

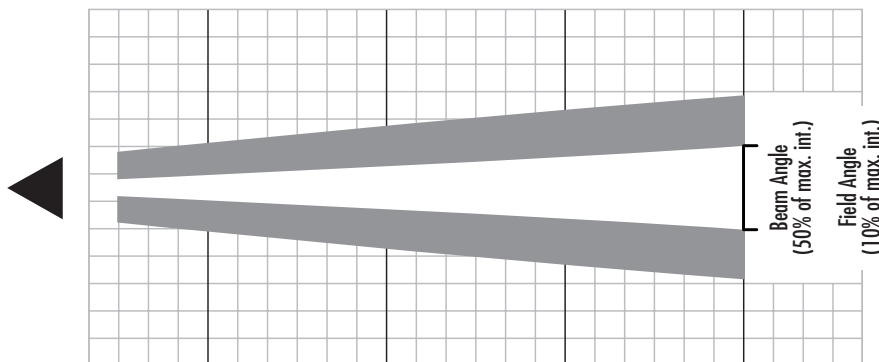
# Mini Ellipse® 50°, 40°, 30°



## FEATURES

- Three field angles (50°, 40°, 30°) in one unit, providing maximum versatility
- Unsurpassed photometric performance. Delivers more light than any competitive unit
- Wide range of long-life lamps allow for economical and reliable operation
- “Joy-Stick” design allows fast, precise filament alignment without tools
- Built-in pattern slot
- Each framing shutter travels in its own plane, eliminating interference
- UL Listed

Peak Focus	50°	40°	30°	50°	40°	30°	50°	40°	30°	50°	40°	30°
*Illumination (lux)	4869	3511	2320	2164	1264	1184	1217	645	716	779	390	479
Diameter (meters)	1.9	2.2	2.7	2.8	3.6	3.8	3.7	5.1	4.8	4.7	6.6	5.9
Distance (meters)	2	3	5	3	5	7	4	7	9	5	9	11



Peak Focus	50°	40°	30°	50°	40°	30°	50°	40°	30°	50°	40°	30°
Distance (feet)	7.5	10	15	10	15	20	12.5	20	25	15	25	30
Diameter (feet)	7	7.3	8	9.3	10.9	10.7	11.7	14.6	13.4	14	18.2	16.1
*Illumination (footcandles)	346	316	258	195	140	145	125	79	93	86	51	64

\*all illumination is measured at beam center

## PHOTOMETRIC PERFORMANCE

- Mini Ellipse 213-155, Lamp No. 176-179 ANSI Code EVR
- For illumination at any distance, divide candlepower by the distance squared.
- For field diameter at a specific distance, multiply field multiplier by distance.

Field Angle	Beam Candlepower	Field Multiplier
50°	19,500	.93
40°	31,600	.73
30°	58,000	.54

## Leviton Mfg. Co., Inc. Lighting Management Systems

20497 SW Teton Avenue, Portland, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/lms  
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Mini Ellipse® 50°, 40°, 30°

## PRODUCT DATA



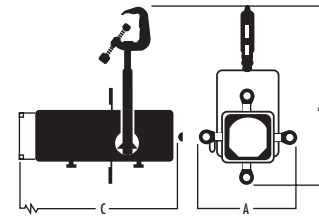
### SPECIFICATIONS

- Housing shall be constructed of sheet aluminum and steel with a textured black semi-gloss finish.

### MECHANICAL

- Optical Train shall consist of a mini-can base socket accommodating 250, 400, or 500W lamps, a specular pure aluminum clad reflector, and plano convex lenses of low expansion, borosilicate glass. Lens configurations of one 4.5" x 6.5" and one 4.5" x 9" lens shall be operator adjustable to produce fields of 50°, 40°, or 30°.
- The gate assembly shall contain four adjustable stainless steel framing shutters, each operating in its own independent plane. Each plane shall rotate through a maximum of plus or minus 45°, with up to 180° total angulation between adjacent blades. Each blade shall be equipped with thermally insulated handles with fingerholes. Each unit shall be provided with a pattern slot and a socket assembly designed for rapid filament alignment and lamp replacement without the use of tools. An optional customer installed Iris assembly is available.

- Cable shall be 36" 3-wire leads, with connectors as specified under ordering information.
- Socket shall be precision type S-4 UL recognized, steatite insulated, rated for 250V, 1,000 watts, 300°C, continuous operation. The rated lamp seal temperature shall not be exceeded.
- Performance with 500W, 2,000 hour lamp shall be 19,500 beam candlepower with 50° field, 31,600 with a 40° field, and 58,000 with a 30° field.
- Mounting unit shall be provided with heavy steel yoke, a painted malleable iron C-Clamp for up to 2" I.D. pipe with a tapped and insulated threaded steel hanger pin, an insulated focusing handle on the rear and provided with a color frame holder. The unit shall rotate vertically through the yoke for ease of focusing.



#### DIMENSIONAL DATA - IN. [CM] LBS. [KG]

<b>A</b> Width	12.87 [31.92]
<b>B</b> Height	20.12 [51.11]
<b>C</b> Depth	16.5 [41.91]
Weight	13.00 [26.33]

CAT. NO.	DESCRIPTION
000ME-50B	Mini Ellipse 30/40/50 Degree, Bare Wire
000ME-22B	Mini Ellipse 30/40/50 Degree, Stage Pin Connector
000ME-42B	Mini Ellipse 30/40/50 Degree, Edison Connector
000ME-62B	Mini Ellipse 30/40/50 Degree, Twist Lock Connector
ACCESSORIES	
AMECF-000	Color Frame, Mini Ellipse
AMEDO-000	Donut, Mini-Ellipse
AMEIK-000	Iris Kit - Mini Ellipse
AMEPH-000	Pattern Holder - Mini-Ellipse
TAoCC-000	C-Clamp for 1 1/2" ID pipe
TAoSC-000	Safety Cable 30"
LAMPS	
LoEHR-000	EHR 400W 120V,3000K 2000HR
LoEHT-000	EHT 250W 120V 3000K 200HR
LoEVR-000	EVR 500W 120V 3000K 2000HR
LoEVR-240	EVR 220/240 500W 240V 3000K

#### LEVITON SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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