



# MODULAR Series M110-255BX

## SYSTEM

110 watt compact fluorescent unit for low ceilings and grid installations. The interlocking dove-tail construction allows for building of multiple fixture configurations, providing longer throw ranges.

UL/CUL/CE Listed

## SPECIFICATION

**Housing:** Extruded aluminum fixture is finished with black textured TGIC polyester powder coat. Spread lens is high impact, U.V. stabilized acrylic which also provides lamp protection.

**Reflector:** Formed .020 high purity aluminum (99.9%) reflector material with 95% reflectance finish.

**Socket:** Molded white high strength thermoplastic with push wire connections and 18 gauge leads. Model number 2G11 4-pin.

**Electrical:** Unit contains (1) 2-lamp ballast to drive two 55 watt lamps for a total of 110 lamp watts per fixture. Power factor shall be  $>.97$  with a class A sound rating and THD of  $<20\%$ . Power entry on unit includes fuse holder with fuse (for protection against power surges), spare fuse and IEC connector.

**Mounting:** Provided with .125 welded aluminum yoke. Unit may rotate vertically through the yoke and horizontally through a pipe clamp for ease of focus, and may be locked into place.

### Fixture Includes:

- (2) 55 watt Biax Lamps
- (1) 2-lamp Ballast (Specify Voltage)
- 16' power cord with NEMA5-15 (3) prong plug
- (1) C-Clamp or 5/8" Stand Adapter (Specify One)

## LAMPS (Included)

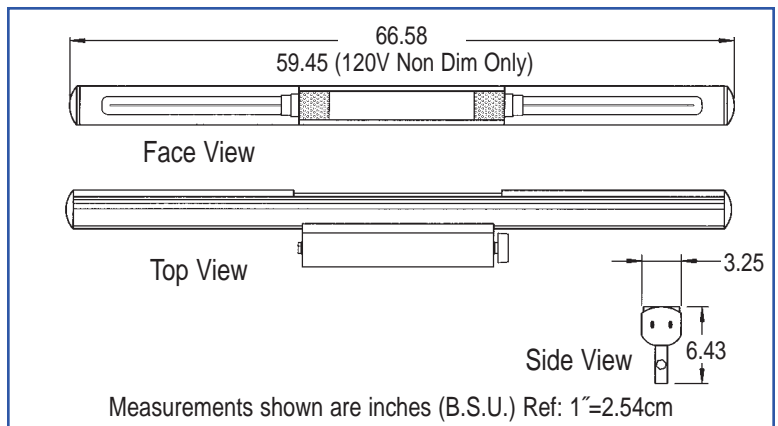
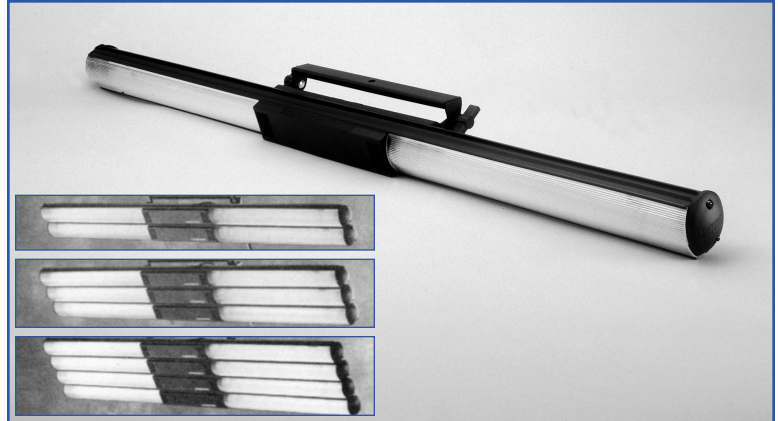
(2) 55 Watt FT55W/2G11/830  
3000K, 12,000 Hours Lamp Life  
CRI: 82  
Light Output: 4800 LM/Lamp

## OPTIONS (Must Specify Each)

Ballast      120 VAC/60Hz HPF Electronic  
                  230 VAC/50-60Hz HPF Electronic

Mounting    2" O.D. C-Clamp  
                  5/8" Stand Adapter

Lamps        3000K (Included as Standard)  
                  3200K (Additional charge)  
                  5500K (Additional charge)



