



Molescent
BIAX



Molescent BIAx 2

Rating: 120v AC, 1 amp max. (Optional 220v)
Circuit: 1 circuit per pair of lamps.
Location Mounting: OmniMount with 5/8" receiver.
Studio Mounting: Yoke with 5/8" receiver.
Size: H-6.25" x W-24.25" x D-4.5".
Weight: 5 lbs.



Molescent BIAx 4

Rating: 120v AC, 2 amp max. (Optional 220v)
Circuit: Two, 1 circuit per pair of lamps.
Location Mounting: OmniMount with 5/8" receiver.
Studio Mounting: Yoke with 5/8" receiver.
Size: H-11.25" x W-24.25" x D-4.5".
Weight: 10 lbs.



Molescent BIAx 8

Rating: 120v AC, 4 amp max. (Optional 220v)
Circuit: Four, 1 circuit per pair of lamps.
Location Mounting: OmniMount with 1 1/8" pin.
Studio Mounting: Yoke with 1 1/8" pin.
Size: H-20.25" x W-24.25" x D-4.5".
Weight: 20 lbs.

Location Style Fixtures

The Molescent BIAx series of fluorescent fixtures addresses the ever changing needs of Motion Picture Lighting and Digital Video professionals. Five different fixture sizes are available with location and filmstyle features. Each fixture includes a complete line of accessories such as 2-way poly Barndoors, ParaHex Louvers, ShowerCap Diffusers, and Filter Frames. Each location style BIAx fixture is dimmable with local or DMX control and can be mounted with a ball and knuckle style OmniMount.

Type 7371 (A, B)
Molescent BIAx 2



Type 7361 (A, B)
Molescent BIAx 4



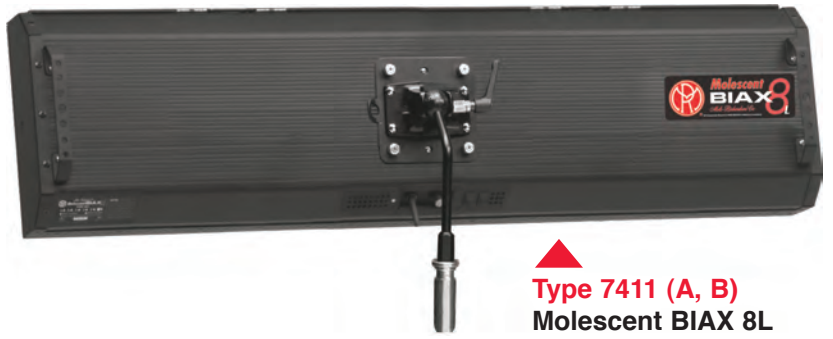
Type 7421 (A, B)
Molescent BIAx 8



Type 7351 (A, B)
Molescent BIAx 4L



Type 7411 (A, B)
Molescent BIAx 8L



Each Molescent BIAx fixture is constructed of sheet aluminum and fluted flame retardent poly-propylene, feature a highly polished aluminum reflector and a black powder coated enamel finish. Location style fixtures include an attached 12 ft. 18/3 cable while the Studio models feature 10 ft. 18/3 removable power cables and a pass-thru power outlet (10 amps maximum.)

There are five types (sizes) of BIAx fixtures, each with 5 models. The Location Style power panels feature an attached low profile power cable with local or DMX dimming control. The Studio Style models feature a removable power cable and pass-thru power outlet with local, DMX or PowerLine dimming control. Rocker switches operate lamps in pair. *All models are available in 220 Volt.*

Location Style Control Panels

Type A
Local Dimming



Type B Local and DMX Dimming





Molescent BIAx 4L

Rating: 120v AC, 2 amp max. (Optional 220v)
Circuit: Two, 1 circuit per pair of lamps.
Location Mounting: OmniMount with 5/8" receiver.
Studio Mounting: Yoke with 5/8" receiver.
Size: H-6.25" x W-46.25" x D-4.5".
Weight: 10 lbs.



