101	96	101	73
5'	29	28	23	18	13	9	77	74	77	55
6'	18	18	16	13	11	8	56	54	56	40
Two 40W Biax Lamps 6,300	7'	12	12	11	9	8	38	36	38	28
Total Lumens	8'	8	8	8	7	6	30	28	30	20
	9'	6	6	6	5	4	22	20	22	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.

