

SPECIFICATIONS



Housing: Round housings are heavy-gauge spun aluminum. Rectangular housings are one piece welded 18-gauge steel.

Reflector: Vertical lamp reflector is vertically fluted specular aluminum combined with high reflectance white powder coat paint. Horizontal lamp reflector is one piece hydroformed with specular finish.

Optics: Maximum candlepower at 115 degrees to minimize brightness on ceiling above fixture and maximize fixture spacing. Recommended suspension is 24" or more.

Lens: Downlight lens on Style B and D units is 1/8" white acrylic vacuum-formed. Horizontal lamped units have 1/8" tempered glass lens.

Pendant Suspension: 5/8" OD stem with 30 degree swivel at canopy for round pendant units. Stem finish is powder coat chrome and canopy finish is white.

Electrical: Ballasts are high power factor, constant wattage auto transformers. Surface mounting available for 175, 250, and 400-Watt. Surface and remote ballasts for 175, 250, and 400-Watt are F-can style. Remote ballasts for 450-Watt and higher are core and coil. Encapsulated ballasts are optional for remote mounting (ERB option). Consult factory regarding availability. Integral ballasts are encapsulated standard.

Lamping: Lamping is either standard metal halide (MH) or pulse start metal halide (PMH). All vertical lamps are mogul base ED or BT styles. Standard metal halide are coated and pulse start metal halide are clear. All horizontal lamps are mogul base, clear lamps and are T15.

Finish: Standard color is textured semi-gloss white powder coat paint. Other standard colors are available from color chart. Custom colors are available.

Construction Options: Natatorium construction consists of aluminum or stainless steel parts in place of steel parts. Painted parts are epoxy powder coated. Gymnasium construction consists of flat wire guard and rigid construction between lamp housing and stem assembly. Tennis construction consists of sloped wire guard allowing ball to roll off.

Certification: UL and CUL listed and IBEW labeled.

EXAMPLE

fixture series	lamps	housing style	ballast location	suspension length	finish	voltage	options
LX15	400MH	A	R	XX"	TSGW	120	GLR
LX15	175MH 250MH 400MH 175PMH 250PMH 320PMH 400PMH	A -straight side, solid bottom B -straight side, luminous bottom C -stepped side, solid bottom D -stepped side, luminous bottom E -fluted side, solid bottom F -wok, solid bottom (for 1000W use styles A or E only)	R -remote S -surface (not for wattages above 400W)	Ceiling to top of fixture in inches	TSGW -textured semi-gloss white (refer to color chart in Product Selection Guide for other standard colors) CC -custom color	120 277 347	GLR -GLR fusing KTK -1000W fusing(1000W only) EL -emergency lighting (150W quartz lamp max. on separate circuit) SL -stand by relay (150W quartz max.) ERB -encapsulated remote ballast NC -natatorium construction GC -gymnasium construction TC -tennis construction IL -inline ballast with hook, cord and plug, ballast located at top of stem (1000W only)
LX24	400MH 1000MH 320PMH 400PMH 450PMH 750PMH 875PMH 1000PMH						
LX16 LX16R2 LX1624 LX1646	175MH 250MH 400MH 200PMH 320PMH 350PMH	A -straight side, solid bottom	R -remote (LX16 & LX16R2 only) S -surface (LX16 only) I -integral (LX1624 & LX1646 only)				

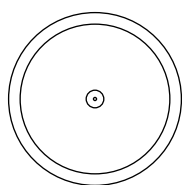
Due to a program of continuous improvement, LAM Lighting reserves the right to make any variation in design or construction to the equipment described.

