

**PRODUCT SPECIFICATIONS**

**Lamp** Two FT36W/39W/2G11 compact fluorescent rapid start lamps • 4-pin base.

**Ballast** 120V HPF electronic standard • 277V HPF electronic optional • UL listed, CSA certified.

**Aiming** 20° vertical aiming capability.

**Reflector** Computer contoured Alzak® reflector.

**Trim Finish** All Black with White Flange (BL) or all White (WH) • Black, white or specular clear louver (order separately).

**Testing** All reports are based on published industry procedures; field performance may differ from laboratory performance.

Product specifications subject to change without notice.

**INSTALLATION**

**Mounting Bracket** Mounting brackets have 2.5" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1 1/2" C-channel and flat linear bars (ordered as accessories) or 1/2" EMT, 3/4" and 1 1/2" C-channel (by others) • One-piece Tru-Lock bar hangers have integral T-bar locking screws and alignment notches for locating and locking fixture in the center or 1/4 tile increments.

**Housing** 22 gauge die-formed galvanized steel • Electrical connections can be made from below the ceiling in an internal wireway or from above the ceiling through a wireway access cover • Wireway access cover has (2) 1/2" knockouts with pry-out slot for conduit attachment • 1/2" knockouts with pry-out slots are located on each end of fixture for conduit attachment or continuous row, end-to-end fixture installation.

**Trim** Painted trim attaches to housing using 2 torsion springs and an electrical quick-connector • Sturdy extruded aluminum lamp housing with die-cast aluminum end caps and textured painted housing • Lamps are replaced without removing trim section.

**Accessories** One piece parabolic blade louvers are of sturdy, injection molded construction with snap-in design • Specular louver offers controlled brightness, with minimal loss in efficiency • Equally efficient white louver has a more contemporary appearance and is easier to keep clean • Black louver provides excellent brightness control with a moderate reduction in fixture efficiency.

**Labels** U.L. listed for through-branch wiring and damp locations • I.B.E.W. Union made • CSA certified.

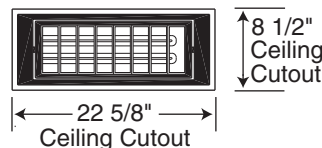
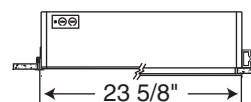
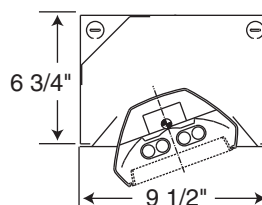
**WALL WASH MULTI-SPOTS™**

**ADJUSTABLE WALL WASH**

**Two 36W/39W High Lumen CFL MS391E**

Type	Cat. No.
_____	_____
_____	_____
Project: _____	
Notes: _____	

**DIMENSIONS**



DRYWALL CEILING CUTOUT: 22 5/8" X 8 1/2"

**ORDERING INFORMATION**

Example: **MS391E-BL-F**

Rough-In	Wattage/Lamp	Finish	Options
MS391E	Two FT36W/39W/2G11 120V HPF Electronic	WH White BL Black	277 277 Volt F Fuse and Fuse Holder †CP Chicago Plenum

Example: **HB-TL**

Accessories	
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair
HB-28	Two 28" C-channel Bar Hangers, Pair
HB-52	Two 52" C-channel Bar Hangers, Pair
LB-27	Two 27" linear Bar Hangers, Pair
BL39	Black Louver
SL39	Specular Clear Louver
WL39	White Louver

# WALL WASH MULTI-SPOTS™

## ADJUSTABLE WALL WASH

### Two 39W High Lumen CFL

### MS391E

#### ENGINEERING DATA

	120V-HPF Elect. 39W	277V HPF Elect. 39W
Total Max. Input Power <sup>1</sup>	78W	85W
Max. Operating AMPS <sup>1</sup>	0.66A	0.31A
Power Factor	>.98	>.98
T.H.D.	<10%	<10%
Min. Starting Temp	-5°F	-5°F
Crest Factor	<1.5	<1.5
Ballast Factor	1.0	1.0

<sup>1</sup>Maximum values - consult factory for typical operating data.

#### PHOTOMETRIC DATA

Fixtures Mounted 3' From Wall

MS391	Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance						
		0	1'	2'	3'	4'	5'	←-3'->		←-4'->			
←-3'->	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
20°	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

Fixtures Mounted 4' From Wall

MS391	Distance from Ceiling	Single Fixture Performance					Multiple Fixture Performance						
		0	1'	2'	3'	4'	5'	←-3'->		←-4'->			
←-4'->	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
20°	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