

Element 790: An Overview



10 Year, 24/7 Warranty

Element 790 combines aesthetics with exceptional lighting performance. With a Color Rendering Index (CRI) of 85, this light provides a wide footprint of 3500K neutral white light that casts only one shadow. Using only five watts to produce incandescent lighting levels, Element 790 boasts a 50,000-hour lifespan—25 years of daily use in a typical 9-to-5 office environment. Its perfect internal counterbalance encourages fingertip adjustability and a wide range of positioning without the friction knobs or rigid joints found on most other task lights. And its heat-shedding, function-based design promotes comfortable, prolonged use.

Featuring revolutionary MCX LED Technology™, Element 790 utilizes a single multi-chip LED, which extends the life of the task light to last even longer. Adding to its energy-saving and ergonomic capacity, Element 790's intuitive dimmer control offers seven levels of customizable light intensity.

To ensure performance and reliability, Element 790 was tested under the rigorous LM-79 process by an independent laboratory approved by the U.S. Department of Energy's CALiPER program.



Features

- Single light source casts just one shadow
- Unique, heat-shedding design maximizes light output and increases the light's usable life
- Intuitive dimmer switch controls seven levels of adjustable illumination for extra energy savings and control
- Multiple mounting options suit virtually any work environment
- Universal power supply and interchangeable plug options accommodate global power outlets
- Perfect internal counterbalance provides effortless, one-touch positioning
- Folds away when not in use and easily fits under overhead bins and on virtually any desktop work space
- Expanded color palette: Silver, Black or White with Silver accents
- May contribute to valuable LEED-CI, -NC and -EB credits

Specifications

- Excellent color quality - CRI 85
- Power consumption: 5 watts, utilizes only 0.5 watts in lowest setting
- Color Temperature: 3500K
- Life Span: 50,000 hours (L70)
- CE/RoHS/WEEE compliant
- LED Driver Board; constant current driver (CCD) at 85% efficiency
- Maximum reach: 28"
- Maximum height: 28"
- Working height: 18"
- 360° swivel from base
- 135° front-to-back head tilt
- 90° side-to-side head rotation
- 5-year, 24/7 warranty

Humanscale

LED lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	255
Watts	5
Lumens per Watt (Efficacy)	51

Color Accuracy Color Rendering Index (CRI)	85
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Light Color
Correlated Color Temperature (CCT) **3500 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: 2VC4-REET8T (Revised 5/11/2011)
Model Number: Element 790
Type: Portable desk lamp

Element 790 and LEED Certification

Element 790 contributes to many valuable LEED credits, including:

- Energy & Atmosphere (1.1 Optimized Energy Performance, Lighting Power)
- Materials & Resources (68% LEED Recycled Content)
- Indoor Environmental Quality (6.1 Controllability of Lighting Systems)



Seven Settings of Brightness:

Allows for customizable illumination.



Heat-Shedding Design:

Provides a unique, modern aesthetic while maximizing light output and promoting comfortable use.



Exceptional Adjustability:

Maximum reach of 28" (710 mm) and working height of 18" (460 mm).



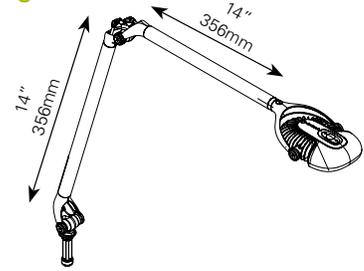
Valuable Desk-Space Savings:

Unit folds up into an unobtrusive, slender form when not in use.

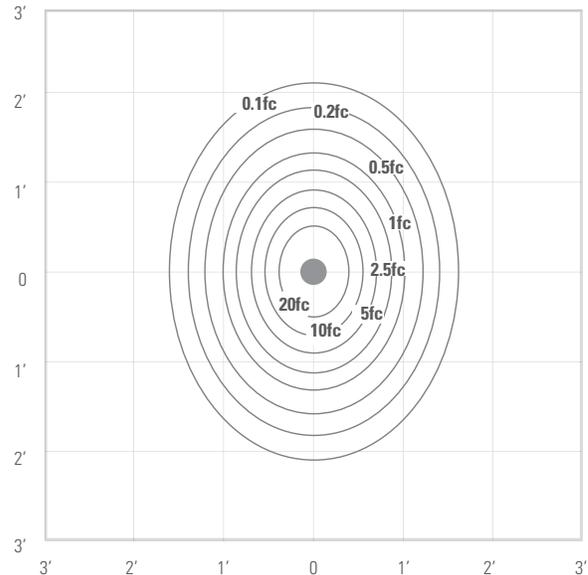
Awards



Dimensional Drawing:



Photometric Performance: Values Based on 24" Mounting Height

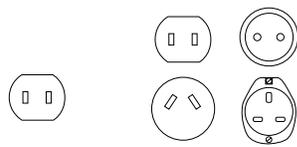


Ordering Guide

Element 790 Product Code:

Style	Plug	Mount	Finish
ED	-	-	-

Plug



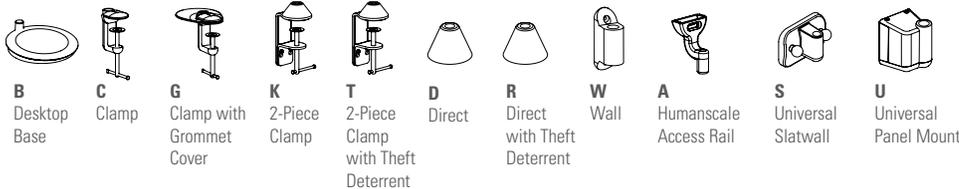
N North American **U** Universal Set

Finish



B Black **S** Silver **W** White

Mount



Packaging Specifications

Inner Carton of Lamp
0.95 kg
2.09 lbs

Lamp Inner Box Dimensions
L - 480 mm W - 225 mm H - 98 mm
L - 18.9" W - 8.9" H - 3.9"

Inner Carton of Base
10.31 kg
22.72 lbs

Base Inner Box Dimensions
L - 240 mm W - 250 mm H - 8 mm
L - 9.4" W - 9.8" H - .31"

Quantity Per Box
4

Outer Carton of Lamp
4.8 kg
10.57 lbs

Lamp Outer Box Dimensions
L - 500 mm W - 475 mm H - 225 mm
L - 19.7" W - 18.7" H - 8.9"

Outer Carton of Base
2.46 kg
5.42 lbs

Base Outer Box Dimensions
L - 530 mm W - 250 mm H - 190 mm
L - 20.8" W - 9.8" H - 7.5"