ORDER

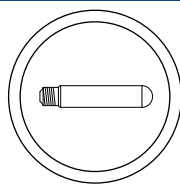
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LAMP CONFIGURATIONS

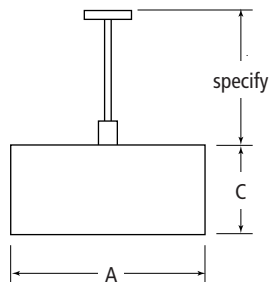


Vertical lamp

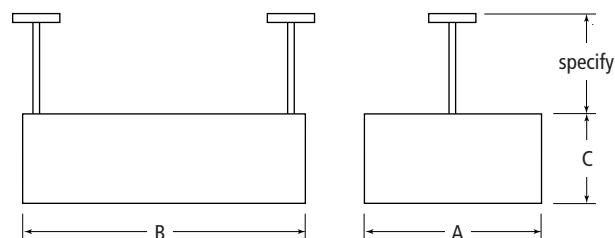


Horizontal lamp

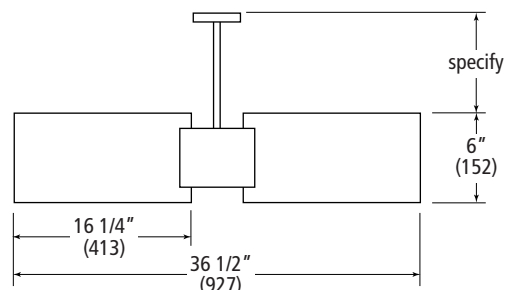
DIMENSIONS



LX15, LX16 and LX24



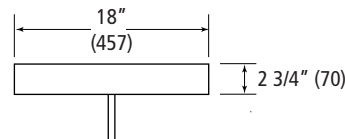
LX1624 and LX1646



LX16R2

Series	Lamp position	Styles	A	C
LX15	vertical	A, B, C, D, E	15"	6"
			380	152
LX16	horizontal	A, B, C, D, E	16"	6"
			380	152
LX24	vertical	A, B, C, D, E	24"	8"
			609	203
LX24 (1000WT)	vertical	A, E	24"	10 3/4"
			609	273
LX15	vertical	F	24"	7 1/4"
			609	184
LX24	vertical	F	36"	11 1/4"
			914	286

Series	A	B	C
LX1624	16"	24"	6 1/4"
	406	610	159
LX1646	16"	46"	6 1/4"
	406	1168	159



Surface ballast box

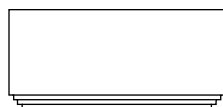
STYLES



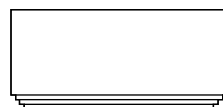
Style A



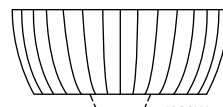
Style B



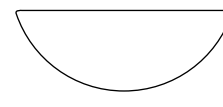
Style C



Style D



Style E



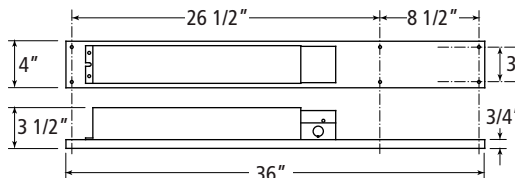
Style F

REMOTE BALLAST DIMENSIONS

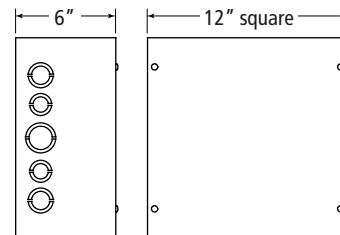
Ballast to Lamp Remote Mounting Distance

Lamp	Maximum one-way length of wire between lamp and ballast (feet) Voltage drop limited to 1% of lamp voltage					
Wattage	MH	#10	#12	#14	#16	#18
175	M57	425	265	165	105	65
250	M58	300	190	120	75	45
400	M59	200	125	75	50	30
1000	M47	325	205	125	80	50

Note: This data does not apply to pulse start lamps. Check ballast manufacturer's specs for most current information.



Remote Mounted Ballast
(F-Can style for 175W MH, 250W MH, 400W MH)



Remote Mounted Ballast Box
(Core & coil or Encapsulated for 175W MH, 175W PMH, 200W PMH, 250W MH, 250W PMH, 320W PMH, 350W PMH, 400W MH, 400W PMH, 450W PMH, 750W PMH, 1000W MH, 1000W PMH)