Molescent BIAx 8L

Rating: 120v AC, 4 amp max. (Optional 220v)
Circuit: Four, 1 circuit per pair of lamps.
Location Mounting: OmniMount with 1 1/8" pin.
Studio Mounting: Yoke with 1 1/8" pin.
Size: H-11.25" x W-46.25" x D-4.5".
Weight: 20 lbs.

Studio Style Fixtures

The Molescent BIAx series of fluorescent fixtures are ideal for use in Television and Film Studios as well as other long term applications. Addressing the specific needs of Lighting Directors and Motion Picture Gaffers, the BIAx is available in five sizes, each with Studio Style features such as Local, DMX, or PowerLine /Phase dimming. PowerLine dimming allows the BIAx fixture to be powered and controlled by existing SCR or Triac dimming systems. The BIAx fixtures mount with a versatile yoke or can be hung with the BIAx Telescoping Hanger for horizontal or vertical positioning. Accessories include removable two-way aluminum Barndoors, ParaHex Louvers, ShowerCap Diffusers, and Intensifiers with honeycomb grids. All Studio Style BIAx fixtures feature pass-thru AC power in include a switch per pair of lamps.



◀ Type 7371 (C, D, E)
Molescent BIAx 2



▲ Type 7361 (C, D, E)
Molescent BIAx 4



▲ Type 7421 (C, D, E)
Molescent BIAx 8



▲ Type 7351 (C, D, E)
Molescent BIAx 4L



◀ Type 7411 (C, D, E)
Molescent BIAx 8L

Studio Style Control Panels



Type C
Local Dimming



Type E
Phase/Power Dimming



Type D
Local and DMX Dimming

Performance Data

GE Cinema Plus Lamp

Osram StudioLine Lamp

	BIAX 2				BIAX 4				BIAX 8				BIAX 4L				BIAX 8L			
	With Reflector		Without Reflector		With Reflector		Without Reflector		With Reflector		Without Reflector		With Reflector		Without Reflector		With Reflector		Without Reflector	
2 ft.	549FC	729FC	342FC	486FC	1024FC	1296FC	704FC	928FC	1875FC	2625FC	1375FC	1925FC	1024FC	1328FC	640FC	816FC	1944FC	2520FC	1368FC	1800FC
	2.8h x 4.8w		3.7h x 4.8w		4.0h x 4.8w		5.5h x 4.8w		4.8h x 4.8w		6.7h x 4.8w		3.0h x 5.7w		4.0h x 5.7w		3.9h x 5.7w		5.7h x 5.7w	
4 ft.	137FC	182FC	86FC	122FC	256FC	324FC	176FC	232FC	469FC	656FC	344FC	481FC	256FC	332FC	160FC	204FC	486FC	630FC	342FC	450FC
	5.6h x 9.5w		7.5h x 9.5w		8.0h x 9.5w		11.0h x 9.5w		9.5h x 9.5w		13.3h x 9.5w		6.0h x 11.4w		8.0h x 11.4w		7.7h x 11.4w		11.4h x 11.4w	
6 ft.	61FC	81FC	38FC	54FC	114FC	144FC	78FC	103FC	208FC	292FC	153FC	214FC	114FC	148FC	71FC	91FC	216FC	280FC	152FC	200FC
	8.4h x 14.3w		11.2h x 14.3w		12.0h x 14.3w		16.5h x 14.3w		14.3h x 14.3w		20.0h x 14.3w		9.0h x 17.1w		12.0h x 17.1w		11.6h x 17.1w		17.1h x 17.1w	
8 ft.	34FC	46FC	21FC	30FC	64FC	81FC	44FC	58FC	117FC	164FC	86FC	120FC	64FC	83FC	40FC	51FC	122FC	158FC	86FC	113FC
	11.2h x 19.1w		14.9h x 19.1w		16.0h x 19.1w		22.0h x 19.1w		19.1h x 19.1w		26.6h x 19.1w		12.1h x 22.9w		16.0h x 22.9w		15.5h x 22.9w		22.9h x 22.9w	
10 ft.	122FC	29FC	14FC	19FC	41FC	52FC	28FC	37FC	75FC	105FC	55FC	77FC	41FC	53FC	26FC	33FC	78FC	101FC	55FC	72FC
	14.0h x 23.8w		18.7h x 23.8w		20.0h x 23.8w		27.5h x 23.8w		23.8h x 23.8w		33.3h x 23.8w		15.1h x 28.6w		20.0h x 28.6w		19.3h x 28.6w		28.6h x 28.6w	
12 ft.	15FC	20FC	10FC	14FC	28FC	36FC	20FC	26FC	52FC	73FC	38FC	53FC	28FC	37FC	18FC	23FC	54FC	70FC	38FC	50FC
	16.8h x 28.6w		22.4h x 28.6w		24.0h x 28.6w		33.0h x 28.6w		28.6h x 28.6w		39.9h x 28.6w		18.1h x 34.3w		24.0h x 34.3w		23.2h x 34.3w		34.3h x 34.3w	

* Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center. Molescent BIAx fixtures include a very directional, polished reflector. Removing this reflector reveals a flat white surface for increasing output area. This data is referenced above as "with reflector" and "without reflector".

Models & Accessories

		BIAX 2	BIAX 4	BIAX 8	BIAX 4L	BIAX 8L
Location Style Corded AC Power Omnimount	Local Dimming	7371A	7361A	7421A	7351A	7411A
	Local & DMX Dimming	7371B	7361B	7421B	7351B	7411B
Studio Style Available in 120v or 220v Removable Pass-Thru Power (120v only) Yoke Mounting	Local Dimming	7371C	7361C	7421C	7351C	7411C
	Local & DMX Dimming	7371D	7361D	7421D	7351D	7411D
	Phase/Powerline Dimming	7371E	7361E	7421E	7351E	7411E

Accessories		BIAX 2	BIAX 4	BIAX 8	BIAX 4L	BIAX 8L
	BarnDoor 2-Way Poly	73740	73640	74240	73540	74140
	BarnDoor 4-Way Aluminum	73741	73641	74241	73541	74141
	Filter Frame	73715	73615	74215	73515	74115
	ParaHex Louver	73762	73662	74262	73562	74162
	30° Honeycomb Grid	737230	736230	742230	735230	741230
	60° Honeycomb Grid	737260	736260	742260	735260	741260
	90° Honeycomb Grid	737290	736290	742290	735290	741290
	Shower Cap (Light Grid)	73785	73685	74285	73585	74185
Telescoping Hanger (3ft-6ft/6ft-12ft)	73726-3/73726-6	73726-3/73726-6	73726-3/73726-6	73726-3/73726-6	73726-3/73726-6	

Intensifier & Grids		BIAX 2	BIAX 4	BIAX 8	BIAX 4L	BIAX 8L
	Intensifier	737130	736130	•	•	•
	30° Honeycomb Grid	737139	736139	•	•	•
	60° Honeycomb Grid	737140	736140	•	•	•
90° Honeycomb Grid	737141	736141	•	•	•	

Mounts		BIAX 2	BIAX 4	BIAX 8	BIAX 4L	BIAX 8L
	Omnimount <small>included on (A & B Models)</small>	73759	73759	74159	73759	74159
Yoke <small>included with (C, D, & E Models)</small>	73737	73637	74237	73537	74137	

Kit & Cases		BIAX 2	BIAX 4	BIAX 8	BIAX 4L	BIAX 8L
	Soft Carry Case	737105	736105	742105	•	•
	Hard Shipping Case	737104	736104	742104	735104	741104
"A" Model Kit	737101	736101	742101	735101	741101	



Mole-Richardson Co.

