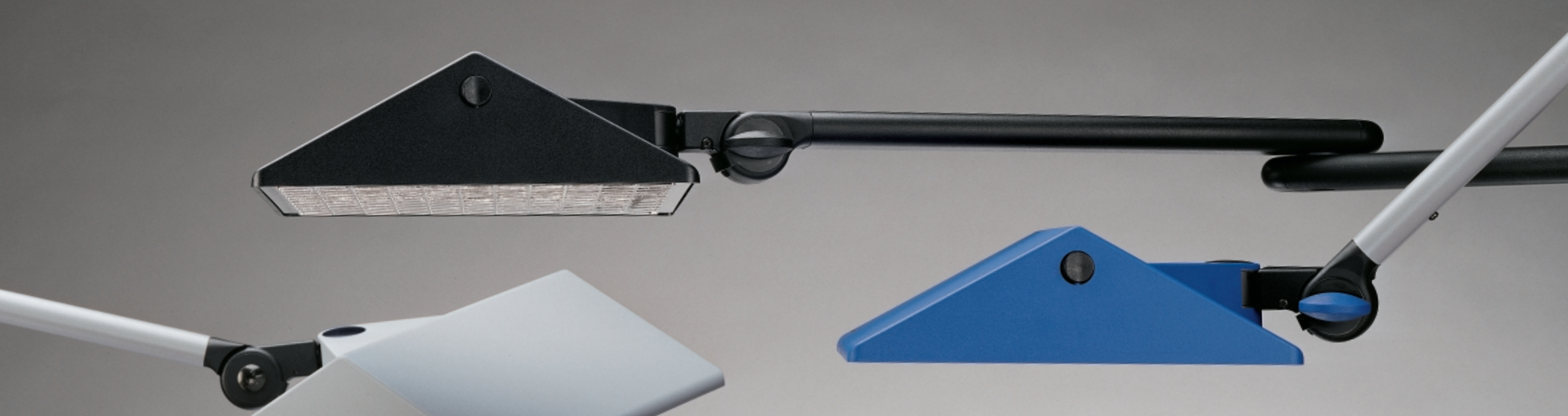


EURO-SELECT SERIES

**Pirra: Task lighting for peak
employee performance.**



Waldmann Lighting



Perfect symmetry of lighting design and function.

Pirra: helps make every workday brighter.

Individual worker needs vary. Pirra's fully adjustable arm works in unison with your specific requirements by providing the ideal amount of light for every task. Like all Waldmann task lights, Pirra includes an aluminized parabolic louver built into the head which delivers precise, symmetrical lighting directly where it's needed. This helps eliminate eyestrain and increases productivity over time.

Compact fluorescent lamps offer cool, energy efficient light.

Two 9-watt compact fluorescent lamps produce the same light as a 100-watt incandescent bulb, but use 77% less energy

and generate only a fraction of the heat. The lamps provide over 10,000 hours of life, and 4100K color temperature is standard with an 82 CRI. Other color temperatures are offered.

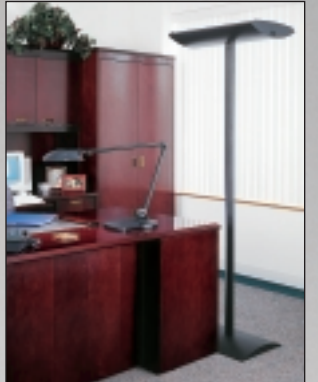
Available with Energy Saving Electronic Ballast.

Pirra's unique pyramidal head design features an optional electronic ballast which ignites lamps quickly and eliminates flickering. This special ballast also helps reduce energy consumption which is an important issue with companies today. The Pirra "E" version provides less harmonic distortion and a greater power factor of 0.99 with an operation frequency of 45KHz.

Waldmann Symmetrical Illumination Shapes and Directs Light.

Symmetrical lighting is designed to provide a

sharp angle cutoff to the light beam. This creates an ample light source that is distributed equally in all directions on work surfaces. Symmetrical light helps prevent direct and indirect glare which is a major cause of eyestrain.



▲ An "Indirect" Uplighter provides ambient room illumination. It is shown with a "Direct" Adjustable Task Light on top of the desk.

For over sixty years, Waldmann Lighting has been internationally recognized as a leading manufacturer of quality task lighting for virtually every type of workplace in business and industry around the world.

When you're searching for task lighting, make a brighter choice: **The Pirra by Waldmann.**

Maximize your lighting experience by adding Waldmann Indirect Lighting (Twin-C) to complement your adjustable arm task lighting. Call us for more information, or visit our Web site today to view our complete line: www.waldmannlighting.com



◀ The Twin Horizontal Arm Pirra is shown mounted in a panel bracket under an overhead storage cabinet.



The new Waldmann twin-component "Twin-C" Uplighter Wall Sconce is shown mounted on wall above cabinet.

Task Lighting Guidelines.

The Illuminating Engineering Society of North America (IESNA) recommends considering these factors when determining the amount of light necessary for performing office tasks:

- Worker's age.
- Type of activity performed.
- Characteristics of the visual task.
- Critical requirements for speed & accuracy.
- Background reflectance.

An average of 18 to 46 footcandles of light should be used to illuminate VDT office environments.

Bright, agreeable light for hours of comfortable, productive performance.