### MODEL #

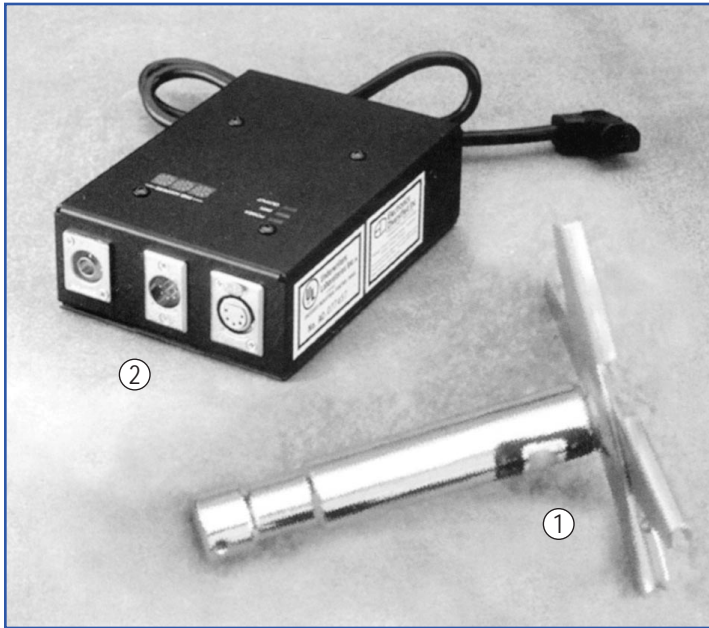
Single:	M110-255BX	Non Dim
	M110-255BX-DA	0-10 Analog Dim
	M110-255BX-DMX	Requires a DMX512-S to Dim
	M110-255BX-D/PM*	Phase Control Dim
Double:	M110-255BX2	Non Dim
	M110-255BX2-DA	0-10 Analog Dim
	M110-255BX2-DMX	Requires a DMX512-S to Dim
	M110-255BX2-D/PM*	Phase Control Dim
Triple:	M110-255BX3	Non Dim
	M110-255BX3-DA	0-10 Analog Dim
	M110-255BX3-DMX	Requires a DMX512-S to Dim
	M110-255BX3-D/PM*	Phase Control Dim
Quadruple:	M110-255BX4	Non Dim
	M110-255BX4-DA	0-10 Analog Dim
	M110-255BX4-DMX	Requires a DMX512-S to Dim
	M110-255BX4-D/PM*	Phase Control Dim

\* Not available in 230 volt.

WEIGHT			DIMENSIONS		
	Lbs	Kg		Inches	Cm
Complete	11.0	5.5	Length (120 V)	59.5	151.1
DMX	2.0	0.9	Height	6.4	16.3
			Width	3.3	8.4

## ACCESSORIES

(See detailed description and function in Accessories Section)



**PART #**

- ① MH-SC Scissor Clamp for Drop Ceiling
- ② DMX-512-S DMX Analog Encoder

## PHOTOMETRICS

3-97		DISTANCE					
MODEL M110-255BX		3ft/.91m	6ft/1.83m	9ft/2.74m	12ft/3.66m	15ft/4.57m	18ft/5.49m
M110-255BX	FC	139	49	26	15	10	7
	Lux	1496	527	278	165	109	79
M110-255BX2	FC	280	103	50	32	21	15
	Lux	3014	1109	538	340	226	164
M110-255BX3	FC	428	156	76	44	31	23
	Lux	4607	1679	818	474	334	242
M110-255BX4	FC	556	206	101	58	41	30
	Lux	5985	2218	1087	624	441	321

Light level readings were measured in foot-candles (fc) and converted to Lux using the conversion factor of 1 fc = 10.765 Lux. Values shown are light levels on centerline. Reference: Meter used—Photometrically correct (NIST) Spectra professional IV-4 digital incident light meter with photodisc. Lamps: 3000 Kelvin. Ambient temperature in test studio 75F ±3F. Distance measurements converted to feet using 1ft = .305m. Original photometric data on file at the factory. Specifications subject to change without notice or obligation.