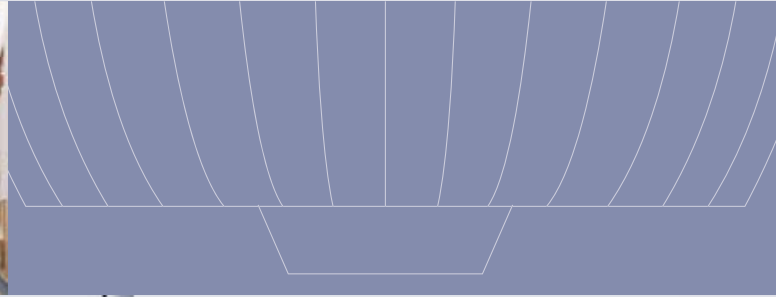


Luxxtra HID is the original HID indirect lighting fixture, setting the standard for performance indirect.



# LUXXTRA HID



Indirect lighting reduces glare and harsh shadows creating a comfortable environment and improving human performance.





**Style A:** 15" and 24" diameter vertical lamped rounds in 175 to 1000-Watt metal halide with solid or luminous bottoms are available.



**Style D:** Stepped-sided models are also offered with solid or luminous bottoms.

When decorative features are less important than performance, Luxxtra HID, with its simplified geometric style, answers the call.



**Style E:** Fluted round is available in 15" or 24".



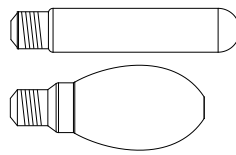
**Style F:** Wok shaped units in two sizes offer same outstanding photometrics with a unique look.

Pendant rounds and rectangles in both single lamp and dual lamp units and a wide variety of metal halide lamps illuminate large spaces from gymnasiums to indoor tennis courts to airports to shopping malls.

**Note: 1000W units are available in styles A and E only.**



The vertical lamp reflector earned a patent when the Luxxtra HID was introduced. This design provides maximum candlepower at a very low angle, throwing light across the ceiling and minimizing brightness above the fixture.



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

project name: \_\_\_\_\_ type: \_\_\_\_\_ quantity: \_\_\_\_\_

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