Waldmann Task Lights are carefully engineered to meet the requirements of an ergonomically-sound workplace. Criteria used in developing the Pirra and other Waldmann lights include:

- Ample illumination for work being performed at all areas of the workstation.
- Even illumination over an adequate range.
- Little or no glare, direct or indirect.
- Little or no spill light onto the VDT screen.
- Fluorescent light source to minimize heat.
- Non-reflective surface finish on lights.
- Capability to maneuver the light in multiple directions, both vertically and horizontally.

Ample illumination for any task.

The Pirra provides users with greater control over lighting in his or her environment by enabling the light direction to be precisely and easily adjusted to the task. A unique parabolic louver (5/8" directional grid), built into an impact-resistant ABS head that swivels 140 degrees, tilts 180 degrees, and rotates at the head 108 degrees, allows the light to be adjusted in virtually any position without causing glare.

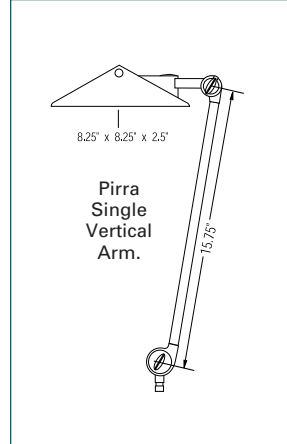
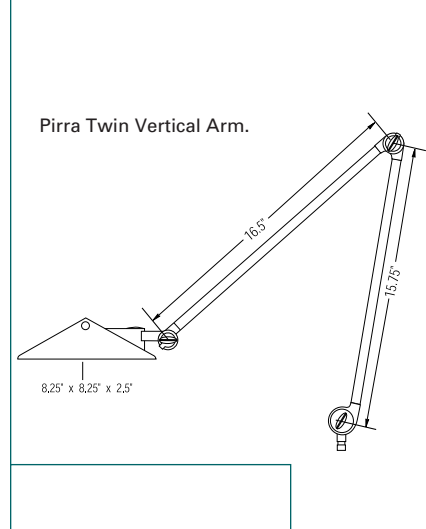
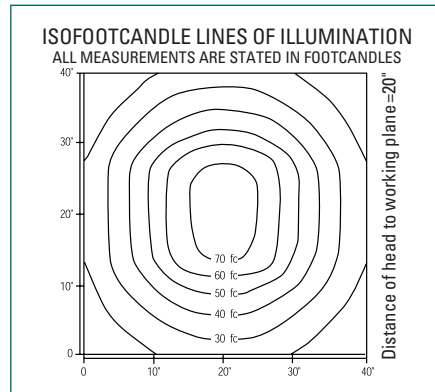
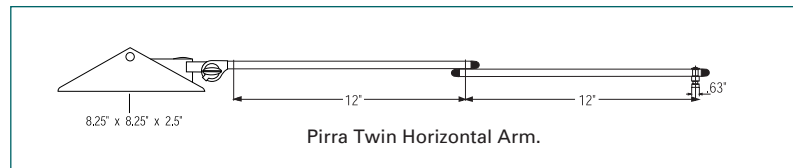
Precise positioning.

Pirra's fully articulated, spring balanced arm with concealed springs comes in three arm styles: single vertical, twin vertical, and twin horizontal. The single arm works well in small work spaces, while the larger twin arms are best in an environment that requires a broad reach of light such as an executive office. The Pirra mounts on a table clamp, wall bracket, table base, or open office furniture panel brackets that fit over 50 office furniture systems.

Choose from a variety of colors.

Pirra is available in Black or Light Grey with a Light Grey, Black, Royal Blue, Burgundy, or Teal head.

Pirra by Waldmann... the brilliant solution in ergonomic task lighting.



Pirra Ordering Information:

Single Vertical Black Arm	138-130-01*
Twin Vertical Black Arm	138-140-01*
Twin Horizontal Black Arm	138-150-01*
Single Vertical Light Grey Arm	138-130-00*
Twin Vertical Light Grey Arm	138-140-00*
Twin Horizontal Light Grey Arm	138-150-00*

Electronic Ballast "E" Versions:

Single Vertical Black Arm	138-400-01*
Twin Vertical Black Arm	138-410-01*
Twin Horizontal Black Arm	138-420-01*
Single Vertical Light Grey Arm	138-400-00*
Twin Vertical Light Grey Arm	138-410-00*
Twin Horizontal Light Grey Arm	138-420-00*

* Please specify head color when ordering.

The following colors are available:
 •Light Grey(6) •Black(1) •Royal Blue(5)
 •Burgundy(4) •Teal(8)

Mounting Bases. (See photo above.)

Table Clamp	200-498-039
Table Clamp (for rounded surfaces)	191-017-029
Wall Bracket	308-218-019
Grommet (not shown)	203-322-019
Designer Table Base	190-112-019
Rectangular Table Base	190-037-019
Table Base (for single arm models only)	190-101-019
Panel Bracket	Specify Furniture System

Replacement Lamp.

9-watt, 2700K	450-009-110
9-watt, 3500K	950-900-003
9-watt, 4100K (Standard)	450-009-120
9-watt, 4100K (For "E" Version)	450-009-180
9-watt, 5000K	950-900-038



Waldmann Lighting

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